

GENERAL CATALOGUE

2021



INDEX[®]
A PERFECT FIXING

A
PERFECT
FIXING

GENERAL CATALOGUE 2021

 | 04
PRESENTATION

 | 121
CABLE, CHAIN AND FENCE
ACCESSORIES

 | 209
STANDARDISED
NUTS AND BOLTS

 | 295
QUICK BEAM
FIXING SYSTEMS

 | 22
NEWS

 | 127
FIXINGS AND ACCESSORIES
FOR PLASTERBOARD

 | 227
DRILL BITS, TIPS
AND ACCESSORIES

 | 297
THREADED ROD AND
FIXING ACCESSORIES

 | 28
TABLE OF CONTENTS

 | 135
DIRECT FIXING

 | 233
HEAVY-DUTY METAL
CLAMPS

 | 305
FIXINGS FOR BATHROOM
FITTINGS AND HVAC SYSTEMS

 | 43
METAL FIXINGS

 | 143
SCREWS FOR DECKING
AND FAÇADES

 | 249
LIGHT METAL
CLAMPS

 | 311
EASYKITS

 | 77
CHEMICAL FIXINGS

 | 151
SELF-DRILLING, SELF-
TAPPING AND PVC SCREWS

 | 263
FIRE PROTECTION
SYSTEMS

 | 317
INOX | STAINLESS RANGE

 | 97
PLASTIC FIXINGS

 | 167
WOOD SCREWS

 | 267
GUTTER SUPPORTS

 | 339
01 | 02 | 03 | TECHNICAL
CHARACTERISTICS

 | 109
FIXINGS FOR HOLLOW
MATERIALS

 | 189
NAILS
AND BOLTS

 | 269
PLASTIC CLAMPS

 | 408
INDEX BY ITEM

 | 115
RIVETS

 | 201
TIMBER
CONNECTORS

 | 283
PROFILES AND
SUPPORTS

INDEX[®]
A PERFECT FIXING



A PERFECT FIXING for
YOUR BUSINESS





At **INDEX®**, we are manufacturers and industrial suppliers of fixing systems, offering global solutions adapted to your business needs.

BUT WE ARE MUCH MORE THAN THAT. WE ARE A LARGE TEAM ENGAGED IN CONTINUOUS RESEARCH, DEVELOPMENT AND INNOVATION, AND, LET'S FACE IT, WE'RE MORE THAN A LITTLE OBSESSED WITH ACHIEVING OUR GOAL: TO PROVIDE THE PERFECT FIXING.

Whatever the size of your business, at **INDEX®**, we will find the perfect fixing for your needs.



**WHY IS INDEX[®]
A PERFECT
FIXING FOR YOUR
BUSINESS?**

At **INDEX[®]**, we believe that nothing is impossible when it comes to striving for perfection. Therefore, we continuously invest in new products, approvals, production processes, and technological resources to meet all the demands of the market.

These are just some of the reasons why
INDEX[®] STANDS OUT



AVAILABILITY AND WIDE PRODUCT RANGE

Over 10,000 products permanently in stock (guaranteed).



WE WORK WITH THE CHANNEL

We sell through the distribution channel, enabling us to gain first-hand market knowledge.



WE ARE EXPERT MANUFACTURERS

Over 30 years of experience in manufacturing fixing systems enables us to ensure the maximum quality of all our products, the best service, and competitive overall costs.



CERTIFIED QUALITY

We hold the most important certificates and approvals, verifying that all of our products meet the highest quality standards.



INTERNATIONAL PRESENCE

We are a global company with sales in more than 90 countries on the five continents and facilities in Spain, China and Mexico.



ENGINEERING AND TECHNICAL SUPPORT SERVICES

We support our customers with structural design and calculations, joint site visits, and technical training on topics related to fixing systems.



QUALITY CUSTOMER SERVICE

Our customers are at the heart of everything we do. We have a team of over 300 people at your service.



INDEX SPACE STUDIO

We have the perfect display solution for all our customers, whatever their business.



AVAILABILITY AND WIDE PRODUCT RANGE

We are specialists in anchors, screws, clamps, and installation systems. We have the widest range of products, with over 10,000 items permanently in stock (guaranteed) at our facilities in Spain, China, and Mexico (over 45,000 m²).



**WE HAVE ALL THE
FIXINGS YOU COULD
POSSIBLY NEED AND
WE ARE CONSTANTLY
INCORPORATING NEW
PRODUCTS: anchors,
screws, clamps,
installation systems,
etc.**



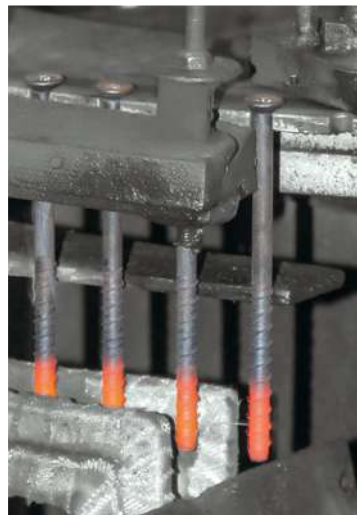


WE ARE EXPERT MANUFACTURERS

Our control over the entire production process combined with over 30 years of experience in manufacturing fixing systems enables us to ensure the maximum quality of all our products, the best service, and competitive overall costs.



**OVER 30 YEARS OF
EXPERIENCE**





INTERNATIONAL PRESENCE

We sell in more than 90 countries on the five continents, and our products have been used in the largest construction projects worldwide.





QUALITY CUSTOMER SERVICE

To guarantee the perfect fixing, we have a team of over 300 people at your service and 45,000 m² facilities with a 22,000 pallet capacity, guaranteeing a delivery time of 24-48 hours and a fast response to any queries you may have.



**OVER 300 PEOPLE AT
YOUR SERVICE**





WE WORK WITH THE CHANNEL

At **INDEX®**, we sell through the distribution channel, enabling us to interact directly with our customers. We operate in the most important channels, offering product ranges adapted to each channel and highly qualified professionals to provide you with the best service.





CERTIFIED QUALITY

Our obsession with perfection drives us to continually expand our certifications and approvals from independent laboratories and the primary authorities, ensuring the maximum quality of our products and management systems.

APPROVALS



European Technical Assessment



European Conformity



Seismic Assessment



ICC-ES®



Fire resistance



Underwriters Laboratories



FM Assessment



Leadership in Energy and Environmental Design



Low VOC emissions



Water regulations Advisory Scheme

CERTIFICATIONS



OUR COMMITMENT TO QUALITY THROUGH THE TÜV CERT CERTIFICATION GUARANTEES THAT INDEX® HAS IMPLEMENTED A QUALITY MANAGEMENT SYSTEM THAT COMPLIES WITH THE ISO 9001:2015 STANDARD



ENGINEERING AND TECHNICAL SUPPORT SERVICES

We offer full technical consultancy through our team of specialist engineers. We have a technical assistance service, our own specialised software, and the most extensive range of technical documentation.

And most importantly, our team will support you in structural design and calculations, site visits, and technical training on everything related to fixing systems.

TECHNICAL ASSISTANCE AND CONSULTING SERVICE



TECHNICAL TRAINING



ENGINEERING SERVICES AND CALCULATIONS

SPECIALISED SOFTWARE



INDEXcal



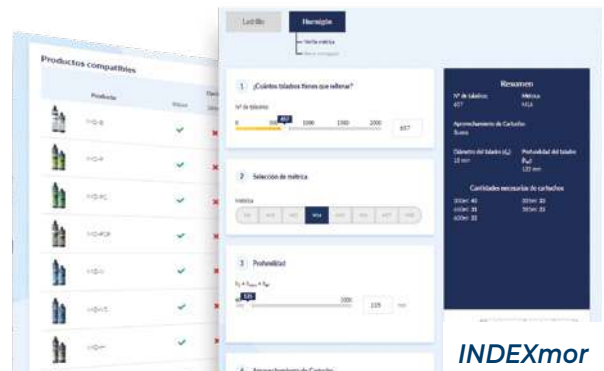
INDEXwood

We have the best software to meet the needs of each specific case.

INDEXcal software to calculate anchors and to design structural solutions.

INDEXwood software to design and calculate timber structures.

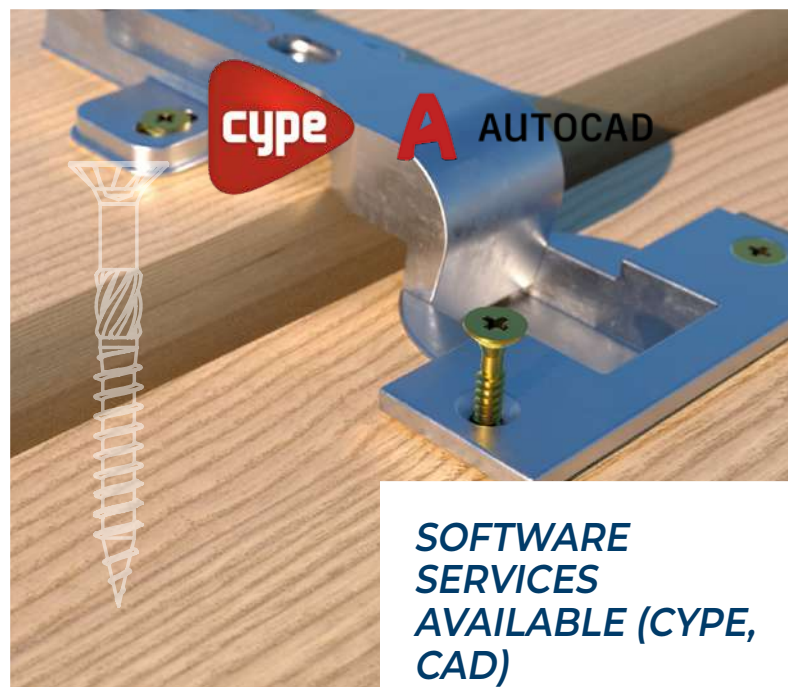
INDEXmor online tool to calculate the required number of chemical cartridges according to different parameters.



INDEXmor



WIDE RANGE OF TECHNICAL DOCUMENTATION AVAILABLE



SOFTWARE SERVICES AVAILABLE (CYPE, CAD)



INDEX Space Studio is the INDEX® customised display design and installation service for customers.

This service is unique to the market and 100% customisable according to the specific needs of each customer (e.g., product, packaging format, rotation, and/or business type), aiming to maximise the sales space.





ADVANTAGES AND CHARACTERISTICS

- **CUSTOMISABLE.** Installation service adapted to the needs of each business.
- **100% OPTIMISED INSTALLATIONS.** The system is designed to maximise the available space at the point of sale.
- **MULTIPLE SOLUTIONS.** We offer a wide range of display solutions. Gondola, wall, end cap, island, promotional, etc.
- **QUALITY AND SAFETY.** We work with high-quality furniture that guarantees the maximum safety and robustness of all components.
- **VERSATILITY.** The system is compatible with all **INDEX®** products and packaging.
- **WE OPTIMISE THE RESTOCKING PROCESS.** Aware of the importance of facilitating the restocking and maintenance of shelves, our furniture and packaging guarantee the most ergonomic and practical set-up.
- **MAXIMUM PRODUCT VISIBILITY.** Designed to improve the end customer's purchasing decisions. We offer multiple visual merchandising solutions that complement and improve the installation.



HOW DOES IT WORK?

INDEX SPACE STUDIO has 6 easy steps:

1. ANALYSIS

The **INDEX®** sales team works with the customer to analyse their needs (e.g., available space, products to be incorporated, type of packaging, etc.)

2. DESIGN

With the information obtained, the specialised installation team organises and optimises the product selection.

3. PRESENTATION

The proposed installation solution is presented with a 3D simulation of the shelving and the planogram, showing the arrangement of the product selection.

4. PREPARATION AND SHIPPING

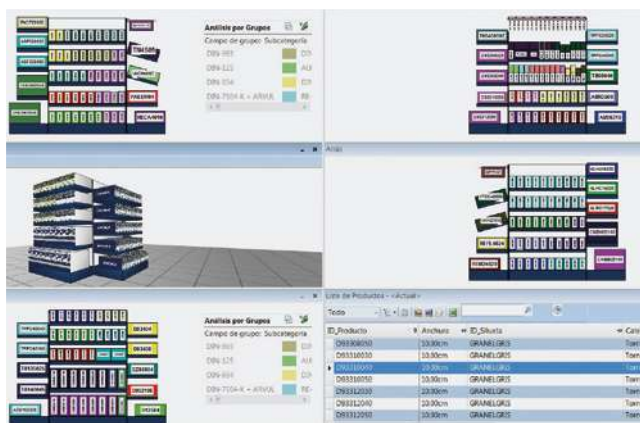
To facilitate display assembly, new installation shipments are prepared separately from other usual orders.

5. ASSEMBLY

The **INDEX®** specialised assembly team carries out the entire initial assembly. Installation of the furniture, location of the product, and installation of merchandising elements.

6. MAINTENANCE AND MONITORING

We ensure regular inspections of each shelf installation, proposing possible improvements, maintaining it in optimal and updated conditions, and facilitating restocking.





TYPES OF SHELVES

GONDOLA



SLOPING SHELVES

Improves the display of all products. Recommended for window box and INDEXmix display formats.



BULK DRAWERS

Available in metal and recycled plastic. Ideal for the presentation of bulk products.



HOOKS

Available in 30, 40 and 50 cm. Recommended for displaying blister packs and EASYkits products.



STRAIGHT SHELVES

Suitable for the presentation of heavy products such as professional boxes and containers. Combined with separators, it is perfect for chemicals, silicones, and polyurethane foams.

PROMOTIONAL DISPLAYS AND OTHERS



ISLAND

Possible combinations.

Measurements per unit:
100 x 50 x 150 cm (W x D x H)



3 units
100 x 150 x 150 cm



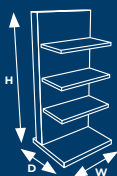
4 units
100 x 200 x 150 cm



6 units
100 x 300 x 150 cm



8 units
100 x 400 x 150 cm



SIZES AVAILABLE IN STOCK for gondola/wall, end cap, and island displays:

- **W:** 100 cm.
- **H:** 165, 195 and 240 cm.

Other sizes available **upon request**. (Delivery time of 4 weeks):

- **W:** 50, 70, 85 and 130 cm.
- **H:** 135, 150, 225 and 255 cm.
- **D:** 50 cm.

TYPES OF PACKAGING

Aware of varying quantity and packaging needs, INDEX® has developed different alternatives to meet the specific needs of each user.

All our packaging is made from recyclable, 100% sustainable, and environmentally friendly materials.

We facilitate the identification and selection of products with our colour-coded labelling system.





PROFESSIONAL BOX

Designed with highly resistant recycled cardboard to withstand the most demanding jobs.



BOX WITH WINDOW

Visual and appealing. Recommended for automatic sales shelves.



BLISTER PACKS & EASYkits

The best solution for customers in need of small quantities.



PLASTIC CONTAINERS

These are the perfect solution for large installers. They facilitate on-site handling and have an appealing design.



SELF SERVICE BAGS

Ready to be placed on the shelf. Intermediate quantities between professional boxes and blister packs.



BULK

Available for anchors, screws, clamps, and cable ties. A good solution for installations with automatic sales spaces.



TH & TF

NEW RANGE, COMPLETE MANUFACTURE
APPROVED ANCHORS FOR DIRECT FIXING IN CRACKED AND
NON-CRACKED CONCRETE

More information on page 52



- **100% INDEX®** COMPLETE MANUFACTURE
- **ETA OPTION 1 ASSESSED**
- **SEISMIC C1&C2 ASSESMENT and FIRE RESISTANCE**
- **9 DIFFERENT MODELS AVAILABLE**
- **COATINGS AVAILABLE: ATLANTIS C3-H and ZINC-PLATED**
- **AVAILABLE IN A COMPLETE RANGE OF DIAMETERS**





THE



Hexagon head.
ATLANTIS C3-H coating.



THA



Countersunk head.
ATLANTIS C3-H coating.



THP



Pan head.
ATLANTIS C3-H coating.



THT



Truss head.
ATLANTIS C3-H coating.



TFE



Hexagon head.
Zinc-plated coating.



TFN



Hexagonal head without washer.
Zinc-plated coating.



TFM



Male thread head.
Zinc-plated coating.



TFF



Female thread head.
Zinc-plated coating.



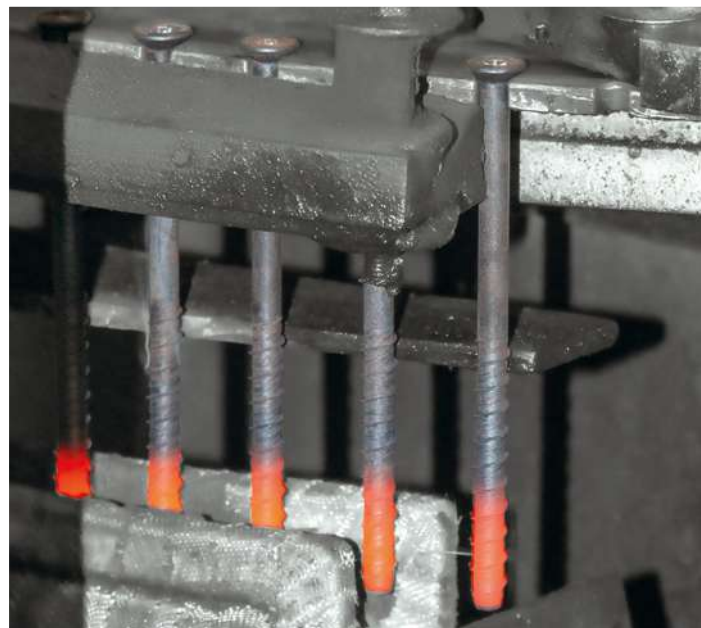
TFS



Fixing stud. Zinc-plated coating.

CHARACTERISTICS AND ADVANTAGES

- Optimised threads to guarantee maximum loads.
- Removable anchor.
- Approved for cracked and non-cracked concrete.
- Seismic C1&C2 assesment and fire resistance R30-R120.
- It is not necessary to clean the holes in vertical installations (ceiling and floor).
- It can be unscrewed for correct adjustment.
- Up to three screw-in depths.
- High protection against corrosion (ATLANTIS C3-H version)
- Available in a complete range of diameters.
- Screwed with impact power tool.





NEW RANGE MS ADHESIVES HYBRID POLYMER

PROFESSIONAL, TRANSPARENT AND HIGH-TACK

PAGE 84

NEW RANGE SILICONES

ACETIC, UNIVERSAL AND SANITARY



PAGE 88

NEW ANCHOR SIZES MTH-A2



ETA Option 7 assessed. A2 stainless steel shaft and clip.
M6 x 170 Ø6 | M6 x 180 Ø6

PAGE 319

NEW VERSIONS DROP-IN ANCHORS SHORT AND ATLANTIS C3-L



HE-HC: SHORT



HE-NS: ATLANTIS C3-L



PAGE 68

EXTENSION OF
METRIC SCREWS RANGE

PAGE 209

NEW PRODUCTS

- DIN-1587
- DIN-6921
- DIN-933 A2
- DIN-931
- DIN-6798 A
- DIN-6923
- DIN-608
- DIN-125 A2
- DIN-9021 A2
- DIN-985 A2
- DIN-934 A2
- TU-MA (WING NUT)

MORE MEASUREMENTS AVAILABLE

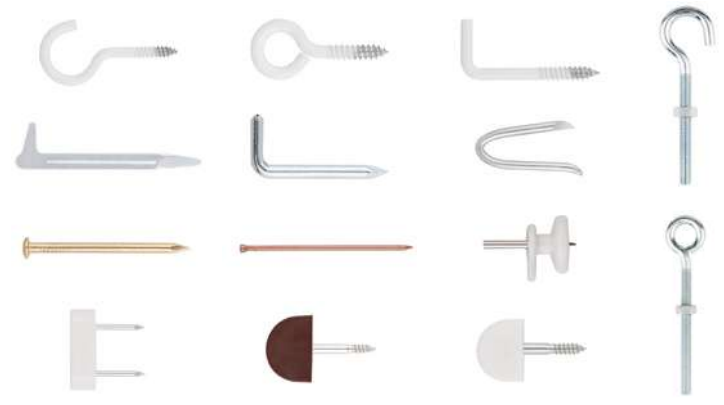
- DIN-84
- DIN-603/934
- DIN-912
- DIN-933
- DIN-963
- DIN-965
- DIN-7985
- DIN-125
- DIN-127
- DIN-934
- DIN-985
- DIN-9021



EXTENSION OF
HARDWARE RANGE

PAGE 189

- WHITE LACQUERED NUTS AND HOOK SCREW
- FLAT AND ROUND HOOK SCREWS
- COPPER-PLATED STEEL NAILS
- METRIC THREAD NUTS
- U NAILS
- CABINET PEGS
- EASY PICTURE HOOK



NEW
HEAVY-DUTY CLAMPS

PAGE 235

- **AB-AIS** - THERMAL ISOLATION CLAMPS DE 13 mm, 19 mm, 30 mm, and 40 mm.
- **AB-DES**- HEAVY-DUTY ISOPHONIC SLIDING CLAMP M8 + M10
- **AB-ICP**- HEAVY-DUTY ISOPHONIC CLAMP FOR HEAVY LOADS
- ARTICULATED HANGER (**CO-AR**) and EXPANSION GUIDE (**PA-EX**)



INTUMESCENT COLLAR
AB-CI



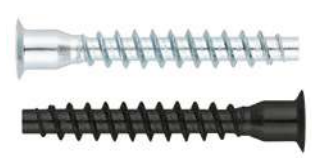
PAGE 265

PERFECT ADJUSTMENT BIT



PAGE 229

ASSEMBLY SCREW
TRE-Z AND TRE-PV



PAGE 185

MALE/FEMALE SEPARATOR
MA-MH



PAGE 300

NEW RANGE

PAGE 121

CABLE/CHAIN ACCESSORIES



- **SJ-Z** - CABLE CLIP DIN-741
- **TS-GA** - TURNBUCKLE DIN-1480
- **EV-H** - FEMALE ELEVATION RING D-582
- **EV-M** - MALE ELEVATION RING D-580
- **GR-Z** - STRAIGHT SHACKLE
- **GD-Z** - THIMBLE DIN-6899/A

NEW SIZES AND NEW PRODUCTS

PAGE 283

PROFILES AND SUPPORTS



- **GL-0 & GP-0** - ATLANTIS C2-M SMOOTH AND PERFORATED OMEGA GUIDE
- **TO-GR** - FAST-FIXING GUIDE STOP SCREW
- **TU-GRA** - GUIDE NUT WITH FAST-FIXING WASHER

NEW

PAGE 269

PLASTIC CLAMPS



TACOBRI-G

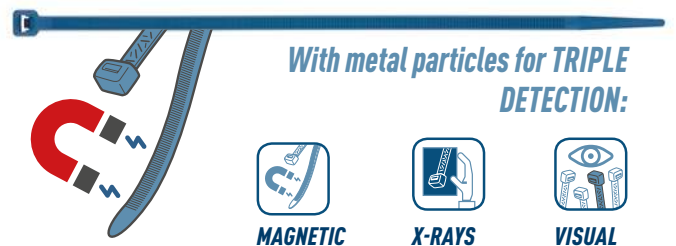
BN-GR

CABLE FIXING ELEMENTS

NEW

PAGE 273

DETECTABLE CABLE TIES BN-DT



HOSE CLAMP ROLL AB-SF IR A2



PAGE 335

NEW TORX SCREWS DIN-7504-P HT Z & DIN-7504-N HT Z



PAGE 156

EXTENSION OF ZINC-COATED RANGE TIMBER CONNECTORS



PAGE 201




















































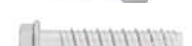








































































































NEW PRODUCTS FIXINGS FOR BATHROOM FITTINGS



PAGE 305

LIST OF CONTENTS









Metal fixings

MTP	  Option 1	45		 	CH-PL	  Option 7	62	
MTP-A4	  Option 1	45		 	CH-PI	  Option 7	62	
MTP-X	  Option 1	46		 	CH-INB	  Option 7	63	
MTP-G	  Option 1	46			CH-INN	  Option 7	63	
MTH	  Option 7	47			CH-ES		63	
MTH-A4	  Option 7	48			CH-GA		64	
MTH-A2	  Option 7	49			CH-GE		64	
MTA		50			CH-GF		64	
TWA		50			CH-GF A2		64	
DO-MT		50			CH-AR		65	
NEW THE	  Option 1	53		 	CH-AF		65	
NEW THA	  Option 1	54		 	CH-AF A2		65	
NEW THP	  Option 1	54		 	HE-HO	  Option 7	67	 
NEW THT	  Option 1	54		 	HE-A4	  Option 7	67	 
NEW TFE	  Option 1	55		  NEW	HE-CL	  Option 7	67	 
NEW TFN	  Option 1	55		 	HE-HC		68	
NEW TFS	  Option 1	56		  NEW	HE-NO		68	
NEW TFM	  Option 1	56			HE-NS		68	
NEW TFF	  Option 1	56			EXP		68	
HP		58			HC	 	69	 
HP TP		58			TALA		69	
HR		58			TA-ME		69	
HEA		58			AN-CU	 	69	 
HEA + ARVUL		58			ZA-CA		70	
SL-PT	  Option 1	59			ZA-TO		70	
SL-PC	  Option 1	59			ZA-TL		70	
CH-TO	  Option 7	61			ZA-PR		70	
CH-A2	  Option 7	61			ZA-ES		71	
CH-8.8	  Option 7	62			ZA-GA		71	
CH-8.8 E		62			ZA-GF		71	
					ZA-AR		71	

























LIST OF CONTENTS













ZA-AF	71		MO-HW Option 1	80		
AC-CA	72		MOPURE Option 1	81		
AC-CI	72		MOPUR3 Option 1	81		
AC-TO	72		MOPISTO	82		
AC-ES	72		MOPISSI	82		
AC-GA	72		MOPISPUR6	82		
AC-AR	72		MOPISNEU	82		
HI-CA	73		MOPISP3	82		
HI-CI	73		MOBOMBA	82		
HI-TO	73		MORCANU	82		
HI-GA	73		MORCAPU	82		
HI-AR	73		MORCEPKIT	82		
EPS	74		MO-TN	82		
TRA	74		MO-TM	82		
AVR	74		MO-TR	82		
AVC	74		MO-ES	82		
AN-23	75		CA-QU Option 8	83		
AN-51	75		EQ-AC	83		
AN-50 CT	75		EQ-A2/EQ-A4	83		
TC-SO 2	75		NEW MS-PR	86		
TC-SO 8	75		NEW MS-TR	87		
AN-TA	75		NEW MS-SF	87		
Chemical fixings			NEW SI-PR	90		
NEW MO-PU Option 7	79		NEW SI-PRS	91		
NEW MO-P+ Option 7	79		NEW SI-UNI	92		
NEW MO-PS+ Option 7	79		NEW SI-UNS	92		
NEW MO-PSP+ Option 7	79		NEW SE-ACR	93		
MO-V Option 7	80		NEW MS-CA	93		
MO-VS Option 7	80		PU-SP	94		
MO-H Option 1	80		PU-SC	94		

LIST OF CONTENTS
















	PU-TP	94	
NEW	PU-TC	94	
	PU-FP	95	
NEW	PU-FC	95	
NEW	PU-EP	95	
	PU-PI	96	
	PU-CA	96	
	PU-CL	96	

Plastic fixings













	T-NUX A		99	
	T-NUX A A4		99	
	T-NUX E		99	
	T-NUX E A4		100	
	T-NUX T		100	
	T-FUX E		100	
	T-NUX		100	
	TC-6A		101	
	TC-6E		101	
	TC-2A		101	
NEW	TC-SP		101	
	TC-SP EP		102	
	TC-CA		102	
	TC-CA EP		102	
	TC-A2		103	
	TC-CC		103	
	AIS		103	
	AIS-C		103	

	TN4S	104	
	TN4S EP	104	
NEW	TN4S-L	104	
	MEDU	107	
	TACON	107	
	TACOL	107	
	TACOL-A	107	
	IPA-GR	108	
	IPA-GN	108	
	IPA-AR	108	
	IPA-TO	108	
	TA-PL	108	















Fixings & accesories for Plasterboard

	BA-ES	110	
	BA-GA	110	
	CA-BA	110	
	PA-ES	111	
	PA-GA	111	
	CA-PA	111	
	IN-CO	112	
	IN-HE	112	
	IN-SI	112	
	INPIN	113	
	INPIS	113	
	ANCLA	114	
	TAPLA NY	114	
	TAPLA ME	114	
	TAPLA ZK	114	

Rivets

RE-NO	116	
RE-IN	117	
RE-CA	117	
RE-BL	117	
RE-NE	118	
RE-FL	118	
TR-AV	119	
TR-CA	119	
TR-CR	119	
RM-MA	120	
RM-PA	120	
RM-EX	120	

Rigging hardware





























NEW	SJ-Z	122	
NEW	TS-GA	122	
	CM-TENSO	123	
	CM-TENSOVE	123	
	CM-TT	123	
NEW	EV-H	123	
NEW	EV-M	124	
NEW	GR-Z	124	
NEW	GD-Z	125	
	CM-BP	126	
	CM-BT	126	
	CM-TA	126	
	CM-TP	126	
	CM-UN	126	





Fixings & accesories for Drywall

PL-F	CE	128	
PL-EP	CE	128	
PL-RA	CE	129	
PL-TR	CE	129	
PL-CA	CE	129	
CP-PA	CE	130	
CP-GV	CE	130	
CP-AC		130	
CP-MV		130	
OME	CE	131	
NEW	MAB	131	
	HO-CU	131	
	HO-CR	131	
	EMP	132	
	CAB	132	
	ADU	132	
	PCU	132	
	SUS	133	
	TR-BL	133	
	TR-13	133	
	TR-15	133	

























LIST OF CONTENTS

Direct fixing





































FP08GUN	CE	136	
FP12GUN	CE	136	
FP-IP		137	
FP-CR		137	
FP-CG 08		137	
FP-CL 08		137	
FP-AP 08		137	
FP-C30		137	
FP-AM 08		138	
FP-CR 08		138	
FP-PI 08		138	
FP-CG12		138	
FP-CGD12		138	
FP-CL12		138	
FP-CLD12		139	
FP-CT12		139	
FP-PISCL08		139	
FP-PISPL08		139	
FP-PISCL12		139	
FP-PISCM12		139	
FP-PISCT12		139	
FG-GUN	CE	140	
FG-CL		141	
FG-CLH		141	
FG-PLET		141	
NEW AB-PID		142	
FG-ABRA		142	
FG-BASE		142	



FG-IMAN	142	
FG-BAT	142	
FG-CAR	142	
FG-GAS	142	

Screws for decking and façades

DIN-7504-K	144	
DIN-7504-K A2	144	
DIN-7504-K + ARVUL	145	
DIN-7504-K CP + ARVUL	145	
AUTO	146	
AUTO + ARVUL	146	
ABE BIMETAL	146	
ABE BIMETAL + ARVUL	146	
AUTO BIMETAL	147	
AUTO BIMETAL + ARVUL	147	
DIN-7504-K RE	147	
DIN-7504-K RE + ARVUL	148	
AUE	148	
AUE + ARVUL	148	
PS 3	149	
PS 3 + ARVUL	149	
NEW PS 3 + ARVUL A2	149	
PS 5	149	
PS 5 + ARVUL	149	
NEW PS 5 + ARVUL A2	149	
FIBR	150	
ARVUL	150	
ARVUL A2	150	
ATAP	150	

Drill, tapping and pvc screws


















DIN-7504-N HP Z	152	
DIN-7504-N HP A2	153	
DIN-7504-N HP N	153	
DIN-7504-N HP B	153	
NEW DIN-7504-N HT 	154	
DIN-7504-N HC Z	154	
DIN-7504-P HP Z	155	
DIN-7504-P HP N	155	
NEW DIN-7504-P HT 	156	
ABA  	156	
ATA  	156	
RS	157	
BCP Z	157	
BCP A2	157	
BCP N	157	
BCP B	157	
BCP CB	157	
TAEZ	158	
TAEN	158	
DIN-7981 HP Z	158	
DIN-7981 HP B	159	
DIN-7981 HP N	159	
DIN-7982 HP Z	160	
CP Z	161	
CP A2	161	
CP B	161	
CP N	161	
PVC-10 Z	163	
PVC-20 B	163	
PVC-20 Z	163	

PVC-30	163	
PVC-40 B	163	
PVC-40 Z	164	
PVC-50 B	164	
PVC-50 Z	164	
PVC-70	164	
PVC-70 TP	164	
PVC-90	164	
PVC-VEK	165	
PVC-VEK 13	165	
PVC-VEK 10	165	
PVC-KOM 10	165	













Wood screws

TEX-BP   	168	
TEX-ZP   	169	
TEX-BT   	170	
TEX-ZT   	171	
TEX-A2   	171	
TEC-BT   	173	
TEX-AB	173	
TP-PO B   	176	
TP-PO Z   	178	
TP-TO   	180	
TP-A2   	181	
TR-PO   	181	
DIN-571 	182	
DIN-571 A2 	183	
571 TR 	183	
INV Z 	183	
INV A2 	184	

LIST OF CONTENTS

INV N	CE	184	
ESTRINV Z		184	
ESTRINV N		184	
NEW TRE-Z		185	
NEW TRE-PV		185	
FS Z		185	
FS 3009		185	
FS 3011		185	
FS 5010		186	
FS 6005		186	
FS 8004		186	
FS 8017		186	
FS 8019		186	
FS 9006		187	
FS 9010		187	
FS 9011		187	
FIMA		187	

Nails and bolts



















NEW AL-RE		190	
NEW AL-PL		190	
AL-RO		191	
NEW AL-RO B		191	
AL-HC		192	
NEW AL-HC B		192	
AL-HA		193	
NEW AL-HA B		193	
NEW HC-RM		194	
NEW HA-RM		194	
PA-CP		195	
NEW PA-CC		195	

NEW PA-CX		196	
NEW GM-Z		196	
NEW CF-B		196	
NEW SV-NB		197	
NEW SV-NM		197	
NEW SV-C		197	
MLTPPOP		198	
MLTBOP		198	
MLTPPOT		199	
MLMULT		199	
MLPLAT		199	

Wood connectors














SO-UO		202	
SO-UR		202	
SC-EI		202	
SC-ED		202	
SC-LD		203	
SC-GA		203	
SC-RF		203	
SC-RG		203	
SC-AS		203	
SC-CE		203	
SC-OB		204	
NEW SC-CD Z		204	
SC-CI		204	
SC-EM		204	
SC-ER		204	
NEW SC-GE Z		205	
NEW SC-LC		205	
SC-MX		205	
SC-PD		205	

LIST OF CONTENTS













NEW	SC-RE Z	205	
	PT-BR	206	
	PT-EM	206	
	PT-ET	206	
	PT-OB	206	
	PT-TT	206	
	PT-UN	206	
	AP-AR	207	
	AP-AT	207	
	AP-FL	207	
NEW	AP-FU Z	207	
	AP-PD	207	
	AP-PG	208	
	AP-PT	208	
NEW	AP-UE Z	208	
	AP-SB	208	
	AP-EN	208	
	VM-PF	208	

Standardized nuts and bolts

	DIN-933	210	
NEW	DIN-933 A2	212	
NEW	DIN-931	213	
NEW	DIN-6921	214	
	DIN-912	215	
	DIN-603/934	216	
NEW	DIN-608	217	
	DIN-84	217	
	DIN-7985	218	
	DIN-963	219	
	DIN-965	219	

	DIN-934	220	
NEW	DIN-934 A2	220	
	DIN-985	221	
NEW	DIN-985 A2	221	
NEW	DIN-6923	222	
NEW	DIN-1587	222	
NEW	TU-MA	222	
	DIN-125	223	
NEW	DIN-125 A2	223	
	DIN-9021	224	
NEW	DIN-9021 A2	224	
	DIN-127	225	
NEW	DIN-6798 A	225	

Plugs, tips and accessories



























	B-HDS	228	
	PU-PH	228	
	PU-TO	228	
NEW	PU-OX	229	
	PU-PO	229	
	PU-CU	229	
	BOCA	230	
	PU-PM	230	
	ATAP	230	
	TP-CR B	231	
	TP-CR N	231	
	TP-TP	231	

LIST OF CONTENTS












Heavy metal clamps

AB-RA	236	
AB-IA	237	
AB-IR	237	
AB-RE	238	
AB-RE V	238	
AB-RE A2	239	
AB-RE A4	239	
AB-RI	240	
AB-RI V	240	
AB-RI A2	241	
AB-RI A4	241	
NEW AB-RI DES	242	
NEW PA-EX	242	
NEW CO-AR	242	
NEW AB-ICP	242	
NEW AB-AIS 13	243	
NEW AB-AIS 19	243	
NEW AB-AIS 30	243	
NEW AB-AIS 40	243	
AB-GA	244	
AB-M8	244	
AB-DE Z	245	
AB-DE G	245	
AB-DP Z	245	
AB-DP G	245	
AB-ZI	246	
NEW AB-ZI A2	246	
AB-SA	247	
AB-GP	247	





Light metal clamps

AB-M6	252	
AB-M6 Z	252	
AB-M6 A2	253	
AB-D6	253	
AB-D6 Z	253	
AB-6I	254	
AB-DI	254	
AB-M7 Z	255	
AB-D7 Z	255	
AB-7I Z	256	
AB-7ID Z	256	
AB-PI	257	
AB-PU	257	
AB-IP	258	
AB-SI	258	
AB-TO	258	
AB-SF	259	
AB-SF A2	259	
NEW AB-SF IR A2	260	
NEW AB-SF IRC A2	260	
NEW AB-SF IRR A2	260	
CI-PE	260	
CI-PE A2	260	
CI-PR	260	
AB-CR	261	
AB-BU	261	
AB-GM	261	
AB-GS	262	
AB-GD	262	












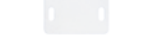









Fire protection systems














AB-PE	264		
AB-CH	264		 
NEW AB-CI	265		
AN-CU  	265		

Gutter Supports

















TE-MO	268	
TE-GA	268	
TE-GR	268	
TE-PE	268	

Plastic clamps

BN-N 	271	
BN-B 	272	
TACOBRI N	272	
TACOBRI B	273	
NEW BN-GR	273	
NEW TACOBRI G	273	
NEW BN-DT	273	
BN-ID	274	
BN-PL	274	
BN-BA	274	
BN-VE	274	
BN-MA	275	
BN-AM	275	
BN-AZ	275	
BN-RO	275	
AB-IN	276	
AB-ID	276	
AB-GU	277	
AB-MUG	277	

AB-PR	278	
AB-MS	278	
AB-MD	278	
AB-TS	279	
AB-TD	279	
AB-TC	279	
NEW FI-CA AB	280	
NEW FI-CA PS	280	
NEW FI-CA PD	280	
NEW FI-CA CL	280	
GR-NY BL	281	
GR-NY N	281	
GR-NY NT	281	





Profiles and supports

GP-Z	286	
GP-G	286	
GP-A2	286	
GP-PL	286	
GP-PVC	286	
NEW GL-O	287	
NEW GP-O	287	
SP-Z	287	
SP-V	287	
SP-H	288	
SP-HX	288	
TO-GU	288	
NEW TO-GR	288	
TU-GU	288	
NEW TU-GRA	289	
EG-Z	289	



LIST OF CONTENTS

	EG-A2	289	
NEW	PU-Z	289	
	PG-Z	289	
	PG-A2	289	
	SO-TP	290	
	GP-X 21	290	
	GP-X 41	290	
	SP-X	290	
NEW	SP-RX	290	
NEW	SP-UX	291	
NEW	PR-X	291	
NEW	RE-SX	291	
NEW	TG-X	291	
NEW	TO-GRX	291	
	TU-GX	291	
	TU-MU	292	
NEW	TU-RX	292	
NEW	TU-RXA	292	
NEW	EG-X	292	
NEW	SC-RX	292	
NEW	EMP-X	292	
NEW	RT-X	293	
NEW	UN-PX	293	
NEW	UN-EX	293	
NEW	UN-TX	293	
NEW	PG-X	293	
NEW	AB-GX	293	
	SO-TP	290	
NEW	UN-CO	294	
NEW	SO-PG	294	





















Steel beam clamps

SU-MO	296	
SU-CL	296	
SU-VA	296	
SU-CU	296	

Threaded rod and fixing accessories

RV-ZN	298	
RV-A2	298	
RV-2M	298	
VR-SE	299	
MAHE	299	
MARE	299	
MARI	300	
NEW MA-MH	300	
AR-FO	300	
GA-FO	300	
GE-SP	300	
AB-TA	301	
AB-TA B	301	
AB-TA A2	301	
NEW AB-TR	301	
AB-PM 7	302	
AB-TG	302	
TM-VR	302	
ES-DR	303	
ES-DA2	303	
AB-FP	304	
AB-FC	304	
PF-A4	304	
PF-ZN	304	



















































Bathroom and air conditioning fixings

RA-TRG	306	
RA-TRI	306	
RA-FRE	306	
RA-FIN	306	
RA-RO	307	
RA-FEM	307	
RA-RAY	307	
RA-PES	307	
SA-LN	308	
SA-LH	308	
SA-IL	308	
SA-WZ	308	
SA-WL	308	
SA-CI	309	
SA-WH	309	
NEW SA-WHM	309	
NEW SA-TE TB	309	
NEW SA-TE AL	309	
CO-SO	310	
CO-KS	310	


































Easykits 312



Stainless range


















MTP-A4	  Option 1	318		
MTH-A4	  Option 7	318		
MTH-A2	  Option 7	319		
DO-MT		319		
CH-A2	  Option 7	320		
CH-PI		320		
CH-GF A2		320		
CH-AF A2		321		
HE-A4	  Option 7	321		
AC-CI		321		
HI-CI		321		
AVR		322		
AVC		322		
EQ-A2		322		
EQ-A4		322		
T-NUX A A4	 	323		
T-NUX E A4	 	323		
TC-A2		323		
DIN-7504-K A2		324		
ABE BIMETAL		324		
ABE BIMETAL + ARVUL		324		
AUTO BIMETAL		325		
AUTO BIMETAL + ARVUL		325		
NEW PS 3 + ARVUL A2		325		
NEW PS 5 + ARVUL A2		325		
ARVUL A2		326		
DIN-7504-N HP A2		326		
BCP A2		326		
CP A2		326		
TEX-A2	 	327		

LIST OF CONTENTS









TP-A2		327	
DIN-571 A2		328	
INV A2		328	
NEW DIN-933 A2		329	
NEW DIN-934 A2		330	
NEW DIN-985 A2		330	
NEW DIN-125 A2		331	
NEW DIN-9021 A2		331	
AB-RE A2		332	
AB-RE A4		332	
AB-RI A2		333	
AB-RI A4		333	
NEW AB-ZI A2		334	
AB-M6 A2		334	
AB-SF A2		334	
NEW AB-SF IR A2		335	
NEW AB-SF IRC A2		335	
NEW AB-SF IRR A2		335	
CI-PE A2		335	
SA-IL		336	
SA-CI		336	
GP-A2		336	
EG-A2		336	
PG-A2		337	
RV-A2		337	
MARI		337	
AB-TA A2		337	
ES-DA2		338	
RE-IN		338	
PF-A4		338	

PROTECTION AGAINST CORROSION

CORROSION CATEGORIES

CORROSION CATEGORIES	CORROSION LEVEL	TYPICAL ENVIRONMENTS: EXAMPLES OF ISO9223		INDEX® COATINGS AVAILABLE
		INDOOR	OUTDOOR	
C1	VERY LOW	Heated spaces with low relative humidity and insignificant contamination, such as offices, schools, museums.	Dry or cold areas, atmospheric environment with very low contamination and little humid weather, such as certain deserts, central Arctic or Antarctic.	 ZINC ZINC-PLATED  ZINC-PLATED BLACK  ZINC-PLATED WHITE  PH PHOSPHATED COATED  P YELLOW PLASTIC COATED
C2	LOW	Unheated spaces with variable temperature and relative humidity. Low condensation frequency and low contamination, such as storage, sports pavilions.	Temperate areas, atmospheric environment with low contamination (SO ₂ : <5 g/m ³), such as rural areas and small cities. Dry or cold areas, atmospheric environment with little humid weather, such as deserts and sub-Arctic areas.	 ATLANTIS C2-H  ATLANTIS C2-M  ATLANTIS C2-L  B YELLOW ZINC PLATED  G BLUE ORGANIC GALVANISED
C3	MEDIUM	Spaces with moderate condensation frequency and moderate contamination from a production process, such as food processing plants, laundries, breweries, dairies.	Temperate areas, atmospheric environment with medium contamination (SO ₂ : 5µ g/m ³ to 30µ g/m ³) or some chloride effects, such as urban areas, coastal areas with low chloride deposition. Tropical and subtropical area, atmosphere with low contamination.	 ATLANTIS C3-H  ATLANTIS C3-M  ATLANTIS C3-L  INOX AISI 430 STAINLESS AISI 430
C4	HIGH	Spaces with high condensation frequency and high contamination from a production process, such as industrial processing plants.	Temperate areas, atmospheric environment with high contamination (SO ₂ : 30 g/m ³ a 90 g/m ³) or substantial chlorides effects, such as contaminated urban areas, industrial areas, coastal areas without salt water spray (1-10 km), or exposure to strong salinity effects. Tropical and subtropical areas, atmosphere with medium contamination.	 ATLANTIS C4-M  A2 INOX AISI 304 STAINLESS A2 (AISI 304)
C5	VERY HIGH	Spaces with a very high frequency of condensation and/or high contamination from a production process, such as mines, industrial vaults, unventilated spaces in tropical and subtropical areas.	Temperate and subtropical areas, atmospheric environment with very high contamination (SO ₂ : 90 g/m ³ to 250 g/m ³) and/or significant chloride effects, such as industrial areas, coastal areas (0-1 km), protected installations on the coast.	 A4 INOX AISI 316 STAINLESS A4 (AISI 316)

QUICK SELECTION GUIDE

		CORROSION CATEGORIES				
		C1	C2	C3	C4	C5
ENVIRONMENTAL AND/OR ATMOSPHERIC CONDITIONS	 INDOOR WITHOUT CONDENSATION	✓				
	 INDOOR WITH TEMPORARY CONDENSATION		✓			
	 OUTDOOR IN RURAL AREAS WITH VERY LOW CONTAMINATION		✓			
	 OUTDOOR WITH LOW CONTAMINATION			✓		
	 OUTDOOR WITH MODERATE CONCENTRATION OF CONTAMINATION				✓	
	 COASTAL AREAS					✓
	 OUTDOOR WITH STRONG INDUSTRIAL CONTAMINATION					✓
	 AREAS CLOSE TO ROADS					✓

* The selection indicated in the table is for expected exposures of 25 years, providing proper maintenance.

* In the case of installations with approved products, the use in these environments is not covered by European Technical Approval (ETA) of anchors, where it is established that only stainless steel anchors may be installed outdoors and assuming a working life of the anchor of at least 50 years.

ICONOGRAPHY













MATERIALS AND PRODUCT COATINGS

 Stainless A2	 Stainless A4	 Stainless	 Bimetal	 Atlantis C4-M
 Atlantis C3-H	 Atlantis C3-M	 Atlantis C3-L	 Atlantis C2-H	 Atlantis C2-M
 Atlantis C2-L	 Yellow zinc plated	 Zinc-plated	 Zinc-plated black	 Zinc-plated white
 Phosphated coated	 Blue galvanised	 Zamak	 Brass	 Copper
 Frosted	 Aluminium	 Steel	 Nylon	 PVC
 Plastic-coated black	 Plastic-coated white	 Plastic-coated yellow	 Polypropylene	











MATERIALS FOR USE

 Aluminium carpentry	 PVC carpentry	 Gutter	 IPN beam	 Ventilation pipe
 Plasterboard	 Cable	 Chain	 Rope	 Chrome-plated pipe
 Sheet metal - heavy profile	 Sheet metal assembly	 Wood veneer	 Fibre cement	 Butane pipe
 Wood - metal	 Plaster	 Reinforced concrete	 Cracked concrete	 Cast pipe
 Concrete	 Hollow concrete	 Solid brick	 Copper pipe	 Gas pipe
 Thermo-clay	 Stone	 Adobe brick	 PVC pipe	 Cable
 Fine hardwood	 Pine	 Aerated concrete	 Plastic pipe	 PPR pipe
 Hardwood	 Wood panel	 Hollow brick	 Stainless pipe	 Steel pipe
 Alveolar slab	 Tile	 Installation of aluminium profiles	 Fire protection pipe	 Flexible pipe

HEADS

 Round	 Cylindrical	 Bugle
 Hex	 Hex with washer	 Countersunk
 Clip	 Flat	 Tamper-proof
 Countersunk with ribs	 Pan with washer	 Pan

RECESSES

 Hexagonal	 Phillips hexagonal
 Square	 Allen
 PZ-Slot	 TX
 Slotted hexagonal	 Flat
 PH	 PZ

LOADS

 Light loads	 Medium loads	 High loads	 Heavy loads
--	--	--	---



METAL FIXINGS

MT

THROUGH BOLT ANCHOR FOR HEAVY LOADS

RANGE

PRODUCT	PICTURE	ASSESSMENT	METRIC / INCHES	SHAFT MATERIAL	CLIP MATERIAL	BASE MATERIALS
MTP		    SEISMIC OPTION 1	METRIC			   
MTP-X		    SEISMIC OPTION 1	METRIC			   
MTP-G		   FIRE OPTION 1	METRIC			   
MTP-A4		    SEISMIC OPCIÓN 1	METRIC			   
MTH		   FIRE OPTION 7	METRIC			  
MTH-A4		   FIRE OPTION 7	METRIC			  
MTH-A2		   FIRE OPTION 7	METRIC			  
MTA			METRIC			  
MTD-X		 	INCH			   
MTL			INCH			  

ADVANTAGES

- The MT family has 10 models, designed based on the needs of the installer.
 - Materials: Steel and stainless steel
 - Coatings: Zinc-plated, ATLANTIS C3-L
 - Inch or metric thread
 (See comparison table on following page)
- Leaders in metallic anchor manufacturing. The actual design and the production process guarantee a product which remains a market leader year after year.
- High load capacity thanks to insert and axis thread design. Allows anchor installation at reduced distances between axes and from edges.
- Quality Guarantee. Our products have the most prestigious assessments; EOTA, ICC, Seismic Assessment, Fire Assessment and CE Certification.
- Suitable for solid materials: Cracked concrete, non-cracked concrete, reinforced concrete and stone.
- Length indicated on the head using a letter for anchor identification purposes after installation.

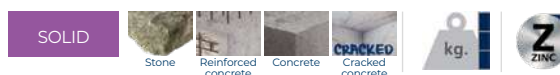
APPLICATIONS





Through bolt anchor for heavy loads

MTP



CODE	SEISMIC ASSESSMENT	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
•AP08050	-	M8 x 50 Ø8	77,673	2	A	100	800
AP08075	-	M8 x 75 Ø8	82,270	9	C	100	600
AP08095	-	M8 x 95 Ø8	86,761	29	E	100	600
AP08115	-	M8 x 115 Ø8	106,449	49	G	100	400
AP10090	C1	M10 x 90 Ø10	112,487	10	E	100	400
AP10105	C1	M10 x 105 Ø10	133,496	25	F	50	300
AP10115	C1	M10 x 115 Ø10	141,263	35	G	50	200
AP10135	C1	M10 x 135 Ø10	162,343	55	H	50	200
AP10165	C1	M10 x 165 Ø10	195,354	85	K	50	200
AP10185	C1	M10 x 185 Ø10	206,951	105	L	50	150
•AP12080	-	M12 x 80 Ø12	160,908	4	D	50	300
AP12100	C1&C2	M12 x 100 Ø12	176,508	4	E	50	200
AP12110	C1&C2	M12 x 110 Ø12	172,282	14	F	50	200
AP12120	C1&C2	M12 x 120 Ø12	210,410	24	G	50	200
AP12130	C1&C2	M12 x 130 Ø12	217,809	34	H	50	200
AP12150	C1&C2	M12 x 150 Ø12	257,170	54	I	50	100
AP12180	C1&C2	M12 x 180 Ø12	306,764	84	L	50	150
AP12200	C1&C2	M12 x 200 Ø12	358,905	104	M	50	150
AP16145	C1&C2	M16 x 145 Ø16	398,397	28	I	25	100
AP16175	C1&C2	M16 x 175 Ø16	514,475	58	K	25	50
AP16220	C1&C2	M16 x 220 Ø16	604,016	103	O	25	50
AP16250	C1&C2	M16 x 250 Ø16	783,308	133	Q	25	50
AP20170	-	M20 x 170 Ø20	777,379	32	K	20	40
AP20200	-	M20 x 200 Ø20	924,373	62	N	20	40
AP24205	-	M24 x 205 Ø24	1.788,905	35	N	10	30
AP24235	-	M24 x 235 Ø24	1.979,596	65	P	10	20

• Non-assessed sizes

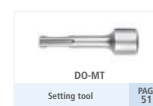


CODE	SEISMIC ASSESSMENT	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
APA408068	C1	M8 x 68 Ø8	341,807	4	A	100	600
APA408075	C1	M8 x 75 Ø8	326,788	10	B	100	600
APA408090	C1	M8 x 90 Ø8	365,558	25	C	100	600
APA408115	C1	M8 x 115 Ø8	484,565	50	D	100	400
APA408135	C1	M8 x 135 Ø8	560,616	70	E	50	300
APA408165	C1	M8 x 165 Ø8	676,466	100	G	50	200
APA410090	C1&C2	M10 x 90 Ø10	576,030	10	A	100	400
APA410105	C1&C2	M10 x 105 Ø10	615,983	25	B	50	300
APA410115	C1&C2	M10 x 115 Ø10	678,570	35	C	50	300
APA410135	C1&C2	M10 x 135 Ø10	814,016	55	D	50	300
APA410155	C1&C2	M10 x 155 Ø10	896,732	75	E	50	300
APA410185	C1&C2	M10 x 185 Ø10	1.039,535	105	F	50	100
APA412110	C1&C2	M12 x 110 Ø12	836,353	10	A	50	200
APA412120	C1&C2	M12 x 120 Ø12	897,260	20	B	50	200
APA412145	C1&C2	M12 x 145 Ø12	1.095,031	45	C	50	200
APA412170	C1&C2	M12 x 170 Ø12	1.202,852	70	D	50	100
APA412200	C1&C2	M12 x 200 Ø12	1.326,549	100	E	50	100
APA416130	C1&C2	M16 x 130 Ø16	1.730,418	10	A	50	100
APA416150	C1&C2	M16 x 150 Ø16	1.960,718	30	B	25	100
APA416185	C1&C2	M16 x 185 Ø16	2.593,507	60	C	25	50
APA416220	C1&C2	M16 x 220 Ø16	2.791,625	100	D	20	40

MTP
Option 1 ETA Assessed. Zinc-plated shaft. A4 Stainless clip



02 Technical info P. 34/1



MTP-A4

Option 1 ETA Assessed. A4 Stainless steel shaft. A4 Stainless clip



02 Technical info P. 34/1



MTP

Through bolt anchor for heavy loads

MTP-X

Option 1 ETA Assessed. Zinc-plated shaft. ATLANTIS C3-L clip



02 Technical info
P. 34/2

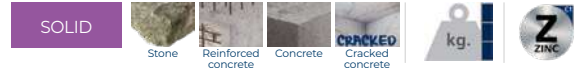


MTP-G

Option 1 ETA Assessed. ATLANTIS C3-L shaft. A4 Stainless clip

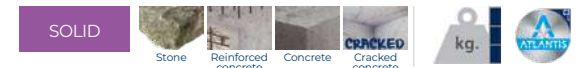


02 Technical info
P. 34/2



CODE	SEISMIC ASSESSMENT	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
•APX08050	-	M8 x 50 Ø8	63,512	8	2	A	100	800
APX08075	C1	M8 x 75 Ø8	67,250	8	9	C	100	600
APX08080	C1	M8 x 80 Ø8	69,267	8	14	D	100	600
APX08095	C1	M8 x 95 Ø8	72,882	8	29	E	100	600
APX08115	C1	M8 x 115 Ø8	89,450	8	49	G	100	400
APX10090	C1&C2	M10 x 90 Ø10	94,517	10	10	E	100	400
APX10105	C1&C2	M10 x 105 Ø10	107,092	10	25	F	50	300
APX10115	C1&C2	M10 x 115 Ø10	112,356	10	35	G	50	200
APX10135	C1&C2	M10 x 135 Ø10	139,984	10	55	H	50	200
APX10165	C1&C2	M10 x 165 Ø10	163,434	10	85	K	50	200
APX10185	C1&C2	M10 x 185 Ø10	180,472	10	105	L	50	150
•APX12080	-	M12 x 80 Ø12	127,719	12	4	D	50	300
APX12100	C1&C2	M12 x 100 Ø12	140,853	12	4	E	50	200
APX12110	C1&C2	M12 x 110 Ø12	144,033	12	14	F	50	200
APX12120	C1&C2	M12 x 120 Ø12	180,472	12	24	G	50	200
APX12130	C1&C2	M12 x 130 Ø12	188,570	12	34	H	50	200
APX12150	C1&C2	M12 x 150 Ø12	205,926	12	54	I	50	100
APX12180	C1&C2	M12 x 180 Ø12	257,986	12	84	L	50	150
APX12200	C1&C2	M12 x 200 Ø12	300,789	12	104	M	50	150
APX12220	C1&C2	M12 x 220 Ø12	315,831	12	124	O	25	50
APX12255	C1&C2	M12 x 255 Ø12	347,411	12	159	R	25	50
APX16145	C1	M16 x 145 Ø16	365,576	16	28	I	25	100
APX16175	C1	M16 x 175 Ø16	428,046	16	58	K	25	50
APX16220	C1	M16 x 220 Ø16	503,246	16	103	O	25	50
APX16250	C1	M16 x 250 Ø16	647,854	16	133	Q	25	50
APX20170	C1&C2	M20 x 170 Ø20	653,638	20	32	K	20	40
APX20200	C1&C2	M20 x 200 Ø20	746,191	20	62	M	20	40

• Non-assessed sizes



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
•APG06060	M6 x 60 Ø6	60,930	10	B	200	1.200
•APG06070	M6 x 70 Ø6	62,802	20	C	200	1.200
•APG06100	M6 x 100 Ø6	68,882	50	E	200	800
•APG08050	M8 x 50 Ø8	80,489	2	A	100	800
•APG08060	M8 x 60 Ø8	79,416	12	B	100	800
APG08075	M8 x 75 Ø8	94,594	9	C	100	600
APG08095	M8 x 95 Ø8	102,254	29	E	100	600
APG08115	M8 x 115 Ø8	118,235	49	G	100	400
•APG10070	M10 x 70 Ø10	123,664	5	C	100	400
APG10090	M10 x 90 Ø10	142,459	10	E	100	400
APG10105	M10 x 105 Ø10	153,947	25	F	50	300
APG10115	M10 x 115 Ø10	161,827	35	G	50	200
APG10135	M10 x 135 Ø10	177,962	55	H	50	200
APG10165	M10 x 165 Ø10	218,693	85	K	50	200
APG10185	M10 x 185 Ø10	236,466	105	L	50	150
•APG12080	M12 x 80 Ø12	214,819	4	D	50	300
APG12110	M12 x 110 Ø12	247,356	14	F	50	200
APG12130	M12 x 130 Ø12	293,346	34	H	50	200
APG12150	M12 x 150 Ø12	313,679	54	I	50	100
APG12180	M12 x 180 Ø12	349,423	84	L	50	150
APG12200	M12 x 200 Ø12	340,718	104	M	50	150
APG16125	M16 x 125 Ø16	478,969	8	G	25	100
APG16145	M16 x 145 Ø16	506,552	28	I	25	100
APG16175	M16 x 175 Ø16	557,021	58	K	25	50
APG16220	M16 x 220 Ø16	692,629	103	O	25	50
APG20170	M20 x 170 Ø20	861,451	32	K	20	40
APG20200	M20 x 200 Ø20	869,720	62	M	20	40

• Non-assessed sizes



Through bolt anchor for heavy loads

MTH

SOLID



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
• AH06060	M6 x 60 Ø6	44,039	2	B	200	1.200
• AH06070	M6 x 70 Ø6	45,721	12	C	200	1.200
• AH06080	M6 x 80 Ø6	47,389	22	D	200	1.200
• AH06090	M6 x 90 Ø6	48,841	32	E	200	1.200
• AH06100	M6 x 100 Ø6	50,876	42	E	200	800
• AH06110	M6 x 110 Ø6	66,335	52	F	200	800
• AH06120	M6 x 120 Ø6	69,642	62	G	100	600
• AH06130	M6 x 130 Ø6	80,560	72	H	100	600
• AH06140	M6 x 140 Ø6	81,136	82	I	100	400
• AH06150	M6 x 150 Ø6	83,252	92	I	100	400
• AH06160	M6 x 160 Ø6	89,694	102	J	100	400
• AH06170	M6 x 170 Ø6	101,703	112	K	100	400
• AH06180	M6 x 180 Ø6	111,735	122	L	100	200
AH08060	M8 x 60 Ø8	54,509	3	B	100	600
AH08075	M8 x 75 Ø8	57,639	5	C	100	600
AH08090	M8 x 90 Ø8	62,483	20	E	100	600
AH08100	M8 x 100 Ø8	66,670	30	E	100	400
AH08115	M8 x 115 Ø8	78,221	45	G	100	400
AH08120	M8 x 120 Ø8	85,602	50	G	100	400
AH08130	M8 x 130 Ø8	90,132	60	H	100	400
AH08155	M8 x 155 Ø8	136,722	85	J	100	200
AH10070	M10 x 70 Ø10	71,377	3	C	100	400
AH10080	M10 x 80 Ø10	81,620	13	D	100	400
AH10090	M10 x 90 Ø10	82,669	10	E	100	400
AH10100	M10 x 100 Ø10	98,128	20	E	100	400
AH10120	M10 x 120 Ø10	102,954	40	G	50	300
AH10140	M10 x 140 Ø10	128,702	60	H	50	200
AH10150	M10 x 150 Ø10	133,889	70	I	50	200
AH10160	M10 x 160 Ø10	152,467	80	J	50	200
AH10170	M10 x 170 Ø10	170,024	90	K	50	200
AH10210	M10 x 210 Ø10	205,689	130	N	50	150
AH10230	M10 x 230 Ø10	218,176	150	P	50	100
AH12090	M12 x 90 Ø12	117,031	13	E	50	200
AH12100	M12 x 100 Ø12	126,493	8	E	50	200
AH12110	M12 x 110 Ø12	127,129	18	F	50	200
AH12120	M12 x 120 Ø12	162,374	28	G	50	200
AH12130	M12 x 130 Ø12	169,282	38	H	50	200
AH12140	M12 x 140 Ø12	169,674	48	H	50	200
AH12160	M12 x 160 Ø12	199,397	68	J	50	100
AH12180	M12 x 180 Ø12	231,857	88	L	50	150
AH12200	M12 x 200 Ø12	270,759	108	M	50	100
AH12220	M12 x 220 Ø12	293,850	128	O	50	100
AH12250	M12 x 250 Ø12	359,220	158	Q	25	50
AH14120	M14 x 120 Ø14	280,229	12	G	25	100
AH14145	M14 x 145 Ø14	329,063	37	I	25	100
AH14170	M14 x 170 Ø14	351,556	62	K	25	100
AH14220	M14 x 220 Ø14	487,459	112	O	25	75
AH14250	M14 x 250 Ø14	544,490	142	Q	25	50
AH16125	M16 x 125 Ø16	287,511	3	G	25	100
AH16145	M16 x 145 Ø16	309,813	23	I	25	100
AH16170	M16 x 170 Ø16	383,130	48	K	25	50
AH16220	M16 x 220 Ø16	456,549	98	O	25	50
AH16250	M16 x 250 Ø16	592,038	128	Q	25	50
AH16280	M16 x 280 Ø16	644,484	158	S	25	50
AH20170	M20 x 170 Ø20	565,814	23	K	20	40
AH20220	M20 x 220 Ø20	704,518	73	O	20	40
AH20270	M20 x 270 Ø20	962,830	123	S	20	40

Option 7 ETA Assessed. Zinc-plated shaft. Zinc-plated clip



02 Technical info P. 31/3



• Non-assessed sizes for Fire Resistance



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSAH06060	M6 x 60 Ø6	13,080	30	6
LSAH08060	M8 x 60 Ø8	10,736	20	6
LSAH08075	M8 x 75 Ø8	9,600	16	6
LSAH08090	M8 x 90 Ø8	8,923	14	6
LSAH10070	M10 x 70 Ø10	7,790	10	5
LSAH10090	M10 x 90 Ø10	7,004	8	6
LSAH10120	M10 x 120 Ø10	6,939	6	6
LSAH12090	M12 x 90 Ø12	8,518	6	5
LSAH12110	M12 x 110 Ø12	8,892	6	5
LSAH16125	M16 x 125 Ø16	6,365	2	6



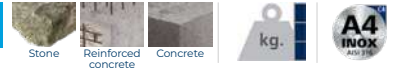
MTH

Through bolt anchor for heavy loads

MTH-A4

Option 7 ETA Assessed. A4 Stainless steel. A4 Stainless clip

STAINLESS STEEL



02 Technical info
P. 344



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	169,561	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	184,727	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	196,742	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	204,397	4	A	100	800
MIA408075	M8 x 75 Ø8	217,056	5	C	100	600
MIA408090	M8 x 90 Ø8	242,211	20	E	100	600
MIA408115	M8 x 115 Ø8	318,189	45	G	100	400
MIA410070	M10 x 70 Ø10	355,488	3	C	100	400
MIA410090	M10 x 90 Ø10	402,927	10	D	100	400
MIA410120	M10 x 120 Ø10	489,794	40	G	50	300
MIA410150	M10 x 150 Ø10	694,624	70	I	50	200
• MIA412075	M12 x 75 Ø12	531,608	5	C	50	300
MIA412090	M12 x 90 Ø12	535,364	13	D	50	200
MIA412110	M12 x 110 Ø12	585,631	12	F	50	200
MIA412140	M12 x 140 Ø12	702,261	42	I	50	200
• MIA416090	M16 x 90 Ø16	1.270,189	4	D	25	150
MIA416145	M16 x 145 Ø16	1.568,644	23	I	25	100
MIA416170	M16 x 170 Ø16	1.811,425	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.009,956	5	G	20	40
MIA420170	M20 x 170 Ø20	2.747,532	23	K	20	40
MIA420220	M20 x 220 Ø20	3.483,753	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resistance



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VMIA408075	M8 x 75 Ø8	32,115	10	8
VMIA410090	M10 x 90 Ø10	43,953	8	8
VMIA412110	M12 x 110 Ø12	50,288	6	8



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMIA408075	M8 x 75 Ø8	35,439	12	7
LSMIA410090	M10 x 90 Ø10	46,268	8	7
LSMIA412110	M12 x 110 Ø12	50,367	6	5

**TECHNICAL DATA SHEETS
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Through bolt anchor for heavy loads

MTH

STAINLESS STEEL



MTH-A2

Option 7 ETA Assessed. A2 Stainless steel . A2 Stainless clip

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
•MI06045	M6 x 45 Ø6	138,355	1	A	200	1.200
•MI06060	M6 x 60 Ø6	155,162	2	B	200	1.200
•MI06080	M6 x 80 Ø6	162,288	22	D	200	1.200
•MI06120	M6 x 120 Ø6	194,110	62	G	100	600
•MI06140	M6 x 140 Ø6	245,679	82	I	100	600
•MI06160	M6 x 160 Ø6	275,184	102	J	100	400
•MI06170	M6 x 170 Ø6	289,751	112	K	100	400
•MI06180	M6 x 180 Ø6	305,995	112	L	100	300
•MI08050	M8 x 50 Ø8	167,797	4	A	100	800
MI08075	M8 x 75 Ø8	183,796	5	C	100	600
MI08090	M8 x 90 Ø8	209,160	20	E	100	600
MI08115	M8 x 115 Ø8	270,561	45	G	100	400
MI10070	M10 x 70 Ø10	284,386	3	C	100	400
MI10090	M10 x 90 Ø10	318,332	10	D	100	400
MI10120	M10 x 120 Ø10	373,121	40	G	50	300
MI10150	M10 x 150 Ø10	522,393	70	I	50	200
•MI12075	M12 x 75 Ø12	431,214	5	C	50	300
MI12090	M12 x 90 Ø12	432,201	13	D	50	200
MI12110	M12 x 110 Ø12	467,779	18	F	50	200
MI12140	M12 x 140 Ø12	586,299	48	I	50	200
•MI16090	M16 x 90 Ø16	1.047,676	4	D	25	150
MI16145	M16 x 145 Ø16	1.189,034	23	I	25	100
MI16170	M16 x 170 Ø16	1.303,785	48	K	25	75
•MI20120	M20 x 120 Ø20	1.629,198	5	G	20	40
MI20170	M20 x 170 Ø20	2.024,397	23	K	20	40
MI20220	M20 x 220 Ø20	2.615,046	73	O	20	40



02 Technical info P. 3/44



• Non-assessed sizes

• Non-assessed sizes for Fire Resistance



Blister



Window Box



Self-Service

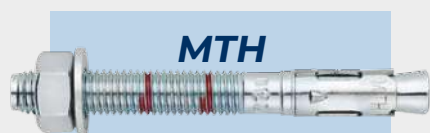
CODE	SIZE	€/BAG	PCS.	BAGS
BZMI08075	M8 x 75 Ø8	4,357	2	12
BZMI10090	M10 x 90 Ø10	4,357	2	10

CODE	SIZE	€/BOX	PCS.	BOXES
VMI08075	M8 x 75 Ø8	29,091	10	8
VMI08090	M8 x 90 Ø8	31,103	10	8
VMI10070	M10 x 70 Ø10	32,140	8	8
VMI10090	M10 x 90 Ø10	35,976	8	8
VMI10120	M10 x 120 Ø10	31,628	6	8
VMI12110	M12 x 110 Ø12	39,236	6	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSMI08075	M8 x 75 Ø8	29,522	12	7
LSMI08090	M8 x 90 Ø8	33,592	12	7
LSMI10070	M10 x 70 Ø10	36,159	10	6
LSMI10090	M10 x 90 Ø10	35,976	8	6
LSMI10120	M10 x 120 Ø10	37,952	8	6
LSMI12110	M12 x 110 Ø12	39,236	6	6

MTH RANGE ALL GOOD THINGS COME IN THREES.

A desire to fully respond to the needs of clients has pushed us to improve and expand our range of MTH approved structural anchors.



MTH

ZINC PLATED

IMPROVED FEATURES
40% STRONGER



MTH-A2

STAINLESS STEEL A2

NEW IN THE MARKET



MTH-A4

STAINLESS STEEL A4

HIGH PERFORMING

With the launch of the new stainless MTH-A2 anchor with ETA assessment for approval in option 7, we become the first in the market to manufacture and distribute such an extensive range for this anchor. Moreover, the improvements included in the new design have enabled it to have 40% better load performance in all three versions (zinc-plated, A2 stainless and A4 stainless).



MTA

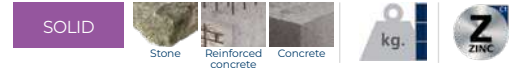
Through bolt anchor for heavy loads

MTA

Zinc-plated shaft. Zinc-plated clip



02 Technical info p. 216





CODE	SIZE	€/100	MAX. FIXTURE THICKNESS		
AM06045	M6 x 45 Ø6	31,447	1	200	1.200
AM06055	M6 x 55 Ø6	34,133	11	200	1.200
AM06060	M6 x 60 Ø6	34,436	2	200	1.200
AM06065	M6 x 65 Ø6	34,857	7	200	1.200
AM06070	M6 x 70 Ø6	35,117	12	200	1.200
AM06080	M6 x 80 Ø6	37,443	22	200	1.200
AM06085	M6 x 85 Ø6	38,342	27	200	1.200
AM06090	M6 x 90 Ø6	38,791	32	200	1.200
AM06100	M6 x 100 Ø6	40,421	42	200	800
AM06110	M6 x 110 Ø6	44,098	52	200	800
AM06120	M6 x 120 Ø6	46,527	62	100	600
AM06130	M6 x 130 Ø6	46,691	72	100	600
AM06140	M6 x 140 Ø6	58,008	82	100	600
AM06150	M6 x 150 Ø6	66,315	92	100	600
AM06160	M6 x 160 Ø6	70,823	102	100	400
AM06170	M6 x 170 Ø6	88,928	112	100	400
AM06180	M6 x 180 Ø6	94,199	122	100	300
AM08050	M8 x 50 Ø8	39,658	4	100	800
AM08060	M8 x 60 Ø8	40,489	3	100	800
AM08065	M8 x 65 Ø8	42,618	8	100	600
AM08075	M8 x 75 Ø8	43,438	5	100	600
AM08090	M8 x 90 Ø8	47,255	20	100	600
AM08115	M8 x 115 Ø8	57,256	45	100	400
AM08120	M8 x 120 Ø8	58,354	50	100	400
AM08130	M8 x 130 Ø8	67,139	60	100	400
AM08155	M8 x 155 Ø8	116,223	85	100	200
AM10065	M10 x 65 Ø10	61,279	1	100	400
AM10070	M10 x 70 Ø10	57,655	3	100	400
AM10080	M10 x 80 Ø10	61,536	13	100	400
AM10090	M10 x 90 Ø10	64,225	10	100	400
AM10100	M10 x 100 Ø10	70,941	20	100	400
AM10120	M10 x 120 Ø10	77,036	40	50	300
AM10140	M10 x 140 Ø10	87,437	60	50	200
AM10150	M10 x 150 Ø10	98,362	70	50	200
AM10160	M10 x 160 Ø10	122,815	80	50	200
AM10170	M10 x 170 Ø10	128,457	90	50	200
AM10210	M10 x 210 Ø10	177,991	130	50	150
AM10230	M10 x 230 Ø10	201,749	150	50	100
AM12075	M12 x 75 Ø12	85,543	5	50	300
AM12080	M12 x 80 Ø12	91,510	3	50	300
AM12090	M12 x 90 Ø12	94,563	13	50	200
AM12100	M12 x 100 Ø12	97,652	8	50	200
AM12110	M12 x 110 Ø12	98,729	18	50	200
AM12120	M12 x 120 Ø12	117,732	28	50	200
AM12140	M12 x 140 Ø12	131,499	48	50	200
AM12160	M12 x 160 Ø12	150,510	68	50	100
AM12180	M12 x 180 Ø12	174,809	88	50	150
AM12220	M12 x 220 Ø12	233,517	128	50	100
AM12250	M12 x 250 Ø12	289,467	158	25	50
AM14080	M14 x 80 Ø14	175,063	5	50	200
AM14100	M14 x 100 Ø14	200,953	5	50	100
AM14120	M14 x 120 Ø14	225,367	12	25	100
AM14145	M14 x 145 Ø14	274,690	37	25	100
AM14170	M14 x 170 Ø14	298,812	62	25	100
AM14220	M14 x 220 Ø14	398,415	112	25	75
AM14250	M14 x 250 Ø14	437,120	142	25	50
AM16090	M16 x 90 Ø16	213,540	4	25	150
AM16110	M16 x 110 Ø16	215,869	7	25	150
AM16125	M16 x 125 Ø16	217,017	3	25	100
AM16145	M16 x 145 Ø16	232,693	23	25	100
AM16170	M16 x 170 Ø16	295,951	48	25	50
AM16220	M16 x 220 Ø16	352,647	98	25	50
AM16250	M16 x 250 Ø16	479,335	128	25	50
AM16280	M16 x 280 Ø16	521,771	158	25	50



Through bolt anchor for heavy loads

MTA

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS		
AM20120	M20 x 120 Ø20	357,337	5	20	40
AM20170	M20 x 170 Ø20	428,492	23	20	40
AM20220	M20 x 220 Ø20	544,391	73	20	40
AM20270	M20 x 270 Ø20	742,409	123	20	40
AM24180	M24 x 180 Ø24	1.238,172	10	10	20
AM24260	M24 x 260 Ø24	1.568,242	80	10	20

MTA

Zinc-plated shaft. Zinc-plated clip



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZAM06060	M6 x 60 Ø6	3,231	2	20
BZAM06080	M6 x 80 Ø6	3,231	2	20
BZAM08050	M8 x 50 Ø8	3,231	2	15
BZAM08075	M8 x 75 Ø8	3,231	2	15
BZAM08090	M8 x 90 Ø8	3,231	2	15
BZAM10070	M10 x 70 Ø10	3,231	2	12
BZAM10090	M10 x 90 Ø10	3,231	2	12
BZAM10120	M10 x 120 Ø10	3,231	2	12
BZAM12090	M12 x 90 Ø12	3,231	2	10
BZAM12110	M12 x 110 Ø12	3,231	2	10
BZAM12140	M12 x 140 Ø12	3,231	2	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VAM06060	M6 x 60 Ø6	8,096	20	8
VAM08075	M8 x 75 Ø8	6,773	12	8
VAM08090	M8 x 90 Ø8	7,200	12	8
VAM10070	M10 x 70 Ø10	4,543	6	8
VAM10090	M10 x 90 Ø10	5,033	6	8
VAM10120	M10 x 120 Ø10	5,982	6	8
VAM12090	M12 x 90 Ø12	7,343	6	8
VAM12110	M12 x 110 Ø12	7,672	6	8

02 Technical
P. 345 info





More range previous
page

Tie wire anchor

TWA

SOLID



CODE	SIZE	€/100		
TWA06060	6 x 60 Ø6	28,490	100	2.400



Setting tool for MT family

DO-MT

SOLID



CODE	SIZE	€/PC		
DOMTA10	M6 - M8 - M10	11,907	5	225
DOMTA20	M12 - M14 - M16 - M20	19,845	5	225



TH

SELF-TAPPING CONCRETE SCREWBOLT

RANGE						
PRODUCT	PICTURE	SHAFT	METRIC / INCHES	ASSESSMENT		BASE MATERIALS
THE		HEXAGONAL				
THA		COUNTERSUNK				
THP		PANHEAD				
THT		TRUSS HEAD				
TFE		HEXAGONAL				
TFN		HEXAGONAL NO WASHER				
TFS		STUD BOLT				
TFM		HANGER MALE				
TFF		FEMALE THREAD HEAD				

APPLICATIONS

- Structural fixings in cracked concrete and non-cracked concrete in indoor conditions.
- Glazing, windows and shop windows.
- Shelving and racks.
- Indoor handrails and banisters.
- Steel structures, ducts, machinery, boilers, signs, stadium seating, façade substructures, etc.
- From wood structures to concrete structures.



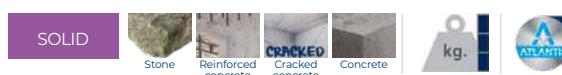
CHARACTERISTIC

- ETA and R30-R120 Fire resistance assessments.
- Suitable when reduced distances between anchors or from edges are required.
- No waiting. Anchor may hold weight as soon as it is installed.
- 100% removable.
- Prior drill-hole required. Works by interference between thread and concrete.
- Use for heavy duty loads.
- Direct installation; no need for a torque wrench.
- Installation through element to be fixed.
- Use in cracked, non-cracked and reinforced concrete.
- Use for static or quasi static loads.



Self-tapping concrete screwbolt

TH



THE NEW

Hexagon head. ATLANTIS C3-H coating.
Option 1 ETA Assessed



02
P. 346
Technical
info



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS			
•THE05040	Ø5 x 40	34,496	8	5	100	2.400	
•THE05050	Ø5 x 50	40,012	8	15	100	1.600	
•THE05060	Ø5 x 60	42,732	8	25	100	1.600	
•THE05080	Ø5 x 80	56,049	8	45	50	800	
•THE05100	Ø5 x 100	65,160	8	65	50	800	
THE06040	Ø6 x 40	43,782	10	5	100	1.600	
THE06050	Ø6 x 50	47,303	10	15	100	1.200	
THE06060	Ø6 x 60	52,675	10	25	100	1.200	
THE06070	Ø6 x 70	58,380	10	35	50	600	
THE06080	Ø6 x 80	65,639	10	45	50	800	
THE06100	Ø6 x 100	82,495	10	65	25	400	
THE06120	Ø6 x 120	94,045	10	85	25	400	
THE08055	Ø8 x 55	88,127	13	5	50	600	
THE08060	Ø8 x 60	89,877	13	10	50	600	
THE08070	Ø8 x 70	99,148	13	20	50	200	
THE08080	Ø8 x 80	111,045	13	30	25	400	
THE08090	Ø8 x 90	119,865	13	40	25	400	
THE08100	Ø8 x 100	126,522	13	50	25	400	
THE08110	Ø8 x 110	132,230	13	60	25	400	
THE08120	Ø8 x 120	181,654	13	70	25	400	
THE08140	Ø8 x 140	186,949	13	90	25	300	
THE10060	Ø10 x 60	166,485	15	5	50	200	
THE10070	Ø10 x 70	180,691	15	15	50	200	
THE10080	Ø10 x 80	194,404	15	25	50	300	
THE10090	Ø10 x 90	201,208	15	35	25	300	
THE10100	Ø10 x 100	207,638	15	45	25	300	
THE10120	Ø10 x 120	238,634	15	65	25	200	
THE10140	Ø10 x 140	264,730	15	85	25	100	
THE12080	Ø12 x 80	250,758	18	5	25	100	
THE12090	Ø12 x 90	267,911	18	15	25	100	
THE12110	Ø12 x 110	306,079	18	35	25	100	
THE12130	Ø12 x 130	351,939	18	55	25	150	
THE12150	Ø12 x 150	389,893	18	75	25	100	
THE14080	Ø14 x 80	384,248	21	5	25	150	
THE14100	Ø14 x 100	456,295	21	25	25	150	
THE14120	Ø14 x 120	531,738	21	45	25	100	
THE14130	Ø14 x 130	603,246	21	55	25	100	
THE14140	Ø14 x 140	649,649	21	65	25	100	
THE14160	Ø14 x 160	706,783	21	85	25	50	
THE18100	Ø18 x 100	765,961	24	10	20	80	
THE18130	Ø18 x 130	893,956	24	40	20	40	
THE18160	Ø18 x 160	1.042,097	24	70	15	30	
THE18180	Ø18 x 180	1.127,427	24	90	15	30	
THE18200	Ø18 x 200	1.236,491	24	110	10	20	

• Non-assessed sizes

TH

Self-tapping concrete screwbolt

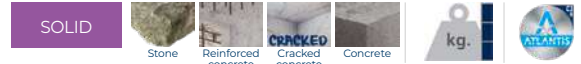
NEW **THA**

Countersunk head. ATLANTIS C3-H coating. Option 1 ETA Assessed



02 Technical info P: 31/7

PATENTED



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
•THA05040	5 x 40	40,726	TX 25	5	100	2.400
•THA05060	5 x 60	47,971	TX 25	25	100	1.200
•THA05080	5 x 80	60,795	TX 25	45	50	800
•THA05100	5 x 100	68,534	TX 25	65	50	800
THA06045	6 x 45	56,809	TX 30	10	100	1.200
THA06050	6 x 50	59,238	TX 30	15	100	1.200
THA06060	6 x 60	69,647	TX 30	25	100	1.200
THA06080	6 x 80	83,892	TX 30	45	100	600
THA06120	6 x 120	94,238	TX 30	85	100	400
THA06140	6 x 140	120,817	TX 30	105	100	600
THA08060	8 x 60	114,741	TX 45	10	50	200
THA08080	8 x 80	139,426	TX 45	30	25	400
THA08100	8 x 100	167,692	TX 45	50	25	400
THA08120	8 x 120	188,188	TX 45	70	25	400
THA10100	10 x 100	254,030	TX 50	45	25	300
THA10120	10 x 120	294,889	TX 50	65	25	200

• Non-assessed sizes

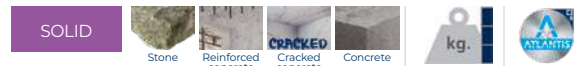
NEW **THP**

Panhead. ATLANTIS C3-H coating. Option 1 ETA Assessed



02 Technical info P: 31/7

PATENTED



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
•THP05040	5 x 40	40,128	TX 30	5	100	2.400
•THP05060	5 x 60	46,162	TX 30	25	100	1.200
THP06040	6 x 40	48,244	TX 40	5	100	1.200
THP06050	6 x 50	56,893	TX 40	15	100	1.200
THP06060	6 x 60	64,855	TX 40	25	100	1.200
THP06080	6 x 80	80,423	TX 40	45	50	600
THP06100	6 x 100	95,501	TX 40	65	50	200
THP08060	8 x 60	113,960	TX 45	10	25	400
THP08080	8 x 80	132,405	TX 45	30	25	300

• Non-assessed sizes

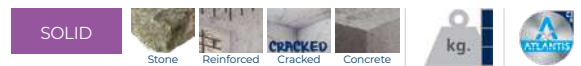
NEW **THT**

Truss head. ATLANTIS C3-H coating. Option 1 ETA Assessed



02 Technical info P: 31/7

PATENTED

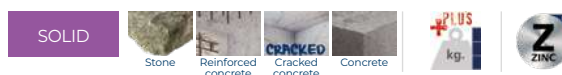


CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
THT06040	6 x 40	62,759	TX 30	5	100	1.600
THT06050	6 x 50	74,711	TX 30	15	100	1.200
THT06060	6 x 60	85,169	TX 30	25	100	400



Self-tapping concrete screwbolt

TH



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
•TFE05040	5 x 40	29,397	8	5	100	2.400
•TFE05050	5 x 50	34,097	8	15	100	1.600
•TFE05060	5 x 60	36,418	8	25	100	1.600
•TFE05080	5 x 80	47,765	8	45	50	800
•TFE05100	5 x 100	55,528	8	65	50	800
TFE06040	6 x 40	37,310	10	5	100	1.600
TFE06050	6 x 50	40,310	10	15	100	1.200
TFE06060	6 x 60	44,891	10	25	100	1.200
TFE06070	6 x 70	49,753	10	35	50	600
TFE06080	6 x 80	55,937	10	45	50	800
TFE06100	6 x 100	70,305	10	65	25	400
TFE06120	6 x 120	80,147	10	85	25	400
TFE08055	8 x 55	71,838	13	5	50	600
TFE08060	8 x 60	73,266	13	10	50	600
TFE08070	8 x 70	80,822	13	20	50	200
TFE08080	8 x 80	90,521	13	30	25	400
TFE08090	8 x 90	97,706	13	40	25	400
TFE08100	8 x 100	103,135	13	50	25	400
TFE08110	8 x 110	107,786	13	60	25	400
TFE08120	8 x 120	148,075	13	70	25	400
TFE08140	8 x 140	152,394	13	90	25	300
TFE10060	10 x 60	129,542	15	5	50	200
TFE10070	10 x 70	140,595	15	15	50	200
TFE10080	10 x 80	151,267	15	25	50	300
TFE10090	10 x 90	156,562	15	35	25	300
TFE10100	10 x 100	161,564	15	45	25	300
TFE10120	10 x 120	185,682	15	65	25	200
TFE10140	10 x 140	205,989	15	85	25	100
TFE12080	12 x 80	185,822	18	5	25	100
TFE12090	12 x 90	198,538	18	15	25	100
TFE12110	12 x 110	226,821	18	35	25	100
TFE12130	12 x 130	260,806	18	55	25	150
TFE12150	12 x 150	288,932	18	75	25	100
TFE14080	14 x 80	266,952	21	5	25	150
TFE14100	14 x 100	317,002	21	25	25	150
TFE14120	14 x 120	369,418	21	45	25	100
TFE14130	14 x 130	419,097	21	55	25	100
TFE14140	14 x 140	451,336	21	65	25	100
TFE14160	14 x 160	491,029	21	85	25	50
TFE18100	18 x 100	532,140	24	10	20	80
TFE18130	18 x 130	621,065	24	40	20	40
TFE18160	18 x 160	723,982	24	70	15	30
TFE18180	18 x 180	783,265	24	90	15	30
TFE18200	18 x 200	859,037	24	110	10	20

• Non-assessed sizes

TFE NEW
Hexagon head. Zinc plated coating.
Option 1 ETA Assessed



02 Technical info
p. 347



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TFN14080	14 x 80	384,248	24	5	25	150

TFN NEW
Hexagon head without nut. Zinc plated coating.
Option 1 ETA Assessed



02 Technical info
p. 348



TH

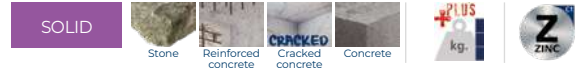
Self-tapping concrete screwbolt

NEW TFS

Stud bolt. Zinc plated coating. Option 1
ETA Assessed



02 Technical info
P. 348



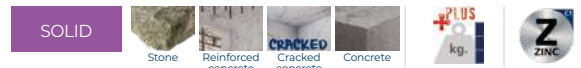
CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TFS06100	06 x 100 - M8	108,770	5	55	50	800
TFS06120	06 x 120 - M8	120,589	5	75	50	600
TFS08110	08 x 100 - M10	161,235	7	47	50	400
TFS08130	08 x 130 - M10	179,298	7	67	50	400
TFS10120	10 x 120 - M12	234,833	8	52	25	200
TFS10140	10 x 140 - M12	261,772	8	72	25	200

NEW TFM

Hanger male. Zinc plated coating.
Option 1 ETA Assessed



02 Technical info
P. 348



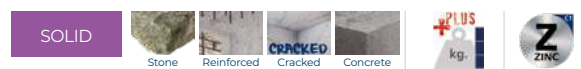
CODE	SIZE	€/100			
TFM06035	6 x 35 - M8	79,142	13	100	400
TFM06055	6 x 55 - M10	92,950	13	100	600

NEW TFF

Hanger female. Zinc plated coating.
Option 1 ETA Assessed



02 Technical info
P. 348



CODE	SIZE	€/100			
TFF06035	6 x 35 - M8/M10	95,960	13	50	200
TFF06055	6 x 55 - M8/M10	103,611	13	50	200



INDEXcal V4

ANCHOR CALCULATION SOFTWARE

The INDEXcal anchor calculation programme is the right tool for designers of structural solutions in order to comply with the requirements of Eurocode 2, part 4. It quickly and thoroughly checks all the anchors in our catalogue based on user input parameters, indicating whether they are appropriate or not.

Benefits:

- Valid for cracked and uncracked concrete with different strengths.
 - Calculation for fire and/or seismic conditions.
- Indicates the reason why anchors that do not meet the structural requirements are rejected.
- Anchor plate customisation, including rectangular, circular, hexagonal, octagonal and irregular.
 - Allows standardised profiles to be included in the design.
 - Anchor filtering option.
- Multilingual: available in Spanish, English, French, German and Dutch
- Direct access to technical sheets and standardisations from the software itself.
 - Full, customisable pdf report
 - Can be updated online.
 - 3D user interface.
- Available for free use and can be downloaded at the website.

QUALITY GUARANTEE

Our desire to improve and to certify the quality of our offer in order to fully respond to the needs of our customers drives us to increasingly widen our range of certified products. The assessment processes are performed by prestigious institutions which guarantee that our products fulfill the highest possible standards of quality and technical requirements.



European Conformity



European Technical Assessment



Seismic Assessment



Underwriters Laboratories



ICC-ES®



Fire resistance



Low VOC emissions



Leadership in Energy and Environmental Design



FM Assessment



HO

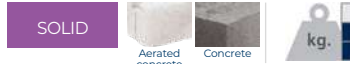
Concrete screw

HP

Flat head, Tx recess, yellow zinc-plated and zinc-plated



02 Technical info
p. 349



Z	B	SIZE	€/100		DRILL Ø		
HPZ75072	HP75072	7,5 x 72 Ø6	27,335	TX30	6	100	1.200
HPZ75092	HP75092	7,5 x 92 Ø6	33,671	TX30	6	100	1.200
HPZ75112	HP75112	7,5 x 112 Ø6	43,175	TX30	6	100	800
HPZ75132	HP75132	7,5 x 132 Ø6	49,511	TX30	6	100	600
HPZ75152	HP75152	7,5 x 152 Ø6	63,279	TX30	6	100	600
HPZ75182	HP75182	7,5 x 182 Ø6	87,285	TX30	6	100	300
HPZ75212	-	7,5 x 212 Ø6	128,190	TX30	6	100	300



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSHP75072	7,5 x 72 Ø6	4,946	14	7
LSHP75092	7,5 x 92 Ø6	5,792	14	7
LSHP75112	7,5 x 112 Ø6	6,110	12	7
LSHP75132	7,5 x 132 Ø6	7,006	12	7

HP TP

HP screw caps



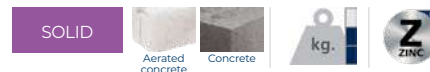
CODE	SIZE	€/100			
TPBLANC		4,385	TX30	2.000	24.000
TPMARRO		4,385	TX30	2.000	24.000

HR

Cylindrical head Tx



02 Technical info
p. 349



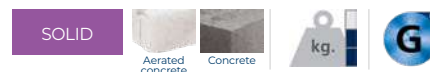
CODE	SIZE	€/100		DRILL Ø		
HR75072	7,5 x 32 Ø6	28,857	TX25	6	100	1.200
HR75092	7,5 x 92 Ø6	34,217	TX25	6	100	1.200
HR75112	7,5 x 112 Ø6	44,957	TX25	6	100	800
HR75132	7,5 x 132 Ø6	52,738	TX25	6	100	600

HE

Screw



02 Technical info
p. 349



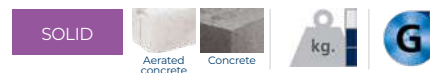
CODE	SIZE	€/100	DRILL Ø	INSTALLATION KEY		
HE65032	6,5 x 32 Ø5	13,162	5	8+ slot	1.000	3.000
HE65045	6,5 x 45 Ø5	16,178	5	8+ slot	500	2.000
HE65057	6,5 x 57 Ø5	20,862	5	8+ slot	500	2.000
HE65070	6,5 x 70 Ø5	26,654	5	8+ slot	500	1.500
HE65080	6,5 x 80 Ø5	31,756	5	8+ slot	250	1.000
HE65100	6,5 x 100 Ø5	38,815	5	8+ slot	250	1.000
HE65125	6,5 x 125 Ø5	50,400	5	8+ slot	250	1.000

HE + ARVUL

Screw with ARVUL



02 Technical info
p. 350



CODE	SIZE	€/100	DRILL Ø	INSTALLATION KEY		
HE1665032	6,5 x 32 P16 Ø5	20,617	5	8+ slot	1.000	2.000
HE1665045	6,5 x 45 P16 Ø5	24,278	5	8+ slot	500	1.500
HE1665057	6,5 x 57 P16 Ø5	29,614	5	8+ slot	500	1.500
HE1665070	6,5 x 70 P16 Ø5	33,516	5	8+ slot	500	1.000
HE1665080	6,5 x 80 P16 Ø5	40,331	5	8+ slot	250	750
HE1665100	6,5 x 100 P16 Ø5	47,192	5	8+ slot	250	750
HE1665125	6,5 x 125 P16 Ø5	59,886	5	8+ slot	250	500

SL HEAVY DUTY ANCHOR FOR HIGH PERFORMANCE

Heavy duty anchor for high performance in concrete

SL



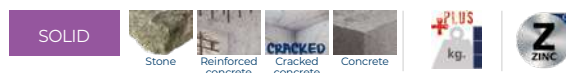
CODE	SIZE	€/100	MAX. FIXTURE THICKNESS		
SLPT10070	M6 x 70 Ø10	265,122	10	50	600
SLPT10080	M6 x 80 Ø10	278,191	20	50	600
SLPT10100	M6 x 100 Ø10	310,482	40	50	300
SLPT10110	M6 x 110 Ø10	329,676	50	25	150
SLPT12080	M8 x 80 Ø12	319,648	5	50	300
SLPT12090	M8 x 90 Ø12	336,462	15	50	200
SLPT12100	M8 x 100 Ø12	350,648	25	50	200
SLPT12120	M8 x 120 Ø12	382,813	45	25	200
SLPT16100	M10 x 100 Ø16	546,718	15	25	150
SLPT16120	M10 x 120 Ø16	617,642	35	25	100
SLPT16140	M10 x 140 Ø16	697,470	55	20	60
SLPT16160	M10 x 160 Ø16	776,122	75	20	60
SLPT18110	M12 x 110 Ø18	761,156	10	20	80
SLPT18120	M12 x 120 Ø18	809,134	20	20	80
SLPT18140	M12 x 140 Ø18	893,295	40	20	80
SLPT18150	M12 x 150 Ø18	944,629	50	20	80
SLPT18170	M12 x 170 Ø18	1.061,228	70	15	45
SLPT18200	M12 x 200 Ø18	1.186,763	100	15	30
SLPT24140	M16 x 140 Ø24	1.371,720	20	10	40
SLPT24170	M16 x 170 Ø24	1.612,937	50	10	30
SLPT24200	M16 x 200 Ø24	1.861,076	80	10	20
SLPT24220	M16 x 220 Ø24	2.021,740	100	10	20
SLPT28170	M20 x 170 Ø28	2.133,159	20	10	20
SLPT28200	M20 x 200 Ø28	2.469,852	50	10	20
SLPT28240	M20 x 240 Ø28	2.944,008	90	5	10

SL-PT

Option 1 ETA Assessed. Hexagonal head



Technical info



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS		
SLPC10070	M6 x 70 Ø10	374,920	10	50	600
SLPC10080	M6 x 80 Ø10	395,252	20	50	600
SLPC10100	M6 x 100 Ø10	432,019	40	50	300
SLPC12100	M8 x 100 Ø12	513,755	25	50	200
SLPC16100	M10 x 100 Ø16	741,878	15	25	150
SLPC16120	M10 x 120 Ø16	805,553	35	25	100
SLPC18120	M12 x 120 Ø18	998,008	20	20	80

SL-PC

Option 1 ETA Assessed. Countersunk head



Technical info



CH

ANTI-SPIN SLEEVE ANCHOR FOR MEDIUM LOADS

RANGE					
PRODUCT	PICTURE	DESCRIPCIÓN	ASSESSMENT	BASE MATERIALS	
CH-TO		Hexagon head screw 6.8	 OPTION 7		
CH-A2		Hexagon head screw stainless steel A2	 OPTION 7		
CH-8.8		Hexagon head screw 8.8	 OPTION 7		
CH-8.8 E		Hexagon head screw 8.8 for reduced thicknesses			
CH-PL		Flat head screw	 OPTION 7		
CH-PI		Flat head screw stainless steel A2	 OPTION 7		
CH-INB		Zinc-plated tamperproof head	 OPTION 7		
CH-INN		Black zinc-plated tamperproof head	 OPTION 7		
CH-ES		Projecting bolt			
CH-GA		Hook bolt			
CH-GE		Hook spiral			
CH-GF		Forged hook bolt			
CH-GF A2		Forged hook bolt stainless steel A2			
CH-AR		Eye bolt			
CH-AF		Forged eye bolt			
CH-AF A2		Forged eye bolt stainless steel A2			

CHARACTERISTICS

- Metallic anchor with working principle of expansion and installation by controlled torque.
- Male thread.
- Use in non-cracked concrete.
- Easy installation.
- Integral set which prevents anchor from spinning, making installation easy.
- Built-in anti-spin in insert, sleeve and thread.
- Use for medium loads.
- Installation through drilling of element to be fixed.

APPLICATIONS

- Sign fixings
- Shelving
- Panelling
- Porch
- Railings
- Street furniture
- Awnings
- Fence posts
- Stadium or cinema seating



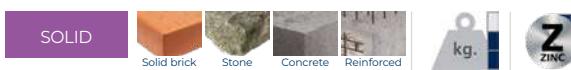
USES





Anti-spin sleeve anchor, for medium loads

CH



CODE	SIZE	€/100		
ACHT08C	M6 x 45 Ø8	27,447	200	1.200
ACHT08L	M6 x 60 Ø8	31,796	200	800
•ACHT09C	M6 x 45 Ø9	32,634	200	800
•ACHT09L	M6 x 60 Ø9	36,937	200	800
ACHT10C	M8 x 60 Ø10	43,799	100	600
ACHT10L	M8 x 80 Ø10	51,346	100	400
•ACHT11C	M8 x 60 Ø11	51,929	100	400
•ACHT11L	M8 x 80 Ø11	62,540	100	400
ACHT12C	M10 x 70 Ø12	71,395	100	200
ACHT12L	M10 x 100 Ø12	88,231	50	200
•ACHT14C	M10 x 70 Ø14	89,973	100	200
•ACHT14L	M10 x 100 Ø14	109,367	50	200
ACHT16C	M12 x 80 Ø16	138,432	50	200
ACHT16L	M12 x 110 Ø16	167,968	50	100
ACHT20C	M16 x 110 Ø20	302,679	25	50
•ACHT25C	M20 x 130 Ø25	864,550	15	45

• Non-assessed sizes

CH-TO

Hexagonal head screw 6.8. Option 7
ETA Assessed



02 Technical info
P. 351



Blister



Window Box



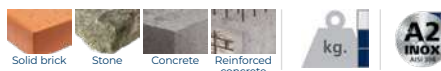
Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZACHT08C	M6 x 45 Ø8	3,231	2	15
BZACHT08L	M6 x 60 Ø8	3,231	2	15
BZACHT10C	M8 x 60 Ø10	3,231	2	15
BZACHT10L	M8 x 80 Ø10	3,231	2	15
BZACHT12C	M10 x 70 Ø12	3,231	2	10
BZACHT12L	M10 x 100 Ø12	3,231	2	10

CODE	SIZE	€/BOX	PCS.	BOXES
VACHT08C	M6 x 45 Ø8	5,452	15	8
VACHT08L	M6 x 60 Ø8	6,141	15	8
VACHT10C	M8 x 60 Ø10	5,777	10	8
VACHT10L	M8 x 80 Ø10	6,770	10	8
VACHT12C	M10 x 70 Ø12	7,296	8	8
VACHT12L	M10 x 100 Ø12	6,936	6	8
VACHT16C	M12 x 80 Ø16	7,017	4	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSACHT08C	M6 x 45 Ø8	8,562	24	6
LSACHT08L	M6 x 60 Ø8	6,742	16	6
LSACHT10C	M8 x 60 Ø10	5,032	8	6
LSACHT10L	M8 x 80 Ø10	5,536	8	6
LSACHT12C	M10 x 70 Ø12	7,296	8	6
LSACHT12L	M10 x 100 Ø12	8,473	8	6
LSACHT16C	M12 x 80 Ø16	7,052	4	5

STAINLESS STEEL



CODE	SIZE	€/100		
ACHTA208C	M6 x 45 Ø8	93,074	100	1.200
ACHTA208L	M6 x 60 Ø8	105,146	100	600
•ACHTA209C	M6 x 45 Ø9	105,328	100	1.200
•ACHTA209L	M6 x 60 Ø9	121,657	100	600
ACHTA210C	M8 x 60 Ø10	150,802	100	600
ACHTA210L	M8 x 80 Ø10	173,473	100	400
•ACHTA211C	M8 x 60 Ø11	181,424	100	400
•ACHTA211L	M8 x 80 Ø11	213,718	100	400
ACHTA212C	M10 x 70 Ø12	254,393	100	200
ACHTA212L	M10 x 100 Ø12	311,112	50	200
•ACHTA214C	M10 x 70 Ø14	338,403	100	300
•ACHTA214L	M10 x 100 Ø14	377,454	50	200
ACHTA216C	M12 x 80 Ø16	501,624	50	100
ACHTA216L	M12 x 110 Ø16	634,755	50	100
ACHTA220C	M16 x 110 Ø20	1.303,194	25	75

• Non-assessed sizes

CH-A2

Stainless steel A2. Hexagonal head
Option 7. ETA Assessed



02 Technical info
P. 351



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZACHTA208C	M6 x 45 Ø8	4,357	2	15
BZACHTA208L	M6 x 60 Ø8	4,357	2	15
BZACHTA210C	M8 x 60 Ø10	4,357	2	15
BZACHTA210L	M8 x 80 Ø10	4,357	2	15

CODE	SIZE	€/BOX	PCS.	BOXES
VACHTA208C	M6 x 45 Ø8	12,614	10	8
VACHTA208L	M6 x 60 Ø8	14,664	10	8
VACHTA210C	M8 x 60 Ø10	13,133	6	8
VACHTA210L	M8 x 80 Ø10	15,638	6	8
VACHTA212C	M10 x 70 Ø12	14,736	4	8
VACHTA212L	M10 x 100 Ø12	18,190	4	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSACHTA208C	M6 x 45 Ø8	13,624	12	6
LSACHTA208L	M6 x 60 Ø8	15,838	12	6
LSACHTA210C	M8 x 60 Ø10	15,759	8	6
LSACHTA210L	M8 x 80 Ø10	18,764	8	6
LSACHTA212C	M10 x 70 Ø12	19,897	6	6
LSACHTA212L	M10 x 100 Ø12	18,190	4	5

CH

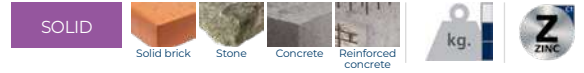
Anti-spin sleeve anchor, for medium loads

CH-8.8

Hexagonal head screw 8.8. Option 7
ETA Assessed



02 Technical info
p. 351



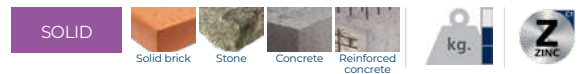
CODE	SIZE	€/100		
ACHT8808C	M6 x 45 Ø8	32,532	200	1.200
ACHT8808L	M6 x 60 Ø8	37,355	200	800
ACHT8810C	M8 x 60 Ø10	51,318	100	600
ACHT8810L	M8 x 80 Ø10	62,391	100	400
ACHT8812C	M10 x 70 Ø12	83,653	100	200
ACHT8812L	M10 x 100 Ø12	103,378	50	200
ACHT8816C	M12 x 80 Ø16	157,972	50	200
ACHT8816L	M12 x 110 Ø16	191,675	50	100
ACHT8820C	M16 x 110 Ø20	339,228	25	50

CH-8.8 E

Hexagonal head screw 8.8 for reduced
thicknesses



02 Technical info
p. 352



CODE	SIZE	€/100		
ACHT8808E	M6 x 40 Ø8	36,414	200	1.200
ACHT8810E	M8 x 40 Ø10	62,176	100	600



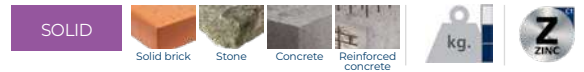
**Especially suitable for fixings
on reduced thicknesses
of concrete.**

CH-PL

Flat head screw. Option 7 ETA
Assessed



02 Technical info
p. 352



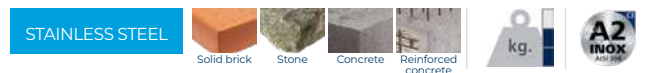
CODE	SIZE	€/100			
ACHTPL08C	M6 x 45 Ø8	48,873	4	100	1.200
ACHTPL08L	M6 x 60 Ø8	71,677	4	100	1.200
ACHTPL10C	M8 x 60 Ø10	80,316	5	100	600
ACHTPL10L	M8 x 80 Ø10	108,272	5	100	400
ACHTPL12C	M10 x 70 Ø12	142,210	6	50	300
ACHTPL12L	M10 x 100 Ø12	243,828	6	50	300

CH-PI

Stainless steel A2 flat head screw.
Option 7 ETA Assessed

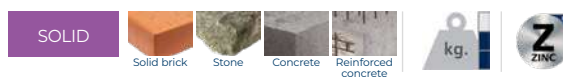


02 Technical info
p. 352



CODE	SIZE	€/100			
ACHTPI08C	M6 x 45 Ø8	99,762	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	127,744	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	188,208	5	100	600
ACHTPI10L	M8 x 80 Ø10	222,796	5	100	400
ACHTPI12C	M10 x 70 Ø12	297,601	6	50	300
ACHTPI12L	M10 x 100 Ø12	351,350	6	50	300

Anti-spin sleeve anchor, for medium loads



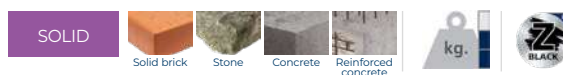
CODE	SIZE	€/100			
ACHINB08C	M6 x 45 Ø8	46,997	TX40	100	1.200
ACHINB08L	M6 x 60 Ø8	53,862	TX40	100	800
ACHINB10C	M8 x 60 Ø10	66,649	TX40	100	600
ACHINB10L	M8 x 80 Ø10	78,613	TX40	100	400



CODE	SIZE	€/BAG	PCS.	BAGS
BZACHINB08C	M6 x 45 Ø8	3,231	2	15
BZACHINB10C	M8 x 60 Ø10	3,231	2	15

FREE - 1 bit TX40 (Cod. PUTO40) inside each box

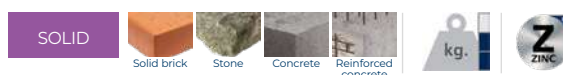
Tamperproof available separately on page 184.



CODE	SIZE	€/100			
ACHINN08C	M6 x 45 Ø8	57,272	TX40	100	1.200
ACHINN08L	M6 x 60 Ø8	64,165	TX40	100	800
ACHINN10C	M8 x 60 Ø10	77,090	TX40	100	600
ACHINN10L	M8 x 80 Ø10	92,584	TX40	100	400

FREE - 1 bit TX40 (Cod. PUTO40) inside each box

Tamperproof available separately on page 184.



CODE	SIZE	€/100		
ACHE08C	M6 x 45 Ø8	50,864	200	1.200
ACHE09C	M6 x 45 Ø9	52,646	200	800
ACHE10C	M8 x 60 Ø10	75,236	100	600
ACHE10L	M8 x 80 Ø10	87,602	100	400
ACHE11C	M8 x 60 Ø11	82,962	100	600
ACHE11L	M8 x 80 Ø11	91,685	100	400
ACHE12C	M10 x 70 Ø12	106,607	100	200
ACHE12L	M10 x 100 Ø12	139,525	50	200
ACHE14C	M10 x 70 Ø14	117,241	100	200
ACHE14L	M10 x 100 Ø14	157,439	50	200

CH-INB

Zinc-plated tamperproof head. Option 7 ETA Assessed



CH-INN

Black zinc-plated tamperproof head. Option 7 ETA Assessed



CH-ES

Projecting bolt



CH

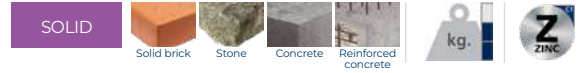
Anti-spin sleeve anchor, for medium loads

CH-GA

Hook bolt



02 Technical info
p. 352



CODE	SIZE	€/100	APERTURE HOOK		
ACHG08C	M6 x 45 Ø8	46,561	10	100	600
ACHG09C	M6 x 45 Ø9	48,735	10	100	600
ACHG10C	M8 x 60 Ø10	77,426	13	100	400
ACHG11C	M8 x 60 Ø11	85,266	13	100	400
ACHG12C	M10 x 70 Ø12	125,281	14	50	200
ACHG14C	M10 x 70 Ø14	143,556	14	50	200
ACHG16C	M12 x 80 Ø16	227,490	22	25	100



Blister



Window Box



Self-Service

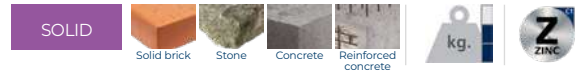
CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZACHG08C	M6 x 45 Ø8	3,231	2	15	VACHG08C	M6 x 45 Ø8	5,791	10	8	LSACHG08C	M6 x 45 Ø8	6,787	12	6
BZACHG10C	M8 x 60 Ø10	3,231	2	15	VACHG10C	M8 x 60 Ø10	5,876	6	8	LSACHG10C	M8 x 60 Ø10	5,876	6	6
BZACHG12C	M10 x 70 Ø12	3,231	2	10										

CH-GE

Hook spiral

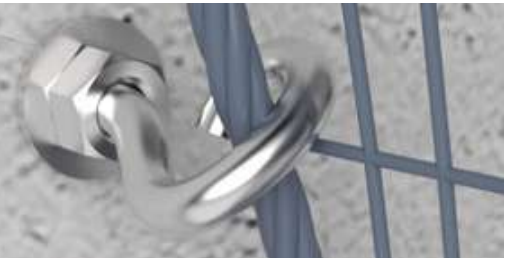


02 Technical info
p. 353



CODE	SIZE	€/100		
ACHGE10	M8 x 115 Ø10	180,472	25	150
ACHGE12	M10 x 135 Ø12	212,342	15	90

CH-GE
SPIRAL HOOK BOLT
FOR NETTING, MESH
AND CABLE FIXING

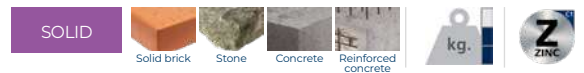


CH-GF

Forged hook bolt



02 Technical info
p. 353



CODE	SIZE	€/100	APERTURE HOOK		
ACHGF008C	M6 x 45 Ø8	93,655	10	100	600
ACHGF010C	M8 x 60 Ø10	127,525	11	100	400
ACHGF012C	M10 x 70 Ø12	204,834	14	50	200

CH-GF A2

Stainless steel A2 forged hook bolt

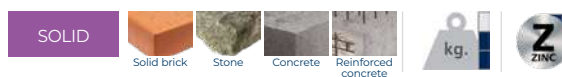


02 Technical info
p. 353



CODE	SIZE	€/100	APERTURE HOOK		
ACHGA208C	M6 x 45 Ø8	361,336	10	100	600
ACHGA210C	M8 x 60 Ø10	536,738	11	100	400
ACHGA212C	M10 x 70 Ø12	747,689	14	50	200

Anti-spin sleeve anchor, for medium loads



CODE	SIZE	€/100	EYE BOLT Ø		
ACHA08C	M6 x 45 Ø8	46,561	10	100	600
ACHA09C	M6 x 45 Ø9	48,735	10	100	600
ACHA10C	M8 x 60 Ø10	77,426	13	100	400
ACHA11C	M8 x 60 Ø11	85,266	13	100	200
ACHA12C	M10 x 70 Ø12	125,281	14	50	200
ACHA14C	M10 x 70 Ø14	143,556	14	50	200
ACHA16C	M12 x 80 Ø16	227,490	22	25	100

CH-AR

Eye bolt



02 Technical info
P. 353



Blister

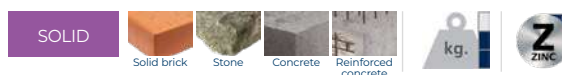


Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZACHA08C	M6 x 45 Ø8	3,231	2	15	VACHA08C	M6 x 45 Ø8	5,897	10	8	LSACHA08C	M6 x 45 Ø8	8,035	14	6
BZACHA10C	M8 x 60 Ø10	3,231	2	15	VACHA10C	M8 x 60 Ø10	5,876	6	8	LSACHA10C	M8 x 60 Ø10	5,876	6	6
BZACHA12C	M10 x 70 Ø12	3,231	2	10										



CODE	SIZE	€/100	EYE BOLT Ø		
ACHAFO08C	M6 x 45 Ø8	88,609	10	100	600
ACHAFO10C	M8 x 60 Ø10	115,741	12	100	400
ACHAFO12C	M10 x 70 Ø12	177,656	14	50	200

CH-AF

Forged eye bolt



02 Technical info
P. 353



CODE	SIZE	€/100	EYE BOLT Ø		
ACHAA208C	M6 x 45 Ø8	396,769	10	100	600
ACHAA210C	M8 x 60 Ø10	632,912	11	100	400
ACHAA212C	M10 x 70 Ø12	860,123	14	50	200

CH-AF A2

Stainless steel A2 forged eye bolt



02 Technical info
P. 353

Hook bolt, eye bolt and spiral hook available separately on page 300



HE

DROP IN ANCHOR FOR HEAVY LOADS



RANGE			
PRODUCT	PICTURE	ASSESSMENT	BASE MATERIALS
HE-HO		ETA OPTION 7 CE FIRE RESISTANCE	
HE-A4		ETA OPTION 7 CE FIRE RESISTANCE	
HE-CL		ETA OPTION 7 CE FIRE RESISTANCE	
HE-HC		ETA	
HE-NO			
HE-NS			
EXP			

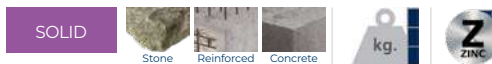


- ### CHARACTERISTICS
- Works by deformation.
 - European assessment for interior structural applications in non-cracked concrete.
 - European approval for non-structural applications in cracked and non-cracked concrete.
 - Prior installation of material to be fixed.
 - Bolt may be disassembled, leaving base material surface clear.
 - Bolt not supplied.

- ### APPLICATIONS
- Fixings in suspended ceilings, sprinkler systems and ventilation systems.
 - Structural fixings, indoor and / or outdoor ironwork.
 - Threaded rod fixings.



Drop in anchor with internal thread for heavy loads



CODE	SIZE	€/100	LENGTH			
HEHOM06	M6 x 25 Ø8	15,600	25	100	4.000	
HEHOM08	M8 x 30 Ø10	20,591	30	100	2.200	
HEHOM10	M10 x 40 Ø12	34,437	40	50	1.000	
HEHOM12	M12 x 50 Ø15	63,308	50	50	600	
HEHOM16	M16 x 65 Ø20	159,541	65	25	250	
HEHOM20	M20 x 80 Ø25	313,971	80	25	100	
HEHOM12D	M12 x 50 Ø16	73,889	50	50	400	



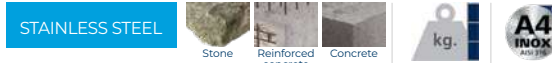
* Designed for fastening diamond cutting equipment

HE-HO

Zinc plated.
Option 7 ETA Assessed



02 Technical info
P. 353



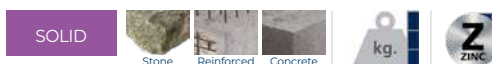
CODE	SIZE	€/100	LENGTH			
HEA4M06	M6 x 25 Ø8	97,720	25	100	4.000	
HEA4M08	M8 x 30 Ø10	139,332	30	100	2.200	
HEA4M10	M10 x 40 Ø12	215,675	40	50	1.000	
HEA4M12	M12 x 50 Ø15	429,421	50	50	600	
HEA4M16	M16 x 65 Ø20	959,572	65	25	250	
HEA4M20	M20 x 80 Ø25	1.752,641	80	25	100	

HE-A4

Stainless steel A4.
Option 7 ETA Assessed



02 Technical info
P. 354



CODE	SIZE	€/100	LENGTH			
HECLOM06	M6 x 25 Ø8	20,059	25	100	4.000	
HECLOM08	M8 x 30 Ø10	27,684	30	100	2.200	
HECLOM10	M10 x 40 Ø12	43,287	40	50	1.000	
HECLOM12	M12 x 50 Ø15	78,560	50	50	600	
HECLOM16	M16 x 65 Ø20	212,929	65	25	250	
HECLOM12D	M12 x 50 Ø16	91,598	50	50	400	



* Designed for fastening diamond cutting equipment

HE-CL

With flared lip.
Option 7 ETA Assessed



02 Technical info
P. 354

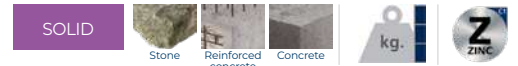


HE

Drop in anchor with internal thread for heavy loads

NEW HE-HC

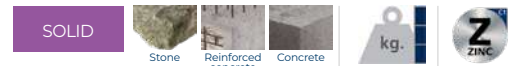
Short. Zinc plated.
Option 7 ETA Assessed



CODE	SIZE	€/100	LENGTH		
HEHCM08	M8 x 25 Ø10	23,681	25	100	1.600
HEHCM10	M10 x 25 Ø12	38,570	25	50	800
HEHCM12	M12 x 25 Ø15	70,907	25	50	-

HE-NO

Zinc-plated



CODE	SIZE	€/100	LENGTH		
HENOM06	M6 x 25 Ø8	12,408	25	100	4.000
HENOM08	M8 x 30 Ø10	17,136	30	100	2.200
HENOM10	M10 x 40 Ø12	28,655	40	50	1.000
HENOM12	M12 x 50 Ø15	52,678	50	50	600
HENOM16	M16 x 65 Ø20	132,746	65	25	250
HENOM20	M20 x 80 Ø25	260,518	80	25	100



Blister



Window Box

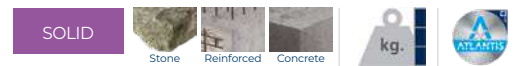


Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZHENOM06	M6 x 25 Ø8	3,231	4	20	VHENOM06	M6 x 25 Ø8	2,994	15	8	LSHENOM06	M6 x 25 Ø8	4,968	30	7
BZHENOM08	M8 x 30 Ø10	3,231	4	20	VHENOM08	M8 x 30 Ø10	3,653	15	8	LSHENOM08	M8 x 30 Ø10	6,574	30	7
BZHENOM10	M10 x 40 Ø12	3,231	2	15						LSHENOM10	M10 x 40 Ø12	6,314	16	7

NEW HE-NS

ATLANTIS C3-L



CODE	SIZE	€/100	LENGTH		
HENSM08	M8 x 30 Ø10	26,557	30	100	2.200
HENSM10	M10 x 40 Ø12	42,982	40	50	1.000
HENSM12	M12 x 50 Ø15	79,015	50	50	600
HENSM16	M16 x 65 Ø20	199,120	65	25	250

EXP

Manual setting tool for drop in anchors



CODE	SIZE	VALID FOR	€/100		
EXHBM06	M6	1.062,960	1.032,000	1	10
EXHBM08	M8	1.062,960	1.032,000	1	10
EXHBM10	M10	1.062,960	1.032,000	1	10
EXHBM12	M12	1.062,960	1.032,000	1	10
•EXHBM16	M16	1.062,960	1.032,000	1	10
•EXHBM20	M20	1.062,960	1.032,000	1	10

• Measurements without handle



Hollow-core slab anchor ETA Assessed

HC

HOLLOWES



CODE	SIZE	€/100	DRILL Ø		
HCM06	M6	84,793	10	100	600
HCM08	M8	102,331	12	50	600
HCM10	M10	145,567	16	25	300



Hollow ceiling anchor



02 Technical info P. 354



Brass expansion anchor for light fastenings in solid materials

TALA

SOLID



CODE	SIZE	€/100		
TALA532	W5/32 x 16 Ø5	10,012	300	9.600
TALAM04	M4 x 16 Ø5	10,012	300	9.600
TALAM05	M5 x 18 Ø6	16,339	200	6.400
TALAM06	M6 x 23 Ø8	22,533	200	4.800
TALAM08	M8 x 28 Ø10	40,452	100	2.400
TALAM10	M10 x 33 Ø12	63,194	150	1.800
TALAM12	M12 x 38 Ø15	135,977	150	900



02 Technical info P. 355



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS. BAGS	CODE	SIZE	€/BOX	PCS. BOXES	CODE	SIZE	€/BAG	PCS. BAGS
BZTALAM06	M6 x 23 Ø8	3,231	4 20	VTALAM06	M6 x 23 Ø8	7,444	25 8	LSTALAM06	M6 x 23 Ø8	13,397	50 8
BZTALAM08	M8 x 28 Ø10	3,231	4 20	VTALAM08	M8 x 28 Ø10	7,903	15 8	LSTALAM08	M8 x 28 Ø10	14,232	30 7
BZTALAM10	M10 x 33 Ø12	3,231	2 15	VTALAM10	M10 x 33 Ø12	12,456	15 8	LSTALAM10	M10 x 33 Ø12	18,681	25 5

Steel expansion plug

TA-ME

SOLID



CODE	SIZE	€/100	MIN. ORDER QTY.		
TAME05030	M5 x 30 Ø5	9,889	200	100	4.500
TAME06032	M6 x 32 Ø6	11,099	200	100	2.400
TAME08038	M8 x 38 Ø8	18,407	200	100	1.200
TAME08060	M8 x 60 Ø8	25,470	100	50	600
TAME10060	M10 x 60 Ø10	29,628	50	50	600



02 Technical info P. 355



Blister

CODE	SIZE	€/BAG	PCS. BAGS	BAGS
BZTAME06032	M6 x 32 Ø6	3,231	4	20
BZTAME08038	M8 x 38 Ø8	3,231	4	20
BZTAME08060	M8 x 60 Ø8	3,231	4	20
BZTAME10060	M10 x 60 Ø10	3,231	4	20

Ceiling wedge anchor ETA Assessed

AN-CU

SOLID



CODE	SIZE	€/100	DRILL Ø		
ANCU06040	6 x 40 Ø6	23,899	6	100	1.200
ANCU06070	6 x 70 Ø6	37,464	6	100	1.200



02 Technical info P. 355



ZA

Anchor for medium-heavy loads in hollow and solid elements

ZA-CA

Shield



02 Technical info p. 356

PATENTED

MULTI-MATERIAL



CODE	SIZE	€/100	SHIELD LENGHT		
AZAMC06	M6 x 48 Ø12	104,432	48	100	1.200
AZAMC08	M8 x 50 Ø14	128,719	50	100	600
AZAMC10	M10 x 58 Ø16	165,706	58	50	300
AZAMC12	M12 x 72 Ø20	265,788	72	25	300
AZAMC16	M16 x 107 Ø25	545,928	107	25	150

ZA-TO

Loose bolt



02 Technical info p. 356

PATENTED

MULTI-MATERIAL



CODE	SIZE	€/100	SHIELD LENGHT		
AZAMT06	M6 x 50 Ø12	134,892	48	100	600
AZAMT08	M8 x 60 Ø14	171,155	50	100	400
AZAMT10	M10 x 80 Ø16	243,968	58	50	200
AZAMT12	M12 x 100 Ø20	404,089	72	25	100
AZAMT16	M16 x 140 Ø25	898,456	107	25	50

ZA-TL

Long loose bolt



02 Technical info p. 356

PATENTED

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE		
ZT06L10	M6 x 60 Ø12	161,888	60	100	600
ZT06L30	M6 x 80 Ø12	177,430	80	100	600
ZT08L15	M8 x 70 Ø14	219,985	70	100	400
ZT08L35	M8 x 90 Ø14	228,488	90	100	400
ZT08L45	M8 x 100 Ø14	248,116	100	100	300
ZT10L10	M10 x 70 Ø16	351,076	70	50	200
ZT10L30	M10 x 90 Ø16	352,325	90	50	200
ZT10L50	M10 x 110 Ø16	337,900	110	50	200
ZT10L80	M10 x 140 Ø16	393,365	140	50	150
ZT12L15	M12 x 90 Ø20	532,166	90	25	100
ZT12L45	M12 x 120 Ø20	548,172	120	25	50
ZT12L65	M12 x 140 Ø20	600,242	140	25	100

ZA-PR

Long loose bolt with pipe



02 Technical info p. 356

PATENTED

MULTI-MATERIAL



CODE	SIZE	€/100	PIPE LENGTH		
ZP06C40	M6 x 90 Ø12	338,177	40	100	400
ZP08C15	M8 x 70 Ø14	341,726	15	100	200
ZP08C45	M8 x 100 Ø14	395,363	45	100	300
ZP10C50	M10 x 110 Ø16	554,130	50	50	100
ZP10C80	M10 x 140 Ø16	657,101	80	50	100
ZP12C15	M12 x 90 Ø20	704,221	15	25	100
ZP12C65	M12 x 140 Ø20	857,761	65	25	50



Anchor for medium-heavy loads in hollow and solid elements

ZA



CODE	SIZE	€/100	SCREW SIZE		
AZAME06	M6 x 60 Ø12	145,014	60	100	600
AZAME08	M8 x 70 Ø14	190,775	70	100	400
AZAME10	M10 x 100 Ø16	263,257	100	50	200
AZAME12	M12 x 120 Ø20	444,992	120	25	100
AZAME16	M16 x 140 Ø25	978,404	140	25	50

ZA-ES

Projecting bolt



02 Technical info P. 356

PATENTED



CODE	SIZE	€/100	APERTURE HOOK		
AZAMG06	M6 x 45 Ø12	147,464	10	50	600
AZAMG08	M8 x 50 Ø14	207,113	13	50	300
AZAMG10	M10 x 56 Ø16	288,080	14	25	150
AZAMG12	M12 x 70 Ø20	461,595	22	25	100

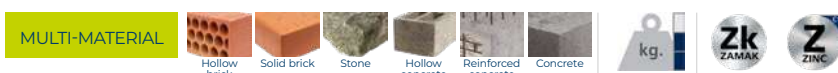
ZA-GA

Hook bolt



02 Technical info P. 357

PATENTED



CODE	SIZE	€/100	APERTURE HOOK		
AZAMGF006	M6 x 45 Ø12	211,262	10	50	600
AZAMGF008	M8 x 50 Ø14	306,845	11	50	300
AZAMGF010	M10 x 56 Ø16	408,436	14	25	150
AZAMGF012	M12 x 70 Ø20	662,949	18	25	75

ZA-GF

Forged hook bolt



02 Technical info P. 357

PATENTED



CODE	SIZE	€/100	EYE BOLT Ø		
AZAMA06	M6 x 45 Ø12	146,029	10	50	600
AZAMA08	M8 x 50 Ø14	205,954	13	50	300
AZAMA10	M10 x 56 Ø16	280,448	14	25	150
AZAMA12	M12 x 70 Ø20	457,609	22	25	100

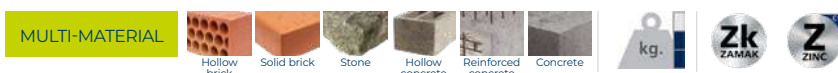
ZA-AR

Eye bolt



02 Technical info P. 357

PATENTED



CODE	SIZE	€/100	EYE BOLT Ø		
AZAMAF006	M6 x 45 Ø12	210,205	10	50	600
AZAMAF008	M8 x 50 Ø14	283,561	12	50	300
AZAMAF010	M10 x 56 Ø16	377,060	14	25	150
AZAMAF012	M12 x 70 Ø20	603,232	17	25	100

ZA-AF

Forged eye bolt



02 Technical info P. 357

PATENTED

AC

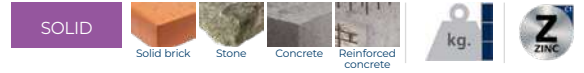
Winged steel anchor for heavy-duty fixings

AC-CA

Shield



02 Technical info
P. 357



CODE	SIZE	€/100	SHIELD LENGHT	MIN. ORDER QTY.		
AACCA06	M6 x 40 Ø10	25,921	40	-	50	1.200
AACCA08	M8 x 50 Ø14	40,227	50	100	50	600
AACCA10	M10 x 60 Ø16	53,996	60	100	50	300
AACCA12	M12 x 80 Ø20	97,824	80	50	25	300
AACCA16	M16 x 100 Ø25	255,835	100	20	10	120

AC-CI

Stainless steel A4 shield



02 Technical info
P. 357



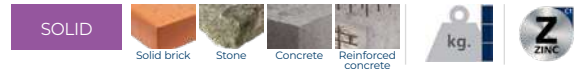
CODE	SIZE	€/100	SHIELD LENGHT			
AACCI06	M6 x 40 Ø10	421,470	40	50	1.200	
AACCI08	M8 x 50 Ø14	764,214	50	50	600	
AACCI10	M10 x 60 Ø16	855,151	60	25	300	
AACCI12	M12 x 80 Ø20	1.582,043	80	10	120	

AC-TO

Loose bolt 6.8



02 Technical info
P. 357



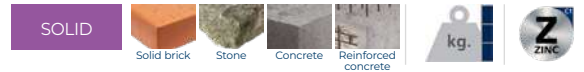
CODE	SIZE	€/100	LENGTH SCREW			
AACTO06	M6 x 40 Ø10	41,478	50	50	600	
AACTO08	M8 x 50 Ø14	71,402	60	50	300	
AACTO10	M10 x 60 Ø16	105,456	70	50	200	
AACTO12	M12 x 80 Ø20	201,884	100	25	100	
AACTO16	M16 x 125 Ø25	474,216	120	10	30	

AC-ES

Projecting bolt



02 Technical info
P. 358



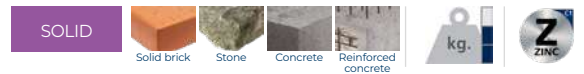
CODE	SIZE	€/100	PROJECTING BOLT LENGTH			
AACES06	M6 x 40 Ø10	52,777	60	50	600	
AACES08	M8 x 50 Ø14	80,624	70	50	300	
AACES10	M10 x 60 Ø16	120,066	80	50	200	
AACES12	M12 x 80 Ø20	240,818	115	25	100	

AC-GA

Hook bolt



02 Technical info
P. 358



CODE	SIZE	€/100	APERTURE HOOK			
AACGA06	M6 x 40 Ø10	90,566	10	50	600	
AACGA08	M8 x 50 Ø14	126,112	11	50	300	
AACGA10	M10 x 60 Ø16	191,104	14	50	100	
AACGA12	M12 x 80 Ø20	331,158	18	25	50	

AC-AR

Eye bolt

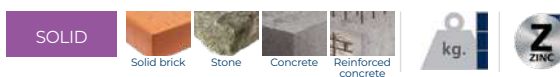


02 Technical info
P. 358



CODE	SIZE	€/100	EYE BOLT Ø			
AACAR06	M6 x 40 Ø10	86,754	10	50	600	
AACAR08	M8 x 50 Ø14	116,724	12	50	300	
AACAR10	M10 x 60 Ø16	178,977	14	50	200	
AACAR12	M12 x 80 Ø20	300,581	17	25	100	

Anti-spin sleeve anchor, for heavy-duty loads



CODE	SIZE	€/100	SHIELD LENGHT		
AHICA0645	M6 x 45 Ø12	61,109	41	100	1.200
AHICA0855	M8 x 55 Ø14	68,109	45	50	600
AHICA1065	M10 x 65 Ø16	87,093	57	50	300
AHICA1275	M12 x 75 Ø20	116,897	70	25	150
AHICA1690	M16 x 90 Ø24	193,545	90	10	60

HI-CA

Shield



02 Technical info P. 358



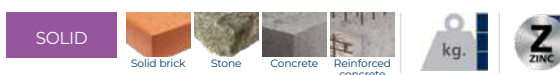
CODE	SIZE	€/100	SHIELD LENGHT		
AHICI0645	M6 x 45 Ø12	494,953	40	100	600
AHICI0855	M8 x 55 Ø14	695,146	48	50	600
AHICI1065	M10 x 65 Ø16	928,072	59	50	300

HI-CI

Stainless steel A2 shield



02 Technical info P. 358



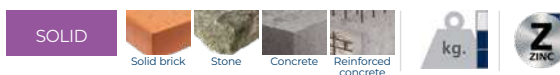
CODE	SIZE	€/100		
AHITO0645	M6 x 45 Ø12	75,656	100	600
AHITO0855	M8 x 55 Ø14	107,018	50	300
AHITO1065	M10 x 65 Ø16	151,237	50	200
AHITO1275	M12 x 75 Ø20	230,239	25	100
AHITO1690	M16 x 90 Ø24	426,827	10	40

HI-TO

Loose bolt 8.8



02 Technical info P. 358



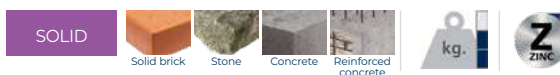
CODE	SIZE	€/100	APERTURE HOOK		
AHIGA0645	M6 x 45 Ø12	126,193	10	100	400
AHIGA0855	M8 x 55 Ø14	184,479	11	50	300
AHIGA1065	M10 x 65 Ø16	273,515	14	50	100
AHIGA1275	M12 x 75 Ø20	424,746	18	25	75
AHIGA1690	M16 x 90 Ø24	827,245	19	10	30

HI-GA

Hook bolt



02 Technical info P. 359



CODE	SIZE	€/100	EYE BOLT Ø		
AHIAR0645	M6 x 45 Ø12	126,278	10	100	400
AHIAR0855	M8 x 55 Ø14	164,084	12	50	300
AHIAR1065	M10 x 65 Ø16	220,798	14	50	200
AHIAR1275	M12 x 75 Ø20	361,552	17	25	75
AHIAR1690	M16 x 90 Ø24	788,258	23	10	30

HI-AR

Eye bolt



02 Technical info P. 359

EPS

Metal anchor for fixing window and door frames

MULTI-MATERIAL



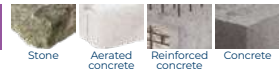
02 Technical info P. 359

CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
EPS6072	M6 x 72 Ø10	51,657	PZ3	40	100	600
EPS6092	M6 x 92 Ø10	62,490	PZ3	60	100	600
EPS6112	M6 x 112 Ø10	68,789	PZ3	80	100	200
EPS6132	M6 x 132 Ø10	77,269	PZ3	100	100	200
EPS6152	M6 x 152 Ø10	87,596	PZ3	120	100	400
EPS6182	M6 x 182 Ø10	111,287	PZ3	150	100	300

TRA

Express nail for batten fixings to concrete floors

SOLID



02 Technical info P. 359

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS		
TRA6050	6 x 50 Ø6	17,168	20	200	2.400
TRA6060	6 x 60 Ø6	18,486	30	200	1.200
TRA6080	6 x 80 Ø6	20,549	50	200	1.200
TRA8070	8 x 70 Ø8	27,436	30	100	1.200
TRA8090	8 x 90 Ø8	32,422	50	100	600
TRA8110	8 x 110 Ø8	37,577	70	100	600
TRA8130	8 x 130 Ø8	49,374	90	100	600
TRA8150	8 x 150 Ø8	55,354	110	100	600

Blister

CODE	SIZE	€/BAG	PCS. BAG	BAGS
BZTRA6050	6 x 50 Ø6	3,231	10	15
BZTRA6060	6 x 60 Ø6	3,231	10	15
BZTRA6080	6 x 80 Ø6	3,231	10	15
BZTRA8070	8 x 70 Ø8	3,231	10	15
BZTRA8090	8 x 90 Ø8	4,357	10	15
BZTRA8110	8 x 110 Ø8	4,357	10	12
BZTRA8130	8 x 130 Ø8	4,357	8	12
BZTRA8150	8 x 150 Ø8	4,357	8	12

AV

Screw anchor for ventilated façades

STAINLESS STEEL



AVR

Threaded



CODE	SIZE	€/100		
AVR08120	M8 x 120 Ø8	287,612	100	600
AVR08150	M8 x 150 Ø8	318,971	100	600
AVR10120	M10 x 120 Ø10	359,663	100	400
AVR10150	M10 x 150 Ø10	411,594	100	200
AVR10180	M10 x 180 Ø10	457,940	100	200

AVC

Corrugated



STAINLESS STEEL



CODE	SIZE	€/100		
AVC08120	8 x 120 Ø8	309,771	100	600
AVC08150	8 x 150 Ø8	346,757	100	600
AVC10120	10 x 120 Ø10	396,549	100	400
AVC10150	10 x 150 Ø10	454,199	100	200
AVC10180	10 x 180 Ø10	512,769	100	200



Scaffolding anchoring

ANFA

MULTI-MATERIAL



CODE	SIZE	€/100	Ø PLUG	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	EYE BOLT Ø		
ANFA2309	12 x 90	182,622	TC-SO Ø14-Ø16	100	90	23	20	120
ANFA2312	12 x 120	208,067	TC-SO Ø14-Ø16	130	120	23	20	80
ANFA2316	12 x 160	252,182	TC-SO Ø14-Ø16	170	160	23	20	60
ANFA2319	12 x 190	271,923	TC-SO Ø14-Ø16	200	190	23	20	60
ANFA2323	12 x 230	313,202	TC-SO Ø14-Ø16	240	230	23	20	40
ANFA2330	12 x 300	390,487	TC-SO Ø14-Ø16	310	300	23	10	20
ANFA2335	12 x 350	425,057	TC-SO Ø14-Ø16	360	350	23	10	-

* Recommended plug TCSO16140

MULTI-MATERIAL



CODE	SIZE	€/100	Ø PLUG	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	EYE BOLT Ø		
ANFA5114	12 x 140	324,131	TC-SO Ø14-Ø16	150	140	51	20	60
ANFA5116	12 x 160	353,839	TC-SO Ø14-Ø16	170	160	51	20	40
ANFA5120	12 x 200	458,278	TC-SO Ø14-Ø16	210	200	51	20	40
ANFA5124	12 x 240	504,830	TC-SO Ø14-Ø16	250	240	51	20	40

* Recommended plug TCSO16140

MULTI-MATERIAL



CODE	SIZE	€/100	HOLE DEPTH MIN.	EYE BOLT Ø		
ANFAZ5021	M10 x 210 Ø16	1.057,367	120	50	10	20

MULTI-MATERIAL



CODE	SIZE	€/100		
TCSO14075	14 x 75 Ø14	24,397	20	240
TCSO14100	14 x 100 Ø14	31,449	20	240

MULTI-MATERIAL



CODE	SIZE	€/100		
TCSO14130	14 x 130 Ø14	62,415	20	240
TCSO14160	14 x 160 Ø14	70,318	20	120
TCSO16140	16 x 140 Ø16	137,725	20	120
TCSO16160	16 x 160 Ø16	146,655	20	80
TCSO16200	16 x 200 Ø16	151,420	20	60
TCSO16240	16 x 240 Ø16	172,154	20	40

MULTI-MATERIAL



CODE	SIZE	€/100	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH		
ANFATA37B	13 x 37 Ø6	24,298	6	130	33	100	600
ANFATA70B	13 x 70 Ø6	29,266	6	180	33	100	300

AN-23

Eye diameter 23 mm



02
P. 362
Technical info

AN-51

Eye diameter 51 mm



02
P. 363
Technical info

AN-50 CT

Eye diameter 50 mm + zamak shield
M10



02
P. 363
Technical info

TC-SO 2

Nylon plug, 2 wings



TC-SO 8

Nylon plug, 8 wings



AN-TA

Cap for wall plug holes






























CHEMICAL FIXINGS



SELECTION TABLE

										
	Universal Polyester	Polyester PLUS	Styrene free polyester PLUS	Styrene free polyester PLUS. Stone	Vinylester	Styrene free vinylester	Styrene free hybrid resin	Styrene free hybrid resin. Winter	Pure epoxy 1:1	Pure epoxy 3:1
	MO-PU	MO-P+	MO-PS+	MO-PSP+	MO-V	MO-VS	MO-H	MO-HW	MOPURE	MOPUR3

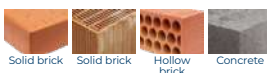
 Option 1							•	•	•	•
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 SEISMIC _{C1}							•	•	•	
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Chemical anchors

MO

CHEMICAL



CODE	SIZE	€/1PC	
MOPU300	300 ml	11,957	12
MOPU410	410 ml	13,620	12



MO-PU NEW

Polyester universal.
ETA Assessed

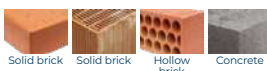


MO-P+ NEW

Polyester PLUS.
Option 7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOP300	300 ml	12,986	12
MOP410	410 ml	14,444	12



CHEMICAL



CODE	SIZE	€/1PC	
MOPS300	300 ml	15,069	12
MOPS410	410 ml	17,986	12
KIT MO-PS			
MOPS300EP	300 ml - KIT	18,753	12

- Content:
- Cartridge MOPS300 (300 ml) - x1
 - Nozzle MORCANU x2
 - Stud bolt MOPSP30110 (M8 x 110 Ø3) - x4
 - Plastic sleeve MOTN15085 (15 x Ø3) - x4

See video



Do you know for how long you can handle a chemical anchor once it has been applied?

A new formula to MO-PS+ makes the mortar change colour once the curing process begins, indicating that it can no longer be handled.



CHEMICAL



CODE	SIZE	€/1PC	
MOPSP300	300 ml	16,439	12
MOPSP410	410 ml	19,621	12



MO-PSP+ NEW

Polyester PLUS
styrene free stone color.
Option 7 ETA Assessed



MO

Chemical anchors

MO-V

Vinylester.
Option 7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOV300	300 ml	15,556	12
MOV410	410 ml	17,704	12



M8-M24



MO-VS

Vinylester styrene free.
Option 7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOV300	300 ml	18,000	12
MOV410	410 ml	20,733	12



M8-M24



MO-H

Hybrid.
Option 1 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOH300	300 ml	20,467	12
MOH410	410 ml	23,200	12



Ø8-Ø25



Ø8-Ø32



M8-M30



MO-HW

Hybrid WINTER version
for low temperatures.
Option 1 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOHW300	300 ml	21,467	12
MOHW410	410 ml	24,600	12



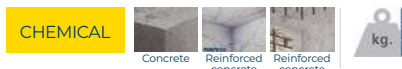
Ø8-Ø32



M8-M30



Chemical anchors

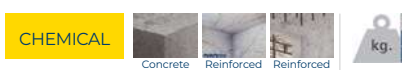


CODE	SIZE	€/1PC	kg.
MOPURE600	600 ml	59,583	12



MOPURE

Pure Epoxy 1:1
Option 1 ETA Assessed



CODE	SIZE	€/1PC	kg.
MOPUR30385	385 ml	43,556	12
MOPUR30585	585 ml	57,778	12



MOPUR3

Pure Epoxy 3:1
Option 1
ETA Assessed



INDEXmor CLOUD

ONLINE SOFTWARE TO CALCULATE CHEMICAL MORTARS

The software makes it possible to calculate online how many cartridges will need to be used depending on the parameters entered, both in brick and in concrete (measuring rod and corrugated bar).

Parameters in Concrete:

- Selection of element to install (Measuring rod or corrugated bar).
- Number of holes to fill.
- Selection of metrics (M8 - M32).
- Depth of hole.
- Use of the cartridge (optimal, good, poor).

Parameters in Brick:

- Number of holes to fill.
- Selection of metrics (M8 - M12).
- Possibility to include threaded sieve in the calculation.
- Depth of hole.

Benefits:

- Software 100% online.
- Ease of use. Responsive design.
- Multilingual: Available in Spanish, English, French, German and Portuguese.



MO-AC

Accessories for chemical anchors

MO-PIS

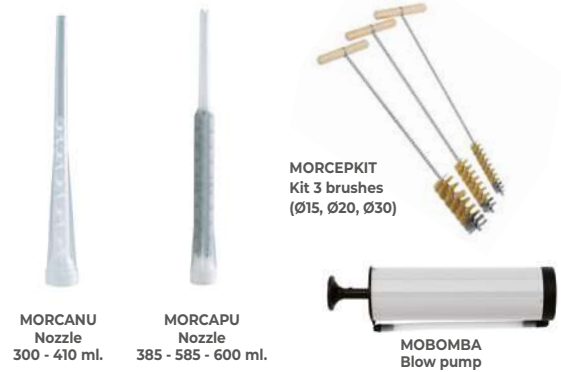
Guns



CODE	MODEL	CARTDRIDGE SIZE	€/1 PC	
MOPISTO	Manual	410 ml.	40,922	1
MOPISPR	Professional	410 ml.	101,071	1
MOPISSI	Silicone	170ml. / 300 ml.	22,300	1
MOPISPUR6	MOPURE600	600 ml.	52,527	1
MOPISNEU	Pneumatic	410 ml.	1.338,379	1
MOPISP3385	MOPUR30385	385 ml.	111,583	1
MOPISP3585	MOPUR30585	585 ml.	126,718	1

MO-AC

Mixer nozzles and more



CODE	MODEL	€/1 PC		
MOBOMBA	Blow pump	14,720	1	-
MORCANU	Nozzle 300 - 410 ml.	0,958	12	144
MORCAPU	Nozzle 385 - 585 - 600 ml.	1,463	12	24
MORCEPKIT	Kit brushes	71,258	1	-

MO-TN

Plastic sleeve



CODE	SIZE	€/100	MIN. ORDER QTY.		
MOTN12050	12 x 50	37,787	24	12	240
MOTN15085	15 x 85	31,648	24	12	240
MOTN15130	15 x 130	37,327	24	12	240
MOTN20085	20 x 85	36,012	24	12	240

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMOTN12050	12 x 50	2,688	4	7
LSMOTN15085	15 x 85	2,675	4	6
LSMOTN20085	20 x 85	2,362	2	6

MO-ES

Stud bolt



CODE	SIZE	€/100		
MOES06070	M6 x 70 Ø6	55,874	12	540
MOES08110	M8 x 110 Ø8	94,560	12	288
MOES10115	M10 x 115 Ø10	125,594	12	144
MOES12110	M12 x 110 Ø12	167,335	12	144

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMOES06070	M6 x 70 Ø6	4,179	4	10
LSMOES08110	M8 x 110 Ø8	5,964	4	7
LSMOES10115	M10 x 115 Ø10	7,357	4	6
LSMOES12110	M12 x 110 Ø12	9,239	4	6

MO-TR

Sleeve with internal thread



CODE	SIZE	€/100		
MOTR008	M8 x 80 Ø12	192,591	12	540
MOTR010	M10 x 80 Ø14	257,996	12	288
MOTR012	M12 x 80 Ø16	312,375	12	288

MO-TM

Metal sleeve

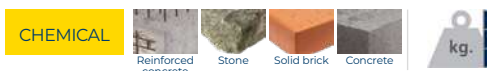


CODE	SIZE	€/100		
MOTM12100	12 x 1.000 Ø11	1.676,162	10	-
MOTM16100	16 x 1.000 Ø14	1.898,155	10	-
MOTM22100	22 x 1.000 Ø21	2.229,538	5	20



Epoxy resin, quartz and a phial of hardener. Option 8
ETA Assessed

CA-QU



CODE	SIZE	€/100		
CAQU008	8 x 80 Ø10	191,535	10	500
CAQU010	10 x 90 Ø12	195,940	10	500
CAQU012	12 x 110 Ø14	204,294	10	200
CAQU016	16 x 125 Ø18	227,132	10	200
CAQU020	20 x 170 Ø25	462,144	6	60
CAQU024	24 x 210 Ø28	541,090	6	60
•CAQU030	30 x 280 Ø35	964,873	6	30



02 Technical info
P. 363



• Non-assessed sizes

PACKAGING WITH
ANTI-BREAKAGE
PROTECTION



Stud bolt for chemical anchor, with nut and washer

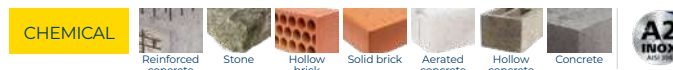
EQ



CODE	SIZE	€/100		
EQAC08110	M8 x 110	67,201	10	240
EQAC10130	M10 x 130	107,957	10	120
EQAC12160	M12 x 160	172,094	10	120
EQAC16190	M16 x 190	326,203	10	40
EQAC20260	M20 x 260	705,460	6	12
EQAC24300	M24 x 300	1.072,199	6	12
EQAC30330	M30 x 330	2.227,554	6	12

EQ-AC

Zinc-plated



CODE	SIZE	€/100		
EQA208110	M8 x 110	244,501	10	240
EQA210130	M10 x 130	404,064	10	120
EQA212160	M12 x 160	669,658	10	120
EQA216190	M16 x 190	1.387,508	10	40
EQA220260	M20 x 260	2.651,893	6	12
EQA224300	M24 x 300	4.237,873	6	12
EQA230330	M30 x 330	7.731,842	6	12

EQ-A2

A2 Stainless steel



CODE	SIZE	€/100		
EQA408110	M8 x 110	308,721	10	240
EQA410130	M10 x 130	560,758	10	120
EQA412160	M12 x 160	964,607	10	120
EQA416190	M16 x 190	1.989,104	10	40
EQA420260	M20 x 260	4.600,835	6	12
EQA424300	M24 x 300	7.583,085	6	12
EQA430330	M30 x 330	13.376,617	6	12

EQ-A4

A4 Stainless steel



Selection table



	MSPRB290	MSPRG290	MSPRM290	MSPRN290	MSTR290	MSSF290
	•	•	•	•		
	•	•	•	•		•
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•		
	•	•	•	•	•	•
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	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•	•	•
	300 %	300 %	300 %	300 %	250 %	200 %
	150 kg/10 cm ²	150 kg/10 cm ²	150 kg/10 cm ²	150 kg/10 cm ²	140 kg/10 cm ²	430 kg/10 cm ²
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•	•	•
					•	
						•



New adhesives Hybrid MS Polymer



Versatility, high performance and ease of use

Hybrid MS Polymer from INDEX® mix the strength of polyurethane with the insulating properties of silicone, creating a product with high-performance adhesive capabilities that combine the advantages of the two materials.

The range includes three types of adhesives, aimed at different uses:

- MS-PR: Professional (in 4 colours)
- MS-TR: Transparent
- MS-SF: Superfast High Tack



MSPRB290



MSPRN290



MSPRM290



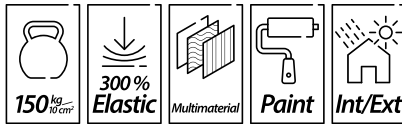
RAL 8016



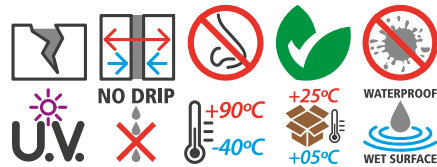
MSPRG290



RAL 7030



✓ **STICKS**
✓ **ASSEMBLE**
✓ **SEALS**



CODE	COLOUR		€/IPC	
MSPRB290		290 ml	10,540	12
MSPRN290		290 ml	10,540	12
MSPRM290		290 ml	10,540	12
MSPRG290		290 ml	10,540	12

Neutral and odourless adhesive sealant with excellent multi-material adhesion, especially recommended for affixing and sealing shelves, roof fixings, gutters, decks, frame joints or structures subjected to vibrations, sealing expansion joints, cisterns, containers and other aluminium elements, as well as for use in the food processing industry as this product has the ISEGA Certificate.

CHARACTERISTICS

- Available in white, black, brown (RAL 8016) and grey (RAL 7030)
- Hardness: 35-40 Shore A
- Withstands vibrations. 300% elasticity
- Maximum load of 150 kg/10cm²
- Can be painted and sanded
- Ecological (A+, EnviroCert and ISEGA Certificates)
- Solvent free
- Neutral and odourless
- Water-resistant
- Thixotropic (does not run on vertical joints)

APPLICATIONS

- Affixing and sealing in construction: shelves, roof fixings, gutters, decks, frame joints or structures subjected to vibrations.
- Filling cracks.
- Sealing and affixing in industry and automotive sectors.
- Sealing of expansion joints, cisterns, containers and other aluminium elements.
- Product certified for use in the food processing industry (ISEGA Certificate).
- Suitable for indoor and outdoor use. Resistant to UV and atmospheric conditions
- Can be applied to damp surfaces.
- Suitable for application in low temperatures.
- Adhesion to all types of materials (concrete, wood, metal, cork, aluminium, PVC, copper, brick, stone, porcelain...). Not recommended for Polyethylene (PE), Polypropylene (PP) and Polytetrafluoroethylene (PTFE).
- If the base material is unknown, tests must be done beforehand to ensure the product functions correctly.
- Suitable for assembling and affixing.

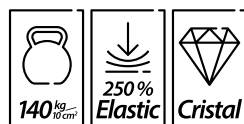


TRANSPARENT.
Maximum transparency in joints

MS-TR **NEW**



**STICKS
ASSEMBLE**



CODE	COLOUR		€/1PC	
MSTR290		290 ml	13,940	12



Colourless and odourless adhesive especially recommended for affixing and assembling in materials where a transparent or visible joint is preferred, such as glass, panes, acrylic, PVC, porcelain, ceramic and other transparent elements, outdoors or indoors.

CHARACTERISTICS

- Maximum transparency
- Hardness: 30-35 ShoreA
- 250% elasticity
- Maximum load of 140 kg/10cm²
- Neutral and odourless
- Can be painted and sanded
- Solvent free. Water-resistant

APPLICATIONS

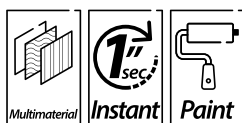
- Colourless. Suitable for affixing glass, panes, acrylic, PVC, porcelain, ceramic and other transparent elements, outdoors or indoors.
- Attaching of materials with a transparent or visible joint.
- Suitable for indoor and outdoor use. UVresistant.
- Can be applied to damp surfaces.
- Adhesion to all types of materials (concrete, wood, metal, cork, aluminium, PVC, copper, brick, stone, porcelain...). Not recommended for Polyethylene (PE), Polypropylene (PP) and Polytetrafluoroethylene (PTFE).
- If the base material is unknown, tests must be done beforehand to ensure the product functions correctly.
- Suitable for assembling, sealing and affixing.

SUPERFAST HIGH TACK.
Total hold, instantaneous maximum load

MS-SF **NEW**



**TOTAL
HOLD**



CODE	COLOUR		€/1PC	
MSSF290		290 ml	12,648	12



White adhesive which acts immediately to secure heavy objects quickly in demanding conditions without supports. Suitable for all types of materials (concrete, wood, metal, cork, aluminium, PVC, copper, brick, stone, porcelain...) both indoors and outdoors.

CHARACTERISTICS

- Maximum load of 430 kg/10cm²
- Instant adhesion in 1 second
- Hardness: 60-70 ShoreA
- Elongation at break: 150-250%
- Neutral and odourless
- Can be painted and sanded
- Ecological (A+ and EnviroCert Certificates)
- Solvent free. Water-resistant

APPLICATIONS

- Especially recommended for affixing and connecting heavy elements quickly and without additional fixings. Triples the holding capacity of other adhesives.
- Suitable for indoor and outdoor use. UVresistant.
- Can be applied to damp surfaces.
- Adhesion to all types of materials (concrete, wood, metal, cork, aluminium, PVC, copper, brick, stone, porcelain...). Not recommended for Polyethylene (PE), Polypropylene (PP) and Polytetrafluoroethylene (PTFE).
- If the base material is unknown, tests must be done beforehand to ensure the product functions correctly.

Selection table

	SI-PR					SI-PRS		SI-UNI					SI-UNS		SE-ACR	
	SIPRB280	SIPRG280	SIPRM280	SIPRN280	SIPRT280	SIPRSB280	SIPRST280	SIUNIB280	SIUNIG280	SIUNIM280	SIUNIN280	SIUNIT280	SIUNSB280	SIUNST280	SEACRB280	SEACRG280
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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New range of silicones



Sealing, insulating and applicable to different indoor and outdoor surfaces

The INDEX® range of silicones is available in a variety of colours and properties to adapt to the requirements of each application. All of the silicones are water-resistant and can adapt to different materials, making them a professional solution for the assembly and sealing of joints on different surfaces.

NEW

SI-PR

NEUTRAL Professional.

Professional neutral silicone for mounting windows, glazing and tempered glass on aluminium frames. Excellent adhesion on smooth and porous materials



SIPRB280

SIPRG280

SIPRM280

SIPRN280








SIPRT280

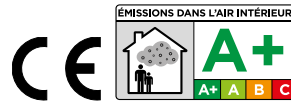


RAL 7030



RAL 8016

CODE	COLOUR		€/IPC	
SIPRB280		280 ml	6,800	12
SIPRG280		280 ml	6,800	12
SIPRM280		280 ml	6,800	12
SIPRN280		280 ml	6,800	12
SIPRT280		280 ml	6,800	12



ELASTIC AND FLEXIBLE



WINDOWS AND FAÇADES



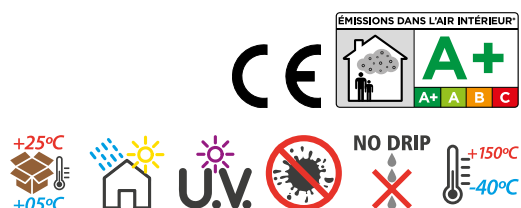
MULTI-MATERIAL







CHARACTERISTICS

- Elastic and flexible
- Suitable for application on windows
- Available in white, black, brown (RAL 8016), grey (RAL 7030) and transparent
- Multi-material: suitable for use on aluminium and PVC carpentry, expansion joints, concrete, bricks, stone, wood, metals and glass)
- A+ Certificate for indoor emissions

Professional neutral silicon with fungicide properties for humid environments



CODE	COLOUR		€/IPC	
SIPRSB280		280 ml	6,800	12
SIPRST280		280 ml	6,800	12



ELASTICANDEFLEXIBLE



ANTI-MOULD



BATHROOMSANDKITCHEN



MULTI-MATERIAL

CHARACTERISTICS

- They contain fungicides to avoid the appearance of mould
- Suitable for application in bathrooms and kitchens
- Elastic and flexible
- Suitable for application on windows
- Available in white and transparent
- Multi-material: suitable for use on aluminium and PVC carpentry, expansion joints, concrete, bricks, stone, wood, metals and glass)

NEW

SI-UNI

ACETIC Universal

Multi-use universal acetic silicone



INSIDE AND OUTSIDE



EXTERIOR/INTERIOR



GLASS/PANES AND WINDOWS



MULTI-USE

CODE	COLOUR		€/IPC	
SIUNIB280		280 ml	4,500	12
SIUNIG280		280 ml	4,590	12
SIUNIM280		280 ml	4,590	12
SIUNIN280		280 ml	4,590	12
SIUNIT280		280 ml	4,500	12



CHARACTERISTICS

- Multiuse: suitable for use on aluminium, ceramic, glass and porcelain
- Not suitable for materials that are porous, oxidable or susceptible to acid attack
- Elastic and flexible
- Can be applied inside and outside



NEW

SI-UNS

ACETIC SANITAR Universal

Multi-use universal acetic silicone with fungicide properties for humid environments



MULTIMATERIAL



BATHROOM AND KITCHEN



ANTI-MOULD



ELASTIC AND FLEXIBLE

CODE	COLOUR		€/IPC	
SIUNSB280		280 ml	4,590	12
SIUNST280		280 ml	4,590	12



CHARACTERISTICS

- Contains fungicide to prevent the appearance of mould
- Suitable for application in bathrooms and kitchens
- Elastic and flexible
- Suitable for application on windows
- Available in white and transparent
- Multiuse: Suitable for use on aluminium, ceramic, glass and porcelain
- Not suitable for materials that are porous, oxidable or susceptible to acid attack

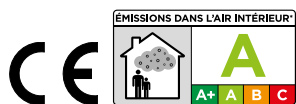




Acrylic sealant for joints & cracks

SE-ACR NEW

Professional acrylic sealant for sealing joints in porous materials and for repairing small cracks.



CODE	COLOUR		€/IPC	
SEACRB280		280 ml	3,573	12
SEACRG280		280 ml	3,573	12



CARACTERÍSTICAS

- Suitable for sealing all types of joints, small holes, cracks in façades and walls, slits in shutter encasements, and door and window frames
- Suitable for application on porous materials (concrete, wood, ceramic tiles, gypsum board) and for repairing small cracks
- Flexible and high adherence
- Can be painted and varnished
- Very easy to apply
- Suitable for indoor & outdoor applications

Nozzles for MS adhesives and silicones

MS-CA NEW



CODE	MODEL	VALID FOR	€/BAG	PCS.	BAGS
MSCATP	TAPON	MS-PR, MS-TR and Silicones	12,330	12	18
MSCAHT	ANCHA	MS-SF	12,920	12	18

PU-S

Multipurpose polyurethane foam

PU-SP

For application with a gun



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUSP750	750 ml	12,142	EN 13501, part 1 (E)	-40°C a +90°C	12

PU-SC

For application with a tube



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUSC750	750 ml	11,846	EN 13501, part 1 (E)	-40°C a +90°C	12



NEW ECOFLEX NOZZLE

Its innovative blocking system means that the product can be kept and reused for several days, reducing product waste and being more environmentally friendly.

PU-T

Polyurethane foam for attaching tiles

PU-TP

For application with a gun



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUTP750	750 ml	13,133	EN 13501, part 1 (E)	-40°C a +90°C	12



NEW PU-TC

For application with a tube



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUTC750	750 ml	12,738	EN 13501, part 1 (E)	-40°C a +90°C	12





Polyurethane foam Fire resistance

PU-F

CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUFP750	750 ml	22,932	DIN 4102, part 1 (B1); BS 476, part 20; EN 13501, part 1 (B-s1, d0); EN 13501, part 2 (EI 240)	-40° C a +90° C	12



PU-FP

For application with a gun



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUFC750	750 ml	22,243	DIN 4102, part 1 (B1); BS 476, part 20; EN 13501, part 1 (B-s1, d0); EN 13501, part 2 (EI 240)	-40° C a +90° C	12



PU-FC **NEW**

For application with a tube



NEW ECOFLEX NOZZLE

Its innovative blocking system means that the product can be kept and reused for several days, reducing product waste and being more environmentally friendly.

Polyurethane adhesive ETICS for insulation panels & cardboard panels

PU-EP

CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUEP750	750ml	20,600	EN 13501-1 (E)	-40° C a +90° C	12



PU-EP **NEW**

For application with a gun



ASSESSED ACCORDING TO
ETAG 004

PU-AC

Accessories for polyurethane foams

PU-PI

Application gun for polyurethane foams



CODE	MODEL	CARTDRIDGE SIZE	€/1 PC	
PUPI01	Professional	750 ml	94,577	1
PUPI02	NEW Basic	750 ml	36,050	1

PU-CA

Nozzle for polyurethane foam application



CODE	CARTDRIDGE SIZE	€/BAG	PCS.	BAGS
PUCA01	750 ml	5,091	12	18

PU-CL

Cleaner for polyurethane foam application



CHEMICAL



CODE	SIZE	€/1 PC	
PUCL500	500 ml	13,566	12



PLASTIC FIXINGS



T-NUX

UNIVERSAL
HIGH PERFORMANCE
NYLON PLUG



RANGE					
PRODUCT	PHOTO	HEAD	ASSESSMENT	BASE MATERIALS	
T-NUX E		HEXAGONAL WASHER HEAD			
T-NUX A		COUNTERSUNK HEAD			
T-NUX T		TAMPER-PROOF TRUSS HEAD			
T-NUX E A4		STAINLESS STEEL A4. HEXAGONAL WASHER HEAD			
T-NUX A A4		STAINLESS STEEL A4. COUNTERSUNK HEAD			
T-FUX E		CYLINDRICAL HEAD WALL PLUG. HEXAGONAL CAP SCREW			
T-NUX		FRAME ANCHOR			

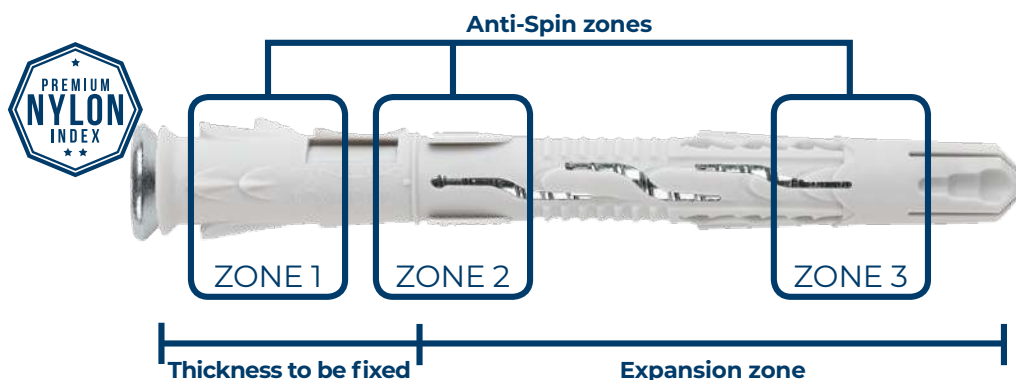
CHARACTERISTICS

- Nylon plug with screw for heavy duty fixings.
- Quick fixing, assembly through material to be fixed, installed by hammering nylon plug and later threading screw.
- Wide range of lengths and thickness to fix.
- Multimaterial. Suitable for unknown places in the base material.
- Anchor with high mechanical resistance values.
- European approval, DITE-13/0754, for use in concrete, aerated concrete, solid brick, hollow brick and concrete blocks.

ASSESSMENTS

- Façade rehabilitation.
- Ventilated façades.
- Installation of air conditioning equipment.
- Door and window frames.
- Garage doors.
- Railings.

USES



Universal high performance nylon plug

T-NUX

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
•TNUXA08060	8 x 60 Ø8	47,296	TX30	-	50	600
TNUXA08080	8 x 80 Ø8	51,765	TX30	10	50	600
TNUXA08100	8 x 100 Ø8	64,712	TX30	30	50	600
TNUXA08120	8 x 120 Ø8	73,994	TX30	50	50	300
•TNUXA10060	10 x 60 Ø10	70,098	TX40	-	50	300
TNUXA10080	10 x 80 Ø10	86,174	TX40	10	50	300
TNUXA10100	10 x 100 Ø10	97,367	TX40	30	50	300
TNUXA10120	10 x 120 Ø10	112,172	TX40	50	50	300
TNUXA10140	10 x 140 Ø10	139,367	TX40	70	50	300
TNUXA10160	10 x 160 Ø10	148,754	TX40	90	50	200
TNUXA10180	10 x 180 Ø10	203,235	TX40	110	50	150
TNUXA10200	10 x 200 Ø10	246,383	TX40	130	50	150
TNUXA10230	10 x 230 Ø10	287,298	TX40	160	50	100

• Non-assessed sizes



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZTNXA08080	8 x 80 Ø8	3,231	2	15	VTNUXA08080	8 x 80 Ø8	5,540	8	8	LSTNXA08080	8 x 80 Ø8	6,479	10	8
BZTNXA08100	8 x 100 Ø8	3,231	2	15	VTNUXA08100	8 x 100 Ø8	6,923	8	8	LSTNXA08100	8 x 100 Ø8	7,712	10	8
BZTNXA08120	8 x 120 Ø8	3,231	2	15	VTNUXA10080	10 x 80 Ø10	9,218	8	8	LSTNXA08120	8 x 120 Ø8	8,494	8	8
BZTNXA10080	10 x 80 Ø10	3,231	2	15	VTNUXA10100	10 x 100 Ø10	10,418	8	8	LSTNXA10080	10 x 80 Ø10	9,129	8	8
BZTNXA10100	10 x 100 Ø10	3,231	2	15						LSTNXA10100	10 x 100 Ø10	6,963	6	6
BZTNXA10120	10 x 120 Ø10	3,231	2	15										

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TNXA408080	8 x 80 Ø8	206,892	TX30	10	50	600
TNXA408100	8 x 100 Ø8	249,480	TX30	30	50	600
TNXA408120	8 x 120 Ø8	308,196	TX30	50	50	300
TNXA410080	10 x 80 Ø10	263,340	TX40	10	50	300
TNXA410100	10 x 100 Ø10	314,412	TX40	30	50	300
TNXA410120	10 x 120 Ø10	366,156	TX40	50	50	300
TNXA410140	10 x 140 Ø10	434,196	TX40	70	50	300

MULTI-MATERIAL



CODE	SIZE	€/100			MAX. FIXTURE THICKNESS		
•TNUXE08060	8 x 60 Ø8	54,390	TX30	H10	-	50	600
TNUXE08080	8 x 80 Ø8	61,982	TX30	H10	10	50	600
TNUXE08100	8 x 100 Ø8	78,299	TX30	H10	30	50	300
TNUXE08120	8 x 120 Ø8	91,697	TX30	H10	50	50	300
•TNUXE10060	10 x 60 Ø10	80,115	TX40	H13	-	50	300
TNUXE10080	10 x 80 Ø10	94,469	TX40	H13	10	50	300
TNUXE10100	10 x 100 Ø10	109,547	TX40	H13	30	50	300
TNUXE10120	10 x 120 Ø10	150,539	TX40	H13	50	50	300
TNUXE10140	10 x 140 Ø10	192,119	TX40	H13	70	50	200
TNUXE10160	10 x 160 Ø10	192,570	TX40	H13	90	50	150
TNUXE10180	10 x 180 Ø10	225,400	TX40	H13	110	50	150
TNUXE10200	10 x 200 Ø10	297,990	TX40	H13	130	50	150
TNUXE10230	10 x 230 Ø10	363,125	TX40	H13	160	50	100

• Non-assessed sizes



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZTNXE08080	8 x 80 Ø8	3,231	2	15	VTNUXE08080	8 x 80 Ø8	6,632	8	8	LSTNXE08080	8 x 80 Ø8	7,388	10	8
BZTNXE08100	8 x 100 Ø8	3,231	2	15	VTNUXE08100	8 x 100 Ø8	8,375	8	8	LSTNXE08100	8 x 100 Ø8	9,332	10	8
BZTNXE08120	8 x 120 Ø8	3,231	2	15	VTNUXE10080	10 x 80 Ø10	10,106	8	8	LSTNXE08120	8 x 120 Ø8	9,798	8	8
BZTNXE10080	10 x 80 Ø10	3,231	2	15	VTNUXE10100	10 x 100 Ø10	11,718	8	8	LSTNXE10080	10 x 80 Ø10	6,757	6	6
BZTNXE10100	10 x 100 Ø10	3,231	2	15						LSTNXE10100	10 x 100 Ø10	7,835	6	6
BZTNXE10120	10 x 120 Ø10	3,231	2	15										

T-NUX A

Countersunk head. Zinc plated.
ETA Assessed



02 Technical info P. 363



Available in different coatings.
Ask for price and delivery time.

T-NUX A A4

A4 Stainless steel. Countersunk head.
ETA Assessed



02 Technical info P. 364



T-NUX E

Hexagonal head. Zinc plated.
ETA Assessed



02 Technical info P. 364



Available in different coatings.
Ask for price and delivery time.

T-NUX

Universal high performance nylon plug

T-NUX E A4

A4 Stainless steel. Hexagonal head.
ETA Assessed



02 Technical info
p. 364



STAINLESS STEEL



CODE	SIZE	€/100			MAX. FIXTURE THICKNESS		
TNXE408080	8 x 80 Ø8	290,430	TX30	H10	10	50	600
TNXE408100	8 x 100 Ø8	344,232	TX30	H10	30	50	300
TNXE410080	10 x 80 Ø10	385,231	TX40	H13	10	50	300
TNXE410100	10 x 100 Ø10	402,318	TX40	H13	30	50	300
TNXE410120	10 x 120 Ø10	483,588	TX40	H13	50	50	300
TNXE410140	10 x 140 Ø10	564,102	TX40	H13	70	50	200

T-NUX T

Tamperproof Truss Head. Zinc plated.
ETA Assessed.



02 Technical info
p. 364



MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TNUXT10080	10 x 80 Ø10	97,377	TX40	10	50	300
TNUXT10100	10 x 100 Ø10	110,026	TX40	30	50	300
TNUXT10120	10 x 120 Ø10	126,753	TX40	50	50	200
TNUXT10140	10 x 140 Ø10	157,486	TX40	70	50	200
TNUXT10160	10 x 160 Ø10	168,091	TX40	90	50	200

Tamperproof includes

T-FUX E

Cylindrical head wall plug. Hexagonal head screw. Zinc plated.
ETA Assessed.



02 Technical info
p. 364



Available in different coatings.
Ask for price and delivery time.

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TFUXE10080	10 x 80 Ø10	108,640	TX40	10	50	300
TFUXE10100	10 x 100 Ø10	125,979	TX40	30	50	200
TFUXE10120	10 x 120 Ø10	173,121	TX40	50	50	200



T-NUX

Nylon plug



MULTI-MATERIAL



CODE	SIZE	€/100		
TNUX08060	8 x 60	21,756	50	800
TNUX08080	8 x 80	23,464	50	600
TNUX08100	8 x 100	27,045	50	600
TNUX08120	8 x 120	29,831	50	600
TNUX10060	10 x 60	28,042	50	600
TNUX10080	10 x 80	28,438	50	600
TNUX10100	10 x 100	34,605	50	600
TNUX10120	10 x 120	40,768	50	600
TNUX10140	10 x 140	53,095	50	300



Polyamide 6.6 hammerfix nylon plug

TCA

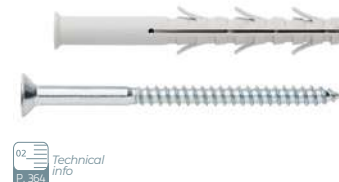
MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TC6A08080	8 x 80 Ø8	42,753	TX30	15	100	600
TC6A08100	8 x 100 Ø8	49,697	TX30	35	100	400
TC6A08120	8 x 120 Ø8	58,737	TX30	55	100	400
TC6A10100	10 x 100 Ø10	70,539	TX40	25	100	300
TC6A10120	10 x 120 Ø10	74,893	TX40	40	100	300
TC6A10140	10 x 140 Ø10	86,482	TX40	60	100	300
TC6A10160	10 x 160 Ø10	101,479	TX40	85	100	200
TC6A10200	10 x 200 Ø10	168,560	TX40	125	100	-

TC-6A

Two winged nylon plug with countersunk screw



02 Technical info P. 364

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TC6E08080	8 x 80 Ø8	48,059	10	15	100	600
TC6E08100	8 x 100 Ø8	56,028	10	35	100	400
TC6E08120	8 x 120 Ø8	66,602	10	55	100	300
TC6E10100	10 x 100 Ø10	80,941	13	25	100	300
TC6E10120	10 x 120 Ø10	83,927	13	40	100	300
TC6E10140	10 x 140 Ø10	99,057	13	60	100	200
TC6E10160	10 x 160 Ø10	117,040	13	85	100	200
TC6E10200	10 x 200 Ø10	197,533	13	125	100	-

TC-6E

Two winged nylon plug with hexagonal screw



02 Technical info P. 365

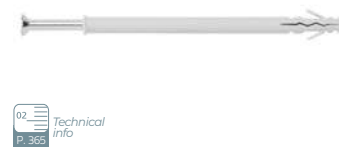
MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TC2A06060	6 X 60 Ø6	23,373	2	30	100	1.200
TC2A08060	8 X 60 Ø8	30,860	3	20	100	600
TC2A08080	8 x 80 Ø8	40,712	3	40	100	600
TC2A08100	8 x 100 Ø8	51,797	3	60	100	400
TC2A08120	8 x 120 Ø8	63,035	3	80	100	400
TC2A10065	10 x 65 Ø10	59,231	4	20	100	400
TC2A10080	10 x 80 Ø10	63,000	4	35	100	400
TC2A10100	10 x 100 Ø10	67,519	4	55	100	300
TC2A10115	10 x 115 Ø10	73,836	4	70	100	300
TC2A10135	10 x 135 Ø10	83,073	4	90	100	300
TC2A10160	10 x 160 Ø10	97,692	4	115	100	200

TC-2A

Two winged nylon plug with countersunk screw



02 Technical info P. 365

High expansion hammerfix plug

TC-SP **NEW**

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCSP05027	5 x 27	7,722	PZ2	5	100	2.400
TCSP06032	6 x 32	9,091	PZ2	5	100	1.200
TCSP06040	6 x 40	9,421	PZ2	10	100	1.200

TC-SP

With countersunk head



02 Technical info P. 366

TC-SP

High expansion hammerfix plug

TC-SP EP

Plastic container



MULTI-MATERIAL



CODE	SIZE	€/JAR		MAX. FIXTURE THICKNESS	PCS X JAR
TCSPEP05027	5 x 27	56,131	PZ2	5	750
TCSPEP06032	6 x 32	44,084	PZ2	5	500
TCSPEP06040	6 x 40	45,526	PZ2	10	500



TC

Hammerfix assembled anchor, saw-tooth thread, polyamide 6.6

TC-CA

Countersunk plug



02 Technical info P. 366



ALSO AVAILABLE
easykits

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	MIN. ORDER QTY.		
TCCA05025	5 x 25 Ø5	5,898	PZ2	5	400	100	2.400
TCCA05030	5 x 30 Ø5	6,164	PZ2	5	400	100	2.400
TCCA05035	5 x 35 Ø5	6,972	PZ2	10	400	100	2.400
TCCA05050	5 x 50 Ø5	7,879	PZ2	25	200	100	1.200
TCCA06035	6 x 35 Ø6	7,599	PZ2	10	400	100	1.200
TCCA06040	6 x 40 Ø6	7,669	PZ2	10	400	100	1.200
TCCA06050	6 x 50 Ø6	9,310	PZ2	20	200	100	1.200
TCCA06060	6 x 60 Ø6	10,899	PZ2	30	200	100	1.200
TCCA06070	6 x 70 Ø6	13,468	PZ2	40	200	100	1.200
TCCA06080	6 x 80 Ø6	14,665	PZ2	50	200	100	1.200
TCCA08060	8 x 60 Ø8	16,422	PZ3	20	200	100	600
TCCA08080	8 x 80 Ø8	20,797	PZ3	40	200	100	600
TCCA08100	8 x 100 Ø8	24,966	PZ3	60	100	100	600
TCCA08120	8 x 120 Ø8	29,365	PZ3	80	100	100	400
TCCA08140	8 x 140 Ø8	36,862	PZ3	100	100	100	300



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS. BAGS	CODE	SIZE	€/BOX	PCS. BOXES	CODE	SIZE	€/BAG	PCS. BAGS
BZTCCA05030	5 x 30 Ø5	2,345	4 20	VTCCA05025	5 x 25 Ø5	2,732	30 8	LSTCCA05025	5 x 25 Ø5	2,919	30 10
BZTCCA05050	5 x 50 Ø5	2,345	4 20	VTCCA05030	5 x 30 Ø5	2,870	30 8	LSTCCA05030	5 x 30 Ø5	3,076	30 8
BZTCCA06040	6 x 40 Ø6	2,345	4 20	VTCCA05035	5 x 35 Ø5	3,164	30 8	LSTCCA05035	5 x 35 Ø5	3,275	30 7
BZTCCA06050	6 x 50 Ø6	2,345	4 20	VTCCA05050	5 x 50 Ø5	3,494	30 8	LSTCCA05050	5 x 50 Ø5	3,684	30 7
BZTCCA06060	6 x 60 Ø6	2,345	4 20	VTCCA06035	6 x 35 Ø6	3,370	30 8	LSTCCA06035	6 x 35 Ø6	3,657	30 7
BZTCCA06070	6 x 70 Ø6	2,345	4 20	VTCCA06040	6 x 40 Ø6	3,456	30 8	LSTCCA06040	6 x 40 Ø6	3,701	30 6
BZTCCA08060	8 x 60 Ø8	2,345	4 20	VTCCA06050	6 x 50 Ø6	3,797	30 8	LSTCCA06050	6 x 50 Ø6	3,805	25 6
BZTCCA08080	8 x 80 Ø8	2,345	4 20	VTCCA06060	6 x 60 Ø6	3,918	25 8	LSTCCA06060	6 x 60 Ø6	4,383	25 6
BZTCCA08100	8 x 100 Ø8	2,345	2 20	VTCCA06070	6 x 70 Ø6	4,836	25 8	LSTCCA06070	6 x 70 Ø6	4,790	25 6
BZTCCA08120	8 x 120 Ø8	2,345	2 20	VTCCA08060	8 x 60 Ø8	4,708	20 8	LSTCCA08060	8 x 60 Ø8	4,754	20 6
				VTCCA08080	8 x 80 Ø8	6,008	20 8	LSTCCA08080	8 x 80 Ø8	5,950	20 6

TC-CA EP

Plastic container



MULTI-MATERIAL



CODE	SIZE	€/JAR		MAX. FIXTURE THICKNESS	MIN. ORDER QTY.	PCS X JAR
TCCAEP5030	5 x 30 Ø5	43,162	PZ2	5	2 jars	750
TCCAEP6040	6 x 40 Ø6	36,131	PZ2	10	2 jars	500



Hammerfix assembled anchor, saw-tooth thread, polyamide 6.6

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCA205030	5 x 30 Ø5	25,490	PZ2	5	100	2.400
TCA206040	6 x 40 Ø6	38,848	PZ2	10	100	1.200
TCA206060	6 x 60 Ø6	48,328	PZ2	30	100	1.200
TCA208060	8 x 60 Ø8	76,061	PZ3	20	100	600
TCA208080	8 x 80 Ø8	89,230	PZ3	40	100	600
TCA208100	8 x 100 Ø8	110,561	PZ3	60	100	600

TC-A2

Countersunk plug and A2 stainless steel screw



02 Technical info P. 366

MULTI-MATERIAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	MIN. ORDER QTY.		
TCCC05025	5 x 25 Ø5	5,898	PZ2	5	400	100	2.400
TCCC05030	5 x 30 Ø5	6,164	PZ2	5	400	100	2.400
TCCC05035	5 x 35 Ø5	6,972	PZ2	10	400	100	2.400
TCCC05050	5 x 50 Ø5	7,879	PZ2	25	200	100	1.200
TCCC06035	6 x 35 Ø6	7,599	PZ2	10	400	100	1.200
TCCC06040	6 x 40 Ø6	7,669	PZ2	10	400	100	1.200
TCCC06050	6 x 50 Ø6	9,310	PZ2	20	200	100	1.200
TCCC06060	6 x 60 Ø6	10,899	PZ2	30	200	100	1.200
TCCC06070	6 x 70 Ø6	13,468	PZ2	40	200	100	1.200
TCCC08060	8 x 60 Ø8	16,422	PZ3	20	200	100	600
TCCC08080	8 x 80 Ø8	20,797	PZ3	40	200	100	600
TCCC08100	8 x 100 Ø8	24,966	PZ3	60	100	100	600
TCCC08120	8 x 120 Ø8	29,365	PZ3	80	100	100	400
TCCC08140	8 x 135 Ø8	36,862	PZ3	100	100	100	300

TC-CC

Cylindrical head plug



02 Technical info P. 366



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSTCCC05025	5 x 25 Ø5	2,919	30	10
LSTCCC05030	5 x 30 Ø5	3,076	30	8
LSTCCC05035	5 x 35 Ø5	3,275	30	7
LSTCCC05050	5 x 50 Ø5	3,684	30	7
LSTCCC06035	6 x 35 Ø6	3,657	30	7
LSTCCC06040	6 x 40 Ø6	3,701	30	6
LSTCCC06050	6 x 50 Ø6	3,805	25	6
LSTCCC06060	6 x 60 Ø6	4,383	25	6
LSTCCC06070	6 x 70 Ø6	4,790	25	6
LSTCCC08060	8 x 60 Ø8	4,754	20	6
LSTCCC08080	8 x 80 Ø8	5,950	20	6

Fixing plug for insulation panels

MULTI-MATERIAL



CODE	SIZE	€/100	WASHER Ø		
AIS08080	8 x 80 Ø8	17,517	35	100	200
AIS08100	8 x 100 Ø8	20,145	35	100	-
AIS08120	8 x 120 Ø8	22,357	35	100	-
AIS08140	8 x 140 Ø8	22,894	35	100	-

AIS

Plug



02 Technical info P. 367

MULTI-MATERIAL



CODE	SIZE	€/100	WASHER Ø	
AISC10070	10 x 70 Ø10	20,904	52	100
AISC10090	10 x 90 Ø10	23,008	52	100
AISC10110	10 x 110 Ø10	26,943	52	100
AISC10130	10 x 130 Ø10	29,595	52	100

AIS-C

Plug with nail



02 Technical info P. 367

T4S

4-WAY EXPANSION PLUG FOR ALL MATERIALS

CHARACTERISTICS

- Recommended for use on solid and hollow material
- With collar to prevent it from seeping into the base material during installation.
- Anti lateral twists to fix on all types of base material.
- Expands in 4 directions.
- Dowel with installation information marked on it: drill diameter, drilling depth and screw diameter to be used.

T4S

4-way expansion plug for all materials

TN4S

4-way expansion plug



02 Technical info
p. 367

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (Ø L)	MIN. ORDER QTY.		
TN4S05	5 x 25 Ø5	3,467	Ø2,5 - Ø4 L: 30 mm.	400	100	4.200
TN4S06	6 x 30 Ø6	3,623	Ø3,5 - Ø4,5 L: 40 mm.	400	100	3.200
TN4S08	8 x 40 Ø8	5,680	Ø4,5 - Ø6 L: 50 mm.	400	100	1.600
TN4S10	10 x 50 Ø10	10,200	Ø6 - Ø8 L: 60 mm.	200	50	800
TN4S12	12 x 60 Ø12	21,257	Ø8 - Ø10 L: 70 mm.	50	25	400
TN4S14	14 x 70 Ø14	27,623	Ø10 - Ø12 L: 80 mm.	40	20	320

Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTN4S05	5 x 25 Ø5	2,345	25	15
BZTN4S06	6 x 30 Ø6	2,345	25	15
BZTN4S08	8 x 40 Ø8	2,345	15	10
BZTN4S10	10 x 50 Ø10	2,345	10	10
BZTN4S12	12 x 60 Ø12	2,345	6	10



TN4S EP

Plastic container



MULTI-MATERIAL



CODE	SIZE	€/JAR	MIN. ORDER QTY.	PCS X JAR
TN4S06EP	6 x 30 Ø6	33,336	2 jars	1.000
TN4S08EP	8 x 40 Ø8	26,390	2 jars	500
TN4S10EP	10 x 50 Ø10	28,153	2 jars	300

NEW TN4S-L

4-way expansion plug



02 Technical info
p. 367

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (Ø L)		
TN4S06L	6 x 45 Ø6	6,000	Ø3,5 - Ø4,5 L: 60 mm.	100	1.600
TN4S08L	8 x 60 Ø8	9,560	Ø4,5 - Ø6 L: 70 mm.	50	800
TN4S10L	10 x 80 Ø10	16,833	Ø6 - Ø8 L: 90 mm.	25	400



Kits TN4S

BZ T4S + AL-HA



Blister



CODE	SIZE	€/BAG	PCS.	BAGS
BZALHATS05	5 x 25 Ø5 & 19 x 70 / 4,4 x 50	2,345	6	20
BZALHATS06	6 x 30 Ø6 & 20 x 80 / 5 x 53	2,345	6	15
BZALHATS08	8 x 40 Ø8 & 21 x 100 / 5,6 x 60	2,345	4	20

BZ T4S + AL-HC



Blister



CODE	SIZE	€/BAG	PCS.	BAGS
BZALHCTS05	5 x 25 Ø5 & 19 x 70 / 4,4 x 50	2,345	6	20
BZALHCTS06	6 x 30 Ø6 & 20 x 80 / 5 x 53	2,345	6	15
BZALHCTS08	8 x 40 Ø8 & 21 x 100 / 5,6 x 60	2,345	4	20

BZ T4S + AL-RO



Blister



CODE	SIZE	€/BAG	PCS.	BAGS
BZALROTS05	5 x 25 Ø5 & 18 x 50 / 4,1 x 37	2,345	6	20
BZALROTS06	6 x 30 Ø6 & 19 x 60 / 4,4 x 46	2,345	6	20
BZALROTS08	8 x 40 Ø8 & 20 x 80 / 5 x 63	2,345	4	20

BZ T4S + DIN-571



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTBTS08	8 x 40 Ø8 & 6 x 60	6,022	25	8
VTBTS10	10 x 50 Ø10 & 7 x 70	6,243	15	8
VTBTS12	12 x 60 Ø12 & 7 x 70	6,008	10	8



Blister



CODE	SIZE	€/BAG	PCS.	BAGS
BZTBS10	10 x 50 Ø10 & 7 x 70	2,345	4	20

BZ T4S + TP-PO



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTPPOTS05	5 x 25 Ø5 & 4 x 30	4,271	40	8
VTPPOTS06	6 x 30 Ø6 & 4,5 x 40	4,454	32	8
VTPPOTS08	8 x 40 Ø8 & 5 x 60	4,708	20	8



Blister



CODE	SIZE	€/BAG	PCS.	BAGS
BZTPPOTS05	5 x 25 Ø5 & 4 x 30	2,345	6	20
BZTPPOTS06	6 x 30 Ø6 & 4,5 x 40	2,345	6	20
BZTPPOTS08	8 x 40 Ø8 & 5 x 60	2,345	6	15



MEDU

Universal plug with collar and knot-like form

HOLLOWES



02 Technical info P. 368

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
MEDUB06	6 x 35 Ø6	3,329	10	TPPO 3,5-4	600	150	2.400
MEDUB07	8 x 42 Ø8	6,786	8	TPPO 4-4,5	400	100	1.600
MEDUB08	8 x 50 Ø8	5,722	12	TPPO 4-4,5	320	80	1.200
MEDUB10	10 x 60 Ø10	8,571	11	TPPO 5-6; TB 5,6,7	200	50	800



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZMEDUB06	6 x 35 Ø6	2,345	10	20
BZMEDUB08	8 x 50 Ø8	2,345	10	20
BZMEDUB10	10 x 60 Ø10	2,345	6	20

TACON

Kits TACON

BZ TACON + AL-HA



CODE	SIZE	€/BAG	PCS.	BAGS
BZALHAT04	4 x 20 Ø4 & 16 x 30 / 3,1 x 25	1,857	6	20
BZALHAT05	5 x 25 Ø5 & 19 x 70 / 4,4 x 50	1,857	6	20
BZALHAT06	6 x 30 Ø6 & 20 x 80 / 5 x 55	1,857	6	15
BZALHAT08	8 x 40 Ø8 & 21 x 100 / 5,6 x 60	1,857	4	15

BZ TACON + AL-HC



CODE	SIZE	€/BAG	PCS.	BAGS
BZALHCT04	4 x 20 Ø4 & 16 x 30 / 3,1 x 25	1,857	6	20
BZALHCT05	5 x 25 Ø5 & 19 x 70 / 4,4 x 50	1,857	6	20
BZALHCT06	6 x 30 Ø6 & 20 x 80 / 5 x 55	1,857	6	15
BZALHCT08	8 x 40 Ø8 & 21 x 100 / 5,6 x 60	1,857	4	15

BZ TACON + AL-RO



CODE	SIZE	€/BAG	PCS.	BAGS
BZALROT04	4 x 20 Ø4 & 16 x 30 / 3,1 x 20	1,857	6	20
BZALROT05	5 x 25 Ø5 & 17 x 40 / 3,5 x 29	1,857	6	20
BZALROT06	6 x 30 Ø6 & 19 x 60 / 4,4 x 46	1,857	6	20
BZALROT08	8 x 40 Ø8 & 20 x 80 / 5 x 63	1,857	4	15

BZ TACON + TP-PO



CODE	SIZE	€/BAG	PCS.	BAGS
BZTPPOT04	4 x 20 Ø4 & 2,5 x 25	1,857	6	20
BZTPPOT05	5 x 25 Ø5 & 3,5 x 20	1,857	6	20
BZTPPOT06	6 x 30 Ø6 & 4,5 x 40	1,857	6	20
BZTPPOT08	8 x 40 Ø8 & 6 x 50	1,857	4	15

AVAILABLE
KITS
BLISTER





Nylon plug

TACON

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (mm)	MIN. ORDER QTY.		
TACON04	4 x 20 Ø4	2,285	TPPO 2,5-3	400	100	8.000
TACON05	5 x 25 Ø5	1,649	TPPO 2,5-4	400	100	8.000
TACON06	6 x 30 Ø6	1,693	TPPO 3,5-4	400	100	9.000
TACON07	7 x 30 Ø7	3,536	TPPO 4-4,5	400	100	5.000
TACON08	8 x 40 Ø8	3,335	TPPO 4,5, TB 5-6	400	100	5.000
TACON10	10 x 50 Ø10	5,620	TB 6-8	200	50	2.500
TACON12	12 x 60 Ø12	10,302	TB 8-10	100	25	1.250
TACON14	14 x 70 Ø14	16,653	TB 10-12	80	20	1.000
TACON16	16 x 80 Ø16	94,404	TB 12-14	40	10	500

TACON

Nylon plug



02
P. 368
Technical info



Blister



Bulk

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTACON04	4 x 20 Ø4	1,857	25	15
BZTACON05	5 x 25 Ø5	1,857	25	15
BZTACON06	6 x 30 Ø6	1,857	25	15
BZTACON08	8 x 40 Ø8	1,857	15	10
BZTACON10	10 x 50 Ø10	1,857	10	10
BZTACON12	12 x 60 Ø12	1,857	5	10

CODE	SIZE	€/100	
TACONG05	5 x 25 Ø5	1,462	15.000
TACONG06	6 x 30 Ø6	1,561	10.000
TACONG08	8 x 40 Ø8	2,955	5.000
TACONG10	10 x 50 Ø10	4,978	2.000
TACONG12	12 x 60 Ø12	9,156	1.500
TACONG14	14 x 70 Ø14	14,627	1.000

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (mm)	MIN. ORDER QTY.		
TACOL05	5 x 25 Ø5	2,417	TPPO 2,5-4	400	100	8.000
TACOL06	6 x 30 Ø6	2,064	TPPO 3,5-4	400	100	9.000
TACOL08	8 x 40 Ø8	4,056	TPPO 3,5-4	400	100	5.000
TACOL10	10 x 50 Ø10	7,286	TPPO 4,5, TB 5-6	200	50	2.500
TACOL12	12 x 60 Ø12	15,827	TB 6-8	100	25	1.250

TACOL

Nylon plug with collar



MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE		
TACOLA06	6 x 30 Ø6	2,394	TPPO 3,5-4	100	2.400

TACOL-A

Nylon plug with wide collar



IPA

Nylon plug in hollow bricks or solid materials

IPA-GR

Corner hook



02 Technical info
P. 368



CODE	SIZE	€/100	WASHER Ø	MIN. ORDER QTY.		
IPAGR09	M4 x 40 Ø9	37,791	20	100	50	800
IPAGR12	M5 x 45 Ø12	53,302	25	50	25	400

IPA-GN

Hook



02 Technical info
P. 369



CODE	SIZE	€/100	WASHER Ø	MIN. ORDER QTY.		
IPAGN09	M4 x 40 Ø9	44,176	20	80	40	640
IPAGN12	M5 x 45 Ø12	60,527	25	40	20	320

IPA-AR

Eye bolt



02 Technical info
P. 369



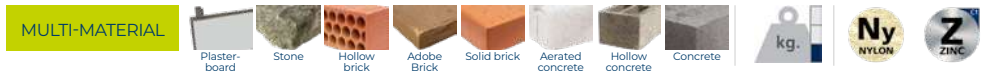
CODE	SIZE	€/100	WASHER Ø	MIN. ORDER QTY.		
IPAAR09	M4 x 40 Ø9	44,088	20	80	40	640
IPAAR12	M5 x 45 Ø12	60,292	25	40	20	320

IPA-TO

Screw



02 Technical info
P. 369



CODE	SIZE	€/100	WASHER Ø	MIN. ORDER QTY.		
IPAT009	M4 x 40 Ø9	34,615	20	140	70	1.120
IPAT012	M5 x 45 Ø12	47,393	25	70	35	560

TA-PL

Plastic plug, polypropylene



02 Technical info
P. 369



CODE	SIZE	€/100	MIN. ORDER QTY.		
TACOP05	5 x 21 Ø5	1,887	1.000	25	1.000
TACOP06	6 x 22 Ø6	2,120	1.000	25	1.000
TACOP07	7 x 24 Ø7	2,337	1.000	25	1.000
TACOP08	8 x 27 Ø8	2,530	1.000	25	1.000
TACOP09	9 x 30 Ø9	3,563	1.000	25	1.000
TACOP10	10 x 35 Ø10	4,560	1.000	25	1.000
TACOP11	10 x 45 Ø10	7,025	500	25	500
TACOP12	12 x 50 Ø12	7,037	500	25	500
TACOP14	14 x 55 Ø14	9,578	500	25	500



FIXINGS AND ACCESSORIES FOR PLASTERBOARD

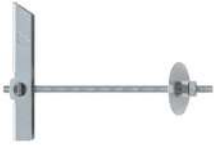


BA-NO

Gravity toggle for fixing lightweight in ceilings

BA-ES

Projecting bolt



02 Technical info P. 369

PATENTED

ALSO AVAILABLE
easykits

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAESM04	M4 Ø14	52,974	100	50	300
BAESM05	M5 Ø14	58,226	100	50	300
BAESM06	M6 Ø16	75,740	100	50	200
BAESM08	M8 Ø20	124,571	50	50	200

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBAESM04	M4 Ø14	3,231	2	12
BZBAESM05	M5 Ø14	3,231	2	12
BZBAESM06	M6 Ø16	3,231	2	10

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VBAESM04	M4 Ø14	4,895	6	8
VBAESM05	M5 Ø14	5,039	6	8
VBAESM06	M6 Ø16	4,375	4	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSBAESM04	M4 Ø14	4,895	6	6
LSBAESM05	M5 Ø14	5,039	6	6
LSBAESM06	M6 Ø16	4,375	4	6

BA-GA

Hook



02 Technical info P. 370

PATENTED

ALSO AVAILABLE
easykits

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAGAM04	M4 Ø14	55,098	100	50	300
BAGAM05	M5 Ø14	61,870	100	50	300
BAGAM06	M6 Ø16	77,321	100	50	200
BAGAM08	M8 Ø20	129,330	50	50	150

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBAGAM04	M4 Ø14	3,231	2	12
BZBAGAM05	M5 Ø14	3,231	2	12
BZBAGAM06	M6 Ø16	3,231	2	10

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VBAGAM04	M4 Ø14	4,931	6	8
VBAGAM05	M5 Ø14	5,310	6	8
VBAGAM06	M6 Ø16	4,446	4	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSBAGAM04	M4 Ø14	4,931	6	6
LSBAGAM05	M5 Ø14	5,310	6	6
LSBAGAM06	M6 Ø16	4,446	4	6

CA-BA

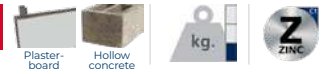
Toggle head



PATENTED

ALSO AVAILABLE
easykits

HOLLOWES



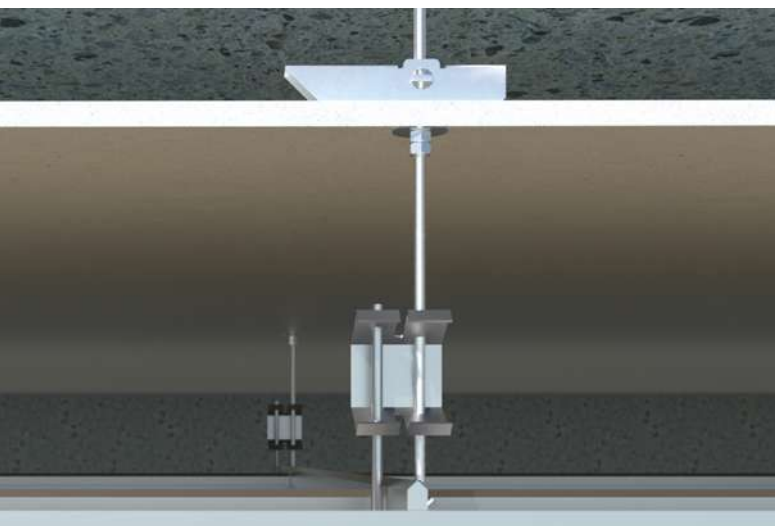
CODE	SIZE	€/100		
CABA004	M4 Ø14	26,554	100	1.200
CABA005	M5 Ø14	29,066	100	1.200
CABA006	M6 Ø16	33,894	100	600
CABA008	M8 Ø20	58,932	100	400

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VCABA004	M4 Ø14	7,349	20	8
VCABA005	M5 Ø14	8,202	20	8
VCABA006	M6 Ø16	7,070	15	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSCABA004	M4 Ø14	7,530	20	6
LSCABA005	M5 Ø14	8,121	20	6
LSCABA006	M6 Ø16	7,107	15	7





Spring toggle

PA-LO



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAESM04	M4 Ø12	40,988	100	50	300
PAESM05	M5 Ø15	45,407	100	50	300
PAESM06	M6 Ø18	56,624	100	50	200
PAESM08	M8 Ø22	100,790	50	50	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZPAESM04	M4 Ø12	3,231	2	12
BZPAESM05	M5 Ø15	3,231	2	12
BZPAESM06	M6 Ø18	3,231	2	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VPAESM04	M4 Ø12	3,721	6	8
VPAESM05	M5 Ø15	4,206	6	8
VPAESM06	M6 Ø18	3,563	4	8



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSPAESM04	M4 Ø12	3,652	6	6
LSPAESM05	M5 Ø15	4,166	6	6
LSPAESM06	M6 Ø18	3,498	4	6

PA-ES

Projecting bolt



02 Technical info P. 370



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAGAM04	M4 Ø12	41,790	100	50	300
PAGAM05	M5 Ø15	47,719	100	50	300
PAGAM06	M6 Ø18	67,057	100	50	200
PAGAM08	M8 Ø22	112,585	50	50	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZPAGAM04	M4 Ø12	3,231	2	12
BZPAGAM05	M5 Ø15	3,231	2	12
BZPAGAM06	M6 Ø18	3,231	2	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VPAGAM04	M4 Ø12	3,587	6	8
VPAGAM05	M5 Ø15	4,173	6	8
VPAGAM06	M6 Ø18	3,753	4	8



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSPAGAM04	M4 Ø12	3,833	6	6
LSPAGAM05	M5 Ø15	4,359	6	6
LSPAGAM06	M6 Ø18	4,099	4	6

PA-GA

Hook



02 Technical info P. 370



CODE	SIZE	€/100		
CAPA004	M4 Ø12	15,715	100	2.400
CAPA005	M5 Ø15	18,204	100	1.200
CAPA006	M6 Ø18	21,438	100	600
CAPA008	M8 Ø22	48,171	100	400



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VCAPA004	M4 Ø12	5,541	24	8
VCAPA005	M5 Ø15	5,460	20	8
VCAPA006	M6 Ø18	5,013	15	8



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSCAPA004	M4 Ø12	5,541	24	8
LSCAPA005	M5 Ø15	5,460	20	7
LSCAPA006	M6 Ø18	4,820	15	7

CA-PA

Spring toggle head



IN

Indemoll anchor for hollow elements fixing

IN-CO

With panhead screw



02 Technical info p. 370



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS		
INCO421	M4 x 21 Ø8	23,210	1-4	100	2.400
INCO432	M4 x 32 Ø8	23,585	3-9	100	1.200
INCO438	M4 x 38 Ø8	25,624	8-15	100	1.200
INCO446	M4 x 46 Ø8	27,874	16-21	100	1.200
INCO459	M4 x 59 Ø8	31,461	32-38	100	1.200
INCO537	M5 x 37 Ø10	32,372	5-13	100	1.200
INCO552	M5 x 52 Ø10	34,711	5-16	100	600
INCO565	M5 x 65 Ø10	41,209	16-32	100	600
INCO580	M5 x 80 Ø10	46,209	32-45	100	600
INCO637	M6 x 37 Ø12	36,909	5-13	100	1.200
INCO652	M6 x 52 Ø12	42,873	5-16	100	600
INCO665	M6 x 65 Ø12	47,781	16-32	100	600
INCO680	M6 x 80 Ø12	62,745	32-45	100	600



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZINCO432	M4 x 32 Ø8	2,345	2	20	VINCO432	M4 x 32 Ø8	4,722	15	8	LSINCO432	M4 x 32 Ø8	8,519	30	6
BZINCO438	M4 x 38 Ø8	2,345	2	20	VINCO438	M4 x 38 Ø8	5,108	15	8	LSINCO438	M4 x 38 Ø8	9,254	30	6
BZINCO537	M5 x 37 Ø10	2,345	2	20	VINCO446	M5 x 37 Ø10	5,593	15	8	LSINCO446	M4 x 46 Ø8	10,066	30	6
BZINCO552	M5 x 52 Ø10	2,345	2	15	VINCO537	M5 x 52 Ø10	6,496	15	8	LSINCO537	M5 x 37 Ø10	9,744	25	6
BZINCO565	M5 x 56 Ø10	2,345	2	15	VINCO552	M5 x 56 Ø10	5,572	12	8	LSINCO552	M5 x 52 Ø10	7,521	18	7
BZINCO637	M6 x 37 Ø12	2,345	2	15	VINCO637	M6 x 37 Ø12	4,910	10	8	LSINCO637	M6 x 37 Ø12	8,886	20	7
BZINCO652	M6 x 52 Ø12	2,345	2	15	VINCO652	M6 x 52 Ø12	5,710	10	8	LSINCO652	M6 x 52 Ø12	7,742	15	7

IN-HE

With hexagonal screw



02 Technical info p. 371



CODE	SIZE	€/100	SET OF BASE MATERIAL AND ELEMENT TO BE FASTENED		
INHE837	M8 x 37 Ø14	86,001	5-13	100	600
INHE855	M8 x 55 Ø14	98,926	5-16	100	400
INHE865	M8 x 65 Ø14	117,787	16-32	100	400

IN-SI

Without screw



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS		
INSI421	M4 x 21 Ø8	18,674	1-4	100	2.400
INSI432	M4 x 32 Ø8	20,327	3-9	100	2.400
INSI438	M4 x 38 Ø8	22,101	8-15	100	2.400
INSI537	M5 x 37 Ø10	26,090	5-13	100	1.200
INSI552	M5 x 52 Ø10	30,585	5-16	100	600
INSI565	M5 x 65 Ø10	33,927	16-32	100	600
INSI637	M6 x 37 Ø12	31,623	1-2	100	1.200
INSI652	M6 x 52 Ø12	38,619	5-13	100	600
INSI665	M6 x 65 Ø12	43,266	16-32	100	600
INSI865	M8 x 65 Ø14	75,165	16-32	100	400



Indemoll anchor for hollow elements fixing

IN

HOLLOWS



CODE	SIZE	€/100		
INPINZANI	M4, M5 & M6	1.082,794	1	20

INPIN

Pliers



HOLLOWS



CODE	SIZE	€/100		
INPISANIN	M4, M5, M6 & M8	2.651,975	1	10

INPIS

Gun



HOLLOWS



CODE	COMPONENTS	SIZE COMPONENTS	PCS X KIT	€/KIT	KITS X
KITINPINO1	INPINZANI	26,022	1	23,656	10
	INCO432	M4 x 32 Ø8	20		
	INCO537	M5 x 37 Ø10	20		

KITINPIN

Kit. Anchors and plier



ANCLA

Nylon plug for hollow bricks and plasterboard



02 Technical info
P. 37/1



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
ANCLA40	10 x 40 Ø10	11,110	4-12	200	100	600
ANCLA47	10 x 47 Ø10	12,977	15-19	200	100	600



CODE	SIZE	€/BAG	PCS.	BAGS
BZANCLA40	10 x 40 Ø10	2,345	4	12
BZANCLA47	10 x 47 Ø10	2,345	4	12

* Recommended to use for screw TPPO 4,0

TAPLA

Plugs for plasterboard

TAPLA NY

Nylon plug



02 Technical info
P. 37/1



CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLANY	15 x 33	11,842	PH3	9-16	TPPO 4,5 x 40 DIN 7981 4,2 x 38	200	100	1.600



CODE	SIZE	€/BAG	PCS.	BAGS
BZTAPLANY	15 x 33	2,345	4	15

TAPLA ME

Zamak plug with DIN 7981 4,2 x 32



02 Technical info
P. 37/1



CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLAME	13 x 32	24,868	PH2/PH3	9-16	DIN 7981 4,2 x 32	200	100	1.600



CODE	SIZE	€/BAG	PCS.	BAGS
BZTAPLAME	13 x 32	3,231	4	15

TAPLA ZK

Zamak plug



02 Technical info
P. 37/1



CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLAZK	13 x 37	27,652	PZ3	9-16	TPPO 4,5 x 50 DIN 7981 4,2 x 38	200	100	1.600



RIVETS





RE-NO

Panhead. Aluminium

METAL



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
RENO3206	3,2 x 6	3,224	3,3	1 - 3	500	6.000
RENO3208	3,2 x 8	3,425	3,3	3 - 5	500	12.000
RENO3210	3,2 x 10	3,779	3,3	5 - 7	500	6.000
RENO3212	3,2 x 12	4,053	3,3	7 - 9	500	6.000
RENO3214	3,2 x 14	4,403	3,3	9 - 11	500	6.000
RENO3216	3,2 x 16	4,878	3,3	11 - 13	500	6.000
RENO3218	3,2 x 18	5,637	3,3	13 - 15	500	6.000
RENO4006	4 x 6	3,574	4,1	0,5 - 2	500	6.000
RENO4008	4 x 8	3,848	4,1	2 - 4	500	6.000
RENO4010	4 x 10	4,444	4,1	4 - 6	500	6.000
RENO4012	4 x 12	4,853	4,1	6 - 8	500	6.000
RENO4014	4 x 14	5,481	4,1	8 - 10	500	6.000
RENO4016	4 x 16	5,720	4,1	10 - 12	500	6.000
RENO4018	4 x 18	6,115	4,1	12 - 14	500	3.000
RENO4020	4 x 20	6,316	4,1	14 - 16	500	6.000
RENO4025	4 x 25	8,223	4,1	16 - 18	250	3.000
RENO4030	4 x 30	9,571	4,1	23 - 16	250	3.000
RENO4035	4 x 35	11,998	4,1	26 - 30	250	3.000
RENO4806	4,8 x 6	4,683	5	0,5 - 1,5	500	6.000
RENO4808	4,8 x 8	5,519	5	1,5 - 3,5	500	6.000
RENO4810	4,8 x 10	5,803	5	3,5 - 5,5	500	3.000
RENO4812	4,8 x 12	6,115	5	5,5 - 7,5	500	3.000
RENO4814	4,8 x 14	6,996	5	7,5 - 9,5	250	3.000
RENO4816	4,8 x 16	7,592	5	9,5 - 11,5	250	3.000
RENO4818	4,8 x 18	8,663	5	11,5 - 13,5	250	3.000
RENO4820	4,8 x 20	9,329	5	13,5 - 15	250	3.000
RENO4822	4,8 x 22	10,247	5	15 - 17	200	2.400
RENO4824	4,8 x 24	10,403	5	17 - 19	200	2.400
RENO4826	4,8 x 26	11,170	5	19 - 21	200	2.400
RENO4828	4,8 x 28	11,880	5	21 - 23	200	2.400
RENO4830	4,8 x 30	12,546	5	23 - 25	200	2.400
RENO4835	4,8 x 35	13,790	5	25 - 30	150	1.800
RENO6008	6 x 8	12,906	6,1	1 - 2	250	3.000
RENO6010	6 x 10	12,154	6,1	2 - 4	250	3.000
RENO6012	6 x 12	12,480	6,1	3 - 6	250	3.000
RENO6018	6 x 18	14,217	6,1	6 - 10	200	1.200
RENO6025	6 x 25	17,517	6,1	10 - 12	200	1.200
RENO6016	6 x 16	13,669	6,1	15 - 19	250	1.500



Blister

CODE	SIZE	€/BAG	PES.	BAGS
BZRENO3208	3,2 x 8	1,857	15	20
BZRENO3210	3,2 x 10	1,857	15	20
BZRENO4008	4 x 8	1,857	15	20
BZRENO4010	4 x 10	1,857	15	20
BZRENO4012	4 x 12	1,857	15	20
BZRENO4016	4 x 16	1,857	15	20
BZRENO4810	4,8 x 10	1,857	15	20
BZRENO4812	4,8 x 12	1,857	15	20
BZRENO4816	4,8 x 16	1,857	8	20
BZRENO4820	4,8 x 20	1,857	8	20
BZRENO4824	4,8 x 24	1,857	8	20



Window Box

CODE	SIZE	€/BOX	PES.	BOXES
VRENO3206	3,2 x 6	2,308	50	8
VRENO3208	3,2 x 8	2,333	50	8
VRENO3210	3,2 x 10	2,576	50	8
VRENO3212	3,2 x 12	2,897	50	8
VRENO3214	3,2 x 14	3,002	50	8
VRENO3218	3,2 x 18	3,803	50	8
VRENO4006	4 x 6	2,538	50	8
VRENO4008	4 x 8	2,597	50	8
VRENO4010	4 x 10	3,002	50	8
VRENO4012	4 x 12	3,276	50	8
VRENO4014	4 x 14	3,702	50	8
VRENO4016	4 x 16	3,862	50	8
VRENO4018	4 x 18	4,126	50	8
VRENO4020	4 x 20	4,264	50	8
VRENO4808	4,8 x 8	3,803	50	8
VRENO4810	4,8 x 10	3,918	50	8
VRENO4812	4,8 x 12	4,126	50	8
VRENO4814	4,8 x 14	4,722	50	8
VRENO4816	4,8 x 16	5,124	50	8
VRENO4818	4,8 x 18	5,848	50	8
VRENO4820	4,8 x 20	6,299	50	8
VRENO4822	4,8 x 22	3,460	25	8
VRENO4824	4,8 x 24	3,512	25	8
VRENO4830	4,8 x 30	4,236	25	8
VRENO4835	4,8 x 35	4,656	25	8



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
REIN3206	3,2 x 6,4	17,143	3,3	0,5 - 3	500	6.000
REIN3208	3,2 x 8	18,341	3,3	3 - 5	500	6.000
REIN3212	3,2 x 12,7	27,024	3,3	6,5 - 8,5	500	6.000
REIN3215	3,2 x 15,9	32,651	3,3	10,5 - 12,5	500	6.000
REIN4008	4 x 8,5	30,783	4,1	2,5 - 4,5	500	6.000
REIN4010	4 x 10,2	32,761	4,1	4,5 - 6,5	500	6.000
REIN4012	4 x 12	37,125	4,1	6,5 - 8,5	500	6.000
REIN4016	4 x 16	44,953	4,1	10 - 12	500	3.000
REIN4810	4,8 x 10,8	45,289	5	4 - 6	500	3.000
REIN4812	4,8 x 12	49,502	5	6 - 8	500	3.000
REIN4816	4,8 x 16	60,863	5	8 - 11	250	3.000
REIN4820	4,8 x 20,3	85,397	5	11 - 13	250	3.000
REIN4818	4,8 x 18	65,075	5	13 - 15	250	3.000

RE-IN

Panhead. A2 Stainless steel



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
RECA4008	4 x 8	5,834	4,1	2 - 4	500	3.000
RECA4010	4 x 10	6,320	4,1	4 - 6	500	3.000
RECA4012	4 x 12	7,450	4,1	6 - 8	250	3.000
RECA4016	4 x 16	8,514	4,1	10 - 12	250	3.000
RECA4810	4,8 x 10	9,565	5	3,5 - 5,5	250	3.000
RECA4812	4,8 x 12	10,043	5	5,5 - 7,5	250	3.000
RECA4814	4,8 x 14	10,903	5	7,5 - 9,5	250	3.000
RECA4816	4,8 x 16	11,426	5	9,5 - 11,5	250	1.500
RECA4818	4,8 x 18	12,435	5	11,5 - 13,5	200	2.400

RE-CA

Wide head. Aluminium



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZRECA4010	4 x 10	1,857	8	15
BZRECA4012	4 x 12	1,857	8	15
BZRECA4016	4 x 16	1,857	8	15
BZRECA4810	4,8 x 10	1,857	8	15
BZRECA4812	4,8 x 12	1,857	8	15
BZRECA4814	4,8 x 14	1,857	8	15
BZRECA4816	4,8 x 16	1,857	8	15
BZRECA4818	4,8 x 18	1,857	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VRECA4010	4 x 10	4,188	50	8
VRECA4012	4 x 12	3,568	35	8
VRECA4016	4 x 16	3,997	35	8
VRECA4810	4,8 x 10	3,276	25	8
VRECA4812	4,8 x 12	3,295	25	8
VRECA4814	4,8 x 14	3,738	25	8
VRECA4816	4,8 x 16	3,902	25	8
VRECA4818	4,8 x 18	3,400	20	8



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
RENO3208BL	3,2 x 8	7,450	3,3	3,5 - 5	500	6.000
RENO3210BL	3,2 x 10	7,876	3,3	5 - 7	500	6.000
RENO3212BL	3,2 x 12	8,264	3,3	7 - 9	500	6.000
RENO4008BL	4 x 8	9,081	4,1	3 - 5	500	6.000
RENO4010BL	4 x 10	9,823	4,1	5 - 6,5	500	6.000
RENO4012BL	4 x 12	10,180	4,1	6,5 - 8,5	500	6.000
RENO4014BL	4 x 14	11,193	4,1	8,5 - 10,5	500	6.000
RENO4810BL	4,8 x 10	13,452	4,9	4 - 6	500	3.000
RENO4812BL	4,8 x 12	14,149	4,9	6 - 8	500	3.000
RENO4814BL	4,8 x 14	15,436	4,9	8 - 10	250	3.000
RENO4816BL	4,8 x 16	16,065	4,9	10 - 12	250	3.000

RE-BL

White panhead. Aluminium



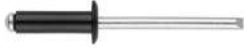
RE



Rivets

RE-NE

Black panhead. Aluminium

METAL

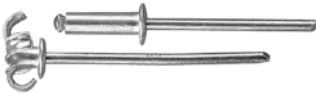




CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
RENO3208NE	3,2 x 8	7,450	3,3	3,5 – 5	500	6.000
RENO3210NE	3,2 x 10	7,876	3,3	5 – 7	500	6.000
RENO3212NE	3,2 x 12	8,264	3,3	7 – 9	500	6.000
RENO4008NE	4 x 8	9,081	4,1	3 – 5	500	6.000
RENO4010NE	4 x 10	9,823	4,1	5 – 6,5	500	6.000
RENO4012NE	4 x 12	10,180	4	6,5 – 8,5	500	6.000
RENO4014NE	4 x 14	11,193	4,1	8,5 – 10,5	500	6.000
RENO4810NE	4,8 x 10	13,452	4,9	4 – 6	500	3.000
RENO4812NE	4,8 x 12	14,149	4,9	6 – 8	500	3.000
RENO4814NE	4,8 x 14	15,436	4,9	8 – 10	250	3.000
RENO4816NE	4,8 x 16	16,065	4,9	10 – 12	250	3.000

RE-FL

Peel head

METAL



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
REFL4012	4 x 12,1	8,865	4,1	4 – 6,5	500	6.000
REFL4014	4 x 13,9	10,039	4,1	6 – 9	500	3.000
REFL4016	4 x 15,7	10,523	4,1	8 – 11	500	3.000
REFL4018	4 x 17,4	10,921	4,1	10 – 13	500	3.000
REFL4020	4 x 19,2	11,481	4,1	12 – 15	500	3.000
REFL4814	4,8 x 14,5	13,596	5	4 – 8	250	3.000
REFL4816	4,8 x 16,3	14,372	5	6 – 10	250	3.000
REFL4830	4,8 x 30	22,118	5	19 – 24	200	1.200
REFL4835	4,8 x 35	25,613	5	24 – 29	150	1.800
REFL4840	4,8 x 40	29,664	5	29 – 34	150	1.800
REFL4845	4,8 x 45	35,971	5	-	150	900
REFL4850	4,8 x 50	39,298	5	-	150	900
REFL4818	4,8 x 18	16,332	5	8 – 12	250	3.000
REFL4824	4,8 x 24	19,271	5	15 – 18	200	2.400
REFL4025	4 x 25	14,722	4,1	15 – 20	250	3.000



Blister

CODE	SIZE	€/BAG	PEP.	BAGS
BZREFL4835	4,8 x 35	1,857	5	20





Window Box

CODE	SIZE	€/BOX	PEP.	BOXES
VREFL4835	4,8 x 35	8,645	25	8

Blind rivet nuts

TR





CODE	SIZE	€/100		
TRAV0411	M4 x 11	16,245	500	12.000
TRAV0513	M5 x 13	17,428	500	6.000
TRAV0616	M6 x 16	21,777	500	3.000
TRAV0819	M8 x 19	25,486	250	3.000
TRAV1021	M10 x 21	38,848	250	1.500

TR-AV

Countersunk head





CODE	SIZE	€/100		
TRCA0310	M3 x 10	11,319	500	12.000
TRCA0410	M4 x 10	23,589	500	12.000
TRCA0411	M4 x 11	23,589	500	12.000
TRCA0512	M5 x 12	25,333	500	12.000
TRCA0515	M5 x 15	25,333	500	6.000
TRCA0614	M6 x 14	31,766	250	3.000
TRCA0616	M6 x 16	31,766	250	3.000
TRCA0816	M8 x 16	23,518	250	3.000
TRCA0818	M8 x 18	24,330	250	1.500
TRCA1017	M10 x 17	38,855	250	1.500
TRCA1022	M10 x 22	40,219	250	1.500
TRCA1223	M12 x 23	65,130	250	1.000

TR-CA

Wide head



CODE	SIZE	€/100		
TRCR0410	M4 x 10	23,569	500	12.000
TRCR0511	M5 x 11	23,817	500	12.000
TRCR0614	M6 x 14	29,821	250	6.000
TRCR0815	M8 x 15	34,717	250	3.000
TRCR1019	M10 x 19	34,816	250	1.500

TR-CR

Flat head



RM

Rivets


METAL

RM-MA

Hand tool for blind rivets



0,524
Kg

CODE	€/PC	SUITABLE FOR ALUMINIUM	SUITABLE FOR STEEL	SUITABLE FOR STAINLESS STEEL	
RMMA01	23,422	Ø2,4 Ø3,2 Ø4,0 Ø4,8	Ø2,4 Ø3,2 Ø4,0	-	1


RM-PA

Long arm riveter



1,865
Kg

METAL

CODE	€/PC	SUITABLE FOR ALUMINIUM	SUITABLE FOR STEEL	SUITABLE FOR STAINLESS STEEL	
RMPA01	163,750	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	1


RM-EX

Lazy tong riveter



1,936
Kg

METAL

CODE	€/PC	SUITABLE FOR ALUMINIUM	SUITABLE FOR STEEL	SUITABLE FOR STAINLESS STEEL	
RMEX01	152,500	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	Ø3,2 Ø4,0 Ø4,8 Ø6,0 Ø6,4	1

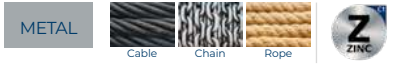


RIGGING HARDWARE



SJ-Z

Zinc plated



CODE	SIZE	Ø CABLE	€/100	
SJZ0403	M4	3	0,239	200
SJZ0505	M5	5	0,276	200
SJZ0506	M5	6 - 6,5	0,345	100
SJZ0608	M6	8	0,496	100
SJZ0810	M8	10	0,665	100
SJZ0811	M8	11	0,848	100
SJZ1013	M10	13	1,163	100
SJZ1014	M10	14	1,339	50
SJZ1216	M12	16	1,990	50
SJZ1220	M12	20	2,526	25
SJZ1422	M14	22	3,216	15
SJZ1426	M14	26	4,530	15
SJZ1630	M16	30	8,322	10
SJZ1634	M16	34	9,776	10
SJZ1640	M16	40	12,179	5



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZSJZ0403	M4	4,357	4	20
BZSJZ0505	M5	4,357	2	20
BZSJZ0506	M5	4,357	2	20
BZSJZ0608	M6	4,357	2	20

TS-GA

Zinc plated



CODE	SIZE	Ø CABLE	€/100	
TSGA06	M6	1/4"	2,131	50
TSGA08	M8	5/16"	2,844	25
TSGA10	M10	3/8"	4,063	25
TSGA12	M12	1/2"	6,113	10
TSGA14	M14	9/16"	8,622	10
TSGA16	M16	5/8"	12,108	10
TSGA20	M20	3/4"	21,900	5
TSGA22	M22	7/8"	30,242	1
TSGA24	M24	1"	37,607	1
TSGA30	M30	1-1/4"	75,423	1
TSGA36	M36	1-1/2"	230,419	1



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTSGA06	M6	4,357	1	20

Fencing hardware

CM-T

METAL



CODE	SIZE	€/100	
CMTENSOAL	85 x 29,5	95,613	250

CM-TENSO

Wire tightener



METAL



CODE	SIZE	€/100	
CMTENSOVE	85 x 29,5	155,852	250

CM-TENSOVE

Green wire tightener



METAL



CODE	SIZE	€/100	
CMTENSOTO	Tornillo	98,224	450

CM-TT

Wire tightening screw



Female elevation ring D-582

EV-H **NEW**

METAL



CODE	SIZE	Ø CABLE	€/100	
EVH06	M6	20	1,513	100
EVH08	M8	20	1,590	100
EVH10	M10	25	2,255	100
EVH12	M12	30	2,785	100
EVH14	M14	35	3,710	50
EVH16	M16	35	4,221	50
EVH18	M18	40	5,653	50
EVH20	M20	40	5,918	50
EVH22	M22	45	9,349	25
EVH24	M24	50	11,660	25
EVH30	M30	60	26,003	10
EVH36	M36	70	42,613	1

EV-H

Zinc plated



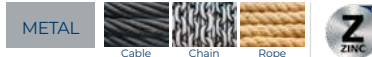
NEW

EV-M

Male elevation ring D-580

EV-M

Zinc plated



CODE	SIZE	Ø CABLE	€/100	
EVM08	M8	20	1,590	100
EVM10	M10	25	2,255	100
EVM12	M12	30	2,785	50
EVM14	M14	35	3,710	50
EVM16	M16	35	4,221	50
EVM18	M18	40	5,653	50
EVM20	M20	40	5,918	25
EVM22	M22	45	9,349	25
EVM24	M24	50	11,660	25
EVM30	M30	60	26,003	10
EVM36	M36	70	42,613	1
EVM42	M42	80	79,082	1
EVM48	M48	90	133,772	1

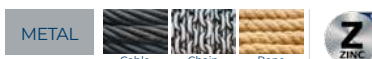
NEW

GR

Straight shackle

GR-Z

Zinc plated



CODE	SIZE	Ø CABLE	€/100	
GRZ05	M5	10	0,815	50
GRZ06	M6	12	0,855	50
GRZ08	M8	16	1,078	50
GRZ10	M10	20	1,414	50
GRZ11	M11	22	2,444	25
GRZ12	M12	25	2,225	25
GRZ14	M14	28	3,411	25
GRZ16	M16	32	4,600	10
GRZ18	M18	36	7,138	5
GRZ20	M20	38	8,193	5
GRZ22	M22	44	10,914	1
GRZ25	M25	50	15,965	1
GRZ28	M28	56	23,741	1
GRZ32	M32	64	38,777	1
GRZ36	M36	72	74,462	1
GRZ42	M42	76	142,215	1
GRZ45	M45	80	189,029	1
GRZ50	M50	90	248,198	1

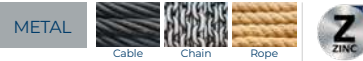


Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZGRZ05	M5	4,357	4	20
BZGRZ06	M6	4,357	4	20
BZGRZ08	M8	4,357	2	20
BZGRZ10	M10	4,357	1	20

Thimble DIN-6899/A

GD NEW



GD-Z

Zinc plated

CODE	SIZE	Ø CABLE	€/100	
GDZ03	M3	12	0,318	200
GDZ04	M4	13	0,325	200
GDZ05	M5	14	0,371	200
GDZ06	M6	15	0,417	200
GDZ08	M8	18	0,459	100
GDZ10	M10	22	0,629	100
GDZ13	M13	28	1,413	50
GDZ15	M15	32	2,102	50
GDZ18	M18	40	4,947	50
GDZ20	M20	44	6,183	25
GDZ24	M24	48	7,597	10



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZGDZ03	M3	4,357	6	20
BZGDZ04	M4	4,357	4	20
BZGDZ05	M5	4,357	4	20
BZGDZ06	M6	4,357	4	20



NEW RIGGING HARDWARE RANGE

- DEE SHACKLES
- TURNBUCKLES EYE AND HOOK
- THIMBLES
- LIFTING EYES
- WIRE ROPE CLIPS

CM

Fencing accesories

CM-BP

Clamp post

METAL



CODE	SIZE	€/100	
CMBRPOS33	33	128,386	250
CMBRPOS40	40	132,762	200
CMBRPOS42	42	134,884	200
CMBRPOS48	48	139,557	200
CMBRPOS50	50	141,632	200
CMBRPOS60	60	152,835	150

CM-BT

Screw tighten clamp

METAL



CODE	SIZE	€/100	
CMBRTEN48	48	251,457	200

CM-TA

Stopper

METAL



CODE	SIZE	€/100	
CMTAPON33	33	61,661	500
CMTAPON40	40	67,692	350
CMTAPON42	42	70,285	350
CMTAPON48	48	78,096	300
CMTAPON50	50	87,091	250
CMTAPON60	60	101,040	250

CM-TP

Post stopper

METAL



CODE	SIZE	€/100	
CMTAPOS33	33	166,606	100
CMTAPOS40	40	174,838	200
CMTAPOS42	42	175,348	200
CMTAPOS48	48	193,231	150

CM-UN

Fastener

METAL



CODE	SIZE	€/100	
CMUNAAGUJ	With hole	19,260	1.500



FIXINGS & ACCESSORIES FOR DRYWALL



PL

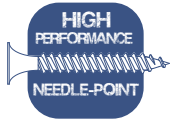
Drywall screw for plasterboard, with bugle head, twinfast thread, S-point

PL

Drywall screw for plasterboard, with wide head



FREE - 1 bit inside each box



CODE	SIZE	€/100		DRILL CAPACITY	MIN. ORDER QTY.		
PL35019	3,5 x 19	1,671	PH2	< 0.6 mm	2.000	1.000	12.000
PL35025	3,5 x 25	1,622	PH2	< 0.6 mm	2.000	1.000	12.000
PL35035	3,5 x 35	2,087	PH2	< 0.6 mm	2.000	1.000	6.000
PL35045	3,5 x 45	2,621	PH2	< 0.6 mm	1.000	500	6.000
PL35055	3,5 x 55	3,311	PH2	< 0.6 mm	1.000	500	3.000
PL39025	3,9 x 25	2,000	PH2	< 0.6 mm	2.000	1.000	12.000
PL39035	3,9 x 35	2,933	PH2	< 0.6 mm	2.000	1.000	6.000
PL39045	3,9 x 45	3,311	PH2	< 0.6 mm	1.000	500	3.000
PL39055	3,9 x 55	4,614	PH2	< 0.6 mm	1.000	500	3.000
PL42070	4,2 x 70	5,203	PH2	< 0.6 mm	500	500	3.000
PL42080	4,2 x 80	5,713	PH2	< 0.6 mm	500	500	2.000
PL48090	4,8 x 90	12,581	PH2	< 0.6 mm	500	500	1.500
PL48100	4,8 x 100	15,205	PH2	< 0.6 mm	500	500	1.000
PL48110	4,8 x 110	16,810	PH2	< 0.6 mm	500	500	1.000
PL48120	4,8 x 120	18,616	PH2	< 0.6 mm	500	500	1.000
PL48130	4,8 x 130	20,453	PH2	< 0.6 mm	500	500	1.000



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZPL35025	3,5 x 25	2,345	50	10
BZPL35035	3,5 x 35	2,345	40	10
BZPL35045	3,5 x 45	2,345	25	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VPL35025	3,5 x 25	5,564	250	8
VPL35035	3,5 x 35	7,034	250	8
VPL35045	3,5 x 45	5,314	150	8

PL-EP

Plastic container



CODE	SIZE	€/JAR		DRILL CAPACITY	MIN. ORDER QTY.	PCS X JAR
PLEP35025	3,5 x 25	66,838	PH2	< 0.6 mm	1 jar	4.000
PLEP35035	3,5 x 35	64,480	PH2	< 0.6 mm	1 jar	3.000






Drywall screw for plasterboard, with bugle head, coarse thread, S-point

PL-RA

HOLLOWS



CODE	SIZE	€/100		MIN. ORDER QTY.		
PLRA3925	3,9 x 25	1,664	PH2	2.000	1.000	12.000
PLRA3935	3,9 x 35	2,191	PH2	2.000	1.000	6.000
PLRA3945	3,9 x 45	2,753	PH2	1.000	500	3.000
PLRA3955	3,9 x 55	3,370	PH2	1.000	500	3.000
PLRA4835	4,8 x 35	3,338	PH2	2.000	1.000	6.000






Drywall screw for plasterboard, with bugle head, twinfast thread

PL-TR

HOLLOWS



CODE	SIZE	€/100		DRILL CAPACITY	MIN. ORDER QTY.		
PLTR3525	3,5 x 25	1,941	PH2	0,8 - 3 mm	2.000	1.000	12.000
PLTR3535	3,5 x 35	2,430	PH2	0,8 - 3 mm	2.000	1.000	6.000
PLTR3545	3,5 x 45	3,089	PH2	0,8 - 3 mm	1.000	500	6.000






Drywall screw for plasterboard, with wide head

PL-CA

HOLLOWS



CODE	SIZE	€/100			
PLCAZ4213	4,2 x 13	2,458	PH2	1.000	12.000
PLCAZ4216	4,2 x 16	2,669	PH2	1.000	12.000
PLCAZ4219	4,2 x 19	2,874	PH2	1.000	12.000
PLCAZ4225	4,2 x 25	3,273	PH2	1.000	6.000
PLCAZ4232	4,2 x 32	4,056	PH2	500	6.000
PLCAZ4241	4,2 x 41	4,604	PH2	500	3.000
PLCAZ4251	4,2 x 51	5,214	PH2	200	2.400



CP

Tape for plasterboards

CP-PA

Paper tape for joints



HOLLOWS



CODE	ROLL LENGTH	WIDTH	€/IPC	
CPPA023	23 m	50 mm	3,215	20
CPPA075	75 m	50 mm	6,221	20
CPPA150	150 m	50 mm	9,306	10





CP-GV

Reinforced tape



HOLLOWS



CODE	ROLL LENGTH	€/IPC		
CPGV012	12,5 m	13,745	1	20
CPGV030	30 m	19,091	1	10




CP-AC

Adhesive acoustic band



HOLLOWS



CODE	ROLL LENGTH	WIDTH	€/IPC	
CPAC300453	30m x 45 x 3	45 mm	14,393	26
CPAC300703	30m x 70 x 3	70 mm	21,748	17

CP-MV

Fiberglass mesh tape



HOLLOWS



CODE	ROLL LENGTH	€/IPC	
CPMV020	20 m	3,297	100
CPMV045	45 m	6,178	64
CPMV090	90 m	12,625	36
CPMV150	150 m	17,288	16



Universal anchor

OME

MULTI-MATERIAL



CODE	SIZE	€/100		
OMEM06	M6	43,248	100	300



CE

M6 half clamp

MAB NEW

MULTI-MATERIAL



CODE	SIZE	€/100		
MABM6018	18	13,603	100	2.400



Suspension bracket

HO



CODE	SIZE	PROFILE	€/100		
HOCUM647	M6	23,772	22,427	100	300

HO-CU

Pivot sleeve



CE



CODE	SIZE	PROFILE	€/100		
HOCRM647	M6	37,100	35,000	100	300
HOCRM660	M6	47,700	45,000	100	-

HO-CR

Straight



CE

EMP

Connecting piece for profiles



CODE	PROFILE	€/100		
EMPTC45	TC 45	31,878	50	150
EMPTC47	TC 47	31,877	50	100
EMPTC60	TC 60	51,233	50	100



CAB

Trestle for profile intersection



CODE	PROFILE	€/100		
CABTC47	TC 47	43,672	50	400
CABTC60	TC 60	50,951	50	-



ADU

Direct "U" hook for supporting profiles on false ceilings



CODE	PROFILE	€/100		
ADUTC47	TC 47	50,951	100	400
ADUTC60	TC 60	54,590	100	400



* The product is provided without folding.



PCU

Angled



CODE	SIZE	€/100	MIN. ORDER QTY.		
PCU0005	5	14,338	200	100	800
PCU0006	6	14,444	200	100	800





Accessory for hanging

SUS



CODE	PROFILE	LENGTH	€/100		
SUSTC47090	TC47	18,020	17,000	100	1.000
SUSTC47180	TC47	27,030	25,500	100	500
SUSTC47240	TC47	59,925	56,533	100	300
SUSTC47300	TC47	73,034	68,900	50	300
SUSTC47400	TC47	108,615	102,467	50	200



Trap doors for plasterboard

TR



CODE	SIZE	€/PC	
TRBL200200	200 x 200	25,497	1
TRBL300300	300 x 300	32,054	1
TRBL400400	400 x 400	43,709	1
TRBL500500	500 x 500	59,987	1
TRBL600600	600 x 600	73,109	1

TR-BL

Metallic white (RAL 9016)



CODE	SIZE	THICKNESS	€/PC	
TR13200200	200 x 200	13 mm	32,782	2
TR13300300	300 x 300	13 mm	39,678	2
TR13400400	400 x 400	13 mm	50,994	2
TR13500500	500 x 500	13 mm	61,922	1
TR13600600	600 x 600	13 mm	76,491	1

TR-13

Aluminium standard 13 mm.



CODE	SIZE	THICKNESS	€/PC	
TR15200200	200 x 200	15 mm	66,092	2
TR15300300	300 x 300	15 mm	73,645	2
TR15400400	400 x 400	15 mm	84,117	2
TR15500500	500 x 500	15 mm	103,000	1
TR15600600	600 x 600	15 mm	120,167	1

TR-15

Aluminium standard 15 mm.



FP-GUN

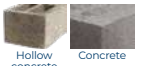
Semiautomatic powder-actuated nail gun

FP08GUN

For 8 mm nails



POWDER



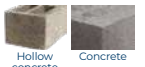
CODE	SIZE	€/PC	
FP08GUN	8mm	630,609	1

FP12GUN

For 12 mm nails



POWDER



CODE	SIZE	€/PC	
FP12GUN	12mm	1.222,373	1



**GUNS SUPPLIED WITH
COMPLETE KIT CASE**

TOOL CASE CONTENT

- Gun
- Brush
- User manual
- Safety glasses
- Spare parts
- Lubricant oil

Pistons for powder guns

FP-PIS

POWDER



CODE	POWER	COLOR	€/100	PCS. X STRIP	
FPP3VE NEW	POWER 3		21,840	10	100
FPP4AM	POWER 4		21,840	10	100
FPP5RO	POWER 5		21,840	10	100

FP-IP

Powder cartridges



POWDER

CODE	POWER	COLOR	€/100	PCS. X DISC	
FPCRAM	POWER 4		28,830	10	100
FPCRRO	POWER 5		28,830	10	100

FP-CR

Disc powder cartridges



Nails for powder-actuated guns

FP-CL08

POWDER



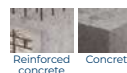
CODE	SIZE	€/100		
FPCG0816	3,8 x 16	22,064	100	4.500
FPCG0819	3,8 x 19	24,490	100	4.500



FP-CG 08

Knurled nails with plastic washer



POWDER



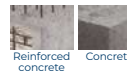
CODE	SIZE	€/100		
FPCL0816	3,8 x 16	10,409	100	4.500
FPCL0819	3,8 x 19	10,780	100	4.500
FPCL0825	3,8 x 25	10,854	100	4.500
FPCL0827	3,8 x 27	11,071	100	2.400
FPCL0832	3,8 x 32	11,613	100	2.400
FPCL0838	3,8 x 38	12,957	100	2.400
FPCL0844	3,8 x 44	13,864	100	2.400
FPCL0851	3,8 x 51	15,726	100	2.400
FPCL0857	3,8 x 57	16,244	100	2.400
FPCL0864	3,8 x 64	18,046	100	1.200
FPCL0870	3,8 x 70	18,799	100	1.200

FP-CL 08

Standard nails with rubber washer



POWDER



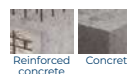
CODE	SIZE	€/100		
FPAP085166	3,8 x 51	117,551	100	200


FP-AP 08

Standard nails with 66mm plastic washer



POWDER



CODE	SIZE	€/100	
FPC303708	3,8 x 37	50,092	100
FPC304708	3,8 x 47	51,867	100

FP-C30 **NEW**

Standard nails with 30mm plastic washer, for fixing geotextiles



FP-CL08 Nails for powder-actuated guns

FP-AM 08

Standard nails with 66mm metallic washer



POWDER

CODE	SIZE	€/100		
FPAM0837	3,8 x 37	30,058	100	600
FPAM0851	3,8 x 51	32,802	100	600

FP-CR 08

M6 X 8 thread standard nails for the clamps installation



POWDER

CODE	SIZE	€/100		
FPCR0812*	3,8 x 12	26,383	100	2.400
FPCR0822	3,8 x 22	27,150	100	2.400
FPCR0827	3,8 x 27	27,573	100	2.400

* Valid to install on steel

FP-PI 08

13mm clamp clip with nail and red rubber



POWDER

CODE	SIZE	€/100		
FPPI081613	3,8 x 13	56,382	100	600

FP-CL12 Nails for powder-actuated guns

FP-CG12

Knurled nails with 12 mm metal washer



POWDER

CODE	SIZE	€/100		
FPCG1612	3,8 x 16	13,591	100	4.500
FPCG1912	3,8 x 19	13,965	100	-

FP-CGD12

Knurled nails with 12 mm metal and plastic double washer



POWDER

CODE	SIZE	€/100		
FPCGD1612	3,8 x 16	17,098		100
FPCGD1912	3,8 x 19	17,556		100

FP-CL12

Standard nails with 12 mm metal washer



POWDER


CODE	SIZE	€/100		
FPCL2212	3,8 x 22	12,901	100	-
FPCL2712	3,8 x 27	13,563	100	1.000
FPCL3212	3,8 x 32	14,308	100	1.000
FPCL3712	3,8 x 37	15,134	100	-
FPCL4212	3,8 x 42	16,041	100	-
FPCL4712	3,8 x 47	17,458	100	2.400

Nails for powder-actuated guns

FP-CL12

POWDER



CODE	SIZE	€/100	
FPCLD2212	3,8 x 22	16,723	100
FPCLD2712	3,8 x 27	17,588	100
FPCLD3212	3,8 x 32	18,582	100
FPCLD3712	3,8 x 37	19,656	100
FPCLD4212	3,8 x 42	20,808	100
FPCLD4712	3,8 x 47	22,628	100

FP-CLD12

Standard nails with a 12 mm metal and a plastic double washer



POWDER



CODE	SIZE	€/100	
FPCT3212	3,8 x 32	37,692	100

FP-CT12


Nails for false ceiling installation



Pistons for FP08GUN and FP12GUN guns

FP-PIS

POWDER

CODE	SIZE	€/PC	
FPPISCL08	8	53,680	1


Valid for nails: Ref: FP-AP y FP-C30

FP-PISCL08

Pistón for FP08GUN



POWDER

CODE	SIZE	€/PC	
FPPISPL08	8	53,417	1


Valid for nails: Ref: FP-CG, FP-CL, FP-AM, FP-CR, FP-PI.

FP-PISPL08

Flat pistón for FP08GUN



POWDER

CODE	SIZE	€/PC	
FPPISCL12	12	82,500	1


Valid for nails: Ref: FP-CG12, FP-CGD12, FP-CL12, FP-CLD12.

FP-PISCL12

Pistón for FP12GUN



POWDER

CODE	SIZE	€/PC	
FPPISCM12	M6 x 8	90,407	1


Available for nails of Ø12, M6

FP-PISCM12

Pistón for FP12GUN



POWDER

CODE	SIZE	€/PC	
FPPISCT12	12	92,813	1

Available for nails FPCT3212

FP-PISCT12

Pistón for FP12GUN




FG-GUN

Semiautomatic, wireless, gas-actuated nail gun
Shootex 60

GAS



CODE	SIZE	€/PC	
FG60GUN	GAS GUN	2.160,000	1



GUN SUPPLIED
WITH COMPLETE KIT CASE



TOOL CASE CONTENT


- SHOOTEX60 Gun
- Charger
- 2 batteries
- Allen key
- User manual

- Direct anchoring technique for light fixings: organising cabling, positioning of metallic profiles for the installation of plasterboard walls, etc.
- Fixing of metal or wood to concrete or blocks.
- Gun supplied with complete kit case, including battery charger.
- Long-lasting batteries.
- Suitable for nails up to 40 mm. long.
- Gas charge supplied with consumables.

Nails for gas-actuated guns

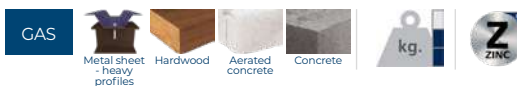
FG-CL



CODE	SIZE	€/100	
FGCL15	2,6 x 15	14,917	1.000
FGCL20	2,6 x 20	13,787	1.000
FGCL25	2,6 x 25	14,013	1.000
FGCL30	2,6 x 30	14,147	1.000
FGCL35	2,6 x 35	15,427	1.000
FGCL40	2,6 x 40	16,587	1.000
FGCL58	2,6 x 58	17,567	1.000

FG-CL

Nails for Shooter60 and Pulsa400



CODE	SIZE	€/100	
FGCLH17	3,1 x 17	15,530	1.000
FGCLH19	3,1 x 19	15,530	1.000
FGCLH22	3,1 x 22	15,530	1.000
FGCLH27	3,1 x 27	16,247	1.000
FGCLH32	3,1 x 32	16,820	1.000

FG-CLH



Nails for hard materials. Shootex6



Accessories for gas gun

FG-AC



CODE	SIZE	€/100		
FGPLET	M6 - M8	67,947	100	400

FG-PLET

Threaded platen for rod



FG-AC

Accessories for gas gun

NEW **AB-PID**

Conduit clip with single hole for shooting



CODE	SIZE	€/100		
ABPID016	16	10,667	100	1.200
ABPID020	20	16,500	100	1.200
ABPID025	25	19,333	100	600
ABPID032	32	24,000	100	600

FG-ABRA

Snap clamp



CODE	SIZE	€/100		
FGABRA15	15 - 18	47,097	100	-
FGABRA20	20 - 25	57,236	50	200
FGABRA25	25 - 32	68,819	50	-

FG-BASE

Flange base



CODE	€/100		
FGBASENE	14,063	100	1.200

FG-IMAN

Magnet



CODE	SIZE	€/PC	
FGIMAN	internal Ø - 11,25	22,779	1

FG-BAT

FP60GUN Battery



CODE	€/PC	
FG60BAT	151,410	1

FG-CAR

FP60GUN Charger



CODE	€/PC	
FG60CAR	217,473	1

FG-GAS

Gas cartridge



CODE	€/PC		
FG60GAS	46,350	1	12



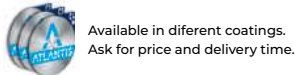
SCREWS FOR DECKING AND FAÇADES



DIN-7504-K Self-drilling screw with hexagonal head

DIN-7504-K

Screw



CODE	SIZE	€/100			
ABE3509	3,5 x 9,5	1,855	6	1.000	24.000
ABE3513	3,5 x 13	1,841	6	1.000	12.000
ABE3516	3,5 x 16	2,163	6	1.000	12.000
ABE3519	3,5 x 19	2,196	6	1.000	12.000
ABE4213	4,2 x 13	2,486	7	1.000	12.000
ABE4216	4,2 x 16	2,746	7	1.000	8.000
ABE4219	4,2 x 19	3,183	7	1.000	8.000
ABE4225	4,2 x 25	3,604	7	500	6.000
ABE4232	4,2 x 32	4,143	7	500	6.000
ABE4238	4,2 x 38	4,712	7	500	6.000
ABE4813	4,8 x 13	3,344	8	1.000	8.000
ABE4816	4,8 x 16	3,615	8	1.000	6.000
ABE4819	4,8 x 19	3,689	8	500	6.000
ABE4825	4,8 x 25	4,367	8	500	6.000
ABE4832	4,8 x 32	5,192	8	500	3.000
ABE4838	4,8 x 38	5,830	8	500	3.000
ABE5519	5,5 x 19	5,049	8	500	6.000
ABE5522	5,5 x 22	5,159	8	500	4.000
ABE5525	5,5 x 25	5,852	8	500	6.000
ABE5532	5,5 x 32	6,783	8	500	3.000
ABE5538	5,5 x 38	7,700	8	500	3.000
ABE5550	5,5 x 50	9,306	8	500	2.000

CODE	SIZE	€/100			
ABE5563	5,5 x 63	11,158	8	250	1.000
ABE5575	5,5 x 75	13,622	8	250	1.500
ABE6319	6,3 x 19	7,575	10	500	3.000
ABE6325	6,3 x 25	8,334	10	500	3.000
ABE6332	6,3 x 32	9,852	10	500	2.000
ABE6338	6,3 x 38	10,655	10	500	2.000
ABE6350	6,3 x 50	12,991	10	250	1.500
ABE6363	6,3 x 63	15,451	10	250	1.500
ABE6375	6,3 x 75	18,663	10	250	1.000
ABE6380	6,3 x 80	19,954	10	250	1.000
ABE6390	6,3 x 90	24,908	10	250	750
ABE6310	6,3 x 100	25,791	10	100	600
ABE6311	6,3 x 110	30,481	10	100	600
ABE6312	6,3 x 120	36,696	10	100	600
ABE6313	6,3 x 130	40,722	10	100	600
ABE6314	6,3 x 140	45,778	10	100	600
ABE6315	6,3 x 150	65,952	10	100	600
ABE6316	6,3 x 160	74,004	10	100	400
ABE6318	6,3 x 180	95,759	10	100	300
ABE6320	6,3 x 200	120,930	10	100	300
ABE6322	6,3 x 220	140,030	10	100	200
ABE6324	6,3 x 240	174,790	10	100	200



CODE	SIZE	€/BAG	PCS. 	BAGS
BZABE3509	3,5 x 9,5	2,345	20	20
BZABE3513	3,5 x 13	2,345	20	20
BZABE4213	4,2 x 13	2,345	20	20
BZABE4216	4,2 x 16	2,345	20	20
BZABE4219	4,2 x 19	2,345	20	20
BZABE4225	4,2 x 25	2,345	10	20
BZABE4813	4,8 x 13	2,345	20	20
BZABE4816	4,8 x 16	2,345	20	20
BZABE4819	4,8 x 19	2,345	10	20
BZABE4825	4,8 x 25	2,345	10	20
BZABE4832	4,8 x 32	2,345	10	20
BZABE4838	4,8 x 38	2,345	10	20
BZABE5519	5,5 x 19	2,345	10	20
BZABE5522	5,5 x 22	2,345	10	20
BZABE5525	5,5 x 25	2,345	10	20
BZABE5532	5,5 x 32	2,345	10	20
BZABE5538	5,5 x 38	2,345	10	20
BZABE5550	5,5 x 50	2,345	10	20
BZABE6325	6,3 x 25	2,345	10	20
BZABE6332	6,3 x 32	2,345	10	20
BZABE6338	6,3 x 38	2,345	10	20
BZABE6350	6,3 x 50	2,345	5	20



CODE	SIZE	€/BOX	PCS. 	BOXES
VABE3509	3,5 x 9,5	4,785	225	8
VABE3513	3,5 x 13	4,968	200	8
VABE4213	4,2 x 13	4,950	150	8
VABE4216	4,2 x 16	5,468	150	8
VABE4219	4,2 x 19	6,451	150	8
VABE4225	4,2 x 25	3,718	75	8
VABE4232	4,2 x 32	4,309	75	8
VABE4813	4,8 x 13	6,710	150	8
VABE4816	4,8 x 16	7,409	150	8
VABE4819	4,8 x 19	8,078	150	8
VABE4825	4,8 x 25	9,112	150	8
VABE4832	4,8 x 32	7,571	110	8
VABE4838	4,8 x 38	6,682	85	8
VABE5519	5,5 x 19	8,529	125	8
VABE5522	5,5 x 22	8,967	125	8
VABE5525	5,5 x 25	9,890	125	8
VABE5532	5,5 x 32	7,794	85	8
VABE5538	5,5 x 38	8,162	80	8
VABE5550	5,5 x 50	7,398	60	8
VABE5563	5,5 x 63	5,940	40	8
VABE6319	6,3 x 19	10,246	100	8
VABE6325	6,3 x 25	9,954	90	8
VABE6332	6,3 x 32	9,155	70	8
VABE6338	6,3 x 38	8,489	60	8
VABE6350	6,3 x 50	6,898	40	8
VABE6363	6,3 x 63	5,130	25	8

DIN-7504-K A2

Screw. A2 Stainless steel



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	12,885	7	1.000	12.000
ABEI4216	4,2 x 16	14,458	7	1.000	8.000
ABEI4219	4,2 x 19	14,982	7	1.000	8.000
ABEI4813	4,8 x 13	18,227	8	1.000	8.000
ABEI4816	4,8 x 16	17,809	8	500	6.000
ABEI4819	4,8 x 19	19,276	8	500	6.000
ABEI4825	4,8 x 25	21,582	8	500	6.000
ABEI4832	4,8 x 32	25,667	8	500	3.000
ABEI5519	5,5 x 19	26,609	8	500	6.000
ABEI5522	5,5 x 22	28,391	8	500	4.000
ABEI5525	5,5 x 25	30,173	8	500	6.000
ABEI6319	6,3 x 19	40,333	10	500	3.000
ABEI6325	6,3 x 25	45,885	10	500	3.000



Self-drilling screw with hexagonal head

DIN-7504-K

METAL



CODE	SIZE	€/100			
ABE144219	4,2 x 19 P14	6,667	7	1.000	4.000
ABE144225	4,2 x 25 P14	7,888	7	500	3.000
ABE144816	4,8 x 16 P14	6,408	8	1.000	4.000
ABE144819	4,8 x 19 P14	6,458	8	1.000	4.000
ABE144825	4,8 x 25 P14	7,603	8	1.000	4.000
ABE144832	4,8 x 32 P14	10,454	8	500	3.000
ABE144838	4,8 x 38 P14	11,477	8	500	3.000
ABE145522	5,5 x 22 P14	9,140	8	1.000	4.000
ABE145532	5,5 x 32 P14	10,328	8	1.000	4.000
ABE164219	4,2 x 19 P16	8,248	7	1.000	4.000
ABE164816	4,8 x 16 P16	7,481	8	1.000	4.000
ABE164819	4,8 x 19 P16	7,024	8	1.000	3.000
ABE164825	4,8 x 25 P16	7,906	8	1.000	3.000
ABE164832	4,8 x 32 P16	11,030	8	500	3.000
ABE164838	4,8 x 38 P16	11,948	8	500	2.000
ABE165519	5,5 x 19 P16	8,870	8	1.000	3.000
ABE165522	5,5 x 22 P16	7,826	8	1.000	3.000
ABE165525	5,5 x 25 P16	9,976	8	1.000	3.000
ABE165532	5,5 x 32 P16	10,472	8	1.000	2.000
ABE165538	5,5 x 38 P16	11,873	8	1.000	2.000
ABE165550	5,5 x 50 P16	13,464	8	500	1.500
ABE165563	5,5 x 63 P16	15,444	8	250	1.500
ABE165575	5,5 x 75 P16	18,428	8	250	1.000
ABE166319	6,3 x 19 P16	11,221	10	500	3.000
ABE166325	6,3 x 25 P16	10,692	10	500	2.000
ABE166332	6,3 x 32 P16	14,594	10	500	2.000
ABE166338	6,3 x 38 P16	15,559	10	500	2.000
ABE166350	6,3 x 50 P16	18,450	10	500	1.000
ABE166363	6,3 x 63 P16	20,290	10	250	1.000
ABE166375	6,3 x 75 P16	24,876	10	250	750
ABE166380	6,3 x 80 P16	26,910	10	100	600
ABE166390	6,3 x 90 P16	31,687	10	100	600
ABE166310	6,3 x 100 P16	33,080	10	100	600
ABE166311	6,3 x 110 P16	37,084	10	100	600
ABE166312	6,3 x 120 P16	43,852	10	100	400
ABE166313	6,3 x 130 P16	47,819	10	100	400
ABE166314	6,3 x 140 P16	52,092	10	100	400

CODE	SIZE	€/100			
ABE184819	4,8 x 19 P18	9,850	8	500	3.000
ABE184825	4,8 x 25 P18	10,454	8	500	3.000
ABE184838	4,8 x 38 P18	12,924	8	500	2.000
ABE185522	5,5 x 22 P18	9,781	8	500	3.000
ABE185525	5,5 x 25 P18	11,236	8	500	3.000
ABE185532	5,5 x 32 P18	12,136	8	500	2.000
ABE185538	5,5 x 38 P18	12,956	8	500	2.000
ABE185550	5,5 x 50 P18	17,154	8	500	1.500
ABE185563	5,5 x 63 P18	16,826	8	250	1.000
ABE186319	6,3 x 19 P18	12,571	10	500	3.000
ABE186325	6,3 x 25 P18	12,359	10	500	2.000
ABE186332	6,3 x 32 P18	15,386	10	500	2.000
ABE186338	6,3 x 38 P18	15,041	10	250	1.500
ABE186350	6,3 x 50 P18	17,845	10	250	1.000
ABE186363	6,3 x 63 P18	21,074	10	250	1.000
ABE186375	6,3 x 75 P18	23,807	10	250	750
ABE186380	6,3 x 80 P18	30,542	10	100	600
ABE186390	6,3 x 90 P18	28,508	10	100	600
ABE186310	6,3 x 100 P18	31,140	10	100	400
ABE186311	6,3 x 110 P18	38,938	10	100	400
ABE186312	6,3 x 120 P18	46,728	10	100	400
ABE186313	6,3 x 130 P18	58,680	10	100	400
ABE186314	6,3 x 140 P18	64,602	10	100	400
ABE255522	5,5 x 22 P25	12,784	8	500	1.500
ABE255525	5,5 x 25 P25	15,340	8	500	1.500
ABE256325	6,3 x 25 P25	16,157	10	500	1.500
ABE256332	6,3 x 32 P25	19,505	10	500	1.000
ABE256338	6,3 x 38 P25	21,658	10	250	750
ABE256350	6,3 x 50 P25	24,437	10	250	750
ABE256363	6,3 x 63 P25	27,623	10	100	600
ABE256380	6,3 x 80 P25	34,708	10	100	300
ABE256390	6,3 x 90 P25	35,885	10	100	400
ABE256310	6,3 x 100 P25	39,082	10	100	400
ABE256311	6,3 x 110 P25	43,477	10	100	300
ABE256312	6,3 x 120 P25	47,930	10	100	300
ABE256313	6,3 x 130 P25	55,148	10	100	300
ABE256314	6,3 x 140 P25	60,300	10	100	200

DIN-7504-K + ARVUL

Screw with vulcanized EPDM-steel washer



P162

Available in different colours



Available in different coatings. Ask for price and delivery time.



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZABE144819	4,8 x 19 P14	2,345	18	10
BZABE144825	4,8 x 25 P14	2,345	18	10
BZABE164819	4,8 x 19 P16	2,345	18	10
BZABE165522	5,5 x 22 P16	2,345	15	10
BZABE165525	5,5 x 25 P16	2,345	15	10
BZABE165532	5,5 x 32 P16	2,345	12	10
BZABE165538	5,5 x 38 P16	2,345	12	10
BZABE165550	5,5 x 50 P16	2,345	10	10
BZABE166325	6,3 x 25 P16	2,345	10	10
BZABE166332	6,3 x 32 P16	2,345	8	10
BZABE166338	6,3 x 38 P16	2,345	8	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VABE144819	4,8 x 19 P14	9,823	100	8
VABE144825	4,8 x 25 P14	8,706	80	8
VABE164819	4,8 x 19 P16	7,176	70	8
VABE165522	5,5 x 22 P16	7,918	70	8
VABE165525	5,5 x 25 P16	8,218	60	8
VABE165532	5,5 x 32 P16	7,099	50	8
VABE165538	5,5 x 38 P16	7,229	45	8
VABE165550	5,5 x 50 P16	6,360	35	8
VABE166325	6,3 x 25 P16	7,727	50	8
VABE166332	6,3 x 32 P16	10,049	50	8
VABE166338	6,3 x 38 P16	8,568	40	8

METAL



CODE	SIZE	€/JAR		PCS X JAR
ABE144819CP	4,8 x 19 P14	83,958	8	1.250
ABE164819CP	4,8 x 19 P16	86,786	8	1.250
ABE165522CP	5,5 x 22 P16	101,772	8	1.250
ABE166325CP	6,3 x 25 P16	83,419	10	750



DIN-7504-K CP + ARVUL

Plastic container



AUTO

Self-drilling screw for beam, hexagonal head

AUTO

Screw



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
AUTO532	5,5 x 32	12,744	8	16	4,00-12,00	500	3.000
AUTO538	5,5 x 38	13,930	8	22	4,00-12,00	500	3.000

AUTO + ARVUL

Screw with vulcanized EPDM-steel washer



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
AUTO16532	5,5 x 32 P16	15,768	8	14	4,00-12,00	500	2.000
AUTO16538	5,5 x 38 P16	16,786	8	20	4,00-12,00	500	2.000

ABE BIMETAL

Bimetal, stainless-steel, self-drilling screw with hexagonal head

ABE BIMETAL

Screw



METAL



CODE	SIZE	€/100		DRILL CAPACITY		
BIE4825	4,8 x 25	68,341	8	1,75-4,40	500	6.000
BIE5525	5,5 x 25	78,404	8	1,75-5,25	500	6.000
BIE5532	5,5 x 32	91,996	8	1,75-5,25	500	3.000
BIE5538	5,5 x 38	95,732	8	1,75-5,25	500	3.000
BIE5550	5,5 x 50	110,495	8	1,75-5,25	500	2.000
BIE5558	5,5 x 58	122,982	8	1,75-5,25	250	1.500
BIE5565	5,5 x 65	128,544	8	1,75-5,25	250	1.500
BIE5580	5,5 x 80	151,654	8	1,75-5,25	250	1.000
BIE6325	6,3 x 25	83,663	10	2,50-6,00	500	3.000

ABE BIMETAL + ARVUL

Screw with vulcanized EPDM-steel washer



METAL



CODE	SIZE	€/100		DRILL CAPACITY		
BIE164825	4,8 x 25 P16	77,998	8	1,75-4,40	500	2.000
BIE165525	5,5 x 25 P16	90,358	8	1,75-5,25	500	2.000
BIE165532	5,5 x 32 P16	105,033	8	1,75-5,25	500	2.000
BIE165538	5,5 x 38 P16	108,119	8	1,75-5,25	500	1.500
BIE165550	5,5 x 50 P16	126,110	8	1,75-5,25	500	1.500
BIE165558	5,5 x 58 P16	135,685	8	1,75-5,25	250	1.500
BIE165565	5,5 x 65 P16	141,210	8	1,75-5,25	250	1.500
BIE165580	5,5 x 80 P16	164,326	8	1,75-5,25	250	1.000
BIE166325	6,3 x 25 P16	96,116	10	2,50-6,00	500	2.000



HEAD AND BODY
STAINLESS A2

DRILL POINT OF
TEMPERED STEEL

The benefits of a steel self-drilling screw with the anti-corrosion resistance of a stainless

ATLANTIS C3-H COATING

BIMETAL

INOX TECHNOLOGY

Bimetal, stainless steel, self-drilling screw for beam with hexagonal head

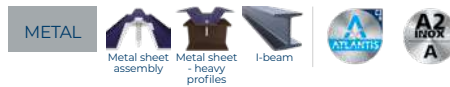
AUTO BIMETAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BAUTO5540	5,5 x 40	106,411	8	10	4,00-12,00	500	3.000
BAUTO5550	5,5 x 50	151,095	8	20	4,00-12,00	500	3.000
BAUTO5565	5,5 x 65	157,847	8	35	4,00-12,00	250	1.500
BAUTO5580	5,5 x 80	198,405	8	50	4,00-12,00	250	1.000
BAUTO5510	5,5 x 100	200,631	8	70	4,00-12,00	100	600

AUTO BIMETAL

Screw



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BAUTO165540	5,5 x 40 P16	128,867	8	8	4,00-12,00	500	1.500
BAUTO165550	5,5 x 50 P16	174,209	8	18	4,00-12,00	500	1.500
BAUTO165565	5,5 x 65 P16	179,998	8	33	4,00-12,00	250	1.500
BAUTO165580	5,5 x 80 P16	211,561	8	48	4,00-12,00	250	1.000
BAUTO165510	5,5 x 100 P16	223,048	8	68	4,00-12,00	100	600

AUTO BIMETAL + ARVUL

Screw with vulcanized EPDM-steel washer



Self-drilling screw with reduced drill point and 8 mm hexagonal head

DIN-7504-K RE



CODE	SIZE	€/100			
ARE4816	4,8 x 16	3,996	8	500	6.000
ARE4819	4,8 x 19	4,288	8	500	6.000
ARE5522	5,5 x 22	6,163	8	500	4.000
ARE6320	6,3 x 20	6,829	8	500	3.000
ARE6325	6,3 x 25	8,021	8	500	3.000
ARE6332	6,3 x 32	10,526	8	500	3.000
ARE6338	6,3 x 38	11,236	8	500	3.000
ARE6350	6,3 x 50	13,698	8	250	1.500
ARE6363	6,3 x 63	16,484	8	250	1.500
ARE6380	6,3 x 80	21,568	8	250	1.000

DIN-7504-K RE

Screw



P.162
Available in different colours

Available in different coatings.
Ask for price and delivery time.

DIN-7504-K RE

Self-drilling screw with reduced drill point and 8 mm hexagonal head

DIN-7504-K RE + ARVUL

Screw with vulcanized EPDM-steel washer



P.162
Available in different colours

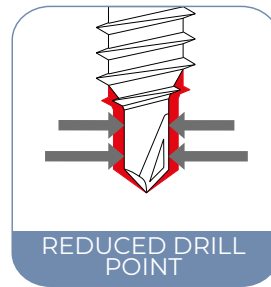


Available in different coatings. Ask for price and delivery time.



CODE	SIZE	€/100			
ARE164816	4,8 x 16 P16	9,655	8	500	3.000
ARE164819	4,8 x 19 P16	10,364	8	500	3.000
ARE165522	5,5 x 22 P16	11,718	8	500	3.000
ARE166320	6,3 x 20 P16	11,538	8	500	3.000
ARE166325	6,3 x 25 P16	12,600	8	500	3.000
ARE166332	6,3 x 32 P16	17,622	8	500	2.000
ARE166338	6,3 x 38 P16	17,089	8	500	2.000
ARE166350	6,3 x 50 P16	20,232	8	250	1.500

For thicknesses less than 1.5 mm



AUE

Self-tapping screw with hexagonal head

AUE

Screw



P.162
Available in different colours



Available in different coatings. Ask for price and delivery time.



CODE	SIZE	€/100			
AUE6319	6,3 x 19	6,426	10	500	3.000
AUE6325	6,3 x 25	6,955	10	500	3.000
AUE6332	6,3 x 32	8,258	10	500	2.000
AUE6340	6,3 x 40	9,205	10	500	2.000
AUE6350	6,3 x 50	10,595	10	500	1.500
AUE6360	6,3 x 60	12,798	10	250	1.000
AUE6380	6,3 x 80	17,136	10	250	1.000
AUE6310	6,3 x 100	22,338	10	250	750
AUE6311	6,3 x 110	27,011	10	250	750
AUE6312	6,3 x 120	28,829	10	250	750
AUE6313	6,3 x 130	35,446	10	250	750
AUE6314	6,3 x 140	40,637	10	250	500
AUE6315	6,3 x 150	49,946	10	100	400

AUE + ARVUL

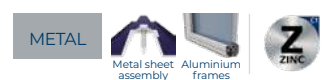
Screw with vulcanized EPDM-steel washer



P.162
Available in different colours



Available in different coatings. Ask for price and delivery time.

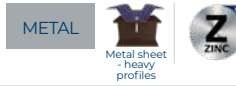


CODE	SIZE	€/100			
AUE166319	6,3 x 19 P16	11,678	10	500	2.000
AUE166325	6,3 x 25 P16	12,370	10	500	2.000
AUE166332	6,3 x 32 P16	13,720	10	500	2.000
AUE166340	6,3 x 40 P16	15,242	10	500	1.500
AUE166350	6,3 x 50 P16	16,999	10	500	1.500
AUE166360	6,3 x 60 P16	20,729	10	250	1.000
AUE166380	6,3 x 80 P16	26,449	10	250	750
AUE186325	6,3 x 25 P18	13,212	10	500	2.000
AUE186332	6,3 x 32 P18	15,156	10	500	1.500
AUE186340	6,3 x 40 P18	18,378	10	500	1.500
AUE186350	6,3 x 50 P18	18,612	10	500	1.500
AUE186360	6,3 x 60 P18	22,414	10	250	1.000
AUE186380	6,3 x 80 P18	29,052	10	250	750
AUE186310	6,3 x 100 P18	33,923	10	250	750
AUE186311	6,3 x 110 P18	38,444	10	250	500
AUE186312	6,3 x 120 P18	44,215	10	100	400
AUE186313	6,3 x 130 P18	51,685	10	100	400
AUE186314	6,3 x 140 P18	56,102	10	100	400
AUE186315	6,3 x 150 P18	57,463	10	100	400
AUE256325	6,3 x 25 P25	21,233	10	500	1.500



Self-drilling screw with hexagonal head for sandwich panels

PS

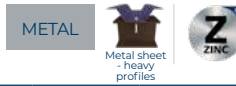


CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PS55060	5,5 / 6,3 x 60	15,484	8	44	1,50-6,00	500	1.500
PS55082	5,5 / 6,3 x 82	21,046	8	68	1,50-6,00	500	1.000
PS55098	5,5 / 6,3 x 98	25,373	8	84	1,50-6,00	500	1.000
PS55115	5,5 / 6,3 x 115	28,890	8	100	1,50-6,00	500	1.000
PS55130 *	5,5 / 6,3 x 130	51,491	8	115	1,50-6,00	200	400
PS55150 *	5,5 / 6,3 x 150	68,105	8	135	1,50-6,00	200	400
PS55180 *	5,5 / 6,3 x 180	113,414	8	165	1,50-6,00	200	400

* Available with steel-EPDM vulcanized washer

PS 3

Standard drill point #3. Zinc plated



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PS1655060	5,5 / 6,3 x 60 P16	20,340	8	42	1,50-6,00	500	1.000
PS1655082	5,5 / 6,3 x 82 P16	25,423	8	66	1,50-6,00	500	1.000
PS1655098	5,5 / 6,3 x 98 P16	30,182	8	82	1,50-6,00	500	1.000
PS1655115	5,5 / 6,3 x 115 P16	34,898	8	98	1,50-6,00	500	-

PS 3 + ARVUL

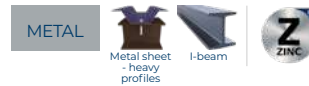
Standard drill point #3 with vulcanized EPDM-steel washer. Zinc plated



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PS1955195	5,5/6,3 x 195 P19	229,680	8	185	1,50-6,00	200	400
PS1955230	5,5/6,3 x 230 P19	322,412	8	215	1,50-6,00	200	-

PS 3 + ARVUL A2 ^{NEW}

Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer

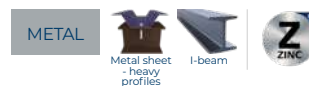


CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PSL55075	5,5 / 6,3 x 75	21,650	8	45	6,00-12,00	500	1.500
PSL55085	5,5 / 6,3 x 85	25,326	8	55	6,00-12,00	500	1.000
PSL55105	5,5 / 6,3 x 105	31,637	8	75	6,00-12,00	500	1.000
PSL55130	5,5 / 6,3 x 130	46,400	8	100	6,00-12,00	250	750
PSL55150	5,5 / 6,3 x 150	54,936	8	120	6,00-12,00	250	750
PSL55175 *	5,5 / 6,3 x 175	107,262	8	145	6,00-12,00	200	400

* Available with steel-EPDM vulcanized washer

PS 5

Standard drill point #5. Zinc plated



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PSL1655075	5,5 / 6,3 x 75 P16	26,341	8	43	6,00-12,00	500	1.000
PSL1655085	5,5 / 6,3 x 85 P16	30,517	8	53	6,00-12,00	500	1.000
PSL1655105	5,5 / 6,3 x 105 P16	36,824	8	73	6,00-12,00	500	1.000
PSL1655130	5,5 / 6,3 x 130 P16	52,045	8	98	6,00-12,00	250	500
PSL1655150	5,5 / 6,3 x 150 P16	60,584	8	118	6,00-12,00	250	500

* Available with steel-EPDM vulcanized washer

PS 5 + ARVUL

Standard drill point #5 with vulcanized EPDM-steel washer. Zinc plated



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PSL1955255	5,5 / 6,3 x 255 P19	449,003	8	210	6,00-12,00	200	400
PSL1955285	5,5 / 6,3 x 285 P19	789,084	8	250	6,00-12,00	200	-

PS 5 + ARVUL A2 ^{NEW}

Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer



FIBR

Self-drilling screw for fibre cement, assembled with umbrella washer

METAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY	
FI63115	6,3 x 115	67,593	8	85	1,50-6,00	250
FI63125	6,3 x 125	71,939	8	95	1,50-6,00	250
FI63110	6,3 x 110	75,797	8	75	6,00-12,00	250
FI63120	6,3 x 120	77,429	8	85	6,00-12,00	250
FI63130	6,3 x 130	82,426	8	95	6,00-12,00	250
FI63150	6,3 x 150	82,415	8	115	6,00-12,00	250
FI63160	6,3 x 160	102,131	8	125	6,00-12,00	250

ARVUL

Vulcanized EPDM-steel washer

METAL



ARVUL

ATLANTIS C2-M coating



CODE	SIZE	€/100	WASHER INNER Ø		
ARANE14	P14	2,925	2,5	1.000	12.000
ARANE16	P16	3,272	2,7	1.000	6.000
ARANE18	P18	4,168	3,2	1.000	6.000
ARANE25	P25	7,138	3,3	500	3.000



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZARANE14	P14	1,857	20	10
BZARANE16	P16	1,857	20	10
BZARANE18	P18	1,857	20	10

CODE	SIZE	€/BOX	PCS.	BOXES
VARANE14	P14	3,907	100	8
VARANE16	P16	4,333	100	8
VARANE18	P18	5,683	100	8
VARANE25	P25	10,022	100	8

ARVUL A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	8,302	2,5	1.000	12.000
ARINO16	P16	9,390	2,7	1.000	6.000
ARINO18	P18	11,814	3,2	1.000	6.000
ARINO25	P25	21,843	3,3	500	3.000
ARINOM30	P30	30,529	6,3	500	1.500



* ARINOM30: Specially recommended for MTH-A2, Ø6

ATAP

Nylon cover cap in colours, for hexagonal-head screws



CODE		COLOUR	€/100		
ATAPO08AR	8	RAL 1.001	6,917	1.000	2.000
ATAPO08RC	8	RAL 3.003	6,917	1.000	2.000
ATAPO08RT	8	RAL 3.011	6,917	1.000	2.000
ATAPO08VN	8	RAL 6.028	6,917	1.000	2.000
ATAPO08BP	8	RAL 9.010	6,917	1.000	2.000
ATAPO08NE	8	RAL 9.005	6,917	1.000	2.000
ATAPO08BO	8	RAL 9.002	6,917	1.000	2.000
ATAPO10AR	10	RAL 1.001	6,917	1.000	2.000
ATAPO10RC	10	RAL 3.003	6,917	1.000	2.000
ATAPO10RT	10	RAL 3.011	6,917	1.000	2.000
ATAPO10VN	10	RAL 6.028	6,917	1.000	2.000
ATAPO10BP	10	RAL 9.010	6,917	1.000	2.000
ATAPO10NE	10	RAL 9.005	6,917	1.000	2.000
ATAPO10BO	10	RAL 9.002	6,917	1.000	2.000



SELF-DRILLING, SELFTAPPING AND PVC SCREWS



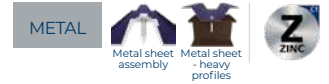
DIN-7504-N HP Panhead self-drilling screw and PH recess

DIN-7504-N HP Z

Zinc-plated. PH recess.



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABR3509	3,5 x 9,5	1,250	PH2	2,8	0,70-2,25	1.000 24.000
ABR3511	3,5 x 11	1,456	PH2	4,2	0,70-2,25	1.000 24.000
ABR3513	3,5 x 13	1,518	PH2	6,2	0,70-2,25	1.000 24.000
ABR3516	3,5 x 16	1,621	PH2	9,2	0,70-2,25	1.000 16.000
ABR3519	3,5 x 19	1,734	PH2	12,1	0,70-2,25	1.000 12.000
ABR3522	3,5 x 22	1,940	PH2	15,1	0,70-2,25	1.000 12.000
ABR3525	3,5 x 25	2,178	PH2	18,1	0,70-2,25	500 12.000
ABR3532	3,5 x 32	2,728	PH2	25,1	0,70-2,25	500 6.000
ABR3913	3,9 x 13	1,819	PH2	5,8	0,70-2,40	1.000 16.000
ABR3916	3,9 x 16	1,954	PH2	8,8	0,70-2,40	1.000 12.000
ABR3919	3,9 x 19	2,174	PH2	11,7	0,70-2,40	1.000 12.000
ABR3925	3,9 x 25	2,673	PH2	17,7	0,70-2,40	500 8.000
ABR3932	3,9 x 32	3,219	PH2	24,5	0,70-2,40	500 6.000
ABR4213	4,2 x 13	1,932	PH2	4,3	1,75-3,00	1.000 12.000
ABR4216	4,2 x 16	2,116	PH2	7,3	1,75-3,00	1.000 12.000
ABR4219	4,2 x 19	2,398	PH2	10,3	1,75-3,00	1.000 12.000
ABR4222	4,2 x 22	2,728	PH2	13,3	1,75-3,00	500 8.000
ABR4225	4,2 x 25	2,831	PH2	17,7	1,75-3,00	500 6.000
ABR4232	4,2 x 32	3,318	PH2	24,5	1,75-3,00	500 6.000
ABR4238	4,2 x 38	3,898	PH2	30,5	1,75-3,00	500 6.000
ABR4250	4,2 x 50	4,972	PH2	41	1,75-3,00	500 3.000
ABR4813	4,8 x 13	2,790	PH2	3,7	1,75-4,40	1.000 8.000

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABR4816	4,8 x 16	2,985	PH2	5,5	1,75-4,40	1.000 8.000
ABR4819	4,8 x 19	3,293	PH2	10,3	1,75-4,40	1.000 8.000
ABR4822	4,8 x 22	3,824	PH2	11,7	1,75-4,40	500 6.000
ABR4825	4,8 x 25	3,898	PH2	14,7	1,75-4,40	500 6.000
ABR4832	4,8 x 32	4,539	PH2	21,5	1,75-4,40	500 6.000
ABR4838	4,8 x 38	5,148	PH2	27,5	1,75-4,40	500 3.000
ABR4845	4,8 x 45	5,988	PH2	34,5	1,75-4,40	500 3.000
ABR4850	4,8 x 50	6,853	PH2	39,5	1,75-4,40	500 3.000
ABR4860	4,8 x 60	9,156	PH2	49,5	1,75-4,40	500 2.000
ABR4880	4,8 x 80	11,957	PH2	69,5	1,75-4,40	250 1.500
ABR4890	4,8 x 90	18,836	PH2	79,5	1,75-4,40	100 1.200
ABR4810	4,8 x 100	21,252	PH2	89,5	1,75-4,40	100 1.200
ABR4811	4,8 x 110	21,982	PH2	-	1,75-4,40	100 1.200
ABR4812	4,8 x 120	22,645	PH2	-	1,75-4,40	100 1.200
ABR5519	5,5 x 19	4,627	PH3	8,7	1,75-5,25	500 6.000
ABR5522	5,5 x 22	4,990	PH3	11,7	1,75-5,25	500 6.000
ABR5525	5,5 x 25	5,093	PH3	14,7	1,75-5,25	500 4.000
ABR5532	5,5 x 32	6,178	PH3	21,5	1,75-5,25	500 3.000
ABR5538	5,5 x 38	6,945	PH3	27,5	1,75-5,25	500 3.000
ABR5545	5,5 x 45	7,795	PH3	34,5	1,75-5,25	500 3.000
ABR5560	5,5 x 60	10,897	PH3	49,5	1,75-5,25	250 1.500
ABR5573	5,5 x 73	13,141	PH3	62,5	1,75-5,25	250 1.500



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZABR3509	3,5 x 9,5	2,345	40	15
BZABR3513	3,5 x 13	2,345	40	15
BZABR3516	3,5 x 16	2,345	40	15
BZABR4213	4,2 x 13	2,345	40	15
BZABR4216	4,2 x 16	2,345	40	15
BZABR4219	4,2 x 19	2,345	40	15
BZABR4225	4,2 x 25	2,345	20	15
BZABR4232	4,2 x 32	2,345	20	15
BZABR4816	4,8 x 16	2,345	35	15
BZABR4819	4,8 x 19	2,345	35	15
BZABR4825	4,8 x 25	2,345	20	15
BZABR4832	4,8 x 32	2,345	20	15
BZABR4838	4,8 x 38	2,345	20	15
BZABR4845	4,8 x 45	2,345	20	15
BZABR4850	4,8 x 50	2,345	20	15
BZABR4860	4,8 x 60	2,345	20	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VABR3509	3,5 x 9,5	4,644	275	8
VABR3511	3,5 x 11	4,820	250	8
VABR3513	3,5 x 13	5,079	250	8
VABR3516	3,5 x 16	4,936	225	8
VABR3519	3,5 x 19	5,224	225	8
VABR3525	3,5 x 25	5,195	180	8
VABR3913	3,9 x 13	6,030	250	8
VABR3916	3,9 x 16	5,184	200	8
VABR3919	3,9 x 19	5,702	200	8
VABR3925	3,9 x 25	5,317	150	8
VABR3932	3,9 x 32	8,535	200	8
VABR4213	4,2 x 13	5,332	200	8
VABR4216	4,2 x 16	5,670	200	8
VABR4219	4,2 x 19	5,627	175	8
VABR4222	4,2 x 22	6,235	175	8
VABR4225	4,2 x 25	4,741	125	8
VABR4232	4,2 x 32	4,039	90	8
VABR4238	4,2 x 38	3,950	75	8
VABR4250	4,2 x 50	3,603	50	8
VABR4813	4,8 x 13	4,673	125	8
VABR4816	4,8 x 16	4,954	125	8
VABR4819	4,8 x 19	4,784	110	8
VABR4822	4,8 x 22	4,608	90	8
VABR4825	4,8 x 25	4,698	90	8
VABR4832	4,8 x 32	4,561	75	8
VABR4838	4,8 x 38	3,794	55	8
VABR4845	4,8 x 45	4,010	50	8
VABR4850	4,8 x 50	3,675	40	8
VABR4860	4,8 x 60	4,903	40	8
VABR4880	4,8 x 80	4,128	25	8
VABR5532	5,5 x 32	4,133	50	8



Panhead self-drilling screw and PH recess

DIN-7504-N HP

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRA23509	3,5 x 9,5	8,223	PH2	2,85	0,70-2,25	1.000	24.000
ABRA23513	3,5 x 13	9,922	PH2	6,2	0,70-2,25	500	12.000
ABRA23519	3,5 x 19	12,158	PH2	12,1	0,70-2,25	500	12.000
ABRA24213	4,2 x 13	11,620	PH2	4,3	1,75-3,00	500	12.000
ABRA24216	4,2 x 16	13,021	PH2	7,3	1,75-3,00	500	12.000
ABRA24219	4,2 x 19	13,856	PH2	10,3	1,75-3,00	500	12.000
ABRA24225	4,2 x 25	14,553	PH2	16,3	1,75-3,00	250	6.000
ABRA24816	4,8 x 16	18,231	PH2	5,5	1,75-4,40	250	6.000
ABRA24819	4,8 x 19	17,860	PH2	8,7	1,75-4,40	250	6.000
ABRA24825	4,8 x 25	19,843	PH2	14,7	1,75-4,40	250	6.000
ABRA24832	4,8 x 32	23,227	PH2	21,5	1,75-4,40	250	4.000
ABRA24838	4,8 x 38	25,428	PH2	27,5	1,75-4,40	250	3.000
ABRA24850	4,8 x 50	29,435	PH2	39,5	1,75-4,40	250	3.000

DIN-7504-N HP A2

A2 Stainless steel. PH recess.



METAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
NBR3509	3,5 x 9,5	2,064	PH2	2,85	0,70-2,25	1.000	24.000
NBR3513	3,5 x 13	2,567	PH2	6,2	0,70-2,25	1.000	24.000
NBR3516	3,5 x 16	2,633	PH2	9,2	0,70-2,25	1.000	16.000
NBR3519	3,5 x 19	2,908	PH2	12,1	0,70-2,25	1.000	12.000
NBR4213	4,2 x 13	3,036	PH2	4,3	1,75-3,00	1.000	12.000
NBR4216	4,2 x 16	3,362	PH2	7,3	1,75-3,00	1.000	12.000
NBR4219	4,2 x 19	3,777	PH2	10,3	1,75-3,00	1.000	12.000
NBR4225	4,2 x 25	4,660	PH2	16,3	1,75-3,00	500	6.000
NBR4232	4,2 x 32	5,537	PH2	23	1,75-3,00	500	6.000
NBR4238	4,2 x 38	6,497	PH2	29	1,75-3,00	500	6.000
NBR4816	4,8 x 16	4,638	PH2	5,5	1,75-4,40	1.000	8.000
NBR4819	4,8 x 19	5,397	PH2	8,7	1,75-4,40	1.000	8.000
NBR4825	4,8 x 25	6,351	PH2	14,7	1,75-4,40	500	6.000
NBR4832	4,8 x 32	7,711	PH2	21,5	1,75-4,40	500	6.000
NBR4838	4,8 x 38	8,217	PH2	27,5	1,75-4,40	500	3.000
NBR4845	4,8 x 45	9,526	PH2	34,5	1,75-4,40	500	3.000
NBR4850	4,8 x 50	10,333	PH2	39,5	1,75-4,40	500	3.000

DIN-7504-N HP N

Black. PH recess.



For other sizes, contact your sales person for term and price

METAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABR3509BLE	3,5 x 9,5	1,655	PH2	2,85	0,70-2,25	1.000	24.000
ABR3513BLE	3,5 x 13	4,559	PH2	6,2	0,70-2,25	1.000	24.000
ABR3516BLE	3,5 x 16	5,129	PH2	9,2	0,70-2,25	1.000	16.000
ABR4213BLE	4,2x 13	5,967	PH2	4,3	1,75-3,00	1.000	12.000
ABR4216BLE	4,2 x 16	6,623	PH2	7,3	1,75-3,00	1.000	12.000
ABR4219BLE	4,2 x 19	6,654	PH2	10,3	1,75-3,00	1.000	12.000
ABR4825BLE	4,8 x 25	9,541	PH2	14,7	1,75-4,40	500	6.000

DIN-7504-N HP B

White. PH recess.



For other sizes, contact your sales person for term and price

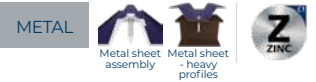
NEW

DIN-7504-N HT

Panhead self-drilling screw. TX/OXBIT recess



FREE - 1 OXBIT bit in each box



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRT3509	3,5 x 9,5	1,580	TX15/ OXBIT15	2,8	0,70-2,25	1.000 24.000
ABRT3513	3,5 x 13	1,848	TX15/ OXBIT15	6,2	0,70-2,25	1.000 24.000
ABRT3516	3,5 x 16	1,972	TX15/ OXBIT15	9,2	0,70-2,25	1.000 16.000
ABRT3519	3,5 x 19	2,108	TX15/ OXBIT15	12,1	0,70-2,25	1.000 12.000
ABRT3913	3,9 x 13	2,211	TX15/ OXBIT15	15,1	0,70-2,25	1.000 16.000
ABRT3916	3,9 x 16	2,375	TX15/ OXBIT15	18,1	0,70-2,25	1.000 12.000
ABRT3919	3,9 x 19	2,643	TX15/ OXBIT15	25,1	0,70-2,25	1.000 12.000
ABRT3925	3,9 x 25	3,249	TX15/ OXBIT15	17,7	0,70-2,40	500 8.000
ABRT4213	4,2 x 13	2,350	TX20/ OXBIT20	4,3	1,75-3,00	1.000 12.000
ABRT4216	4,2 x 16	2,572	TX20/ OXBIT20	7,3	1,75-3,00	1.000 12.000
ABRT4219	4,2 x 19	2,918	TX20/ OXBIT20	10,3	1,75-3,00	1.000 12.000
ABRT4225	4,2 x 25	3,442	TX20/ OXBIT20	17,7	1,75-3,00	500 6.000
ABRT4232	4,2 x 32	4,034	TX20/ OXBIT20	24,5	1,75-3,00	500 6.000
ABRT4238	4,2 x 38	4,740	TX20/ OXBIT20	30,5	1,75-3,00	500 6.000
ABRT4250	4,2 x 50	5,803	TX20/ OXBIT20	41	1,75-3,00	500 3.000
ABRT4813	4,8 x 13	3,260	TX25/ OXBIT25	3,7	1,75-4,40	1.000 8.000
ABRT4816	4,8 x 16	3,485	TX25/ OXBIT25	5,5	1,75-4,40	1.000 8.000
ABRT4819	4,8 x 19	3,845	TX25/ OXBIT25	10,3	1,75-4,40	1.000 8.000

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRT4825	4,8 x 25	4,551	TX25/ OXBIT25	14,7	1,75-4,40	500 6.000
ABRT4832	4,8 x 32	5,300	TX25/ OXBIT25	21,5	1,75-4,40	500 6.000
ABRT4838	4,8 x 38	6,010	TX25/ OXBIT25	27,5	1,75-4,40	500 3.000
ABRT4845	4,8 x 45	6,916	TX25/ OXBIT25	34,5	1,75-4,40	500 3.000
ABRT4850	4,8 x 50	8,000	TX25/ OXBIT25	39,5	1,75-4,40	500 3.000
ABRT4860	4,8 x 60	10,686	TX25/ OXBIT25	49,5	1,75-4,40	500 2.000
ABRT4880	4,8 x 80	13,956	TX25/ OXBIT25	69,5	1,75-4,40	250 1.500
ABRT4890	4,8 x 90	21,985	TX25/ OXBIT25	79,5	1,75-4,40	100 1.200
ABRT4810	4,8 x 100	24,806	TX25/ OXBIT25	89,5	1,75-4,40	100 1.200
ABRT4811	4,8 x 110	25,659	TX25/ OXBIT25	-	1,75-4,40	100 1.200
ABRT4812	4,8 x 120	26,433	TX25/ OXBIT25	-	1,75-4,40	100 1.200
ABRT5519	5,5 x 19	5,400	TX25/ OXBIT25	8,7	1,75-5,25	500 6.000
ABRT5525	5,5 x 25	5,946	TX25/ OXBIT25	14,7	1,75-5,25	500 4.000
ABRT5532	5,5 x 32	7,212	TX25/ OXBIT25	21,5	1,75-5,25	500 3.000
ABRT5538	5,5 x 38	8,107	TX25/ OXBIT25	27,5	1,75-5,25	500 3.000
ABRT5560	5,5 x 60	12,719	TX25/ OXBIT25	49,5	1,75-5,25	250 1.500
ABRT5573	5,5 x 73	15,340	TX25/ OXBIT25	62,5	1,75-5,25	250 1.500

DIN-7504-N HC

Panhead self-drilling screw and square recess



FREE - 1 bit inside each box



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRC3509	3,5 x 9,5	1,313	PC1	2,85	0,70-2,25	1.000 24.000
ABRC3513	3,5 x 13	1,595	PC1	6,2	0,70-2,25	1.000 24.000
ABRC3516	3,5 x 16	1,701	PC1	9,2	0,70-2,25	1.000 16.000
ABRC3519	3,5 x 19	1,822	PC1	12,1	0,70-2,25	1.000 12.000
ABRC3913	3,9 x 13	1,910	PC1	5,8	0,70-2,40	1.000 16.000
ABRC3916	3,9 x 16	2,053	PC1	8,8	0,70-2,40	1.000 12.000
ABRC3919	3,9 x 19	2,284	PC1	11,7	0,70-2,40	1.000 12.000
ABRC3925	3,9 x 25	2,809	PC1	17,7	0,70-2,40	500 8.000
ABRC3938	3,9 x 38	3,109	PC1	30,5	0,70-2,40	500 6.000
ABRC4213	4,2 x 13	2,028	PC2	4,3	1,75-3,00	1.000 12.000
ABRC4216	4,2 x 16	2,222	PC2	7,3	1,75-3,00	1.000 12.000
ABRC4219	4,2 x 19	2,519	PC2	10,3	1,75-3,00	1.000 12.000
ABRC4225	4,2 x 25	2,974	PC2	16,3	1,75-3,00	500 6.000
ABRC4232	4,2 x 32	3,483	PC2	23	1,75-3,00	500 6.000

CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRC4238	4,2 x 38	4,092	PC2	29	1,75-3,00	500 6.000
ABRC4816	4,8 x 16	3,135	PC2	5,5	1,75-4,40	1.000 8.000
ABRC4819	4,8 x 19	3,458	PC2	8,7	1,75-4,40	1.000 8.000
ABRC4825	4,8 x 25	4,092	PC2	14,7	1,75-4,40	500 6.000
ABRC4832	4,8 x 32	4,767	PC2	21,5	1,75-4,40	500 6.000
ABRC4838	4,8 x 38	5,405	PC2	27,5	1,75-4,40	500 3.000
ABRC4845	4,8 x 45	6,288	PC2	34,5	1,75-4,40	500 3.000
ABRC4850	4,8 x 50	7,198	PC2	39,5	1,75-4,40	500 3.000
ABRC4860	4,8 x 60	9,614	PC2	49,5	1,75-4,40	500 2.000
ABRC4880	4,8 x 80	12,555	PC2	69,5	1,75-4,40	250 1.500
ABRC4890	4,8 x 90	19,778	PC2	79,5	1,75-4,40	100 1.200
ABRC4810	4,8 x 100	22,315	PC2	89,5	1,75-4,40	100 1.200
ABRC5525	5,5 x 25	5,350	PC3	13	1,75-5,25	500 4.000
ABRC5573	5,5 x 73	13,798	PC3	61	1,75-5,25	250 1.500

• Availability: end of stock

COLOUR LAQUERED SCREW FIXINGS

FURTHER INFORMATION ON PAGE 162



ONLY HEAD



COMPLETE
SCREW



Countersunk head self-drilling screw and PH recess

DIN-7504-P HP



DIN-7504-P HP Z

Zinc-plated. PH recess.

CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABP3509	3,5 x 9,5	1,727	PH2	2,85	0,70-2,25	1.000	24.000
ABP3511	3,5 x 11	1,401	PH2	4,2	0,70-2,25	1.000	24.000
ABP3513	3,5 x 13	1,415	PH2	6,2	0,70-2,25	1.000	24.000
ABP3516	3,5 x 16	1,562	PH2	9,2	0,70-2,25	1.000	24.000
ABP3519	3,5 x 19	1,855	PH2	12,1	0,70-2,25	1.000	12.000
ABP3522	3,5 x 22	2,112	PH2	15,1	0,70-2,25	1.000	12.000
ABP3525	3,5 x 25	2,108	PH2	18,1	0,70-2,25	500	12.000
ABP3913	3,9 x 13	1,628	PH2	5,8	0,70-2,40	1.000	24.000
ABP3916	3,9 x 16	1,808	PH2	8,8	0,70-2,40	1.000	12.000
ABP3919	3,9 x 19	2,050	PH2	11,7	0,70-2,40	1.000	12.000
ABP3922	3,9 x 22	2,303	PH2	14,7	0,70-2,40	500	12.000
ABP3925	3,9 x 25	2,310	PH2	17,7	0,70-2,40	500	12.000
ABP3932	3,9 x 32	2,779	PH2	24,5	0,70-2,40	500	6.000
ABP3938	3,9 x 38	3,252	PH2	30,5	0,70-2,40	500	6.000
ABP4213	4,2 x 13	1,826	PH2	4,3	1,75-3,00	1.000	12.000
ABP4216	4,2 x 16	2,050	PH2	7,3	1,75-3,00	1.000	12.000
ABP4219	4,2 x 19	2,222	PH2	10,3	1,75-3,00	1.000	12.000
ABP4222	4,2 x 22	2,457	PH2	13,3	1,75-3,00	500	12.000
ABP4225	4,2 x 25	2,779	PH2	16,3	1,75-3,00	500	6.000
ABP4232	4,2 x 32	3,208	PH2	23	1,75-3,00	500	6.000
ABP4238	4,2 x 38	3,817	PH2	29	1,75-3,00	500	6.000
ABP4813	4,8 x 13	2,515	PH2	3,7	1,75-4,40	1.000	12.000
ABP4816	4,8 x 16	2,724	PH2	5,5	1,75-4,40	1.000	12.000
ABP4819	4,8 x 19	2,878	PH2	8,7	1,75-4,40	1.000	8.000
ABP4825	4,8 x 25	3,274	PH2	14,7	1,75-4,40	500	6.000
ABP4832	4,8 x 32	4,319	PH2	21,5	1,75-4,40	500	6.000
ABP4838	4,8 x 38	4,990	PH2	27,5	1,75-4,40	500	3.000
ABP4850	4,8 x 50	6,259	PH2	39,5	1,75-4,40	500	3.000
ABP5519	5,5 x 19	4,162	PH3	8,7	1,75-5,25	500	6.000
ABP5525	5,5 x 25	4,671	PH3	14,7	1,75-5,25	500	6.000
ABP5532	5,5 x 32	5,889	PH3	21,5	1,75-5,25	500	3.000
ABP5538	5,5 x 38	6,651	PH3	27,5	1,75-5,25	500	3.000
ABP5550	5,5 x 50	8,551	PH3	39,5	1,75-5,25	500	3.000



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZABP3513	3,5 x 13	2,345	40	20
BZABP3516	3,5 x 16	2,345	40	20
BZABP4219	4,2 x 19	2,345	40	20
BZABP4225	4,2 x 25	2,345	20	20
BZABP4232	4,2 x 32	2,345	20	20

CODE	SIZE	€/BOX	PCS.	BOXES
VABP3513	3,5 x 13	4,734	250	8
VABP3516	3,5 x 16	4,706	225	8
VABP3519	3,5 x 19	4,917	200	8
VABP3525	3,5 x 25	5,079	180	8
VABP3913	3,9 x 13	4,366	200	8
VABP3916	3,9 x 16	4,784	200	8
VABP3919	3,9 x 19	4,760	175	8
VABP3925	3,9 x 25	4,633	150	8
VABP3938	3,9 x 38	4,356	100	8
VABP4213	4,2 x 13	4,270	175	8
VABP4216	4,2 x 16	4,760	175	8
VABP4219	4,2 x 19	5,152	175	8
VABP4225	4,2 x 25	4,644	125	8
VABP4232	4,2 x 32	3,917	90	8
VABP4238	4,2 x 38	3,816	75	8
VABP4816	4,8 x 16	4,558	125	8
VABP4819	4,8 x 19	3,932	100	8
VABP4825	4,8 x 25	3,945	90	8
VABP4832	4,8 x 32	4,382	75	8
VABP4838	4,8 x 38	5,108	75	8
VABP5532	5,5 x 32	3,939	50	8



DIN-7504-P HP N

Black. PH recess.

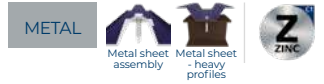
CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
NBP3513	3,5 x 13	2,266	PH2	6,2	0,70-2,25	1.000	24.000
NBP3516	3,5 x 16	2,475	PH2	9,2	0,70-2,25	1.000	24.000
NBP3519	3,5 x 19	2,801	PH2	12,1	0,70-2,25	1.000	12.000
NBP3525	3,5 x 25	3,542	PH2	18,1	0,70-2,25	500	12.000
NBP4216	4,2 x 16	3,084	PH2	7,3	1,75-3,00	1.000	12.000
NBP4219	4,2 x 19	3,762	PH2	10,3	1,75-3,00	1.000	12.000
NBP4225	4,2 x 25	4,272	PH2	16,3	1,75-3,00	500	6.000
NBP4232	4,2 x 32	4,990	PH2	23	1,75-3,00	500	6.000
NBP4238	4,2 x 38	6,673	PH2	29	1,75-3,00	500	6.000
NBP4825	4,8 x 25	6,211	PH2	14,7	1,75-4,40	500	6.000
NBP4832	4,8 x 32	7,491	PH2	21,5	1,75-4,40	500	6.000
NBP4838	4,8 x 38	8,628	PH2	27,5	1,75-4,40	500	3.000
NBP4850	4,8 x 50	10,160	PH2	39,5	1,75-4,40	500	3.000



NEW

DIN-7504-P HT

Countersunk head self-drilling screw. TX/OXBIT recess



FREE - 1 OXBIT bit in each box

CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABPT3513	3,5 x 13	1,719	TX15/OXBIT15	6,2	0,70-2,25	1.000	24.000
ABPT3516	3,5 x 16	1,901	TX15/OXBIT15	9,2	0,70-2,25	1.000	24.000
ABPT3519	3,5 x 19	2,254	TX15/OXBIT15	12,1	0,70-2,25	1.000	12.000
ABPT3913	3,9 x 13	1,980	TX15/OXBIT15	5,8	0,70-2,40	1.000	24.000
ABPT3916	3,9 x 16	2,197	TX15/OXBIT15	8,8	0,70-2,40	1.000	12.000
ABPT4213	4,2 x 13	2,222	TX20/OXBIT20	4,3	1,75-3,00	1.000	12.000
ABPT4216	4,2 x 16	2,493	TX20/OXBIT20	7,3	1,75-3,00	1.000	12.000
ABPT4219	4,2 x 19	2,704	TX20/OXBIT20	10,3	1,75-3,00	1.000	12.000
ABPT4225	4,2 x 25	3,378	TX20/OXBIT20	16,3	1,75-3,00	500	6.000
ABPT4232	4,2 x 32	3,902	TX20/OXBIT20	23	1,75-3,00	500	6.000
ABPT4819	4,8 x 19	3,499	TX25/OXBIT25	8,7	1,75-4,40	1.000	8.000
ABPT4825	4,8 x 25	3,980	TX25/OXBIT25	14,7	1,75-4,40	500	6.000
ABPT4832	4,8 x 32	5,250	TX25/OXBIT25	21,5	1,75-4,40	500	6.000
ABPT4838	4,8 x 38	6,067	TX25/OXBIT25	27,5	1,75-4,40	500	3.000
ABPT4850	4,8 x 50	7,611	TX25/OXBIT25	39,5	1,75-4,40	500	3.000

ABA

Self-drilling screw with two wings drill, countersunk head and PH recess. Zinc plated



Available in different coatings. Ask for price and delivery time.

CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABA4832	4,8 x 32	4,385	PH2	16	1,75-4,00	500	6.000
ABA4838	4,8 x 38	4,950	PH2	22	1,75-4,00	500	6.000
ABA4845	4,8 x 45	5,702	PH2	29	1,75-4,00	500	3.000
ABA4850	4,8 x 50	6,660	PH2	34	1,75-4,00	500	3.000
ABA5538	5,5 x 38	7,578	PH2	19	1,75-5,00	500	3.000
ABA5545	5,5 x 45	7,711	PH2	26	1,75-5,00	500	3.000
ABA5555	5,5 x 55	9,205	PH2	36	1,75-5,00	500	3.000
ABA5565	5,5 x 65	11,178	PH2	46	1,75-5,00	500	2.000
ABA6360	6,3 x 60	14,598	PH2	40	2,50-6,00	250	1.500
ABA6370	6,3 x 70	16,614	PH2	50	2,50-6,00	250	1.500
ABA6385	6,3 x 85	19,940	PH2	65	2,50-6,00	250	1.000

ATA

Self-drilling screw with two wings drill, countersunk head and TX recess. Zinc plated



Available in different coatings. Ask for price and delivery time.

CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ATA4832	4,8 x 32	4,735	TX25	16	1,75-4,00	500	6.000
ATA4838	4,8 x 38	5,342	TX25	22	1,75-4,00	500	6.000
ATA4845	4,8 x 45	6,155	TX25	29	1,75-4,00	500	3.000
ATA4850	4,8 x 50	7,187	TX25	34	1,75-4,00	500	3.000
ATA5538	5,5 x 38	8,180	TX25	19	1,75-5,00	500	3.000
ATA5545	5,5 x 45	8,325	TX25	26	1,75-5,00	500	3.000
ATA5550	5,5 x 50	9,706	TX25	31	1,75-5,00	500	3.000
ATA5555	5,5 x 55	9,936	TX25	36	1,75-5,00	500	2.000
ATA5565	5,5 x 65	12,070	TX25	46	1,75-5,00	500	2.000
ATA6350	6,3 x 50	14,183	TX30	30	2,50-6,00	500	2.000
ATA6360	6,3 x 60	15,759	TX30	40	2,50-6,00	250	1.500
ATA6370	6,3 x 70	17,939	TX30	80	2,50-6,00	250	1.500
ATA6385	6,3 x 85	21,529	TX30	65	2,50-6,00	250	1.000
ATA6310	6,3 x 100	31,023	TX30	80	2,50-6,00	250	750



Self-drilling screw, blind-rivet head and PH recess. Zinc plated

RS



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
RSZ3509	3,5 x 9	3,420	PH2	2,8	0,75 - 2,25	500	22.500
RSZ3513	3,5 x 13	3,744	PH2	6,2	0,75 - 2,25	500	22.500
RSZ3516	3,5 x 16	4,140	PH2	9,2	0,75 - 2,25	500	22.500
RSZ4213	4,2 x 13	4,799	PH2	4,3	1,75 - 3,00	500	22.500
RSZ4216	4,2 x 16	4,997	PH2	7,3	1,75 - 3,00	500	12.000
RSZ4219	4,2 x 19	5,756	PH2	10,3	1,75 - 3,00	500	12.000
RSZ4225	4,2 x 25	7,481	PH2	16,3	1,75 - 3,00	250	6.000
RSZ4232	4,2 x 32	7,816	PH2	23	1,75 - 3,00	250	6.000
RSZ4813	4,8 x 13	7,186	PH2	3,7	1,75 - 4,4	500	12.000
RSZ4816	4,8 x 16	7,394	PH2	5,5	1,75 - 4,4	250	11.250
RSZ4819	4,8 x 19	8,388	PH2	8,7	1,75 - 4,4	250	11.250
RSZ4825	4,8 x 25	10,181	PH2	14,7	1,75 - 4,4	250	6.000
RSZ4832	4,8 x 32	10,854	PH2	21,5	1,75 - 4,4	250	3.000
RSZ4838	4,8 x 38	12,355	PH2	27,5	1,75 - 4,4	250	3.000



PATENTED



Available in different coatings.
Ask for price and delivery time.

Extra low head self-drilling screw and PH recess

BCP



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPZ4214	4,2 x 14	2,232	PH2	6	0,70-2,00	500	12.000
BCPZ4223	4,2 x 23	3,306	PH2	15	0,70-2,00	500	12.000

BCP Z

Zinc-plated. PH recess.



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPA24214	4,2 x 14	18,724	PH2	6	0,70-2,00	500	12.000

BCP A2

A2 Stainless steel. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPN4214	4,2 x 14	3,365	PH2	6	0,70-2,00	500	12.000
BCPN4223	4,2 x 23	4,978	PH2	15	0,70-2,00	500	12.000

BCP N

Black. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPB4214	4,2 x 14	5,335	PH2	6	0,70-2,00	500	12.000
BCPB4223	4,2 x 23	8,037	PH2	15	0,70-2,00	500	12.000

BCP B

White. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPZ4214BL	4,2 x 14	9,160	PH2	6	0,70-2,00	500	22.500
BCPZ4223BL	4,2 x 23	11,498	PH2	15	0,70-2,00	500	12.000

BCP CB

White lacquered head. PH recess.



TAE

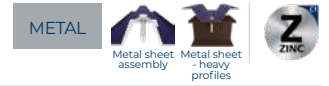
Extra low panhead self-drilling screw, PH recess and stamped washer

TAEZ

Zinc-plated. PH recess.



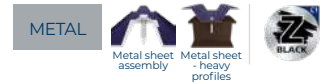
Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
TAEZ4213	4,2 x 13	3,487	PH2	4,3	0,75 - 2,50	500	12.000
TAEZ4216	4,2 x 16	3,851	PH2	7,3	0,75 - 2,50	500	8.000
TAEZ4219	4,2 x 19	4,293	PH2	10,3	0,75 - 2,50	500	6.000
TAEZ4225	4,2 x 25	4,392	PH2	16,3	0,75 - 2,50	500	6.000
TAEZ4232	4,2 x 32	5,042	PH2	23	0,75 - 2,50	500	6.000

TAEN

Black. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
TAEN4213	4,2 x 13	5,996	PH2	4,3	0,75 - 2,50	500	12.000
TAEN4216	4,2 x 16	6,406	PH2	7,3	0,75 - 2,50	500	8.000
TAEN4219	4,2 x 19	7,812	PH2	10,3	0,75 - 2,50	500	6.000
TAEN4225	4,2 x 25	9,300	PH2	16,3	0,75 - 2,50	500	6.000
TAEN4232	4,2 x 32	10,625	PH2	23	0,75 - 2,50	500	6.000

DIN-7981 HP

Panhead self-tapping screw, PH recess.

DIN-7981 HP Z

Zinc-plated. PH recess.



P162
Available in different colours



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100				CODE	SIZE	€/100			
T8129006	2,9 x 6,5	0,950	PH1	1.000	45.000	T8148025	4,8 x 25	3,960	PH2	250	6.000
T8129009	2,9 x 9,5	0,983	PH1	1.000	30.000	T8148032	4,8 x 32	4,286	PH2	250	4.000
T8129013	2,9 x 13	1,126	PH1	1.000	24.000	T8148038	4,8 x 38	5,207	PH2	250	3.000
T8129016	2,9 x 16	1,261	PH1	1.000	24.000	T8148045	4,8 x 45	5,793	PH2	250	3.000
T8129019	2,9 x 19	1,368	PH1	1.000	24.000	T8148050	4,8 x 50	6,420	PH2	250	3.000
T8129022	2,9 x 22	1,459	PH1	1.000	12.000	T8148060	4,8 x 60	8,085	PH2	250	1.500
T8129025	2,9 x 25	1,764	PH1	500	12.000	T8148070	4,8 x 70	9,614	PH2	100	1.200
T8135006	3,5 x 6,5	1,126	PH2	1.000	24.000	T8148080	4,8 x 80	11,803	PH2	100	1.200
T8135009	3,5 x 9,5	1,133	PH2	1.000	24.000	T8148090	4,8 x 90	13,673	PH2	100	1.200
T8135013	3,5 x 13	1,375	PH2	500	15.000	T8148100	4,8 x 100	14,872	PH2	100	1.200
T8135016	3,5 x 16	1,525	PH2	500	12.000	T8148110	4,8 x 110	18,667	PH2	100	1.200
T8135019	3,5 x 19	1,738	PH2	500	12.000	T8148120	4,8 x 120	22,040	PH2	100	1.200
T8135025	3,5 x 25	2,273	PH2	250	6.000	T8155013	5,5 x 13	3,799	PH3	250	6.000
T8135032	3,5 x 32	2,710	PH2	250	6.000	T8155016	5,5 x 16	3,887	PH3	250	6.000
T8139009	3,9 x 9,5	1,412	PH2	500	15.000	T8155019	5,5 x 19	4,253	PH3	250	6.000
T8139013	3,9 x 13	1,679	PH2	500	12.000	T8155022	5,5 x 22	4,928	PH3	250	4.000
T8139016	3,9 x 16	1,859	PH2	500	12.000	T8155025	5,5 x 25	5,174	PH3	250	4.000
T8139019	3,9 x 19	2,130	PH2	500	12.000	T8155032	5,5 x 32	5,947	PH3	250	3.000
T8139022	3,9 x 22	2,273	PH2	250	6.000	T8155038	5,5 x 38	6,644	PH3	250	3.000
T8139025	3,9 x 25	2,581	PH2	250	6.000	T8155045	5,5 x 45	7,605	PH3	250	3.000
T8139032	3,9 x 32	2,966	PH2	250	6.000	T8155050	5,5 x 50	8,312	PH3	250	1.500
T8139038	3,9 x 38	3,472	PH2	250	6.000	T8155060	5,5 x 60	10,512	PH3	100	1.200
T8139045	3,9 x 45	4,184	PH2	250	3.000	T8155070	5,5 x 70	11,462	PH3	100	1.200
T8139050	3,9 x 50	4,646	PH2	250	3.000	T8155080	5,5 x 80	14,293	PH3	100	1.200
T8142009	4,2 x 9,5	1,778	PH2	500	12.000	T8155090	5,5 x 90	16,727	PH3	100	1.200
T8142013	4,2 x 13	1,881	PH2	500	12.000	T8155100	5,5 x 100	19,547	PH3	100	1.200
T8142016	4,2 x 16	2,160	PH2	500	12.000	T8155110	5,5 x 110	23,676	PH3	100	1.200
T8142019	4,2 x 19	2,244	PH2	500	8.000	T8155120	5,5 x 120	25,469	PH3	100	1.200
T8142022	4,2 x 22	2,838	PH2	250	6.000	T8163016	6,3 x 16	5,320	PH3	250	4.000
T8142025	4,2 x 25	2,849	PH2	250	6.000	T8163019	6,3 x 19	5,881	PH3	250	3.000
T8142032	4,2 x 32	3,333	PH2	250	6.000	T8163022	6,3 x 22	6,303	PH3	250	3.000
T8142038	4,2 x 38	3,901	PH2	250	3.000	T8163025	6,3 x 25	6,600	PH3	250	3.000
T8142045	4,2 x 45	4,462	PH2	250	3.000	T8163032	6,3 x 32	8,411	PH3	250	3.000
T8142050	4,2 x 50	4,719	PH2	250	3.000	T8163038	6,3 x 38	9,339	PH3	250	1.500
T8142060	4,2 x 60	6,479	PH2	250	3.000	T8163045	6,3 x 45	10,476	PH3	250	1.500
T8142070	4,2 x 70	7,275	PH2	250	1.500	T8163050	6,3 x 50	12,155	PH3	250	1.500
T8142080	4,2 x 80	8,664	PH2	250	1.500	T8163060	6,3 x 60	13,790	PH3	100	1.200
T8142090	4,2 x 90	10,604	PH2	250	1.500	T8163070	6,3 x 70	15,686	PH3	100	1.200
T8148009	4,8 x 9,5	2,482	PH2	500	12.000	T8163080	6,3 x 80	19,404	PH3	100	1.200
T8148013	4,8 x 13	2,490	PH2	500	8.000	T8163090	6,3 x 90	25,307	PH3	50	600
T8148016	4,8 x 16	2,787	PH2	250	6.000	T8163100	6,3 x 100	29,267	PH3	50	600
T8148019	4,8 x 19	3,450	PH2	250	6.000	T8163110	6,3 x 110	32,102	PH3	50	600
T8148022	4,8 x 22	3,637	PH2	250	6.000	T8163120	6,3 x 120	34,441	PH3	50	600



BLISTER and WINDOW BOX
Next page



Panhead self-tapping screw, PH recess.

DIN-7981 HP



Blister

CODE	SIZE	€/BAG	PCS. B	BAGS
BZT8135009	3,5 x 9,5	1,857	40	20
BZT8135013	3,5 x 13	1,857	20	20
BZT8135016	3,5 x 16	1,857	20	20
BZT8135019	3,5 x 19	1,857	20	20
BZT8139013	3,9 x 13	1,857	20	20
BZT8139016	3,9 x 16	1,857	20	20
BZT8139019	3,9 x 19	1,857	20	20
BZT8139025	3,9 x 25	1,857	10	20
BZT8139032	3,9 x 32	1,857	10	20
BZT8142009	4,2 x 9,5	1,857	20	20
BZT8142013	4,2 x 13	1,857	20	20
BZT8142016	4,2 x 16	1,857	20	20
BZT8142019	4,2 x 19	1,857	20	20
BZT8142025	4,2 x 25	1,857	10	20
BZT8142032	4,2 x 32	1,857	10	20
BZT8142038	4,2 x 38	1,857	10	20
BZT8148016	4,8 x 16	1,857	10	20
BZT8148019	4,8 x 19	1,857	10	20
BZT8148025	4,8 x 25	1,857	10	20
BZT8148032	4,8 x 32	1,857	10	20
BZT8148038	4,8 x 38	1,857	10	20
BZT8148050	4,8 x 50	1,857	10	20
BZT8148060	4,8 x 60	1,857	10	20
BZT8155025	5,5 x 25	1,857	10	20
BZT8155032	5,5 x 32	1,857	10	20
BZT8155038	5,5 x 38	1,857	10	20
BZT8155050	5,5 x 50	1,857	10	20



Window Box

CODE	SIZE	€/BOX	PCS. B	BOXES
VT8135009	3,5 x 9,5	4,122	250	8
VT8135013	3,5 x 13	4,050	200	8
VT8135016	3,5 x 16	4,464	200	8
VT8135019	3,5 x 19	4,946	200	8
VT8135025	3,5 x 25	6,693	200	8
VT8139009	3,9 x 9,5	4,355	200	8
VT8139013	3,9 x 13	4,870	200	8
VT8139016	3,9 x 16	5,360	200	8
VT8139019	3,9 x 19	4,705	150	8
VT8139022	3,9 x 22	3,670	100	8
VT8139025	3,9 x 25	3,913	100	8
VT8142009	4,2 x 9,5	5,246	200	8
VT8142013	4,2 x 13	5,338	200	8
VT8142016	4,2 x 16	6,480	200	8
VT8142019	4,2 x 19	5,054	150	8
VT8142022	4,2 x 22	4,180	100	8
VT8142025	4,2 x 25	4,118	100	8
VT8142032	4,2 x 32	4,857	100	8
VT8142038	4,2 x 38	4,291	75	8
VT8142050	4,2 x 50	3,696	50	8
VT8148009	4,8 x 9,5	5,141	150	8
VT8148013	4,8 x 13	5,354	150	8
VT8148016	4,8 x 16	4,096	100	8
VT8148019	4,8 x 19	4,658	100	8
VT8148025	4,8 x 25	5,533	100	8
VT8148032	4,8 x 32	6,073	100	8
VT8148038	4,8 x 38	7,676	100	8
VT8148045	4,8 x 45	6,066	70	8
VT8148050	4,8 x 50	4,730	50	8
VT8148060	4,8 x 60	5,958	50	8
VT8148070	4,8 x 70	5,670	40	8
VT8148080	4,8 x 80	4,451	25	8
VT8155019	5,5 x 19	6,178	100	8
VT8155025	5,5 x 25	6,750	90	8
VT8155032	5,5 x 32	8,662	100	8
VT8155038	5,5 x 38	7,416	75	8

DIN-7981 HP Z

Zinc-plated. PH recess.



P:162

Available in different colours



Available in different coatings.
Ask for price and delivery time.



PROFESSIONAL BOX
Previous page



CODE	SIZE	€/100	PH2	1.000	24.000
T813509BLE	3,5 x 9,5	3,626	PH2	1.000	24.000
T814213BLE	4,2 x 13	5,768	PH2	500	12.000
T814225BLE	4,2 x 25	9,040	PH2	250	6.000

DIN-7981 HP B

White. PH recess.



CODE	SIZE	€/100	PH1	PH2	1.000	30.000
TZN812909	2,9 x 9,5	1,657	PH1		1.000	30.000
TZN813513	3,5 x 13	2,229	PH2		500	15.000
TZN813516	3,5 x 16	2,728	PH2		500	12.000
TZN813519	3,5 x 19	3,098	PH2		500	12.000
TZN813525	3,5 x 25	4,209	PH2		250	6.000
TZN814216	4,2 x 16	3,564	PH2		500	12.000
TZN814219	4,2 x 19	3,861	PH2		500	8.000
TZN814225	4,2 x 25	4,330	PH2		250	6.000
TZN814232	4,2 x 32	6,079	PH2		250	6.000
TZN814238	4,2 x 38	6,882	PH2		250	3.000
TZN814816	4,8 x 16	4,968	PH2		250	6.000
TZN814819	4,8 x 19	5,478	PH2		250	6.000
TZN814822	4,8 x 22	5,823	PH2		250	6.000
TZN814825	4,8 x 25	5,775	PH2		250	6.000
TZN814838	4,8 x 38	8,499	PH2		250	3.000
TZN814850	4,8 x 50	12,104	PH2		250	3.000

DIN-7981 HP N

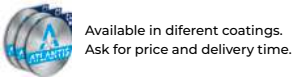
Black. PH recess.



DIN-7982 HP Countersunk head self tapping screw, PH recess

DIN-7982 HP Z

Zinc-plated. PH recess.



CODE	SIZE	€/100			
T8229006	2,9 x 6,5	1,016	PH1	1.000	45.000
T8229009	2,9 x 9,5	0,997	PH1	1.000	45.000
T8229013	2,9 x 13	1,008	PH1	1.000	45.000
T8229016	2,9 x 16	1,041	PH1	1.000	24.000
T8229019	2,9 x 19	1,283	PH1	1.000	24.000
T8229022	2,9 x 22	1,298	PH1	1.000	24.000
T8229025	2,9 x 25	1,624	PH1	500	12.000
T8235009	3,5 x 9,5	1,115	PH2	1.000	24.000
T8235013	3,5 x 13	1,250	PH2	500	22.500
T8235016	3,5 x 16	1,382	PH2	500	22.500
T8235019	3,5 x 19	1,558	PH2	500	12.000
T8235022	3,5 x 22	1,731	PH2	500	12.000
T8235025	3,5 x 25	2,119	PH2	250	11.250
T8235032	3,5 x 32	2,523	PH2	250	6.000
T8235038	3,5 x 38	2,860	PH2	250	6.000
T8239009	3,9 x 9,5	1,368	PH2	500	22.500
T8239013	3,9 x 13	1,437	PH2	500	12.000
T8239016	3,9 x 16	1,661	PH2	500	12.000
T8239019	3,9 x 19	1,830	PH2	500	12.000
T8239022	3,9 x 22	2,277	PH2	250	6.000
T8239025	3,9 x 25	2,479	PH2	250	6.000
T8239032	3,9 x 32	3,003	PH2	250	6.000
T8239038	3,9 x 38	3,282	PH2	250	6.000
T8239045	3,9 x 45	3,799	PH2	250	3.000
T8239050	3,9 x 50	4,455	PH2	250	3.000
T8242013	4,2 x 13	1,606	PH2	500	15.000
T8242016	4,2 x 16	1,782	PH2	500	12.000
T8242019	4,2 x 19	2,079	PH2	500	12.000
T8242022	4,2 x 22	2,556	PH2	250	11.250
T8242025	4,2 x 25	2,658	PH2	250	6.000
T8242032	4,2 x 32	3,230	PH2	250	6.000
T8242038	4,2 x 38	3,678	PH2	250	6.000
T8242045	4,2 x 45	4,250	PH2	250	3.000



CODE	SIZE	€/BAG	PCS. 	BAGS
BZT8242019	4,2 x 19	1,857	20	20
BZT8242025	4,2 x 25	1,857	10	20
BZT8248025	4,8 x 25	1,857	10	20
BZT8248038	4,8 x 38	1,857	10	20

CODE	SIZE	€/100			
T8242050	4,2 x 50	4,836	PH2	250	3.000
T8242060	4,2 x 60	5,995	PH2	250	3.000
T8242070	4,2 x 70	7,238	PH2	250	3.000
T8248013	4,8 x 13	2,196	PH2	500	12.000
T8248016	4,8 x 16	2,504	PH2	250	11.250
T8248019	4,8 x 19	3,018	PH2	250	6.000
T8248022	4,8 x 22	3,241	PH2	250	6.000
T8248025	4,8 x 25	3,678	PH2	250	6.000
T8248032	4,8 x 32	4,107	PH2	250	6.000
T8248038	4,8 x 38	5,031	PH2	250	3.000
T8248045	4,8 x 45	5,680	PH2	250	3.000
T8248050	4,8 x 50	6,787	PH2	250	3.000
T8248060	4,8 x 60	7,726	PH2	250	1.500
T8248070	4,8 x 70	9,453	PH2	100	2.400
T8255013	5,5 x 13	3,084	PH3	250	7.500
T8255016	5,5 x 16	3,458	PH3	250	6.000
T8255019	5,5 x 19	3,901	PH3	250	6.000
T8255022	5,5 x 22	4,543	PH3	250	6.000
T8255025	5,5 x 25	4,792	PH3	250	6.000
T8255032	5,5 x 32	5,639	PH3	250	3.000
T8255038	5,5 x 38	6,292	PH3	250	3.000
T8255045	5,5 x 45	7,476	PH3	250	3.000
T8255050	5,5 x 50	9,181	PH3	250	1.500
T8255060	5,5 x 60	10,633	PH3	100	1.200
T8255070	5,5 x 70	11,961	PH3	100	1.200
T8263025	6,3 x 25	6,824	PH3	250	3.000
T8263032	6,3 x 32	8,602	PH3	250	3.000
T8263038	6,3 x 38	8,884	PH3	250	3.000
T8263045	6,3 x 45	9,038	PH3	250	1.500
T8263050	6,3 x 50	10,835	PH3	250	1.500
T8263060	6,3 x 60	15,136	PH3	100	1.200
T8263070	6,3 x 70	15,829	PH3	100	1.200



CODE	SIZE	€/BOX	PCS. 	BOXES
VT8235009	3,5 x 9,5	4,135	250	8
VT8235013	3,5 x 13	3,596	200	8
VT8235016	3,5 x 16	3,950	200	8
VT8235019	3,5 x 19	4,377	200	8
VT8235025	3,5 x 25	2,970	100	8
VT8239016	3,9 x 16	4,636	200	8
VT8239019	3,9 x 19	5,087	200	8
VT8239022	3,9 x 22	3,531	100	8
VT8239025	3,9 x 25	3,762	100	8
VT8242016	4,2 x 16	4,986	200	8
VT8242019	4,2 x 19	5,713	200	8
VT8242025	4,2 x 25	3,794	100	8
VT8242032	4,2 x 32	4,518	100	8
VT8248019	4,8 x 19	4,166	100	8
VT8248025	4,8 x 25	5,170	100	8
VT8248032	4,8 x 32	5,486	95	8
VT8248038	4,8 x 38	5,659	80	8
VT8255032	5,5 x 32	6,023	75	8
VT8255038	5,5 x 38	6,264	70	8



Extra low head self-tapping screw and PH recess

CP



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCPZ4213	4,2 x 13	1,862	PH2	6	500	12.000
TCPZ4222	4,2 x 22	2,678	PH2	15	500	12.000
TCPZ4232	4,2 x 32	3,567	PH2	25	500	6.000

CP Z

Zinc-plated. PH recess.



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCPA24213	4,2 x 13	8,302	PH2	6	500	12.000
TCPA24222	4,2 x 22	16,107	PH2	15	500	12.000
TCPA24232	4,2 x 32	20,629	PH2	25	500	6.000

CP A2

A2 Stainless steel. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCPB4213	4,2 x 13	5,112	PH2	6	500	12.000
TCPB4222	4,2 x 22	7,876	PH2	15	500	12.000
TCPB4232	4,2 x 32	10,664	PH2	25	500	6.000

CP B

White. PH recess.



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCPN4213	4,2 x 13	2,909	PH2	6	500	12.000
TCPN4222	4,2 x 22	4,375	PH2	15	500	12.000
TCPN4232	4,2 x 32	6,069	PH2	25	500	6.000

CP N

Black. PH recess.



T-CO

Color lacquered screws

PAINTED SCREW (FULL)



DIAMETER	LENGTH	MINIMUM QUANTITY
Min. 2,9 mm - Max. 5,5 mm	Min. 6,5 mm - Max. 32 mm	15 Kgs (*) (* Per size and colour)

Available colours

	RAL 3005 Burgundy red		RAL 9005 Black
	RAL 5009 Blue		RAL 9010 White
	RAL 6005 Moss green		



ASK FOR PRICE AND DELIVERY TIME

PAINTED SCREW (HEAD ONLY)



DIAMETER	LENGTH	MINIMUM QUANTITY
Min. 3,9 mm - Max. 6,3 mm	Min. 13 mm - Max. 90 mm	(*) (* Ask for minimum quantity)

Available colours

	RAL 1000 Bidasoa cream		RAL 7016 Anthracite grey
	RAL 1001 Sand		RAL 7022 Umbra grey
	RAL 1007 Copper		RAL 7024 Graphite grey
	RAL 1011 Brown beige		RAL 7032 Pebble grey
	RAL 1015 Ivory		RAL 7033 Cement grey
	RAL 3002 Carmine red		RAL 7034 Yellow grey
	RAL 3003 Coral red		RAL 7035 Grey
	RAL 3004 Purple red		RAL 8003 Clay brown
	RAL 3005 Burgundy red		RAL 8004 Copper brown
	RAL 3009 Oxide red		RAL 8012 Red brown
	RAL 3011 Tile red		RAL 8014 Sepia brown
	RAL 3020 Traffic red		RAL 8017 Chocolate brown
	RAL 5002 Ultramarine blue		RAL 8019 Grey brown
	RAL 5003 Sapphire blue		RAL 8025 Pale brown
	RAL 5005 Signal blue		RAL 9002 Blue Pyrenean white
	RAL 5008 Grey blue		RAL 9003 Signal white
	RAL 5009 Blue		RAL 9005 Black
	RAL 5010 Gentian blue		RAL 9006 Metallic grey
	RAL 5011 Steel blue		RAL 9007 Grey aluminium
	RAL 5019 Lagoon blue		RAL 9010 White
	RAL 6005 Moss green		RAL 9011 Graphite black
	RAL 6021 Light green		RAL 9016 Traffic white
	RAL 6028 Navarre green		RAL 9018 Oyster white
	RAL 7011 Iron grey		

We offer a wide range of screws, which can be painted on demand in any of the colours available.

144 DIN-7504-K



147 DIN-7504-K RE



152 DIN-7504-N HP



158 DIN-7981 HP



148 AUE






160 DIN-7982 HP



Screws for PVC carpentry

PVC



CODE	SIZE	€/100			
P103930Z	3,9 x 30	2,857	PH2	1.000	12.000
P103938Z	3,9 x 38	3,099	PH2	500	6.000
P103945Z	3,9 x 45	4,002	PH2	500	3.000




PVC-10 Z

Zinc-plated, head diameter 7,5mm



Available in diferent coatings.
Ask for price and delivery time.






CODE	SIZE	€/100			
P204325	4,3 x 25	2,368	PH2	1.000	12.000
P204330	4,3 x 30	2,575	PH2	1.000	6.000
P204338	4,3 x 38	3,231	PH2	500	6.000
P204345	4,3 x 45	3,656	PH2	500	3.000
P204355	4,3 x 55	4,458	PH2	500	3.000

PVC-20 B

Yellow zinc-plated, head diameter 7 mm



CODE	SIZE	€/100			
P204316Z	4,3 x 16	1,844	PH2	1.000	24.000
P204319Z	4,3 x 19	2,004	PH2	1.000	12.000
P204322Z	4,3 x 22	2,044	PH2	1.000	12.000
P204325Z	4,3 x 25	2,368	PH2	1.000	12.000
P204330Z	4,3 x 30	2,575	PH2	1.000	6.000
P204338Z	4,3 x 38	3,231	PH2	500	6.000
P204345Z	4,3 x 45	3,649	PH2	500	3.000
P204355Z	4,3 x 55	4,458	PH2	500	3.000




PVC-20 Z

Zinc-plated, head diameter 7 mm



Available in diferent coatings.
Ask for price and delivery time.






CODE	SIZE	€/100			
P304825	4,8 x 25	4,844	PH2	500	6.000
P304838	4,8 x 38	6,844	PH2	500	6.000

PVC-30

Zinc Plated. Repair screw, head diamemter 7,5 mm



CODE	SIZE	€/100			
P403916	3,9 x 16	2,322	PH2	1.000	16.000
P403919	3,9 x 19	2,482	PH2	1.000	12.000
P403925	3,9 x 25	2,860	PH2	1.000	12.000
P403932	3,9 x 32	3,592	PH2	1.000	6.000
P403938	3,9 x 38	4,030	PH2	500	6.000

PVC-40 B

Yellow zinc-plated, drill point



PVC

Screws for PVC carpentry

PVC-40 Z

Zinc-plated, drill point



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100			
P403913Z	3,9 x 13	1,780	PH2	1.000	24.000
P403916Z	3,9 x 16	2,333	PH2	1.000	16.000
P403919Z	3,9 x 19	2,493	PH2	1.000	12.000
P403925Z	3,9 x 25	2,903	PH2	1.000	12.000
P403932Z	3,9 x 32	3,524	PH2	1.000	6.000
P403938Z	3,9 x 38	3,970	PH2	500	6.000

PVC-50 B

Yellow zinc-plated, metric thread, drill point



CODE	SIZE	€/100			
P50M416	M4 x 16	2,390	PH2	1.000	16.000
P50M419	M4 x 19	2,903	PH2	1.000	12.000
P50M425	M4 x 25	3,435	PH2	1.000	12.000
P50M432	M4 x 32	3,881	PH2	1.000	6.000
P50M438	M4 x 38	4,747	PH2	500	6.000

PVC-50 Z

Zinc-plated, metric thread, drill point



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100			
P50M413Z	M4 x 13	2,229	PH2	1.000	24.000
P50M416Z	M4 x 16	2,390	PH2	1.000	16.000
P50M419Z	M4 x 19	2,889	PH2	1.000	12.000
P50M425Z	M4 x 25	3,435	PH2	1.000	12.000
P50M432Z	M4 x 32	3,881	PH2	1.000	6.000

PVC-70

Yellow zinc-plated, special head for cap



CODE	SIZE	€/100			
P704855	4,8 x 55	8,435	PH2	500	3.000
P704865	4,8 x 65	11,121	PH2	500	2.000
P704880	4,8 x 80	14,028	PH2	250	1.500
P704895	4,8 x 95	19,927	PH2	250	1.500

PVC-70 TP

Black and white nylon cap for PVC-70 screws



CODE	DIAMETER	COLOR	€/100		
P70TPBL	13	2,946	2,753	1.000	24.000
P70TPNG	13	2,946	2,753	1.000	24.000

PVC-90

Yellow zinc plated. Low panhead with washer



CODE	SIZE	€/100			
P903510	3,5 x 10	2,821	PH2	1.000	24.000
P904017	4 x 17	3,699	PH2	1.000	12.000



Screws for PVC carpentry

PVC



CODE	SIZE	€/100			
P100VEK	VEKAPLAST 4,8 x 10	15,087	PH2	500	6.000

PVC-VEK

VEKAPLAST. Special head



Available in diferent coatings.
Ask for price and delivery time.



CODE	SIZE	€/100			
P100VEK13	VEKAPLAST 4 x 10	13,971	PH2	500	12.000

PVC-VEK 13

VEKAPLAST. Special head



CODE	SIZE	€/100		
P100VEK10	VEKAPLAST 4 x 10	12,501	PH2	500

PVC-VEK 10

VEKAPLAST. Special head



CODE	SIZE	€/100			
P100KOM10	KOMMERLING 5,5 x 10	15,465	PH2	500	6.000

PVC-KOM 10

KOMMERLING. Special head



Available in diferent coatings.
Ask for price and delivery time.



WOOD SCREWS



TEX

High-performance chipboard screw

TEX-BP

Yellow zinc-plated. PZ recess



CODE	SIZE	€/100		MIN. ORDER QTY.		
•TEXBP25010	2,5 x 10	1,005	PZ1	2.000	1.000	45.000
•TEXBP25012	2,5 x 12	1,050	PZ1	2.000	1.000	45.000
•TEXBP25016	2,5 x 16	1,183	PZ1	2.000	1.000	45.000
TEXBP25020	2,5 x 20	1,306	PZ1	2.000	1.000	24.000
TEXBP25025	2,5 x 25	1,456	PZ1	2.000	1.000	24.000
•TEXBP30010	3 x 10	1,197	PZ1	2.000	1.000	45.000
•TEXBP30012	3 x 12	1,264	PZ1	2.000	1.000	45.000
•TEXBP30015	3 x 15	1,365	PZ1	2.000	1.000	24.000
•TEXBP30016	3 x 16	1,397	PZ1	2.000	1.000	24.000
•TEXBP30020	3 x 20	1,544	PZ1	2.000	1.000	24.000
TEXBP30025	3 x 25	1,593	PZ1	2.000	1.000	24.000
TEXBP30030	3 x 30	2,153	PZ1	2.000	1.000	12.000
TEXBP30035	3 x 35	2,482	PZ1	2.000	1.000	12.000
TEXBP30040	3 x 40	3,000	PZ1	2.000	1.000	6.000
TEXBP30045	3 x 45	3,273	PZ1	1.000	500	6.000
•TEXBP35010	3,5 x 10	1,316	PZ2	2.000	1.000	24.000
•TEXBP35012	3,5 x 12	1,421	PZ2	2.000	1.000	24.000
•TEXBP35015	3,5 x 15	1,512	PZ2	2.000	1.000	24.000
•TEXBP35016	3,5 x 16	1,645	PZ2	2.000	1.000	24.000
•TEXBP35020	3,5 x 20	1,796	PZ2	2.000	1.000	24.000
TEXBP35025	3,5 x 25	2,076	PZ2	2.000	1.000	12.000
TEXBP35030	3,5 x 30	2,401	PZ2	2.000	1.000	12.000
TEXBP35035	3,5 x 35	3,014	PZ2	2.000	1.000	12.000
TEXBP35040	3,5 x 40	3,119	PZ2	1.000	500	6.000
TEXBP35045	3,5 x 45	4,358	PZ2	1.000	500	6.000
TEXBP35050	3,5 x 50	5,285	PZ2	1.000	500	6.000
•TEXBP40012	4 x 12	1,757	PZ2	2.000	1.000	24.000
•TEXBP40015	4 x 15	1,925	PZ2	2.000	1.000	24.000
•TEXBP40016	4 x 16	1,876	PZ2	2.000	1.000	24.000
•TEXBP40020	4 x 20	2,153	PZ2	2.000	1.000	12.000
•TEXBP40025	4 x 25	2,531	PZ2	2.000	1.000	12.000
TEXBP40030	4 x 30	2,881	PZ2	2.000	1.000	6.000
TEXBP40035	4 x 35	3,182	PZ2	1.000	500	6.000
TEXBP40040	4 x 40	3,486	PZ2	1.000	500	3.000
TEXBP40045	4 x 45	4,351	PZ2	1.000	500	3.000
TEXBP40050	4 x 50	4,372	PZ2	1.000	500	3.000
TEXBP40055	4 x 55	6,034	PZ2	500	250	1.500

CODE	SIZE	€/100		MIN. ORDER QTY.		
TEXBP40060	4 x 60	6,535	PZ2	500	250	3.000
TEXBP40070	4 x 70	7,392	PZ2	500	250	1.500
TEXBP40080	4 x 80	8,656	PZ2	500	250	1.500
•TEXBP45016	4,5 x 16	2,401	PZ2	2.000	1.000	12.000
•TEXBP45020	4,5 x 20	2,758	PZ2	2.000	1.000	12.000
•TEXBP45025	4,5 x 25	3,206	PZ2	2.000	1.000	12.000
•TEXBP45030	4,5 x 30	3,483	PZ2	1.000	500	6.000
TEXBP45035	4,5 x 35	4,095	PZ2	1.000	500	6.000
TEXBP45040	4,5 x 40	4,347	PZ2	1.000	500	3.000
TEXBP45045	4,5 x 45	5,187	PZ2	500	250	3.000
TEXBP45050	4,5 x 50	5,425	PZ2	500	250	3.000
TEXBP45060	4,5 x 60	7,452	PZ2	500	250	1.500
TEXBP45070	4,5 x 70	9,818	PZ2	500	250	1.500
TEXBP45080	4,5 x 80	12,037	PZ2	200	100	1.200
•TEXBP50025	5 x 25	4,316	PZ2	2.000	1.000	6.000
•TEXBP50030	5 x 30	4,512	PZ2	1.000	500	6.000
TEXBP50035	5 x 35	4,830	PZ2	1.000	500	6.000
TEXBP50040	5 x 40	5,299	PZ2	1.000	500	6.000
TEXBP50045	5 x 45	6,157	PZ2	500	250	3.000
TEXBP50050	5 x 50	6,608	PZ2	500	250	3.000
TEXBP50060	5 x 60	8,222	PZ2	500	250	1.500
TEXBP50070	5 x 70	9,653	PZ2	400	200	1.200
TEXBP50080	5 x 80	12,856	PZ2	200	100	1.200
TEXBP50090	5 x 90	13,216	PZ2	200	100	1.200
TEXBP50100	5 x 100	17,532	PZ2	200	100	1.200
TEXBP50110	5 x 110	19,835	PZ2	200	100	1.200
TEXBP50120	5 x 120	22,488	PZ2	200	100	1.200
•TEXBP60040	6 x 40	10,101	PZ3	500	250	3.000
•TEXBP60045	6 x 45	10,752	PZ3	500	250	3.000
•TEXBP60050	6 x 50	11,998	PZ3	500	250	1.500
TEXBP60060	6 x 60	13,097	PZ3	500	250	1.500
TEXBP60070	6 x 70	14,501	PZ3	200	100	1.200
TEXBP60080	6 x 80	18,291	PZ3	200	100	1.200
TEXBP60090	6 x 90	21,487	PZ3	200	100	600
TEXBP60100	6 x 100	21,683	PZ3	200	100	600
TEXBP60110	6 x 110	29,148	PZ3	200	100	600
TEXBP60120	6 x 120	32,669	PZ3	200	100	600

• Sizes without CE



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTBP30016	3 x 16	2,345	40	20
BZTBP30020	3 x 20	2,345	40	20
BZTBP30025	3 x 25	2,345	40	20
BZTBP30030	3 x 30	2,345	40	20
BZTBP35016	3,5 x 16	2,345	40	20
BZTBP35020	3,5 x 20	2,345	40	20
BZTBP35025	3,5 x 25	2,345	40	20
BZTBP35030	3,5 x 30	2,345	40	20
BZTBP35035	3,5 x 35	2,345	20	20
BZTBP35040	3,5 x 40	2,345	20	20
BZTBP35050	3,5 x 50	2,345	20	20
BZTBP40025	4 x 25	2,345	40	20
BZTBP40030	4 x 30	2,345	20	20
BZTBP40035	4 x 35	2,345	20	20
BZTBP40040	4 x 40	2,345	20	20
BZTBP40045	4 x 45	2,345	20	20
BZTBP40050	4 x 50	2,345	10	20
BZTBP40060	4 x 60	2,345	10	20
BZTBP45030	4,5 x 30	2,345	20	20
BZTBP45035	4,5 x 35	2,345	20	20
BZTBP45040	4,5 x 40	2,345	20	20
BZTBP45045	4,5 x 45	2,345	10	20
BZTBP45050	4,5 x 50	2,345	10	20
BZTBP45060	4,5 x 60	2,345	10	20
BZTBP45070	4,5 x 70	2,345	10	20
BZTBP50030	5 x 30	2,345	10	20
BZTBP50035	5 x 35	2,345	10	20
BZTBP50040	5 x 40	2,345	10	20
BZTBP50050	5 x 50	2,345	10	20
BZTBP50060	5 x 60	2,345	10	20
BZTBP50070	5 x 70	2,345	4	20
BZTBP50080	5 x 80	2,345	4	20
BZTBP60050	6 x 50	2,345	10	20
BZTBP60060	6 x 60	2,345	10	20
BZTBP60070	6 x 70	2,345	4	20
BZTBP60080	6 x 80	2,345	4	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTEXBP30016	3 x 16	3,998	200	8
VTEXBP30020	3 x 20	4,422	200	8
VTEXBP30025	3 x 25	4,467	200	8
VTEXBP30030	3 x 30	5,090	170	8
VTEXBP30040	3 x 40	5,005	120	8
VTEXBP35016	3,5 x 16	4,723	200	8
VTEXBP35020	3,5 x 20	5,151	200	8
VTEXBP35025	3,5 x 25	5,052	170	8
VTEXBP35030	3,5 x 30	5,159	150	8
VTEXBP35035	3,5 x 35	4,323	100	8
VTEXBP35040	3,5 x 40	3,252	75	8
VTEXBP35050	3,5 x 50	5,513	75	8
VTEXBP40025	4 x 25	4,569	125	8
VTEXBP40030	4 x 30	4,241	100	8
VTEXBP40035	4 x 35	3,317	75	8
VTEXBP40040	4 x 40	3,528	75	8
VTEXBP40045	4 x 45	4,537	75	8
VTEXBP40050	4 x 50	3,038	50	8
VTEXBP40060	4 x 60	4,544	50	8
VTEXBP45030	4,5 x 30	4,983	100	8
VTEXBP45035	4,5 x 35	4,395	75	8
VTEXBP45040	4,5 x 40	4,407	75	8
VTEXBP45045	4,5 x 45	3,898	50	8
VTEXBP45050	4,5 x 50	3,813	50	8
VTEXBP45060	4,5 x 60	5,455	50	8
VTEXBP45070	4,5 x 70	6,692	50	8
VTEXBP50030	5 x 30	4,751	75	8
VTEXBP50035	5 x 35	5,041	75	8
VTEXBP50040	5 x 40	3,973	50	8
VTEXBP50050	5 x 50	4,596	50	8
VTEXBP50060	5 x 60	2,891	25	8
VTEXBP50070	5 x 70	3,619	25	8
VTEXBP50080	5 x 80	4,386	25	8
VTEXBP50090	5 x 90	4,730	25	8
VTEXBP60050	6 x 50	6,545	40	8
VTEXBP60060	6 x 60	5,358	30	8
VTEXBP60070	6 x 70	4,034	20	8
VTEXBP60080	6 x 80	5,089	20	8

High-performance chipboard screw

TEX



CODE	SIZE	€/100		MIN. ORDER QTY.		
•TEXZP25010	2,5 x 10	1,005	PZ1	2.000	1.000	45.000
•TEXZP25012	2,5 x 12	1,050	PZ1	2.000	1.000	45.000
•TEXZP25016	2,5 x 16	1,183	PZ1	2.000	1.000	45.000
TEXZP25020	2,5 x 20	1,306	PZ1	2.000	1.000	45.000
TEXZP25025	2,5 x 25	1,456	PZ1	2.000	1.000	45.000
•TEXZP30010	3 x 10	1,197	PZ1	2.000	1.000	45.000
•TEXZP30012	3 x 12	1,264	PZ1	2.000	1.000	45.000
•TEXZP30015	3 x 15	1,365	PZ1	2.000	1.000	24.000
•TEXZP30016	3 x 16	1,397	PZ1	2.000	1.000	24.000
•TEXZP30020	3 x 20	1,544	PZ1	2.000	1.000	24.000
TEXZP30025	3 x 25	1,593	PZ1	2.000	1.000	24.000
TEXZP30030	3 x 30	2,153	PZ1	2.000	1.000	12.000
TEXZP30035	3 x 35	2,482	PZ1	2.000	1.000	12.000
TEXZP30040	3 x 40	3,000	PZ1	2.000	1.000	6.000
TEXZP30045	3 x 45	3,273	PZ1	1.000	500	6.000
•TEXZP35010	3,5 x 10	1,316	PZ2	2.000	1.000	24.000
•TEXZP35012	3,5 x 12	1,421	PZ2	2.000	1.000	24.000
•TEXZP35015	3,5 x 15	1,512	PZ2	2.000	1.000	24.000
•TEXZP35016	3,5 x 16	1,645	PZ2	2.000	1.000	24.000
•TEXZP35020	3,5 x 20	1,796	PZ2	2.000	1.000	24.000
TEXZP35025	3,5 x 25	2,076	PZ2	2.000	1.000	12.000
TEXZP35030	3,5 x 30	2,401	PZ2	2.000	1.000	12.000
TEXZP35035	3,5 x 35	3,014	PZ2	2.000	1.000	12.000
TEXZP35040	3,5 x 40	3,119	PZ2	1.000	500	6.000
TEXZP35045	3,5 x 45	4,358	PZ2	1.000	500	6.000
TEXZP35050	3,5 x 50	5,285	PZ2	1.000	500	6.000
•TEXZP40012	4 x 12	1,757	PZ2	2.000	1.000	24.000
•TEXZP40015	4 x 15	1,925	PZ2	2.000	1.000	24.000
•TEXZP40016	4 x 16	1,876	PZ2	2.000	1.000	24.000
•TEXZP40020	4 x 20	2,153	PZ2	2.000	1.000	12.000
•TEXZP40025	4 x 25	2,531	PZ2	2.000	1.000	12.000
TEXZP40030	4 x 30	2,881	PZ2	2.000	1.000	6.000
TEXZP40035	4 x 35	3,182	PZ2	1.000	500	6.000
TEXZP40040	4 x 40	3,486	PZ2	1.000	500	3.000
TEXZP40045	4 x 45	4,351	PZ2	1.000	500	3.000
TEXZP40050	4 x 50	4,372	PZ2	1.000	500	3.000
TEXZP40055	4 x 55	6,034	PZ2	500	250	3.000

CODE	SIZE	€/100		MIN. ORDER QTY.		
TEXZP40060	4 x 60	6,535	PZ2	500	250	3.000
TEXZP40070	4 x 70	7,392	PZ2	500	250	1.500
TEXZP40080	4 x 80	8,656	PZ2	500	250	1.500
•TEXZP45016	4,5 x 16	2,401	PZ2	2.000	1.000	12.000
•TEXZP45020	4,5 x 20	2,758	PZ2	2.000	1.000	12.000
•TEXZP45025	4,5 x 25	3,206	PZ2	2.000	1.000	12.000
•TEXZP45030	4,5 x 30	3,483	PZ2	1.000	500	6.000
TEXZP45035	4,5 x 35	4,095	PZ2	1.000	500	6.000
TEXZP45040	4,5 x 40	4,347	PZ2	1.000	500	3.000
TEXZP45045	4,5 x 45	5,187	PZ2	500	250	3.000
TEXZP45050	4,5 x 50	5,425	PZ2	500	250	3.000
TEXZP45060	4,5 x 60	7,452	PZ2	500	250	1.500
TEXZP45070	4,5 x 70	9,818	PZ2	500	250	1.500
TEXZP45080	4,5 x 80	12,037	PZ2	200	100	1.200
•TEXZP50025	5 x 25	4,316	PZ2	2.000	1.000	6.000
•TEXZP50030	5 x 30	4,512	PZ2	1.000	500	6.000
TEXZP50035	5 x 35	4,830	PZ2	1.000	500	6.000
TEXZP50040	5 x 40	5,299	PZ2	1.000	500	6.000
TEXZP50045	5 x 45	6,157	PZ2	500	250	3.000
TEXZP50050	5 x 50	6,608	PZ2	500	250	3.000
TEXZP50060	5 x 60	8,222	PZ2	500	250	1.500
TEXZP50070	5 x 70	9,653	PZ2	400	200	1.200
TEXZP50080	5 x 80	12,856	PZ2	200	100	1.200
TEXZP50090	5 x 90	13,216	PZ2	200	100	1.200
TEXZP50100	5 x 100	17,532	PZ2	200	100	1.200
TEXZP50110	5 x 110	19,835	PZ2	200	100	1.200
TEXZP50120	5 x 120	22,488	PZ2	200	100	1.200
•TEXZP60040	6 x 40	10,101	PZ3	500	250	3.000
•TEXZP60045	6 x 45	10,752	PZ3	500	250	3.000
•TEXZP60050	6 x 50	11,998	PZ3	500	250	1.500
TEXZP60060	6 x 60	13,097	PZ3	500	250	1.500
TEXZP60070	6 x 70	14,501	PZ3	200	100	600
TEXZP60080	6 x 80	18,291	PZ3	200	100	1.200
TEXZP60090	6 x 90	21,487	PZ3	200	100	1.200
TEXZP60100	6 x 100	21,683	PZ3	200	100	600
TEXZP60110	6 x 110	29,148	PZ3	200	100	600
TEXZP60120	6 x 120	32,669	PZ3	200	100	600



Available in different coatings. Ask for price and delivery time.

• Sizes without CE



CODE	SIZE	€/BAG	PCS.	BAGS
BZTXZP30016	3 x 16	2,345	40	20
BZTXZP30020	3 x 20	2,345	40	20
BZTXZP30025	3 x 25	2,345	40	20
BZTXZP30030	3 x 30	2,345	40	20
BZTXZP35016	3,5 x 16	2,345	40	20
BZTXZP35020	3,5 x 20	2,345	40	20
BZTXZP35025	3,5 x 25	2,345	40	20
BZTXZP35030	3,5 x 30	2,345	40	20
BZTXZP35035	3,5 x 35	2,345	20	20
BZTXZP35040	3,5 x 40	2,345	20	20
BZTXZP35050	3,5 x 50	2,345	20	20
BZTXZP40025	4 x 25	2,345	40	20
BZTXZP40030	4 x 30	2,345	20	20
BZTXZP40035	4 x 35	2,345	20	20
BZTXZP40040	4 x 40	2,345	20	20
BZTXZP40045	4 x 45	2,345	20	20
BZTXZP40050	4 x 50	2,345	10	20
BZTXZP40060	4 x 60	2,345	10	20
BZTXZP45030	4,5 x 30	2,345	20	20
BZTXZP45035	4,5 x 35	2,345	20	20
BZTXZP45040	4,5 x 40	2,345	20	20
BZTXZP45045	4,5 x 45	2,345	10	20
BZTXZP45050	4,5 x 50	2,345	10	20
BZTXZP45060	4,5 x 60	2,345	10	20
BZTXZP45070	4,5 x 70	2,345	10	20
BZTXZP50030	5 x 30	2,345	10	20
BZTXZP50035	5 x 35	2,345	10	20
BZTXZP50040	5 x 40	2,345	10	20
BZTXZP50050	5 x 50	2,345	10	20
BZTXZP50060	5 x 60	2,345	10	20
BZTXZP50070	5 x 70	2,345	4	20
BZTXZP50080	5 x 80	2,345	4	20
BZTXZP60050	6 x 50	2,345	10	20
BZTXZP60060	6 x 60	2,345	10	20
BZTXZP60070	6 x 70	2,345	4	20
BZTXZP60080	6 x 80	2,345	4	20



CODE	SIZE	€/BOX	PCS.	BOXES
VTEXZP30016	3 x 16	3,998	200	8
VTEXZP30020	3 x 20	4,422	200	8
VTEXZP30025	3 x 25	4,467	200	8
VTEXZP30030	3 x 30	5,090	170	8
VTEXZP30040	3 x 40	5,005	120	8
VTEXZP35016	3,5 x 16	4,723	200	8
VTEXZP35020	3,5 x 20	5,151	200	8
VTEXZP35025	3,5 x 25	5,052	170	8
VTEXZP35030	3,5 x 30	5,159	150	8
VTEXZP35035	3,5 x 35	4,323	100	8
VTEXZP35040	3,5 x 40	3,252	75	8
VTEXZP35050	3,5 x 50	5,513	75	8
VTEXZP40025	4 x 25	4,569	125	8
VTEXZP40030	4 x 30	4,241	100	8
VTEXZP40035	4 x 35	3,317	75	8
VTEXZP40040	4 x 40	3,528	75	8
VTEXZP40045	4 x 45	4,537	75	8
VTEXZP40050	4 x 50	3,038	50	8
VTEXZP40060	4 x 60	4,544	50	8
VTEXZP45030	4,5 x 30	4,983	100	8
VTEXZP45035	4,5 x 35	4,395	75	8
VTEXZP45040	4,5 x 40	4,407	75	8
VTEXZP45045	4,5 x 45	3,898	50	8
VTEXZP45050	4,5 x 50	3,813	50	8
VTEXZP45060	4,5 x 60	5,455	50	8
VTEXZP45070	4,5 x 70	6,692	50	8
VTEXZP50030	5 x 30	4,751	75	8
VTEXZP50035	5 x 35	5,041	75	8
VTEXZP50040	5 x 40	3,973	50	8
VTEXZP50045	5 x 45	4,506	50	8
VTEXZP50050	5 x 50	4,596	50	8
VTEXZP50060	5 x 60	2,891	25	8
VTEXZP50070	5 x 70	3,619	25	8
VTEXZP50080	5 x 80	4,386	25	8
VTEXZP60050	6 x 50	6,545	40	8
VTEXZP60060	6 x 60	5,358	30	8
VTEXZP60070	6 x 70	4,034	20	8
VTEXZP60080	6 x 80	5,089	20	8

TEX

High-performance chipboard screw

TEX-BT

Yellow zinc-plated. TX recess



CODE	SIZE	€/100		MIN. ORDER QTY.		
•TEXBT30016	3 x 16	1,733	TX10	2.000	1.000	24.000
•TEXBT30020	3 x 20	1,887	TX10	2.000	1.000	24.000
TEXBT30025	3 x 25	2,331	TX10	2.000	1.000	24.000
TEXBT30030	3 x 30	2,660	TX10	2.000	1.000	12.000
TEXBT30035	3 x 35	2,898	TX10	2.000	1.000	12.000
TEXBT30040	3 x 40	3,220	TX10	2.000	1.000	6.000
•TEXBT35012	3,5 x 12	1,992	TX15	2.000	1.000	24.000
•TEXBT35016	3,5 x 16	2,100	TX15	2.000	1.000	24.000
•TEXBT35020	3,5 x 20	2,258	TX15	2.000	1.000	24.000
TEXBT35025	3,5 x 25	2,821	TX15	2.000	1.000	12.000
TEXBT35030	3,5 x 30	3,052	TX15	2.000	1.000	12.000
TEXBT35035	3,5 x 35	3,430	TX15	2.000	1.000	12.000
TEXBT35040	3,5 x 40	4,155	TX15	1.000	500	6.000
TEXBT35045	3,5 x 45	4,554	TX15	1.000	500	6.000
TEXBT35050	3,5 x 50	4,792	TX15	1.000	500	6.000
•TEXBT40016	4 x 16	2,079	TX20	2.000	1.000	24.000
•TEXBT40020	4 x 20	2,366	TX20	2.000	1.000	12.000
•TEXBT40025	4 x 25	2,811	TX20	2.000	1.000	12.000
TEXBT40030	4 x 30	3,171	TX20	2.000	1.000	6.000
TEXBT40035	4 x 35	3,532	TX20	1.000	500	6.000
TEXBT40040	4 x 40	3,801	TX20	1.000	500	3.000
TEXBT40045	4 x 45	4,788	TX20	1.000	500	3.000
TEXBT40050	4 x 50	4,809	TX20	1.000	500	3.000
TEXBT40055	4 x 55	6,636	TX20	500	250	1.500
TEXBT40060	4 x 60	7,252	TX20	500	250	3.000
TEXBT40070	4 x 70	8,131	TX20	500	250	1.500
TEXBT45025	4,5 x 25	3,728	TX20	2.000	1.000	12.000
TEXBT45030	4,5 x 30	3,829	TX20	1.000	500	6.000
TEXBT45035	4,5 x 35	4,505	TX20	1.000	500	6.000
TEXBT45040	4,5 x 40	4,491	TX20	1.000	500	3.000
TEXBT45045	4,5 x 45	5,537	TX20	500	250	3.000
TEXBT45050	4,5 x 50	5,737	TX20	500	250	3.000
TEXBT45060	4,5 x 60	8,271	TX20	500	250	1.500
TEXBT45070	4,5 x 70	10,815	TX20	500	250	1.500
TEXBT45080	4,5 x 80	13,808	TX20	200	100	1.200
TEXBT50030	5 x 30	5,061	TX25	1.000	500	6.000
TEXBT50035	5 x 35	5,429	TX25	1.000	500	6.000
TEXBT50040	5 x 40	5,936	TX25	1.000	500	6.000
TEXBT50045	5 x 45	7,081	TX25	500	250	3.000
TEXBT50050	5 x 50	7,410	TX25	500	250	3.000
TEXBT50060	5 x 60	9,314	TX25	500	250	1.500
TEXBT50070	5 x 70	10,815	TX25	400	200	1.200
TEXBT50080	5 x 80	14,399	TX25	200	100	1.200
TEXBT50090	5 x 90	14,952	TX25	200	100	1.200
TEXBT50100	5 x 100	19,635	TX25	200	100	1.200
TEXBT50120	5 x 120	25,200	TX25	200	100	1.200
TEXBT60040	6 x 40	11,022	TX30	500	250	3.000

CODE	SIZE	€/100		MIN. ORDER QTY.		
TEXBT60045	6 x 45	11,876	TX30	500	250	3.000
TEXBT60050	6 x 50	13,171	TX30	500	250	1.500
TEXBT60060	6 x 60	15,064	TX30	500	250	1.500
TEXBT60070	6 x 70	16,695	TX30	200	100	1.200
TEXBT60080	6 x 80	20,349	TX30	200	100	1.200
TEXBT60090	6 x 90	23,436	TX30	200	100	600
TEXBT60100	6 x 100	24,938	TX30	200	100	600
TEXBT60110	6 x 110	32,820	TX30	200	100	600
TEXBT60120	6 x 120	37,506	TX30	200	100	1.200
TEXBT60130	6 x 130	37,818	TX30	200	100	600
TEXBT60140	6 x 140	44,793	TX30	200	100	600
TEXBT60150	6 x 150	50,904	TX30	200	100	600
TEXBT60160	6 x 160	63,133	TX30	100	100	600
TEXBT60180	6 x 180	79,660	TX30	100	100	800
TEXBT60200	6 x 200	102,673	TX30	100	100	800
TEXBT60220	6 x 220	113,138	TX30	100	100	-
TEXBT60240	6 x 240	128,079	TX30	100	100	-
TEXBT60260	6 x 260	152,040	TX30	100	100	-
TEXBT60280	6 x 280	169,127	TX30	100	100	-
TEXBT60300	6 x 300	181,265	TX30	100	100	-
TEXBT80080	8 x 80	40,264	TX40	200	100	600
TEXBT80100	8 x 100	43,173	TX40	100	50	300
TEXBT80120	8 x 120	64,068	TX40	100	50	300
TEXBT80140	8 x 140	68,534	TX40	50	50	300
TEXBT80160	8 x 160	100,335	TX40	50	50	300
TEXBT80180	8 x 180	106,579	TX40	50	50	150
TEXBT80200	8 x 200	120,008	TX40	50	50	400
TEXBT80220	8 x 220	142,968	TX40	50	50	400
TEXBT80240	8 x 240	156,468	TX40	50	50	400
TEXBT80260	8 x 260	183,246	TX40	50	50	-
TEXBT80280	8 x 280	196,676	TX40	50	50	-
TEXBT80300	8 x 300	201,891	TX40	50	50	200
TEXBT80320	8 x 320	248,427	TX40	50	50	-
TEXBT80340	8 x 340	277,316	TX40	50	50	-
TEXBT80360	8 x 360	306,390	TX40	50	50	-
TEXBT80380	8 x 380	353,308	TX40	50	50	-
TEXBT80400	8 x 400	371,081	TX40	50	50	-
TEXBT10080	10 x 80	66,861	TX40	50	50	-
TEXBT10100	10 x 100	84,781	TX40	50	50	-
TEXBT10120	10 x 120	106,281	TX40	50	50	-
TEXBT10140	10 x 140	128,202	TX40	50	50	-
TEXBT10160	10 x 160	149,709	TX40	50	50	-
TEXBT10180	10 x 180	201,261	TX40	50	50	-
TEXBT10200	10 x 200	226,100	TX40	50	50	-
TEXBT10220	10 x 220	249,620	TX40	50	50	-
TEXBT10240	10 x 240	275,380	TX40	50	50	-

• Sizes without CE



High-performance chipboard screw

TEX



CODE	SIZE	€/100		MIN. ORDER QTY.		
•TEXZT30016	3 x 16	1,733	TX10	2.000	1.000	24.000
•TEXZT30020	3 x 20	1,887	TX10	2.000	1.000	24.000
•TEXZT30025	3 x 25	2,331	TX10	2.000	1.000	24.000
TEXZT30030	3 x 30	2,660	TX10	2.000	1.000	12.000
TEXZT30035	3 x 35	2,898	TX10	2.000	1.000	12.000
TEXZT30040	3 x 40	3,220	TX10	2.000	1.000	6.000
•TEXZT35012	3,5 x 12	1,992	TX15	2.000	1.000	24.000
•TEXZT35016	3,5 x 16	2,100	TX15	2.000	1.000	24.000
•TEXZT35020	3,5 x 20	2,258	TX15	2.000	1.000	24.000
TEXZT35025	3,5 x 25	2,821	TX15	2.000	1.000	12.000
TEXZT35030	3,5 x 30	3,052	TX15	2.000	1.000	12.000
TEXZT35035	3,5 x 35	3,430	TX15	2.000	1.000	12.000
TEXZT35040	3,5 x 40	4,155	TX15	1.000	500	6.000
TEXZT35045	3,5 x 45	4,554	TX15	1.000	500	6.000
TEXZT35050	3,5 x 50	4,792	TX15	1.000	500	6.000
•TEXZT40016	4 x 16	2,079	TX20	2.000	1.000	24.000
•TEXZT40020	4 x 20	2,366	TX20	2.000	1.000	12.000
•TEXZT40025	4 x 25	2,811	TX20	2.000	1.000	12.000
TEXZT40030	4 x 30	3,171	TX20	2.000	1.000	6.000
TEXZT40035	4 x 35	3,532	TX20	1.000	500	6.000
TEXZT40040	4 x 40	3,801	TX20	1.000	500	6.000
TEXZT40045	4 x 45	4,788	TX20	1.000	500	6.000
TEXZT40050	4 x 50	4,809	TX20	1.000	500	6.000
TEXZT40055	4 x 55	6,636	TX20	500	250	3.000
TEXZT40060	4 x 60	7,252	TX20	500	250	3.000
TEXZT40070	4 x 70	8,131	TX20	500	250	1.500
TEXZT45030	4,5 x 30	3,829	TX20	1.000	500	6.000
TEXZT45035	4,5 x 35	4,505	TX20	1.000	500	6.000
TEXZT45040	4,5 x 40	4,491	TX20	1.000	500	3.000
TEXZT45050	4,5 x 50	5,737	TX20	500	250	3.000
TEXZT45060	4,5 x 60	8,271	TX20	500	250	1.500

CODE	SIZE	€/100		MIN. ORDER QTY.		
TEXZT45070	4,5 x 70	10,815	TX20	500	250	1.500
TEXZT45080	4,5 x 80	13,808	TX20	200	100	1.200
TEXZT50030	5 x 30	5,061	TX25	1.000	500	6.000
TEXZT50035	5 x 35	5,429	TX25	1.000	500	6.000
TEXZT50040	5 x 40	5,936	TX25	1.000	500	6.000
TEXZT50045	5 x 45	7,081	TX25	500	250	3.000
TEXZT50050	5 x 50	7,410	TX25	500	250	3.000
TEXZT50060	5 x 60	9,314	TX25	500	250	1.500
TEXZT50070	5 x 70	10,815	TX25	400	200	1.200
TEXZT50080	5 x 80	14,399	TX25	200	100	1.200
TEXZT50090	5 x 90	14,952	TX25	200	100	1.200
TEXZT50100	5 x 100	19,635	TX25	200	100	1.200
TEXZT60050	6 x 50	13,171	TX30	500	250	1.500
TEXZT60060	6 x 60	15,064	TX30	500	250	1.500
TEXZT60070	6 x 70	16,695	TX30	200	100	1.200
TEXZT60080	6 x 80	20,349	TX30	200	100	1.200
TEXZT60090	6 x 90	23,436	TX30	200	100	600
TEXZT60100	6 x 100	24,938	TX30	200	100	600
TEXZT60110	6 x 110	32,820	TX30	200	100	600
TEXZT60120	6 x 120	37,506	TX30	200	100	600
TEXZT60130	6 x 130	37,818	TX30	100	100	600
TEXZT60140	6 x 140	44,793	TX30	100	100	600
TEXZT60150	6 x 150	50,904	TX30	100	100	600
TEXZT60160	6 x 160	63,133	TX30	100	100	600
TEXZT60180	6 x 180	79,660	TX30	100	100	800
TEXZT60200	6 x 200	102,673	TX30	100	100	300
TEXZT60220	6 x 220	113,138	TX30	100	100	-
TEXZT60240	6 x 240	128,079	TX30	100	100	600
TEXZT60260	6 x 260	152,040	TX30	100	100	-
TEXZT60280	6 x 280	169,127	TX30	100	100	-
TEXZT60300	6 x 300	181,265	TX30	100	100	-

• Sizes without CE



TEX-ZT

Zinc-plated. TX recess



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100			
TEXA250050	5 x 50	24,395	TX25	250	3.000
TEXA250060	5 x 60	29,313	TX25	100	2.400
TEXA250070	5 x 70	33,222	TX25	100	2.400



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTXA250050	5 x 50	2,345	4	20
BZTXA250060	5 x 60	2,345	4	20
BZTXA250070	5 x 70	2,345	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTEXA250050	5 x 50	6,524	20	8
VTEXA250060	5 x 60	7,838	20	8
VTEXA250070	5 x 70	8,885	20	8



TEX-A2

A2 Stainless steel. TX recess



INDEX

A PERFECT FIXING

Display

Complete screw range for wood



BLISTER



WINDOW BOX



PROFESSIONAL BOX

DIMENSIONS:
Width: 100 cm
Width: 240 cm



High-performance chipboard screw

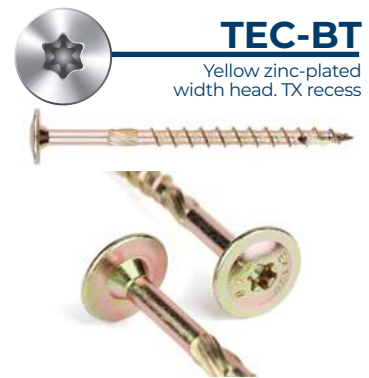
TEX



CODE	SIZE	€/100			
TECBT60080	6 x 80	26,219	TX30	200	1.200
TECBT60100	6 x 100	30,524	TX30	100	1.200
TECBT60120	6 x 120	48,325	TX30	100	600
TECBT60140	6 x 140	57,712	TX30	100	600
TECBT60160	6 x 160	81,340	TX30	100	400
TECBT60180	6 x 180	102,638	TX30	100	-
TECBT60200	6 x 200	132,286	TX40	100	-
TECBT80080	8 x 80	51,874	TX40	50	600
TECBT80100	8 x 100	53,725	TX40	50	300
TECBT80120	8 x 120	82,541	TX40	50	300
TECBT80140	8 x 140	85,985	TX40	50	300
TECBT80160	8 x 160	125,314	TX40	50	200
TECBT80180	8 x 180	130,456	TX40	50	-
TECBT80200	8 x 200	146,892	TX40	50	-
TECBT80220	8 x 220	184,202	TX40	50	-

CODE	SIZE	€/100			
TECBT80240	8 x 240	191,517	TX40	50	-
TECBT80260	8 x 260	224,298	TX40	50	-
TECBT80280	8 x 280	240,734	TX40	50	-
TECBT80300	8 x 300	257,411	TX40	50	-
TECBT10100	10 x 100	103,772	TX40	50	300
TECBT10120	10 x 120	130,088	TX40	50	300
TECBT10140	10 x 140	156,916	TX40	50	300
TECBT10160	10 x 160	183,246	TX40	50	200
TECBT10180	10 x 180	246,341	TX40	50	-
TECBT10200	10 x 200	276,745	TX40	25	-
TECBT10220	10 x 220	305,536	TX40	25	-
TECBT10240	10 x 240	337,064	TX40	25	-
TECBT10260	10 x 260	374,371	TX40	25	-
TECBT10280	10 x 280	420,025	TX40	25	-
TECBT10300	10 x 300	459,942	TX40	25	-

TEC-BT
Yellow zinc-plated
width head. TX recess



CODE	SIZE	€/100		
TEXABM06	Ø6	41,031	100	2.400
TEXABM08	Ø8	52,892	100	2.400
TEXABM10	Ø10	89,737	100	1.200

TEX-AB

Conical washer



Higher performance
Improves performance through
a larger fixing surface.

INDEXwood V1

**DESIGN SOFTWARE
FOR CALCULATING
WOODEN STRUCTURES**

This makes it possible to calculate wooden structural fixings with self-tapping screws according to Eurocode 5 (EN 1995-1-1 standard).



TEX

HIGH-PERFORMANCE CHIPBOARD SCREW FOR WOOD



TEX SCREW CHARACTERISTICS • COMPARATIVE TABLE

TECBT	TEXBT	TEXBP	TEXZT	TEXZP	∅	SCREW LENGTH	THREAD LENGTH	CLEANER	ULTRA-SHARP TIP	RECESS
-	-	TEXBP25010	-	TEXZP25010	2,5	10	COMPLET	-	-	PZ1
-	-	TEXBP25012	-	TEXZP25012		12				
-	-	TEXBP25016	-	TEXZP25016		16				
-	-	TEXBP25020	-	TEXZP25020		20				
-	-	TEXBP25025	-	TEXZP25025		25				
-	-	TEXBP30010	-	TEXZP30010	3	10	COMPLET	-	-	PZ1
-	-	TEXBP30012	-	TEXZP30012		12				
-	-	TEXBP30015	-	TEXZP30015		15				
-	TEXBT30016	TEXBP30016	TEXZT30016	TEXZP30016		16				
-	TEXBT30020	TEXBP30020	TEXZT30020	TEXZP30020		20				
-	TEXBT30025	TEXBP30025	TEXZT30025	TEXZP30025		25				
-	TEXBT30030	TEXBP30030	TEXZT30030	TEXZP30030		30				
-	TEXBT30035	TEXBP30035	TEXZT30035	TEXZP30035		35				
-	TEXBT30040	TEXBP30040	TEXZT30040	TEXZP30040		40				
-	-	TEXBP30045	-	TEXZP30045		45				
-	-	TEXBP35010	-	TEXZP35010	3,5	10	COMPLET	-	-	PZ2
-	TEXBT35012	TEXBP35012	TEXZT35012	TEXZP35012		12				
-	-	TEXBP35015	-	TEXZP35015		15				
-	TEXBT35016	TEXBP35016	TEXZT35016	TEXZP35016		16				
-	TEXBT35020	TEXBP35020	TEXZT35020	TEXZP35020		20				
-	TEXBT35025	TEXBP35025	TEXZT35025	TEXZP35025		25				
-	TEXBT35030	TEXBP35030	TEXZT35030	TEXZP35030		30				
-	TEXBT35035	TEXBP35035	TEXZT35035	TEXZP35035		35				
-	TEXBT35040	TEXBP35040	TEXZT35040	TEXZP35040		40				
-	TEXBT35045	TEXBP35045	TEXZT35045	TEXZP35045		45				
-	TEXBT35050	TEXBP35050	TEXZT35050	TEXZP35050	50					
-	-	TEXBP40012	-	TEXZP40012	4	12	COMPLET	-	-	TX20 / PZ2
-	-	TEXBP40015	-	TEXZP40015		15				
-	TEXBT40016	TEXBP40016	TEXZT40016	TEXZP40016		16				
-	TEXBT40020	TEXBP40020	TEXZT40020	TEXZP40020		20				
-	TEXBT40025	TEXBP40025	TEXZT40025	TEXZP40025		25				
-	TEXBT40030	TEXBP40030	TEXZT40030	TEXZP40030		30				
-	TEXBT40035	TEXBP40035	TEXZT40035	TEXZP40035		35				
-	TEXBT40040	TEXBP40040	TEXZT40040	TEXZP40040		40				
-	TEXBT40045	TEXBP40045	TEXZT40045	TEXZP40045		45				
-	TEXBT40050	TEXBP40050	TEXZT40050	TEXZP40050		50				
-	TEXBT40055	TEXBP40055	TEXZT40055	TEXZP40055	55					
-	TEXBT40060	TEXBP40060	TEXZT40060	TEXZP40060	60					
-	TEXBT40070	TEXBP40070	TEXZT40070	TEXZP40070	70					
-	-	TEXBP40080	-	TEXZP40080	80					
-	-	TEXBP45016	-	TEXZP45016	4,5	16	COMPLET	-	-	T20 / PZ2
-	-	TEXBP45020	-	TEXZP45020		20				
-	TEXBT45025	TEXBP45025	-	TEXZP45025		25				
-	TEXBT45030	TEXBP45030	TEXZT45030	TEXZP45030		30				
-	TEXBT45035	TEXBP45035	TEXZT45035	TEXZP45035		35				
-	TEXBT45040	TEXBP45040	TEXZT45040	TEXZP45040		40				
-	TEXBT45045	TEXBP45045	-	TEXZP45045		45				
-	TEXBT45050	TEXBP45050	TEXZT45050	TEXZP45050		50				
-	TEXBT45060	TEXBP45060	TEXZT45060	TEXZP45060		60				
-	TEXBT45070	TEXBP45070	TEXZT45070	TEXZP45070		70				
-	TEXBT45080	TEXBP45080	TEXZT45080	TEXZP45080	80					

TECBT	TEXBT	TEXBP	TEXZT	TEXZP	Ø	SCREW LENGTH	THREAD LENGTH	CLEANER	ULTRA-SHARP TIP	RECESS
-	-	TEXBP50025	-	TEXZP50025	5	25	COMPLET	-	YES	TX25 / PZ2
-	TEXBT50030	TEXBP50030	TEXZT50030	TEXZP50030		30				
-	TEXBT50035	TEXBP50035	TEXZT50035	TEXZP50035		35				
-	TEXBT50040	TEXBP50040	TEXZT50040	TEXZP50040		40	30			
-	TEXBT50045	TEXBP50045	TEXZT50045	TEXZP50045		45				
-	TEXBT50050	TEXBP50050	TEXZT50050	TEXZP50050		50				
-	TEXBT50060	TEXBP50060	TEXZT50060	TEXZP50060		60	40			
-	TEXBT50070	TEXBP50070	TEXZT50070	TEXZP50070		70				
-	TEXBT50080	TEXBP50080	TEXZT50080	TEXZP50080		80				
-	TEXBT50090	TEXBP50090	TEXZT50090	TEXZP50090		90	70			
-	TEXBT50100	TEXBP50100	TEXZT50100	TEXZP50100		100				
-	-	TEXBP50110	-	TEXZP50110		110				
-	TEXBT50120	TEXBP50120	-	TEXZP50120	120	40				
-	TEXBT60040	TEXBP60040	-	TEXZP60040	40					
-	TEXBT60045	TEXBP60045	-	TEXZP60045	45		30			
-	TEXBT60050	TEXBP60050	TEXZT60050	TEXZP60050	50					
-	TEXBT60060	TEXBP60060	TEXZT60060	TEXZP60060	60					
-	TEXBT60070	TEXBP60070	TEXZT60070	TEXZP60070	70		40			
TECBT60080	TEXBT60080	TEXBP60080	TEXZT60080	TEXZP60080	80					
-	TEXBT60090	TEXBP60090	TEXZT60090	TEXZP60090	90					
TECBT60100	TEXBT60100	TEXBP60100	TEXZT60100	TEXZP60100	100		70			
-	TEXBT60110	TEXBP60110	TEXZT60110	TEXZP60110	110					
TECBT60120	TEXBT60120	TEXBP60120	TEXZT60120	TEXZP60120	120					
-	TEXBT60130	-	TEXZT60130	-	130			YES		
TECBT60140	TEXBT60140	-	TEXZT60140	-	140					
-	TEXBT60150	-	TEXZT60150	-	150					
TECBT60160	TEXBT60160	-	TEXZT60160	-	160	70				
TECBT60180	TEXBT60180	-	TEXZT60180	-	180					
TECBT60200	TEXBT60200	-	TEXZT60200	-	200					
-	TEXBT60220	-	TEXZT60220	-	220	-				
-	TEXBT60240	-	TEXZT60240	-	240					
-	TEXBT60260	-	TEXZT60260	-	260					
-	TEXBT60280	-	TEXZT60280	-	280					
-	TEXBT60300	-	TEXZT60300	-	300					
TECBT80080	TEXBT80080	-	-	-	80		40			
TECBT80100	TEXBT80100	-	-	-	100					
TECBT80120	TEXBT80120	-	-	-	120					
TECBT80140	TEXBT80140	-	-	-	140		70			
TECBT80160	TEXBT80160	-	-	-	160					
TECBT80180	TEXBT80180	-	-	-	180					
TECBT80200	TEXBT80200	-	-	-	200					
TECBT80220	TEXBT80220	-	-	-	220	80				
TECBT80240	TEXBT80240	-	-	-	240					
TECBT80260	TEXBT80260	-	-	-	260					
TECBT80280	TEXBT80280	-	-	-	280					
TECBT80300	TEXBT80300	-	-	-	300	80				
-	TEXBT80320	-	-	-	320					
-	TEXBT80340	-	-	-	340					
-	TEXBT80360	-	-	-	360	40				
-	TEXBT80380	-	-	-	380					
-	TEXBT80400	-	-	-	400					
TECBT10080	TEXBT10080	-	-	-	80		40			
TECBT10100	TEXBT10100	-	-	-	100					
TECBT10120	TEXBT10120	-	-	-	120					
TECBT10140	TEXBT10140	-	-	-	140		80			
TECBT10160	TEXBT10160	-	-	-	160					
TECBT10180	TEXBT10180	-	-	-	180					
TECBT10200	TEXBT10200	-	-	-	200					
TECBT10220	TEXBT10220	-	-	-	220			80		
TECBT10240	TEXBT10240	-	-	-	240					
TECBT10260	-	-	-	-	260					
TECBT10280	-	-	-	-	280					
TECBT10300	-	-	-	-	300	80				
-	-	-	-	-	320					
-	-	-	-	-	340					
-	-	-	-	-	360	80				
-	-	-	-	-	380					
-	-	-	-	-	400					
-	-	-	-	-	450					
-	-	-	-	-	450					

TP-PO

Countersunk head chipboard screw. PZ

TP-PO B

Yellow zinc-plated. PZ recess.



CODE	SIZE	€/100		THREAD LENGTH (mm)	MIN. ORDER QTY.		
•TPPO25010	2,5 x 10	0,855	PZ1	Total	2.000	1.000	45.000
•TPPO25012	2,5 x 12	0,862	PZ1	Total	2.000	1.000	45.000
•TPPO25016	2,5 x 16	0,963	PZ1	Total	2.000	1.000	45.000
TPPO25020	2,5 x 20	1,090	PZ1	Total	2.000	1.000	24.000
TPPO25025	2,5 x 25	1,172	PZ1	Total	2.000	1.000	24.000
•TPPO30012	3 x 12	0,765	PZ1	Total	2.000	1.000	45.000
•TPPO30016	3 x 16	0,885	PZ1	Total	2.000	1.000	24.000
•TPPO30020	3 x 20	0,997	PZ1	Total	2.000	1.000	24.000
TPPO30025	3 x 25	1,161	PZ1	Total	2.000	1.000	12.000
TPPO30030	3 x 30	1,247	PZ1	Total	2.000	1.000	12.000
TPPO30040	3 x 40	1,643	PZ1	Total	2.000	1.000	6.000
•TPPO35016	3,5 x 16	0,978	PZ2	Total	2.000	1.000	24.000
•TPPO35020	3,5 x 20	1,161	PZ2	Total	2.000	1.000	12.000
TPPO35025	3,5 x 25	1,337	PZ2	Total	2.000	1.000	12.000
TPPO35030	3,5 x 30	1,467	PZ2	Total	2.000	1.000	12.000
TPPO35035	3,5 x 35	1,837	PZ2	Total	1.000	500	6.000
TPPO35040	3,5 x 40	1,997	PZ2	Total	1.000	500	6.000
TPPO35050	3,5 x 50	2,610	PZ2	Total	500	250	3.000
•TPPO40016	4 x 16	1,258	PZ2	Total	2.000	1.000	16.000
•TPPO40020	4 x 20	1,497	PZ2	Total	2.000	1.000	12.000
•TPPO40025	4 x 25	1,665	PZ2	Total	2.000	1.000	12.000
TPPO40030	4 x 30	1,982	PZ2	Total	1.000	500	6.000
TPPO40035	4 x 35	2,191	PZ2	Total	1.000	500	6.000
TPPO40040	4 x 40	2,363	PZ2	Total	1.000	500	6.000
TPPO40045	4 x 45	2,975	PZ2	Total	1.000	500	3.000
TPPO40050	4 x 50	3,255	PZ2	Total	500	250	3.000
TPPO40060	4 x 60	3,771	PZ2	Total	500	250	3.000
TPPO40070	4 x 70	4,648	PZ2	Partial-52	500	250	3.000
•TPPO45020	4,5 x 20	1,889	PZ2	Total	1.000	500	12.000
•TPPO45025	4,5 x 25	2,244	PZ2	Total	1.000	500	6.000
•TPPO45030	4,5 x 30	2,542	PZ2	Total	1.000	500	6.000
TPPO45035	4,5 x 35	2,766	PZ2	Total	1.000	500	6.000
TPPO45040	4,5 x 40	3,054	PZ2	Total	1.000	500	3.000
TPPO45045	4,5 x 45	3,771	PZ2	Total	500	250	3.000
TPPO45050	4,5 x 50	4,017	PZ2	Total	500	250	3.000
TPPO45060	4,5 x 60	4,730	PZ2	Total	500	250	3.000
TPPO45070	4,5 x 70	5,787	PZ2	Partial-52	500	250	1.500
TPPO45080	4,5 x 80	7,220	PZ2	Partial-52	200	100	1.200
•TPPO50020	5 x 20	2,330	PZ2	Total	1.000	500	6.000
•TPPO50025	5 x 25	2,774	PZ2	Total	1.000	500	6.000
•TPPO50030	5 x 30	3,136	PZ2	Total	500	250	6.000
TPPO50035	5 x 35	3,539	PZ2	Total	500	250	3.000
TPPO50040	5 x 40	3,886	PZ2	Total	500	250	3.000
TPPO50045	5 x 45	4,491	PZ2	Total	500	250	3.000
TPPO50050	5 x 50	4,741	PZ2	Total	500	250	3.000
TPPO50060	5 x 60	5,764	PZ2	Total	500	250	1.500
TPPO50070	5 x 70	7,138	PZ2	Partial-52	200	100	1.200
TPPO50080	5 x 80	8,135	PZ2	Partial-52	200	100	1.200
TPPO50090	5 x 90	9,666	PZ2	Partial-60	200	100	1.200
TPPO50100	5 x 100	10,438	PZ2	Partial-60	200	100	1.200
TPPO50120	5 x 120	15,743	PZ2	Partial-75	200	100	1.200
•TPPO60040	6 x 40	5,880	PZ3	Total	500	250	3.000
TPPO60050	6 x 50	6,772	PZ3	Total	500	250	1.500
TPPO60060	6 x 60	7,885	PZ3	Total	500	250	1.500
TPPO60070	6 x 70	10,222	PZ3	Partial-52	200	100	1.200
TPPO60080	6 x 80	11,599	PZ3	Partial-52	200	100	1.200
TPPO60090	6 x 90	13,209	PZ3	Partial-60	200	100	1.200
TPPO60100	6 x 100	15,023	PZ3	Partial-60	100	100	1.200
TPPO60110	6 x 110	17,771	PZ3	Partial-70	100	100	600
TPPO60120	6 x 120	18,894	PZ3	Partial-70/75	100	100	600
TPPO60130	6 x 130	22,161	PZ3	Partial-70/75	100	100	600
TPPO60140	6 x 140	24,935	PZ3	Partial-70/75	100	100	600
TPPO60150	6 x 150	26,970	PZ3	Partial-70/75	100	100	600
TPPO60160	6 x 160	30,042	PZ3	Partial-70/75	100	100	400
TPPO60180	6 x 180	43,945	PZ3	Partial-70/75	100	100	300
TPPO60200	6 x 200	57,217	PZ3	Partial-70/75	100	100	300
TPPO60220	6 x 220	82,649	PZ3	Partial-70/75	100	100	300

• Sizes without CE



More range next page





Countersunk head chipboard screw. PZ

TP-PO

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTPPO25016	2,5 x 16	1,857	40	20
BZTPPO25020	2,5 x 20	1,857	40	20
BZTPPO25025	2,5 x 25	1,857	40	20
BZTPPO30016	3 x 16	1,857	40	20
BZTPPO30020	3 x 20	1,857	40	20
BZTPPO30025	3 x 25	1,857	40	20
BZTPPO30030	3 x 30	1,857	40	20
BZTPPO35016	3,5 x 16	1,857	40	20
BZTPPO35020	3,5 x 20	1,857	40	20
BZTPPO35025	3,5 x 25	1,857	40	20
BZTPPO35030	3,5 x 30	1,857	40	20
BZTPPO35035	3,5 x 35	1,857	20	20
BZTPPO35040	3,5 x 40	1,857	20	20
BZTPPO35050	3,5 x 50	1,857	20	20
BZTPPO40016	4 x 16	1,857	40	20
BZTPPO40020	4 x 20	1,857	40	20
BZTPPO40025	4 x 25	1,857	40	20
BZTPPO40030	4 x 30	1,857	20	20
BZTPPO40035	4 x 35	1,857	20	20
BZTPPO40040	4 x 40	1,857	20	20
BZTPPO40045	4 x 45	1,857	20	20
BZTPPO40050	4 x 50	1,857	10	20
BZTPPO40060	4 x 60	1,857	10	20
BZTPPO45030	4,5 x 30	1,857	20	20
BZTPPO45035	4,5 x 35	1,857	20	20
BZTPPO45040	4,5 x 40	1,857	20	20
BZTPPO45045	4,5 x 45	1,857	10	20
BZTPPO45050	4,5 x 50	1,857	10	20
BZTPPO45060	4,5 x 60	1,857	10	20
BZTPPO45070	4,5 x 70	1,857	10	20
BZTPPO50030	5 x 30	1,857	10	20
BZTPPO50035	5 x 35	1,857	10	20
BZTPPO50040	5 x 40	1,857	10	20
BZTPPO50050	5 x 50	1,857	10	20
BZTPPO50060	5 x 60	1,857	10	20
BZTPPO50070	5 x 70	1,857	4	20
BZTPPO50080	5 x 80	1,857	4	20
BZTPPO50100	5 x 100	1,857	4	20
BZTPPO60040	6 x 40	1,857	10	20
BZTPPO60050	6 x 50	1,857	10	20
BZTPPO60060	6 x 60	1,857	10	20
BZTPPO60070	6 x 70	1,857	4	20
BZTPPO60080	6 x 80	1,857	4	20
BZTPPO60090	6 x 90	1,857	4	20
BZTPPO60100	6 x 100	1,857	4	20

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTTPPO30016	3 x 16	3,323	250	8
VTTPPO30020	3 x 20	3,710	250	8
VTTPPO30025	3 x 25	4,246	250	8
VTTPPO30030	3 x 30	4,463	250	8
VTTPPO30040	3 x 40	5,819	250	8
VTTPPO35016	3,5 x 16	3,574	250	8
VTTPPO35020	3,5 x 20	4,151	250	8
VTTPPO35025	3,5 x 25	4,730	250	8
VTTPPO35030	3,5 x 30	5,206	250	8
VTTPPO35035	3,5 x 35	4,144	150	8
VTTPPO35040	3,5 x 40	4,502	150	8
VTTPPO35050	3,5 x 50	3,963	100	8
VTTPPO40016	4 x 16	4,634	250	8
VTTPPO40020	4 x 20	5,409	250	8
VTTPPO40025	4 x 25	6,138	250	8
VTTPPO40030	4 x 30	4,928	175	8
VTTPPO40035	4 x 35	4,763	150	8
VTTPPO40040	4 x 40	5,228	150	8
VTTPPO40045	4 x 45	6,383	150	8
VTTPPO40050	4 x 50	4,804	100	8
VTTPPO40060	4 x 60	5,456	100	8
VTTPPO45030	4,5 x 30	5,514	150	8
VTTPPO45035	4,5 x 35	5,882	150	8
VTTPPO45040	4,5 x 40	6,498	150	8
VTTPPO45045	4,5 x 45	4,909	90	8
VTTPPO45050	4,5 x 50	5,816	100	8
VTTPPO45060	4,5 x 60	5,481	80	8
VTTPPO45070	4,5 x 70	4,928	60	8
VTTPPO50030	5 x 30	4,496	100	8
VTTPPO50035	5 x 35	5,027	100	8
VTTPPO50040	5 x 40	5,514	100	8
VTTPPO50050	5 x 50	6,729	100	8
VTTPPO50060	5 x 60	6,674	80	8
VTTPPO50070	5 x 70	3,616	35	8
VTTPPO50080	5 x 80	3,534	30	8
VTTPPO50090	5 x 90	4,111	30	8
VTTPPO60040	6 x 40	8,341	100	8
VTTPPO60050	6 x 50	7,689	80	8
VTTPPO60060	6 x 60	6,850	60	8
VTTPPO60070	6 x 70	4,397	30	8
VTTPPO60080	6 x 80	4,661	30	8

TP-PO B

Yellow zinc-plated. PZ recess.



More range previous page

TP-PO

Countersunk head chipboard screw. PZ

TP-PO Z

Zinc-plated. PZ recess.



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100		THREAD LENGTH (mm)	MIN. ORDER QTY.		
•TPPOZ25010	2,5 x 10	0,855	PZ1	Total	2.000	1.000	45.000
•TPPOZ25012	2,5 x 12	0,862	PZ1	Total	2.000	1.000	45.000
•TPPOZ25016	2,5 x 16	0,963	PZ1	Total	2.000	1.000	45.000
TPPOZ25020	2,5 x 20	1,090	PZ1	Total	2.000	1.000	24.000
TPPOZ25025	2,5 x 25	1,172	PZ1	Total	2.000	1.000	24.000
•TPPOZ30012	3 x 12	0,765	PZ1	Total	2.000	1.000	45.000
•TPPOZ30016	3 x 16	0,885	PZ1	Total	2.000	1.000	24.000
•TPPOZ30020	3 x 20	0,997	PZ1	Total	2.000	1.000	24.000
TPPOZ30025	3 x 25	1,161	PZ1	Total	2.000	1.000	12.000
TPPOZ30030	3 x 30	1,247	PZ1	Total	2.000	1.000	12.000
TPPOZ30040	3 x 40	1,643	PZ1	Total	2.000	1.000	6.000
•TPPOZ35016	3,5 x 16	0,978	PZ2	Total	2.000	1.000	24.000
•TPPOZ35020	3,5 x 20	1,161	PZ2	Total	2.000	1.000	12.000
TPPOZ35025	3,5 x 25	1,337	PZ2	Total	2.000	1.000	12.000
TPPOZ35030	3,5 x 30	1,467	PZ2	Total	2.000	1.000	12.000
TPPOZ35035	3,5 x 35	1,837	PZ2	Total	1.000	500	6.000
TPPOZ35040	3,5 x 40	1,997	PZ2	Total	1.000	500	6.000
TPPOZ35050	3,5 x 50	2,610	PZ2	Total	500	250	3.000
•TPPOZ40016	4 x 16	1,258	PZ2	Total	2.000	1.000	16.000
•TPPOZ40020	4 x 20	1,497	PZ2	Total	2.000	1.000	12.000
•TPPOZ40025	4 x 25	1,665	PZ2	Total	2.000	1.000	12.000
TPPOZ40030	4 x 30	1,982	PZ2	Total	1.000	500	6.000
TPPOZ40035	4 x 35	2,191	PZ2	Total	1.000	500	6.000
TPPOZ40040	4 x 40	2,363	PZ2	Total	1.000	500	6.000
TPPOZ40045	4 x 45	2,975	PZ2	Total	1.000	500	3.000
TPPOZ40050	4 x 50	3,255	PZ2	Total	500	250	3.000
TPPOZ40060	4 x 60	3,771	PZ2	Total	500	250	3.000
TPPOZ40070	4 x 70	4,648	PZ2	Partial-52	500	250	1.500
•TPPOZ45020	4,5 x 20	1,889	PZ2	Total	1.000	500	12.000
•TPPOZ45025	4,5 x 25	2,244	PZ2	Total	1.000	500	6.000
•TPPOZ45030	4,5 x 30	2,542	PZ2	Total	1.000	500	6.000
TPPOZ45035	4,5 x 35	2,766	PZ2	Total	1.000	500	6.000
TPPOZ45040	4,5 x 40	3,054	PZ2	Total	1.000	500	3.000
TPPOZ45045	4,5 x 45	3,771	PZ2	Total	500	250	3.000
TPPOZ45050	4,5 x 50	4,017	PZ2	Total	500	250	3.000
TPPOZ45060	4,5 x 60	4,730	PZ2	Total	500	250	3.000
TPPOZ45070	4,5 x 70	5,787	PZ2	Partial-52	500	250	1.500
TPPOZ45080	4,5 x 80	7,220	PZ2	Partial-52	200	100	1.200
•TPPOZ50020	5 x 20	2,330	PZ2	Total	1.000	500	6.000
•TPPOZ50025	5 x 25	2,774	PZ2	Total	1.000	500	6.000
•TPPOZ50030	5 x 30	3,136	PZ2	Total	500	250	6.000
TPPOZ50035	5 x 35	3,539	PZ2	Total	500	250	3.000
TPPOZ50040	5 x 40	3,886	PZ2	Total	500	250	3.000
TPPOZ50045	5 x 45	4,491	PZ2	Total	500	250	3.000
TPPOZ50050	5 x 50	4,741	PZ2	Total	500	250	3.000
TPPOZ50060	5 x 60	5,764	PZ2	Total	500	250	1.500
TPPOZ50070	5 x 70	7,138	PZ2	Partial-52	200	100	1.200
TPPOZ50080	5 x 80	8,135	PZ2	Partial-52	200	100	1.200
TPPOZ50090	5 x 90	9,666	PZ2	Partial-60	200	100	1.200
TPPOZ50100	5 x 100	10,438	PZ2	Partial-60	200	100	1.200
TPPOZ50120	5 x 120	15,743	PZ2	Partial-75	200	100	1.200
•TPPOZ60040	6 x 40	5,880	PZ3	Total	500	250	3.000
TPPOZ60050	6 x 50	6,772	PZ3	Total	500	250	1.500
TPPOZ60060	6 x 60	7,885	PZ3	Total	500	250	1.500
TPPOZ60070	6 x 70	10,222	PZ3	Partial-52	200	100	1.200
TPPOZ60080	6 x 80	11,599	PZ3	Partial-52	200	100	1.200
TPPOZ60090	6 x 90	13,209	PZ3	Partial-60	200	100	1.200
TPPOZ60100	6 x 100	15,023	PZ3	Partial-60	100	100	1.200
TPPOZ60110	6 x 110	17,771	PZ3	Partial-70	100	100	600

• Sizes without CE



More range next page





Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTPOZ30025	3 x 25	4,246	250	8
VTPOZ30030	3 x 30	4,463	250	8
VTPOZ35016	3,5 x 16	3,574	250	8
VTPOZ35020	3,5 x 20	4,151	250	8
VTPOZ35025	3,5 x 25	4,730	250	8
VTPOZ35030	3,5 x 30	5,206	250	8
VTPOZ35035	3,5 x 35	4,144	150	8
VTPOZ35040	3,5 x 40	4,502	150	8
VTPOZ35050	3,5 x 50	3,963	100	8
VTPOZ40016	4 x 16	4,634	250	8
VTPOZ40020	4 x 20	5,409	250	8
VTPOZ40025	4 x 25	6,138	250	8
VTPOZ40030	4 x 30	4,928	175	8
VTPOZ40035	4 x 35	4,763	150	8
VTPOZ40040	4 x 40	5,228	150	8
VTPOZ40045	4 x 45	6,383	150	8
VTPOZ40050	4 x 50	4,804	100	8
VTPOZ40060	4 x 60	5,456	100	8
VTPOZ45030	4,5 x 30	5,514	150	8
VTPOZ45035	4,5 x 35	5,882	150	8
VTPOZ45040	4,5 x 40	6,498	150	8
VTPOZ45045	4,5 x 45	4,909	90	8
VTPOZ45050	4,5 x 50	5,816	100	8
VTPOZ45060	4,5 x 60	5,481	80	8
VTPOZ45070	4,5 x 70	4,928	60	8
VTPOZ50030	5 x 30	4,496	100	8
VTPOZ50035	5 x 35	5,027	100	8
VTPOZ50040	5 x 40	5,514	100	8
VTPOZ50050	5 x 50	6,729	100	8
VTPOZ50060	5 x 60	6,674	80	8
VTPOZ50070	5 x 70	3,616	35	8
VTPOZ50080	5 x 80	3,534	30	8
VTPOZ50090	5 x 90	4,111	30	8
VTPOZ60060	6 x 60	6,850	60	8
VTPOZ60070	6 x 70	4,397	30	8
VTPOZ60080	6 x 80	4,661	30	8

TP-PO Z

Zinc-plated. PZ recess.



More range previous page

TP-TO

Countersunk head chipboard screw. TX recess



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100	MIN. ORDER QTY.		
TPTO30025	3 x 25	1,445	TX10	2.000	1.000 12.000
TPTO30030	3 x 30	1,669	TX10	2.000	1.000 12.000
•TPTO35015	3,5 x 15	1,228	TX15	2.000	1.000 24.000
•TPTO35017	3,5 x 17	1,281	TX15	2.000	1.000 24.000
•TPTO35020	3,5 x 20	1,486	TX15	2.000	1.000 12.000
TPTO35025	3,5 x 25	1,751	TX15	2.000	1.000 12.000
TPTO35030	3,5 x 30	1,911	TX15	2.000	1.000 12.000
TPTO35040	3,5 x 40	2,643	TX15	1.000	500 6.000
TPTO35050	3,5 x 50	3,214	TX15	1.000	500 3.000
•TPTO40020	4 x 20	1,997	TX20	2.000	1.000 12.000
•TPTO40025	4 x 25	2,311	TX20	2.000	1.000 12.000
TPTO40030	4 x 30	2,766	TX20	1.000	500 6.000
TPTO40035	4 x 35	3,151	TX20	1.000	500 6.000
TPTO40040	4 x 40	3,409	TX20	1.000	500 6.000
TPTO40045	4 x 45	3,838	TX20	1.000	500 6.000
TPTO40050	4 x 50	4,379	TX20	500	250 3.000
TPTO40060	4 x 60	4,599	TX20	500	250 3.000
TPTO40070	4 x 70	6,022	TX20	500	250 1.500
•TPTO45030	4,5 x 30	3,341	TX20	1.000	500 6.000
TPTO45035	4,5 x 35	3,614	TX20	1.000	500 6.000
TPTO45040	4,5 x 40	4,174	TX20	1.000	500 6.000
TPTO45045	4,5 x 45	4,891	TX20	500	250 3.000
TPTO45050	4,5 x 50	5,492	TX20	500	250 3.000
TPTO45060	4,5 x 60	6,306	TX20	500	250 3.000
TPTO45070	4,5 x 70	7,411	TX20	500	250 1.500

CODE	SIZE	€/100	MIN. ORDER QTY.		
•TPTO50030	5 x 30	4,297	TX25	500	250 6.000
•TPTO50035	5 x 35	4,689	TX25	500	250 6.000
TPTO50040	5 x 40	5,264	TX25	500	250 3.000
TPTO50045	5 x 45	5,962	TX25	500	250 3.000
TPTO50050	5 x 50	6,388	TX25	500	250 3.000
TPTO50060	5 x 60	7,325	TX25	500	250 1.500
TPTO50070	5 x 70	9,542	TX25	200	100 1.200
TPTO50080	5 x 80	11,028	TX25	200	100 1.200
TPTO50090	5 x 90	12,047	TX25	200	100 1.200
TPTO50100	5 x 100	13,074	TX25	200	100 1.200
TPTO50120	5 x 120	18,099	TX25	200	100 1.200
TPTO60060	6 x 60	10,199	TX30	500	250 1.500
TPTO60070	6 x 70	12,197	TX30	200	100 1.200
TPTO60080	6 x 80	15,030	TX30	200	100 1.200
TPTO60090	6 x 90	18,402	TX30	200	100 1.200
TPTO60100	6 x 100	19,805	TX30	100	100 1.200
TPTO60110	6 x 110	23,091	TX30	100	100 600
TPTO60120	6 x 120	24,830	TX30	100	100 600
TPTO60130	6 x 130	29,598	TX30	100	100 600
TPTO60140	6 x 140	32,835	TX30	100	100 600
TPTO60150	6 x 150	37,781	TX30	100	100 600
TPTO60160	6 x 160	41,832	TX30	100	100 400
TPTO60180	6 x 180	56,060	TX30	100	100 300
TPTO60200	6 x 200	67,293	TX30	100	100 300
TPTO60220	6 x 220	89,917	TX30	100	100 300

• Sizes without CE



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTPTO30025	3 x 25	4,683	250	8
VTPTO30030	3 x 30	5,475	250	8
VTPTO35015	3,5 x 15	4,242	250	8
VTPTO35020	3,5 x 20	5,071	250	8
VTPTO35025	3,5 x 25	5,858	250	8
VTPTO35030	3,5 x 30	6,523	250	8
VTPTO35040	3,5 x 40	5,412	150	8
VTPTO35050	3,5 x 50	4,524	100	8
VTPTO40020	4 x 20	6,818	250	8
VTPTO40025	4 x 25	7,895	250	8
VTPTO40030	4 x 30	6,604	175	8
VTPTO40035	4 x 35	6,459	150	8
VTPTO40040	4 x 40	6,983	150	8
VTPTO40045	4 x 45	7,854	150	8
VTPTO40050	4 x 50	5,987	100	8
VTPTO40060	4 x 60	6,287	100	8
VTPTO45030	4,5 x 30	6,710	150	8

CODE	SIZE	€/BOX	PCS.	BOXES
VTPTO45035	4,5 x 35	7,409	150	8
VTPTO45040	4,5 x 40	8,557	150	8
VTPTO45045	4,5 x 45	6,014	90	8
VTPTO45050	4,5 x 50	7,499	100	8
VTPTO45060	4,5 x 60	6,889	80	8
VTPTO45070	4,5 x 70	6,074	60	8
VTPTO50030	5 x 30	5,872	100	8
VTPTO50035	5 x 35	6,399	100	8
VTPTO50040	5 x 40	7,734	100	8
VTPTO50050	5 x 50	8,730	100	8
VTPTO50060	5 x 60	8,007	80	8
VTPTO50070	5 x 70	4,563	35	8
VTPTO50080	5 x 80	4,518	30	8
VTPTO50090	5 x 90	4,937	30	8
VTPTO60060	6 x 60	8,359	60	8
VTPTO60070	6 x 70	4,996	30	8
VTPTO60080	6 x 80	6,160	30	8

Chipboard screw with countersunk 90° head, 40° thread. Stainless-steel A2

TP-A2

STAINLESS STEEL



CODE	SIZE	€/100			
TPA230016	3 x 16	3,854	PZ1	200	9.000
TPA230025	3 x 25	4,925	PZ1	200	9.000
TPA235020	3,5 x 20	6,500	PZ2	200	9.000
TPA235025	3,5 x 25	7,021	PZ2	200	9.000
TPA235030	3,5 x 30	8,750	PZ2	200	9.000
TPA235040	3,5 x 40	12,436	PZ2	200	4.800
TPA240030	4 x 30	10,633	PZ2	200	9.000
TPA240040	4 x 40	12,555	PZ2	200	4.800
TPA240050	4 x 50	19,705	PZ2	200	4.800
TPA245030	4,5 x 30	12,485	PZ2	200	4.800
TPA245050	4,5 x 50	19,947	PZ2	200	2.400
TPA250050	5 x 50	25,155	PZ2	200	2.400
TPA250070	5 x 70	34,283	PZ2	200	2.400



Chipboard, panhead screw with 40° thread. PZ recess.

TR-PO

WOOD



CODE	SIZE	€/100			
TRP030016	3 x 16	1,588	PZ1	1.000	24.000
TRP030020	3 x 20	1,789	PZ1	1.000	12.000
TRP035016	3,5 x 16	2,086	PZ2	1.000	24.000
TRP035020	3,5 x 20	2,409	PZ2	1.000	12.000
TRP035025	3,5 x 25	2,585	PZ2	1.000	12.000
TRP035030	3,5 x 30	2,853	PZ2	1.000	12.000
TRP035035	3,5 x 35	2,996	PZ2	500	6.000
TRP040016	4 x 16	2,647	PZ2	1.000	12.000
TRP040020	4 x 20	2,765	PZ2	1.000	12.000
TRP040025	4 x 25	3,172	PZ2	1.000	12.000
TRP040030	4 x 30	3,571	PZ2	500	6.000
TRP040035	4 x 35	3,802	PZ2	500	6.000
TRP040040	4 x 40	4,385	PZ2	500	6.000
TRP040050	4 x 50	5,694	PZ2	250	3.000
TRP045016	4,5 x 16	3,241	PZ2	500	12.000
TRP045020	4,5 x 20	3,641	PZ2	500	8.000
TRP045025	4,5 x 25	4,308	PZ2	500	6.000
TRP045030	4,5 x 30	4,829	PZ2	500	6.000
TRP045035	4,5 x 35	5,577	PZ2	500	6.000
TRP045040	4,5 x 40	5,815	PZ2	500	3.000
TRP045045	4,5 x 45	6,442	PZ2	250	3.000
TRP050020	5 x 20	4,866	PZ2	500	6.000
TRP050030	5 x 30	5,661	PZ2	250	6.000
TRP050040	5 x 40	6,607	PZ2	250	3.000
TRP050050	5 x 50	8,342	PZ2	250	3.000



DIN-571

Coach wood screw with hexagonal head

DIN-571

Zinc-plated



Available in different coatings.
Ask for price and delivery time.



CODE	SIZE	€/100			
TB05030	5 x 30	4,476	8	200	4.800
TB05040	5 x 40	5,682	8	200	2.400
TB05050	5 x 50	6,683	8	200	2.400
TB05060	5 x 60	7,545	8	200	2.400
TB06025	6 x 25	5,062	10	200	2.400
TB06030	6 x 30	5,619	10	200	2.400
TB06035	6 x 35	6,444	10	200	2.400
TB06040	6 x 40	6,925	10	200	2.400
TB06045	6 x 45	7,582	10	200	2.400
TB06050	6 x 50	8,288	10	200	2.400
TB06060	6 x 60	9,770	10	200	1.200
TB06070	6 x 70	11,241	10	200	1.200
TB06080	6 x 80	12,313	10	200	1.200
TB06090	6 x 90	14,504	10	100	1.200
TB06100	6 x 100	15,202	10	100	1.200
TB06110	6 x 110	20,029	10	100	1.200
TB06120	6 x 120	20,089	10	100	800
TB07030	7 x 30	9,124	12	200	2.400
TB07040	7 x 40	11,122	12	200	1.600
TB07050	7 x 50	12,917	12	200	1.200
TB07060	7 x 60	15,064	12	100	1.200
TB07070	7 x 70	16,714	12	100	1.200
TB07080	7 x 80	18,420	12	100	800
TB07090	7 x 90	18,734	12	100	400
TB07100	7 x 100	21,175	12	100	600
TB07120	7 x 120	25,894	12	100	600
TB08030	8 x 30	10,801	13	200	1.200
TB08040	8 x 40	12,790	13	200	1.200
TB08045	8 x 45	13,421	13	200	1.200
TB08050	8 x 50	14,717	13	200	1.200
TB08060	8 x 60	16,800	13	200	1.200
TB08070	8 x 70	19,103	13	200	800
TB08080	8 x 80	21,321	13	200	800
TB08090	8 x 90	24,965	13	100	600
TB08100	8 x 100	26,999	13	100	600
TB08110	8 x 110	27,806	13	100	600
TB08120	8 x 120	30,423	13	100	600

CODE	SIZE	€/100			
TB08130	8 x 130	33,570	13	100	400
TB08140	8 x 140	35,627	13	100	400
TB08150	8 x 150	37,516	13	100	400
TB08160	8 x 160	39,581	13	100	400
TB08180	8 x 180	51,509	13	100	300
TB08200	8 x 200	54,096	13	100	300
TB10040	10 x 40	24,995	17	100	600
TB10050	10 x 50	26,006	17	100	600
TB10060	10 x 60	28,362	17	100	600
TB10070	10 x 70	33,436	17	100	600
TB10080	10 x 80	36,015	17	100	400
TB10090	10 x 90	41,731	17	100	400
TB10100	10 x 100	43,303	17	100	400
TB10110	10 x 110	47,380	17	50	300
TB10120	10 x 120	52,229	17	50	300
TB10130	10 x 130	55,022	17	50	300
TB10140	10 x 140	65,673	17	50	200
TB10150	10 x 150	70,276	17	50	200
TB10160	10 x 160	75,018	17	50	200
TB10180	10 x 180	82,219	17	50	150
TB10200	10 x 200	90,444	17	50	150
TB12060	12 x 60	46,409	19	50	300
TB12070	12 x 70	48,940	19	50	300
TB12080	12 x 80	55,671	19	50	300
TB12090	12 x 90	59,326	19	50	300
TB12100	12 x 100	65,953	19	50	300
TB12120	12 x 120	80,177	19	50	200
TB12130	12 x 130	86,128	19	50	100
TB12140	12 x 140	92,669	19	50	100
TB12150	12 x 150	95,962	19	50	200
TB12160	12 x 160	102,540	19	50	200
TB12180	12 x 180	122,901	19	50	150
TB12200	12 x 200	139,974	19	50	150
TB12220	12 x 220	152,690	19	50	100
TB12240	12 x 240	163,770	19	50	100
TB12260	12 x 260	179,532	19	50	100
TB14100	14 x 100	117,910	22	50	200

• Sizes without CE



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTB05030	5 x 30	1,857	4	20
BZTB05040	5 x 40	1,857	4	20
BZTB05050	5 x 50	1,857	4	20
BZTB06030	6 x 30	1,857	4	20
BZTB06040	6 x 40	1,857	4	20
BZTB06050	6 x 50	1,857	4	20
BZTB06060	6 x 60	1,857	4	20
BZTB06070	6 x 70	1,857	4	20
BZTB06080	6 x 80	1,857	4	20
BZTB07050	7 x 50	1,857	4	20
BZTB07060	7 x 60	1,857	4	20
BZTB07070	7 x 70	1,857	4	20
BZTB08040	8 x 40	1,857	4	20
BZTB08050	8 x 50	1,857	4	20
BZTB08060	8 x 60	1,857	4	20
BZTB08070	8 x 70	1,857	4	20
BZTB08080	8 x 80	1,857	4	15
BZTB08090	8 x 90	1,857	2	15
BZTB08100	8 x 100	1,857	2	15
BZTB10050	10 x 50	1,857	2	15
BZTB10060	10 x 60	1,857	2	15
BZTB10080	10 x 80	1,857	2	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTB05040	5 x 40	3,842	50	8
VTB05050	5 x 50	4,518	50	8
VTB06040	6 x 40	4,782	50	8
VTB06050	6 x 50	4,485	40	8
VTB06060	6 x 60	3,930	30	8
VTB07050	7 x 50	4,304	25	8
VTB07060	7 x 60	4,095	20	8
VTB07070	7 x 70	4,430	20	8
VTB07080	7 x 80	4,672	20	8
VTB08050	8 x 50	4,023	20	8
VTB08060	8 x 60	4,595	20	8
VTB08070	8 x 70	5,222	20	8
VTB08080	8 x 80	4,370	15	8
VTB08090	8 x 90	3,330	10	8
VTB08100	8 x 100	3,583	10	8
VTB10070	10 x 70	4,499	10	8
VTB10080	10 x 80	4,774	10	8
VTB10090	10 x 90	5,533	10	8
VTB10100	10 x 100	5,827	10	8

Coach wood screw with hexagonal head

DIN-571

STAINLESS STEEL



CODE	SIZE	€/100			
TBA206040	6 x 40	31,157	10	100	2.400
TBA206050	6 x 50	37,065	10	100	1.200
TBA206060	6 x 60	42,154	10	100	1.200
TBA206070	6 x 70	47,656	10	100	1.200
TBA208050	8 x 50	69,139	13	100	1.200
TBA208060	8 x 60	76,087	13	100	1.200
TBA208070	8 x 70	85,964	13	100	600
TBA208080	8 x 80	96,250	13	100	600
TBA210080	10 x 80	162,876	17	100	400

DIN-571 A2

A2 Stainless steel



WOOD



CODE	SIZE	€/100			
TBR06050	6 x 50	8,554	10	200	1.200
TBR06060	6 x 60	10,076	10	200	1.200
TBR06070	6 x 70	11,594	10	200	1.200
TBR08050	8 x 50	15,176	13	200	1.200
TBR08060	8 x 60	17,325	13	200	800
TBR08070	8 x 70	19,701	13	200	800
TBR08080	8 x 80	21,985	13	200	800
TBR10060	10 x 60	29,249	17	100	600
TBR10080	10 x 80	37,143	17	100	400

571 TR

Full thread



Tamperproof screw with TX recess

INV

WOOD



CODE	SIZE	€/100		MIN. ORDER QTY.		
•INVZ6040	6 x 40	21,980	TX40	200	100	1.200
INVZ6050	6 x 50	23,254	TX40	200	100	1.200
INVZ6060	6 x 60	24,741	TX40	200	100	600
INVZ6070	6 x 70	29,417	TX40	200	100	600
•INVZ7030	7 x 30	20,370	TX40	200	100	1.200
•INVZ7040	7 x 40	20,765	TX40	200	100	1.200
INVZ7050	7 x 50	21,029	TX40	200	100	1.200
INVZ7060	7 x 60	24,057	TX40	200	100	600
INVZ7070	7 x 70	24,384	TX40	200	100	600
INVZ7080	7 x 80	29,396	TX40	200	100	600
INVZ7090	7 x 90	33,770	TX40	200	100	600

INV Z

Zinc-plated



Available in different coatings.
Ask for price and delivery time.

*Sizes without CE



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZINVZ7060	7 x 60	2,345	4	20
BZINVZ7070	7 x 70	2,345	4	20
BZINVZ7080	7 x 80	2,345	4	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VINVZ7060	7 x 60	5,009	15	8
VINVZ7070	7 x 70	5,129	15	8

INV

Tamperproof screw with TX recess

INV A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100			
•INVA27050	7 x 50	80,549	TX40	100	1.200
•INVA27060	7 x 60	93,377	TX40	100	600
INVA27070	7 x 70	95,666	TX40	100	600
INVA27080	7 x 80	105,623	TX40	100	600

• Sizes without CE

INV N

Black



WOOD



CODE	SIZE	€/100			
•INVN6040	6 x 40	25,994	TX40	100	1.200
INVN6050	6 x 50	26,828	TX40	100	1.200
INVN6060	6 x 60	29,712	TX40	100	600
INVN6070	6 x 70	32,596	TX40	100	600
•INVN7030	7 x 30	29,403	TX40	100	1.200
•INVN7040	7 x 40	30,667	TX40	100	1.200
INVN7050	7 x 50	33,774	TX40	100	1.200
INVN7060	7 x 60	37,468	TX40	100	600
INVN7070	7 x 70	39,597	TX40	100	600
INVN7080	7 x 80	43,476	TX40	100	600
INVN7090	7 x 90	46,587	TX40	100	600



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZINVN7060	7 x 60	2,345	4	20
BZINVN7070	7 x 70	2,345	4	20
BZINVN7080	7 x 80	2,345	2	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VINVN7060	7 x 60	7,993	15	8
VINVN7070	7 x 70	8,439	15	8

• Sizes without CE

ESTRINV Z

Tamperproof star. Zinc-plated



WOOD



CODE	SIZE	€/100	MIN. ORDER QTY.	
ESTRINV40Z	Zinc	4,024	400	100

ESTRINV N

Tamperproof star. Black



WOOD



CODE	SIZE	€/100	MIN. ORDER QTY.	
ESTRINV40N	Black zinc	4,717	400	100



Assembly screw

TRE NEW



CODE	SIZE	€/100		
TREZ05050	Ø5 x 50	6,695	300	1.800
TREZ07050	Ø7 x 50	11,182	200	2.400



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZTREZ05050	Ø5 x 50	1,857	4	20
BZTREZ07050	Ø7 x 50	1,857	4	20

CODE	SIZE	€/BOX	PCS.	BOXES
VTREZ05050	Ø5 x 50	4,463	50	8
VTREZ07050	Ø7 x 50	4,292	30	8

TRE-Z

Zinc-plated



CODE	SIZE	€/100		
TREPV05050	Ø5 x 50	7,653	300	1.800
TREPV07050	Ø7 x 50	11,182	200	2.400



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZTREP05050	Ø5 x 50	1,857	4	20
BZTREP07050	Ø7 x 50	1,857	4	20

CODE	SIZE	€/BOX	PCS.	BOXES
VTREP05050	Ø5 x 50	4,978	50	8
VTREP07050	Ø7 x 50	4,463	30	8

TRE-PV

Black



Farmer screw metal-wood

FS



CODE	SIZE	€/100			
AFZN144819	4,8 x 19 P14	10,677	8	250	3.000
AFZN144828	4,8 x 28 P14	12,540	8	250	3.000
AFZN144835	4,8 x 35 P14	13,090	8	250	3.000

FS Z

Zinc-plated



CODE	SIZE	€/100			
AFRT144819	4,8 x 19 P14 3009	13,028	8	250	3.000
AFRT144828	4,8 x 28 P14 3009	14,458	8	250	3.000
AFRT144835	4,8 x 35 P14 3009	17,274	8	250	3.000

FS 3009

RAL 3009. Oxide red



CODE	SIZE	€/100			
AFRD144819	4,8 x 19 P14 3011	13,028	8	250	3.000
AFRD144828	4,8 x 28 P14 3011	14,458	8	250	3.000
AFRD144835	4,8 x 35 P14 3011	17,274	8	250	3.000

FS 3011

RAL 3011. Brown red



FS

Farmer screw metal-wood

FS 5010

RAL 5010. Gentian blue



WOOD

CODE	SIZE	€/100			
• AFAZ144819	4,8 x 19 P14 5010	13,028	8	250	3.000
• AFAZ144828	4,8 x 28 P14 5010	14,458	8	250	3.000
• AFAZ144835	4,8 x 35 P14 5010	17,274	8	250	3.000

• Availability: end of stock

FS 6005

RAL 6005. Moss green



WOOD

CODE	SIZE	€/100			
AFVE144819	4,8 x 19 P14 6005	13,028	8	250	3.000
AFVE144828	4,8 x 28 P14 6005	14,458	8	250	3.000
AFVE144835	4,8 x 35 P14 6005	17,274	8	250	3.000

FS 8004

RAL 8004. Copper brown



WOOD

CODE	SIZE	€/100			
AFMC144819	4,8 x 19 P14 8004	13,028	8	250	3.000
AFMC144828	4,8 x 28 P14 8004	14,458	8	250	3.000
AFMC144835	4,8 x 35 P14 8004	17,274	8	250	3.000

FS 8017

RAL 8017



WOOD

CODE	SIZE	€/100			
AFMD144819	4,8 x 19 P14 8017	13,028	8	250	3.000
AFMD144828	4,8 x 28 P14 8017	14,458	8	250	3.000
AFMD144835	4,8 x 35 P14 8017	17,274	8	250	3.000

FS 8019

RAL 8019. Grey brown



WOOD

CODE	SIZE	€/100			
AFPG144819	4,8 x 19 P14 8019	13,028	8	250	3.000
AFPG144828	4,8 x 28 P14 8019	14,458	8	250	3.000
AFPG144835	4,8 x 35 P14 8019	17,274	8	250	3.000



Farmer screw metal-wood

FS



CODE	SIZE	€/100			
AFGR144819	4,8 x 19 P14 9006	13,028	8	250	3.000
AFGR144828	4,8 x 28 P14 9006	14,458	8	250	3.000
AFGR144835	4,8 x 35 P14 9006	17,274	8	250	3.000

FS 9006

RAL 9006. White aluminium



CODE	SIZE	€/100			
AFBL144819	4,8 x 19 P14 9010	13,028	8	250	3.000
AFBL144828	4,8 x 28 P14 9010	14,458	8	250	3.000
AFBL144835	4,8 x 35 P14 9010	17,274	8	250	3.000

FS 9010

RAL 9010. Pure white



CODE	SIZE	€/100			
AFNE144819	4,8 x 19 P14 9011	13,028	8	250	3.000
AFNE144828	4,8 x 28 P14 9011	14,458	8	250	3.000
AFNE144835	4,8 x 35 P14 9011	17,274	8	250	3.000

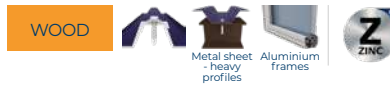
FS 9011

RAL 9011. Jet black



Special extraflat cylindrical head screw with twinfast thread for aluminium. Zinc plated and TX recess

FIMA



CODE	SIZE	€/100			
TFI4825	4,8 x 25	4,947	TX20	500	6.000
TFI4835	4,8 x 35	5,881	TX20	500	6.000
TFI4845	4,8 x 45	7,567	TX20	500	3.000
TFI4855	4,8 x 55	8,855	TX20	500	3.000
TFI4865	4,8 x 65	10,527	TX20	250	1.500
TFI4875	4,8 x 75	12,597	TX20	250	1.500
TFI4890	4,8 x 90	18,856	TX20	250	1.500



A
PERFE
FIXIN
ND



NAILS AND BOLTS



NEW AL-RE

Round steel hook screw



MULTI-MATERIAL



CODE	SIZE	€/100		
ALRE20015	2 x 15 x 7	0,611	500	22.500
ALRE25020	2,5 x 20 x 12	1,322	500	22.500
ALRE25025	2,5 x 25 x 12	1,449	500	22.500
ALRE25030	2,5 x 30 x 12	1,888	300	7.200
ALRE35040	3,5 x 40 x 14	4,649	300	7.200
ALRE35050	3,5 x 50 x 14	4,893	300	7.200
ALRE40060	4 x 60 x 16	6,729	200	4.800
ALRE40070	4 x 70 x 16	8,470	200	1.200
ALRE40080	4 x 80 x 16	9,462	100	1.200



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALRE20015	2 x 15 x 7	1,857	25	20
BZALRE25020	2,5 x 20 x 12	1,857	25	20
BZALRE25025	2,5 x 25 x 12	1,857	25	20
BZALRE25030	2,5 x 30 x 12	1,857	15	20
BZALRE35040	3,5 x 40 x 14	1,857	15	20
BZALRE35050	3,5 x 50 x 14	1,857	15	20
BZALRE40060	4 x 60 x 16	1,857	10	20
BZALRE40070	4 x 70 x 16	1,857	6	20
BZALRE40080	4 x 80 x 16	1,857	4	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VALRE25020	2,5 x 20 x 12	2,506	125	8
VALRE25030	2,5 x 30 x 12	2,712	100	8
VALRE35040	3,5 x 40 x 14	6,283	100	8
VALRE35050	3,5 x 50 x 14	6,386	100	8
VALRE40060	4 x 60 x 16	4,532	50	8
VALRE40070	4 x 70 x 16	5,699	50	8
VALRE40080	4 x 80 x 16	3,845	30	8

NEW AL-PL

Flat steel hook screw



MULTI-MATERIAL



CODE	SIZE	#	€/100		
ALPL45060	4,5 x 60 x 20	4	37,993	100	-
ALPL45080	4,5 x 80 x 20	5	48,101	100	-
ALPL45100	4,5 x 100 x 20	6	66,813	100	-
ALPL50120	5 x 120 x 25	7	98,880	100	-



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALPL45060	4,5 x 60 x 20	3,231	4	20
BZALPL45080	4,5 x 80 x 20	3,231	4	20
BZALPL45100	4,5 x 100 x 20	3,231	2	15
BZALPL50120	5 x 120 x 25	3,231	2	10



Hook screw

AL

MULTI-MATERIAL



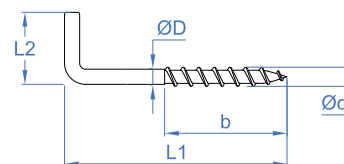
CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALRO14025	14x25 (2,6 x 17 x 10)	2,925	2,6	17	17	10	2	500	22.500
ALRO16030	16x30 (3,1 x 20 x 10)	3,306	3,1	20	20	10	2,4	300	13.500
ALRO17040	17x40 (3,5 x 29 x 13)	4,649	3,5	29	29	13	2,7	300	7.200
ALRO18040	18x40 (3,7 x 28 x 14)	5,246	3,7	28	28	14	2,9	300	7.200
ALRO18050	18x50 (3,7 x 37 x 15)	5,699	3,7	37	37	15	2,9	300	7.200
ALRO19050	19x50 (4,4 x 37 x 15)	7,399	4,4	37	37	15	3,4	200	4.800
ALRO19060	19x60 (4,4 x 46 x 17)	7,958	4,4	46	46	17	3,4	200	4.800
ALRO19070	19x70 (4,4 x 55 x 18)	8,916	4,4	55	55	18	3,4	200	2.400
ALRO20060	20x60 (5 x 44 x 20)	9,747	5	44	44	20	3,9	200	2.400
ALRO20070	20x70 (5 x 53 x 20)	10,448	5	53	53	20	3,9	200	1.600
ALRO20080	20x80 (5 x 63 x 21)	11,701	5	63	63	21	3,9	200	2.400
ALRO21080	21x80 (5,6 x 60 x 22)	14,101	5,6	60	60	22	4,4	200	2.400
ALRO21090	21x90 (5,6 x 70 x 22)	15,615	5,6	70	70	22	4,4	200	800
ALRO22100	22x100 (6 x 79 x 23)	19,488	6	79	79	23	4,7	100	1.200
ALRO22110	22x110 (6 x 86 x 23)	21,191	6	86	86	23	4,7	100	1.200
ALRO22120	22x120 (6 x 97 x 25)	22,104	6	97	97	25	4,7	50	800
ALRO23130	23x130 (7,8 x 105 x 25)	29,922	7,8	105	105	25	5,8	50	600

AL-RO

Threaded hook screw. Zinc plated



02 Technical info P. 3/3



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALRO14025	2,6 x 17 x 10	1,857	25	20
BZALRO16030	3,1 x 20 x 10	1,857	15	20
BZALRO17040	3,5 x 29 x 13	1,857	15	20
BZALRO18040	3,7 x 28 x 14	1,857	15	20
BZALRO18050	3,7 x 37 x 15	1,857	15	20
BZALRO19050	4,4 x 37 x 15	1,857	10	20
BZALRO19060	4,4 x 46 x 17	1,857	10	20
BZALRO19070	4,4 x 55 x 18	1,857	10	20
BZALRO20060	5 x 44 x 20	1,857	8	20
BZALRO20070	5 x 53 x 20	1,857	8	20
BZALRO21080	5,6 x 60 x 22	1,857	6	20
BZALRO21090	5,6 x 70 x 22	1,857	6	20
BZALRO22100	6 x 79 x 23	1,857	4	20
BZALRO22110	6 x 86 x 23	1,857	2	20
BZALRO22120	6 x 97 x 25	1,857	2	20
BZALRO23130	7,8 x 105 x 25	1,857	2	20

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VALRO14025	2,6 x 17 x 10	5,126	125	8
VALRO16030	3,1 x 20 x 10	3,495	75	8
VALRO17040	3,5 x 29 x 13	4,913	75	8
VALRO18040	3,7 x 28 x 14	5,518	75	8
VALRO18050	3,7 x 37 x 15	7,223	90	8
VALRO19050	4,4 x 37 x 15	6,255	60	8
VALRO19060	4,4 x 46 x 17	6,726	60	8
VALRO19070	4,4 x 55 x 18	7,537	60	8
VALRO20060	5 x 44 x 20	8,240	60	8
VALRO20070	5 x 53 x 20	8,830	60	8
VALRO20080	5 x 63 x 21	9,891	60	8
VALRO21080	5,6 x 60 x 22	13,905	60	8
VALRO21090	5,6 x 70 x 22	15,402	70	8
VALRO22100	6 x 79 x 23	9,806	35	8
VALRO22110	6 x 86 x 23	11,265	35	8
VALRO22120	6 x 97 x 25	7,243	20	8
VALRO23130	7,8 x 105 x 25	8,712	20	8

MULTI-MATERIAL



CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALROB16030	16x30 (3,1 x 20 x 10)	7,248	3,1	20	20	10	2,4	300	13.500
ALROB17040	17x40 (3,5 x 29 x 13)	9,157	3,5	29	29	13	2,7	300	7.200
ALROB18050	18x50 (3,7 x 37 x 15)	13,809	3,7	37	37	15	2,9	300	7.200
ALROB19060	19x60 (4,4 x 46 x 17)	15,869	4,4	46	46	17	3,4	200	4.800

AL-RO B NEW

Threaded hook screw. White lacquered



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALROB1630	3,1 x 20 x 10	2,345	15	20
BZALROB1740	3,5 x 29 x 13	2,345	15	20
BZALROB1850	3,7 x 37 x 15	2,345	15	20
BZALROB1960	4,4 x 46 x 17	2,345	10	20

Window Box

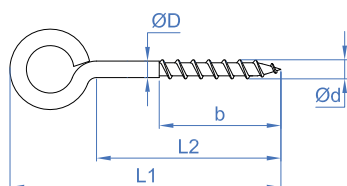
CODE	SIZE	€/BOX	PCS.	BOXES
VALROB16030	3,1 x 20 x 10	7,073	75	8
VALROB17040	3,5 x 29 x 13	8,583	75	8
VALROB18050	3,7 x 37 x 15	12,394	75	8
VALROB19060	4,4 x 46 x 17	9,888	50	8

AL-HC

Closed steel eye bolt. Zinc plated



02 Technical info P. 372



MULTI-MATERIAL



CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALHC14025	14x25 (2,6 x 18 x 7)	2,925	2,6	18	18	10	2,1	500	22.500
ALHC16030	16x30 (3,1 x 22 x 9)	3,306	3,1	22	22	12	2,4	300	13.500
ALHC17040	17x40 (3,5 x 28 x 10)	4,649	3,5	28	28	14	2,7	300	7.200
ALHC18040	18x40 (4,1 x 30 x 10)	5,246	4,1	30	30	15	3,2	300	7.200
ALHC18050	18x50 (3,7 x 39 x 12)	5,699	3,7	39	39	20	3,2	300	7.200
ALHC19050	19x50 (4,4 x 35 x 12)	7,399	4,4	35	35	18	3,4	200	4.800
ALHC19060	19x60 (4,4 x 42 x 15)	7,958	4,4	42	42	22	3,4	200	4.800
ALHC19070	19x70 (4,4 x 44 x 15)	8,916	4,4	44	44	24	3,4	200	4.800
ALHC20050	20x50 (5 x 39 x 12)	9,050	5	39	39	19	3,9	200	4.800
ALHC20060	20x60 (5 x 41 x 12)	9,747	5	41	41	21	3,9	200	3.200
ALHC20070	20x70 (5 x 48 x 14)	10,448	5	48	48	26	3,9	200	2.400
ALHC20080	20x80 (5 x 54 x 18)	11,701	5	54	54	30	3,9	200	2.400
ALHC21070	21x70 (5,6 x 49 x 14)	12,899	5,6	49	49	23	4,4	200	2.400
ALHC21080	21x80 (5,6 x 54 x 14)	14,101	5,6	54	54	28	4,4	200	2.400
ALHC21090	21x90 (5,6 x 61 x 14)	15,615	5,6	61	61	32	4,4	200	1.200
ALHC21100	21x100 (5,6 x 66 x 18)	15,639	5,6	66	66	37	4,4	100	1.200
ALHC22110	22x110 (6 x 76 x 24)	21,191	6	73	73	43	4,7	100	1.200
ALHC22120	22x120 (6 x 81 x 29)	22,104	6	81	81	48	4,7	50	600
ALHC23130	23x130 (6,3 x 89 x 35)	29,922	6,3	89	89	55	5,2	50	600

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALHC14025	2,6 x 18 x 7	1,857	25	20
BZALHC16030	3,1 x 22 x 9	1,857	15	20
BZALHC17040	3,5 x 28 x 10	1,857	15	20
BZALHC18040	4,1 x 30 x 10	1,857	15	20
BZALHC18050	3,7 x 39 x 12	1,857	15	20
BZALHC19050	4,4 x 35 x 12	1,857	10	20
BZALHC19060	4,4 x 42 x 15	1,857	10	20
BZALHC19070	4,4 x 44 x 15	1,857	10	20
BZALHC20060	5 x 41 x 12	1,857	8	20
BZALHC20070	5 x 48 x 14	1,857	8	20
BZALHC20080	5 x 54 x 18	1,857	8	15
BZALHC21080	5,6 x 54 x 14	1,857	6	15
BZALHC21090	5,6 x 61 x 14	1,857	6	15
BZALHC21100	5,6 x 66 x 18	1,857	4	20
BZALHC22110	6 x 76 x 24	1,857	2	20
BZALHC22120	6 x 81 x 29	1,857	2	20
BZALHC23130	6,3 x 89 x 35	1,857	2	20

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VALHC14025	2,6 x 18 x 7	5,126	125	8
VALHC16030	3,1 x 22 x 9	3,495	75	8
VALHC17040	3,5 x 28 x 10	4,913	75	8
VALHC18040	4,1 x 30 x 10	5,518	75	8
VALHC18050	3,7 x 39 x 12	7,223	90	8
VALHC19050	4,4 x 35 x 12	6,255	60	8
VALHC19060	4,4 x 42 x 15	6,726	60	8
VALHC19070	4,4 x 44 x 15	7,537	60	8
VALHC20050	5 x 39 x 12	7,650	60	8
VALHC20060	5 x 41 x 12	8,240	60	8
VALHC20070	5 x 48 x 14	8,830	60	8
VALHC20080	5 x 54 x 18	9,891	60	8
VALHC21070	5,6 x 49 x 14	12,656	70	8
VALHC21080	5,6 x 54 x 14	13,905	70	8
VALHC21090	5,6 x 61 x 14	15,402	70	8
VALHC21100	5,6 x 66 x 18	8,346	35	8
VALHC22110	6 x 76 x 24	11,265	35	8
VALHC22120	6 x 81 x 29	7,243	20	8
VALHC23130	6,3 x 89 x 35	8,712	20	8

NEW AL-HC B

Closed steel eye bolt. White lacquered



MULTI-MATERIAL



CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALHCB16030	16x30 (3,1 x 22 x 9)	7,248	3,1	22	22	12	2,4	300	13.500
ALHCB17040	17x40 (3,5 x 28 x 10)	9,157	3,5	28	28	14	2,7	300	7.200
ALHCB18050	18x50 (3,7 x 39 x 12)	13,809	3,7	39	39	20	3,2	300	7.200
ALHCB19060	19x60 (4,4 x 42 x 15)	15,869	4,4	42	42	22	3,4	200	4.800

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZALHCB1630	3,1 x 22 x 9	2,345	15	20
BZALHCB1740	3,5 x 28 x 10	2,345	15	20
BZALHCB1850	3,7 x 39 x 12	2,345	15	20
BZALHCB1960	4,4 x 42 x 15	2,345	10	20

MULTI-MATERIAL



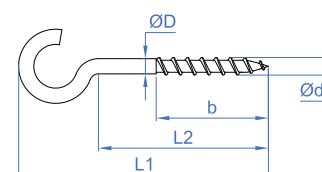
CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALHA14025	14x25 (2,6 x 18 x 7)	2,925	2,6	18	7	10	2,1	500	22.500
ALHA16030	16x30 (3,1 x 22 x 9)	3,306	3,1	22	9	12	2,4	300	13.500
ALHA17040	17x40 (3,5 x 26 x 10)	4,649	3,5	26	10	14	2,7	300	7.200
ALHA18040	18x40 (4,1 x 29 x 10)	5,246	4,1	29	10	15	3,2	300	7.200
ALHA18050	18x50 (3,7 x 34 x 12)	5,699	3,7	34	12	20	3,2	300	3.600
ALHA19050	19x50 (4,4 x 33 x 12)	7,399	4,4	33	12	18	3,4	200	4.800
ALHA19060	19x60 (4,4 x 39 x 15)	7,958	4,4	39	15	22	3,4	200	4.800
ALHA19070	19x70 (4,4 x 41 x 15)	8,916	4,4	41	15	24	3,4	200	2.400
ALHA20050	20x50 (5 x 35 x 12)	9,050	5	35	12	19	3,9	200	2.400
ALHA20060	20x60 (5 x 39 x 12)	9,747	5	39	12	21	3,9	200	2.400
ALHA20070	20x70 (5 x 44 x 14)	10,448	5	44	14	26	3,9	200	2.400
ALHA20080	20x80 (5 x 50 x 18)	11,701	5	50	18	30	3,9	200	2.400
ALHA21070	21x70 (5,6 x 43 x 14)	12,899	5,6	43	14	23	4,4	200	2.400
ALHA21080	21x80 (5,6 x 48 x 14)	14,101	5,6	48	14	28	4,4	200	2.400
ALHA21090	21x90 (5,6 x 56 x 14)	15,615	5,6	56	14	32	4,4	200	1.200
ALHA21100	21x100 (5,6 x 61 x 18)	15,639	5,6	61	18	37	4,4	100	1.200
ALHA22110	22x110 (6 x 69 x 24)	21,191	6	69	24	43	4,7	100	1.200
ALHA22120	22x120 (6 x 74 x 29)	22,104	6	74	29	48	4,7	50	600
ALHA23130	23x130 (6,3 x 89 x 35)	29,922	6,3	82	35	55	5,2	50	600

AL-HA

Open steel eye bolt. Zinc plated



02 Technical info P. 372



Blister

CODE	SIZE	€/BAG	PCS. BAG	BAGS
BZALHA14025	2,6 x 18 x 7	1,857	25	20
BZALHA16030	3,1 x 22 x 9	1,857	15	20
BZALHA17040	3,5 x 26 x 10	1,857	15	20
BZALHA18040	4,1 x 29 x 10	1,857	15	20
BZALHA18050	3,7 x 34 x 12	1,857	15	20
BZALHA19050	4,4 x 33 x 12	1,857	10	20
BZALHA19060	4,4 x 39 x 15	1,857	10	20
BZALHA19070	4,4 x 41 x 15	1,857	10	20
BZALHA20060	5 x 39 x 12	1,857	8	20
BZALHA20070	5 x 44 x 14	1,857	8	20
BZALHA20080	5 x 50 x 18	1,857	8	20
BZALHA21080	5,6 x 48 x 14	1,857	6	20
BZALHA21090	5,6 x 56 x 14	1,857	6	20
BZALHA21100	5,6 x 61 x 18	1,857	5	15
BZALHA22110	6 x 69 x 24	1,857	2	15
BZALHA22120	6 x 74 x 29	1,857	2	15
BZALHA23130	6,3 x 89 x 35	1,857	2	15



Window Box

CODE	SIZE	€/BOX	PCS. BOX	BOXES
VALHA14025	2,6 x 18 x 7	5,126	125	8
VALHA16030	3,1 x 22 x 9	3,495	75	8
VALHA17040	3,5 x 26 x 10	4,913	75	8
VALHA18040	4,1 x 29 x 10	5,518	75	8
VALHA18050	3,7 x 34 x 12	7,223	90	8
VALHA19050	4,4 x 33 x 12	6,255	60	8
VALHA19060	4,4 x 39 x 15	6,726	60	8
VALHA19070	4,4 x 41 x 15	7,537	60	8
VALHA20050	5 x 35 x 12	7,650	60	8
VALHA20060	5 x 39 x 12	8,240	60	8
VALHA20070	5 x 44 x 14	8,830	60	8
VALHA20080	5 x 50 x 18	9,891	60	8
VALHA21070	5,6 x 43 x 14	12,656	70	8
VALHA21080	5,6 x 48 x 14	13,905	70	8
VALHA21090	5,6 x 56 x 14	15,402	70	8
VALHA21100	5,6 x 61 x 18	8,346	35	8
VALHA22110	6 x 69 x 24	11,265	35	8
VALHA22120	6 x 74 x 29	7,243	20	8
VALHA23130	6,3 x 89 x 35	8,712	20	8

MULTI-MATERIAL



CODE	SIZE	€/100	ØD	L1	B	L2	ØD		
ALHAB16030	16x30 (3,1 x 22 x 9)	7,248	3,1	22	9	12	2,4	300	13.500
ALHAB17040	17x40 (3,5 x 26 x 10)	9,157	3,5	26	10	14	2,7	300	7.200
ALHAB18050	18x50 (3,7 x 34 x 12)	13,809	3,7	34	12	20	3,2	300	7.200
ALHAB19060	19x60 (4,4 x 39 x 15)	15,869	4,4	39	15	22	3,4	200	4.800

AL-HA B NEW

Open steel eye bolt. White lacquered



Blister

CODE	SIZE	€/BAG	PCS. BAG	BAGS
BZALHAB1630	16 x 30	2,345	15	20
BZALHAB1740	17 x 40	2,345	15	20
BZALHAB1850	18 x 50	2,345	15	20
BZALHAB1960	19 x 60	2,345	10	20



Window Box

CODE	SIZE	€/BOX	PCS. BOX	BOXES
VALHAB16030	16 x 30	7,073	75	8
VALHAB17040	17 x 40	8,583	75	8
VALHAB18050	18 x 50	12,394	75	8
VALHAB19060	19 x 60	9,888	50	8

HB

Screw eyes

NEW **HC-RM**

Closed-end nut metric thread with screw



MULTI-MATERIAL



CODE	SIZE	€/100		
HCRM03026	3 x 26	27,810	100	4.500
HCRM04035	4 x 35	30,900	100	4.500
HCRM05037	5 x 37	36,908	100	2.400
HCRM06050	6 x 50	74,675	100	1.200
HCRM08060	8 x 60	85,833	100	600
HCRM10065	10 x 65	154,500	50	300
HCRM12075	12 x 75	206,000	50	200



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZHCRM03026	3 x 26	1,857	15	20
BZHCRM04035	4 x 35	1,857	15	20
BZHCRM05037	5 x 37	1,857	8	20
BZHCRM06050	6 x 50	1,857	6	20
BZHCRM08060	8 x 60	1,857	2	20
BZHCRM10065	10 x 65	1,857	2	20

NEW **HA-RM**

Open end nut metric thread with screw



MULTI-MATERIAL



CODE	SIZE	€/100		
HARM03026	3 x 26	27,810	100	4.500
HARM04035	4 x 35	30,900	100	4.500
HARM05037	5 x 37	36,908	100	2.400
HARM06050	6 x 50	74,675	100	1.200
HARM08060	8 x 60	85,833	50	300



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZHARM03026	3 x 26	1,857	15	20
BZHARM04035	4 x 35	1,857	15	20
BZHARM05037	5 x 37	1,857	8	20
BZHARM06050	6 x 50	1,857	6	20
BZHARM08060	8 x 60	1,857	2	20



MULTI-MATERIAL



CODE	SIZE	€/100		
PACP22520	2,25 x 20	0,887	500	22.500
PACP22525	2,25 x 25	1,054	500	22.500
PACP22530	2,25 x 30	1,217	500	12.000
PACP25040	2,50 x 40	1,986	500	12.000
PACP25050	2,50 x 50	2,059	500	6.000
PACP29050	2,90 x 50	2,961	300	3.600
PACP29060	2,90 x 60	3,463	300	3.600
PACP29070	2,90 x 70	3,976	300	2.400
PACP34030	3,40 x 30	2,364	500	4.000
PACP34040	3,40 x 40	2,867	500	6.000
PACP34050	3,40 x 50	4,233	100	4.500
PACP34060	3,40 x 60	4,552	100	2.400
PACP34070	3,40 x 70	5,183	100	2.400
PACP34080	3,40 x 80	6,039	100	1.600

PA-CP

Flat head steel nails



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZPACP22520	2,25 x 20	2,345	50	20
BZPACP22525	2,25 x 25	2,345	50	20
BZPACP22530	2,25 x 30	2,345	50	20
BZPACP25040	2,50 x 40	2,345	35	20
BZPACP25050	2,50 x 50	2,345	30	20
BZPACP29060	2,90 x 60	2,345	20	20
BZPACP29070	2,90 x 70	2,345	20	20
BZPACP34040	3,40 x 40	2,345	20	20
BZPACP34050	3,40 x 50	2,345	10	20
BZPACP34060	3,40 x 60	2,345	10	20
BZPACP34070	3,40 x 70	2,345	10	20

WOOD



CODE	SIZE	€/100		
PACC15015	1,5 x 15	0,395	800	36.000
PACC15020	1,5 x 20	0,496	800	36.000
PACC15025	1,5 x 25	0,693	500	22.500
PACC20025	2 x 25	0,953	500	22.500
PACC20030	2 x 30	1,078	500	12.000
PACC20035	2 x 35	1,234	500	12.000
PACC20040	2 x 40	1,387	500	12.000
PACC20045	2 x 45	1,619	500	6.000
PACC20050	2 x 50	1,771	500	6.000

PA-CC NEW

Copper-plated lead bit conical head



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZPACC15015	1,5 x 15	1,857	75	20
BZPACC15020	1,5 x 20	1,857	50	20
BZPACC15025	1,5 x 25	1,857	50	20
BZPACC20025	2 x 25	1,857	50	20
BZPACC20030	2 x 30	1,857	50	20
BZPACC20035	2 x 35	1,857	50	20
BZPACC20040	2 x 40	1,857	35	20
BZPACC20045	2 x 45	1,857	35	20
BZPACC20050	2 x 50	1,857	30	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VPACC15015	1,5 x 15	1,671	240	8
VPACC15020	1,5 x 20	1,906	240	8
VPACC15025	1,5 x 25	1,689	150	8
VPACC20025	2 x 25	2,215	150	8
VPACC20030	2 x 30	2,426	150	8
VPACC20035	2 x 35	2,774	150	8
VPACC20040	2 x 40	3,120	150	8
VPACC20045	2 x 45	3,466	150	8
VPACC20050	2 x 50	3,640	150	8

NEW PA-CX

Brass bit convex head



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZPACX11010	1,1 x 10	2,345	75	20
BZPACX13012	1,3 x 12	2,345	50	20
BZPACX13020	1,3 x 20	2,345	40	20
BZPACX15016	1,5 x 16	2,345	35	20
BZPACX15025	1,5 x 25	2,345	20	20
BZPACX18030	1,8 x 30	2,345	20	20



NEW GM-Z

U nail



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZGMZ08012	8 x 12	1,857	50	20
BZGMZ10016	10 x 16	1,857	40	20
BZGMZ12020	12 x 20	1,857	50	20
BZGMZ15026	15 x 26	1,857	40	20
BZGMZ17030	17 x 30	1,857	25	20
BZGMZ19035	19 x 35	1,857	15	20

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VGMZ10016	10 x 16	2,426	240	20
VGMZ15026	15 x 26	6,760	200	20
VGMZ19035	19 x 35	7,974	100	20



NEW CF-B

Easy picture hook



Blister

CODE	COLOUR	€/BAG	PCS.	BAGS
BZCFBL	<input type="text"/>	2,345	10	20

Window Box

CODE	COLOUR	€/BOX	PCS.	BOXES
VCFBL	<input type="text"/>	22,846	150	8



CODE	COLOUR	€/100		
CFBL	<input type="text"/>	11,717	200	2.400

Applicator included in the blister and window box packaging



WOOD



CODE	SIZE	€/100		
SVNB01	Big	10,896	300	3.600
SVNB02	Large	14,858	200	2.400





Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZSVNB01	Small	3,231	10	20
BZSVNB02	Large	3,231	8	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VSVNB01	Small	12,306	90	8
VSVNB02	Large	9,672	50	8

SV-NB NEW

White wing grip screw





WOOD



CODE	SIZE	€/100		
SVNM01	Small	10,896	300	3.600
SVNM02	Large	14,858	200	2.400





Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZSVNM01	Small	3,231	10	20
BZSVNM02	Large	3,231	8	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VSVNM01	Small	12,306	90	8
VSVNM02	Large	9,672	50	8





SV-NM NEW

Brown wing grip screw







WOOD



CODE	COLOUR	€/100		
SVCBL		14,858	300	3.600
SVCMA		14,858	300	3.600







Blister

CODE	COLOUR	€/BAG	PCS. 	BAGS 
BZSVCBL		3,231	10	20
BZSVCMA		3,231	10	20



Window Box

CODE	COLOUR	€/BOX	PCS. 	BOXES 
VSVCBL		16,294	90	8
VSVCMA		16,294	90	8

SV-C NEW

2 bit wing grip screw



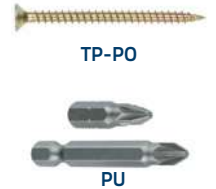
MULTI-REFERENCE CASES

PROFESSIONAL CASE: WOOD CHIPBOARD SCREW + BITS



2.008 pcs.
cod. MLTPPOP101

TP-PO 3 x 20 x300	TP-PO 3 x 25 x250	TP-PO 3,5 x 16 x300	TP-PO 3,5 x 20 x250
TP-PO 3,5 x 25 x200	TP-PO 3,5 x 30 x150	TP-PO 3,5 x 35 x130	TP-PO 4 x 30 x130
TP-PO 4 x 40 x80	TP-PO 4 x 50 x60	TP-PO 5 x 50 x50	TP-PO 5 x 60 x50
TP-PO 5 x 80 x50			BITS x8



CHARACTERISTICS:

- High quality multi-product case
- Size: 31.2 x 23.8 x 5.1 cm. (Width x Depth x Height)
- Ergonomic and easy to use
- Stackable
- Up to 21 configurable spaces
- Adjustable dividers
- Ribbed lid to avoid screws mixing
- Strong, resistant closing mechanism

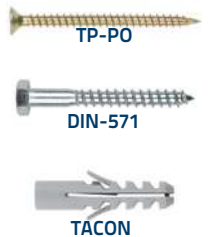
CODE	CONTENT	N° PIECES	€/1 pc.
MLTPPOP101	TP-PO+BITS	2.008	53,892

MULTI-PRODUCT PROFESSIONAL CASE



670 pcs.
cod. MLTBOP101

TP-PO 5 x 60 x30	TP-PO 5 x 70 x20	TP-PO 5 x 80 x20	DIN-571 6 x 60 x25
TP-PO 4 x 50 x50	TP-PO 5 x 50 x50	TACON Ø 10 x15	DIN-571 6 x 50 x30
TP-PO 3,5 x 25 x60	TP-PO 4 x 30 x70	TP-PO 4 x 40 x70	TACON Ø8 x30
			DIN-571 6 x 40 x30
			TACON Ø 6 x150



CHARACTERISTICS:

- High quality multi-product case
- Size: 31.2 x 23.8 x 5.1 cm. (Width x Depth x Height)
- Ergonomic and easy to use
- Stackable
- Up to 21 configurable spaces
- Adjustable dividers
- Ribbed lid to avoid screws mixing
- Strong, resistant closing mechanism

CODE	CONTENT	N° PIECES	€/1 pc.
MLTBOP101	TP-PO+DIN-571 +TACON	670	52,930

MULTI-REFERENCE CASES

TRANSPARENT CASE

CHARACTERISTICS:

- Three compositions adapted to the needs of each customer. (See below).
- Three sizes available for each composition.
- May be hung on shelf. Has a highly resistant hanger.
- Ideal compositions to increase impulse purchases at the point of sale.
- Ribbed lid to avoid screws mixing.

SIZES



LARGE
29,5 x 18,5 x 4,5 cms.
(Width x Depth x Height)



MEDIUM
23,5 x 14,5 x 4 cms.
(Width x Depth x Height)



SMALL
16 x 10,5 x 3,5 cms.
(Width x Depth x Height)

COMPOSITIONS:

WOOD



TP-PO



PU-PO

CODE	CONTENT	SIZE	N° PIECES	€/1 pc.
MLTPPOT101	TP-PO + BITS	SMALL	407	13,945
MLTPPOT201	TP-PO + BITS	MEDIUM	902	25,897
MLTPPOT301	TP-PO + BITS	LARGE	1.742	41,787

MULTI-PRODUCT



TACON



AL-RO



AL-HA



AL-HC



TP-PO Z



DIN-571

CODE	CONTENT	SIZE	N° PIECES	€/1 pc.
MLMULT101	MULTI-PRODUCT	SMALL	165	13,945
MLMULT201	MULTI-PRODUCT	MEDIUM	415	25,897
MLMULT301	MULTI-PRODUCT	LARGE	1.155	41,041

LAMINATED PLASTERBOARD



AL-HC



AL-RO



AL-HA



TP-PO Z



ANCLA



IN-CO



T4S



TAPLANY



TAPLAME
+ DIN-7981

CODE	CONTENT	SIZE	N° PIECES	€/1 pc.
MLPLAT101	MULTI-PRODUCT	SMALL	130	13,945
MLPLAT201	MULTI-PRODUCT	MEDIUM	295	25,897
MLPLAT301	MULTI-PRODUCT	LARGE	455	41,041



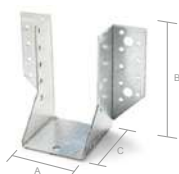
TIMBER CONNECTORS



SO Perforated supports

SO-UO

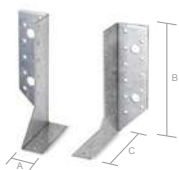
With sealing orifice



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SOU004110	40 x 110 x 80	457,977	4/1/22	11/7/4,6	2	25
SOU006100	60 x 100 x 80	460,962	4/1/22	11/7/4,6	2	25
SOU007125	70 x 125 x 80	509,076	4/1/28	11/7/4,6	2	25
SOU008120	80 x 120 x 80	521,803	4/1/28	11/7/4,6	2	25
SOU010140	100 x 140 x 80	620,482	4/1/34	11/7/4,6	2	10

SO-UR

Variable width with sealing orifice

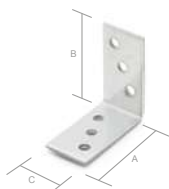


CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SOUR30140DR	26 x 140 x 76	435,519	2/20	11/4,5	2	25
SOUR30140IZ	26 x 140 x 76	435,519	2/20	11/4,5	2	25

SC Wood connectors, angled brackets

SC-EI

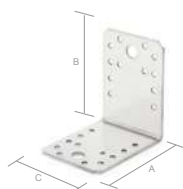
For assembly, perforated with equal holes



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCEI040402	40 x 40 x 20	61,844	6	4,5	2	100
SCEI040404	40 x 40 x 40	97,184	8	4,6	2	50
SCEI040406	40 x 40 x 60	159,106	12	4,6	2	50
SCEI050504	50 x 50 x 40	112,205	8	4,6	2	50
SCEI060604	60 x 60 x 40	150,608	12	5	2	50
SCEI060606	60 x 60 x 60	191,083	18	5	2	50
SCEI060608	60 x 60 x 80	337,281	24	4,6	2	25
SCEI070704	75 x 75 x 40	208,636	12	5	2	50
SCEI080808	80 x 80 x 80	389,462	32	4,6	2	25
SCEI101004	100 x 100 x 40	247,669	20	4,6	2	50
SCEI101010	100 x 100 x 100	612,860	50	4,6	2,5	25

SC-ED

For assembly, perforated with unequal holes



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCED050503	50 x 50 x 35	110,576	2/12	11/4,5	2,5	50
SCED060604	60 x 60 x 45	173,264	2/12	10,4/4,8	2,5	50
SCED070705	70 x 70 x 55	233,165	2/20	10,4/4,6	2,5	50
SCED090904	90 x 90 x 40	248,174	4/16	10,4/4,6	2,5	50
SCED090906	90 x 90 x 65	249,828	5/15	12,8/4,6	2,5	25
SCED101009	105 x 105 x 90	505,274	5/29	12,8/4,6	3	25

HIGH PERFORMANCE CHIPBOARD SCREW FOR WOOD

TEX





Sits perfectly level on any surface.

Lessens possibility of wood cracking

Wood connectors, angled brackets

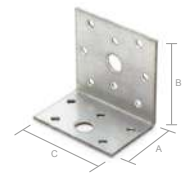
SC



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCLD040606	60 x 60 x 40	245,556	2/13	11/5	2,5	50
SCLD060806	60 x 80 x 60	311,937	2/13	11/5	2,5	50

SC-LD

For equal holes assembly




CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCGA100404	40 x 40 x 100	255,626	16	5	2,4	25

SC-GA

Big angle for corners




CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCRF070705	70 x 70 x 55	236,380	2/12	11/4,6	2	50
SCRF070605	77 x 64 x 50	209,399	2/12	11/4,6	2,5	50
SCRF090906	90 x 90 x 65	248,231	2/24	11/4,5	2,5	25
SCRF101009	100 x 100 x 90	486,067	4/26	13,4/4,6	2,5	25
SCRF151506	150 x 150 x 65	488,444	3/13/1/15	11/5/11x32/4,6	2,5	25

SC-RF

Reinforced




CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCRG090505	50 x 90 x 50	252,651	3/14	11/4,6	2,5	50
SCRG090508	50 x 90 x 80	354,185	5/16	13/4,6	2,5	50

SC-RG

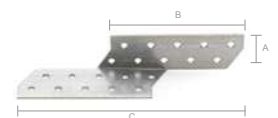
Adjustable



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCAS3317DR	32 x 100 x 170	182,839	20	5	2	50
SCAS3317Z	32 x 100 x 170	182,839	20	5	2	50

SC-AS

Asymmetric, right or left side



CODE	Z T	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCCE200404	40 x 205 x 40	287,500	18	4,5	1,8	10

SC-CE

For concrete

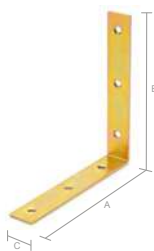


SC

Wood connectors, angled brackets

SC-OB

Yellow zinc-plated for chairs with beveled holes on both sides



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCOB020214	25 x 25 x 15	45,502	4	4	1,8	100
SCOB030314	30 x 30 x 15	52,283	4	4,6	2	100
SCOB040415	40 x 40 x 15	61,038	4	4,5	1,8	100
SCOB050515	50 x 50 x 15	68,628	4	5	2	100
SCOB060618	60 x 60 x 16	75,564	4	5	2	100
SCOB070718	75 x 75 x 18	99,036	4	5,2	2	50
SCOB090920	90 x 90 x 20	129,525	4	6,5	2	50
SCOB101020	100 x 100 x 20	147,499	6	5,5	2	40
SCOB121222	125 x 125 x 22	236,585	6	5,5	2,5	40
SCOB151525	150 x 150 x 25	345,486	6	5,5	3	20

NEW SC-CD Z

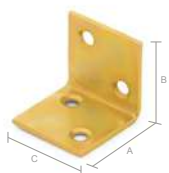
Zinc-plated, large and unequal-sided



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCCDZ402575	25 x 40 x 75	226,663	5	4,6	2	20

SC-CI

Yellow zinc-plated, large and equal-sided



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCCI303030	30 x 30 x 30	82,599	4	4,6	2	100
SCCI404040	40 x 40 x 40	104,551	4	4,6	2	50
SCCI606060	60 x 60 x 60	208,965	8	4,5	2	50

SC-EM

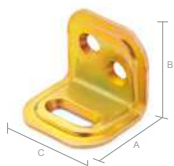
Yellow zinc-plated to be embedded



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCEM081240	80 x 120 x 40	462,863	5	4,7	1,6	20
SCEM101640	100 x 160 x 37	517,220	5	4,5	2	20

SC-ER

Yellow zinc-plated adjustable to be embedded



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCER302525	25 x 25 x 30	103,435	1/2	4,5 x 14/4,5	1,2	50
SCER392822	39 x 28 x 22	88,651	1/1	4,5 x 16/4,5	1	50

Wood connectors, angled brackets

SC



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCGEZ704025	25 x 40 x 70	214,102	2/3	4,5 x 11/4,5	1,5	20


SC-GE Z NEW
Zinc-plated large and adjustable to be embedded



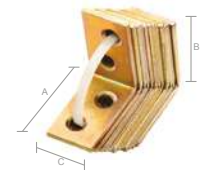
CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCLCZ354030	34 x 38 x 30	121,733	2	5	2	100


SC-LC NEW
Yellow zinc-plated, L-shaped with welded screw for fence panels



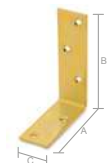
CODE	A x B x C	€/KIT	HOLE NUM	HOLES Ø	THICKNESS	KITS X 
SCMX020214	25 x 25 x 14	3,909	4	4	1,8	10
SCMX030314	30 x 30 x 14	4,316	4	4	1,8	10
SCMX040415	40 x 40 x 15	4,968	4	4,2	1,8	10
SCMX050515	50 x 50 x 15	6,232	4	4,6	1,8	10
SCMX060618	60 x 60 x 18	7,067	4	4,5	1,8	10
SCMX070718	75 x 75 x 18	7,460	4	5	2	10

SC-MX
Yellow zinc-plated for chairs. Pack 10 DCS



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCPD107530	75 x 100 x 30	241,373	5	5	2,5	50
SCPD128035	80 x 120 x 35	414,368	7	4,5	3,5	25

SC-PD
Zinc-plated for posts, unequal-sided



CODE	A x B x C	€/100	HOLE NUM	HOLES Ø	THICKNESS	
SCREZ357565	39 x 75 x 65	515,937	3/2/2	7/7 x 25/7 x 60	3	10

SC-RE Z NEW
Zinc-plated adjustable



HIGH PERFORMANCE CHIPBOARD SCREW FOR WOOD

TEX



Sits perfectly level on any surface.



Lessens possibility of wood cracking

PT

Wood connectors, support

PT-BR

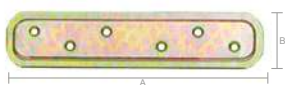
Flat tie



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTBR10035	95 x 35	116,134	2/12	11/4,5	2,5	50
PTBR13355	135 x 55	252,329	2/20	11/4,5	2,5	50

PT-EM

Yellow zinc-plated to be embedded



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTEM18040	180 x 40	308,884	6	4,7	2	20

PT-ET

T-shaped



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTET169845	160 x 98 x 45	1.163,357	4/20	11/4,5	2,5	25

PT-OB

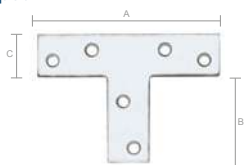
Yellow zinc-plated with beveled holes on both sides



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTOB05015	50 x 15	51,700	4	4	1,6	100
PTOB06015	60 x 15	59,091	4	4,5	2	100
PTOB08015	80 x 15	66,480	4	4,5	1,8	100
PTOB10015	100 x 15	73,871	4	4,5	1,8	100
PTOB12020	120 x 20	81,214	4	5,5	2	100

PT-TT

T-shaped



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTTT030716	70 x 35 x 16	143,545	6	4,3	1,5	50
PTTT111430	140 x 80 x 30	316,724	6	5	2	25

PT-UN

Universal assembly




CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
PTUN12038	120 x 40	125,557	10	11/4,5	2	50
PTUN16038	160 x 40	180,691	12	11/4,5	2	100
PTUN20060	200 x 60	267,336	2/26	11/4,5	2	25
PTUN20080	200 x 80	295,468	2/38	11/4,5	2	25
PTUN24060	240 x 60	371,636	2/32	11/4,5	2	25
PTUN24080	240 x 80	457,977	2/46	11/4,5	2	25

Wood connectors, post anchors

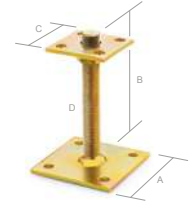
AP




CODE	SIZE	€/100	METRIC	HOLE NUM	THICKNESS	
APAR070	70 x 70 x 100 x 100	3.930,134	M20	8	5	1
APAR150	150 x 150 x 100 x 100	4.653,107	M20	8	5	1

AP-AR

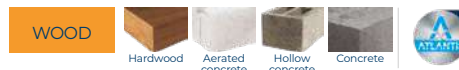
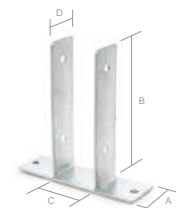
Yellow zinc-plated, height-adjustable




CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
APAT071	71 x 200 x 60 x 50	2.068,198	6	10,5	4	1
APAT091	91 x 200 x 60 x 50	2.313,397	6	10,5	4	1
APAT101	101 x 200 x 60 x 50	2.393,211	6	10,5	4	1

AP-AT

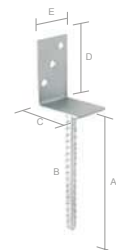
U-shaped to be screwed directly or into already installed rods




CODE	SIZE	€/100	ØD(MM)	HOLE NUM	HOLES Ø	THICKNESS	
APFL801020	80 x 100 x 200 x 60	1.651,579	19	3	11	4	1

AP-FL

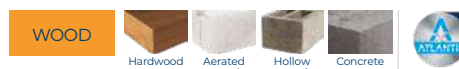
L-shaped welded with corrugated steel bar




CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
APFUZ100	71 - 131 x 110 x 100 x 70	3.882,674	10	10,5	5	1

AP-FU Z NEW

Zinc-plated, U-shaped with adjustable width



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
APPD100	100 x 100 x 150 x 43	3.258,560	8	10,5	5	1

AP-PD

Unequal



AP

Wood connectors, post anchors

AP-PG

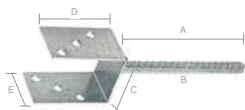
Equal



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	
APPG070	70 x 90 x 70 x 80 x 90	3.374,757	8	8,5	5	1
APPG100	100 x 100 x 100 x 100 x 100	4.027,064	8	10,5	5	1

AP-PT

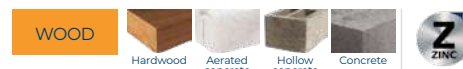
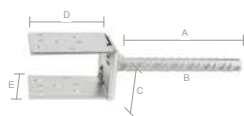
U-shaped welded with corrugated steel bar



CODE	SIZE	€/100	ØD(MM)	HOLE NUM	HOLES Ø	THICKNESS	
APPT071	71 x 100 x 200 x 60	2.052,294	19	6	10,5	4	1
APPT091	91 x 100 x 200 x 60	2.150,970	19	6	10,5	4	1
APPT101	101 x 100 x 200 x 60	2.196,949	19	6	10,5	4	1

NEW AP-UE Z

Zinc-plated, U-shaped to be embedded with adjustable width



CODE	SIZE	€/100	HOLE NUM	THICKNESS	
APUEZ200	71 - 131 x 110 x 200 x 70	4.176,948	6	4,5	1

AP-SB

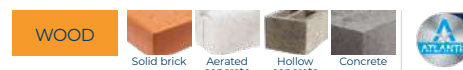
Screw in sleeve



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	MIN. ORDER QTY.	
APSB71	71 x 71 x 150	1.347,097	2	4 x 11	1,8	2	1
APSB91	91 x 91 x 150	1.562,875	2	4 x 11	1,8	2	1

AP-EN

Drive in ground sleeve



CODE	SIZE	€/100	HOLE NUM	HOLES Ø	THICKNESS	MIN. ORDER QTY.	
APEN71	71 x 71 x 750	1.645,615	2	4 x 11	1,8	2	1
APEN91	91 x 91 x 750	1.985,772	2	4 x 11	1,8	2	1

VM-PF

Assorted wood connectors



CODE	SIZE	€/100	
VMPF050	4 x 50	24,048	200



STANDARDISED NUTS AND BOLTS




A PE

DIN-933

Hexagonal bolt with thread up to the head. 8.8

METAL



DIN-933

Zinc plated



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100			
D93304008 NEW	M4 x 8	3,068	7	500	22.500
D93304010 NEW	M4 x 10	3,196	7	500	22.500
D93304012 NEW	M4 x 12	3,266	7	500	12.000
D93304016 NEW	M4 x 16	3,484	7	500	12.000
D93304020 NEW	M4 x 20	4,160	7	500	12.000
D93304025 NEW	M4 x 25	4,659	7	500	6.000
D93304030 NEW	M4 x 30	5,325	7	500	6.000
D93304035 NEW	M4 x 35	5,595	7	250	6.000
D93304040 NEW	M4 x 40	6,919	7	250	3.000
D93304045 NEW	M4 x 45	8,029	7	250	3.000
D93304050 NEW	M4 x 50	9,135	7	250	3.000
D93304060 NEW	M4 x 60	11,957	7	250	3.000
D93305010 NEW	M5 x 10	3,921	8	500	12.000
D93305012 NEW	M5 x 12	4,139	8	500	12.000
D93305016 NEW	M5 x 16	4,361	8	500	6.000
D93305020 NEW	M5 x 20	4,864	8	500	6.000
D93305025 NEW	M5 x 25	5,138	8	500	6.000
D93305030 NEW	M5 x 30	6,178	8	500	6.000
D93305035 NEW	M5 x 35	6,670	8	250	3.000
D93305040 NEW	M5 x 40	7,197	8	250	3.000
D93305045 NEW	M5 x 45	7,630	8	250	3.000
D93305050 NEW	M5 x 50	8,254	8	250	3.000
D93305060 NEW	M5 x 60	9,298	8	250	1.500
D93305070 NEW	M5 x 70	10,251	8	250	3.000
D93306010	M6 x 10	4,791	10	250	6.000
D93306012	M6 x 12	5,262	10	250	6.000
D93306016	M6 x 16	5,647	10	250	6.000
D93306020	M6 x 20	6,486	10	250	3.000
D93306025	M6 x 25	7,131	10	250	3.000
D93306030	M6 x 30	8,213	10	250	3.000
D93306035 NEW	M6 x 35	9,266	10	250	3.000
D93306040	M6 x 40	10,324	10	250	3.000
D93306045	M6 x 45	11,378	10	250	1.500
D93306050	M6 x 50	12,411	10	250	1.500
D93306060 NEW	M6 x 60	14,518	10	100	1.200
D93306065	M6 x 65	15,337	10	100	600
D93306070 NEW	M6 x 70	17,188	10	100	1.200
D93308016	M8 x 16	11,554	13	200	2.400
D93308020	M8 x 20	12,743	13	200	1.600
D93308025	M8 x 25	14,761	13	200	2.400
D93308030	M8 x 30	17,042	13	200	1.200
D93308035	M8 x 35	17,735	13	200	1.200
D93308040	M8 x 40	16,713	13	200	1.200
D93308045 NEW	M8 x 45	19,399	13	200	1.200
D93308050	M8 x 50	21,181	13	200	800
D93308060	M8 x 60	25,431	13	200	800
D93308070	M8 x 70	32,133	13	200	800
D93308080	M8 x 80	41,659	13	100	600
D93308090	M8 x 90	52,395	13	100	600
D93308100	M8 x 100	57,606	13	100	400
D93308110	M8 x 110	137,776	13	100	400
D93308120	M8 x 120	138,632	13	100	400
D93310016	M10 x 16	21,712	17	200	1.200
D93310020	M10 x 20	21,965	17	200	1.200
D93310025	M10 x 25	25,522	17	200	1.200
D93310030	M10 x 30	28,919	17	200	800
D93310035	M10 x 35	30,905	17	200	1.200
D93310040	M10 x 40	31,841	17	200	800
D93310045 NEW	M10 x 45	36,019	17	200	800
D93310050	M10 x 50	38,386	17	200	800
D93310060	M10 x 60	42,758	17	100	600
D93310070	M10 x 70	48,606	17	100	400
D93310080	M10 x 80	56,607	17	100	400
D93310090	M10 x 90	75,993	17	50	300
D93310100 NEW	M10 x 100	83,592	17	50	300
D93312020	M12 x 20	34,344	19	100	1.200
D93312025	M12 x 25	35,384	19	100	600
D93312030	M12 x 30	38,979	19	100	600
D93312035	M12 x 35	43,777	19	100	600
D93312040	M12 x 40	46,436	19	100	600
D93312045	M12 x 45	53,404	19	100	600
D93312050	M12 x 50	55,103	19	100	400
D93312060	M12 x 60	59,661	19	100	400
D93312070	M12 x 70	72,093	19	100	400
D93312080	M12 x 80	88,601	19	50	300
D93312090	M12 x 90	109,353	19	50	300
D93312100	M12 x 100	123,580	19	25	300
D93312110	M12 x 110	181,639	19	25	300
D93312120	M12 x 120	196,466	19	25	300
D93314030	M14 x 30	71,864	22	50	400
D93314035 NEW	M14 x 35	76,821	22	50	300
D93314040	M14 x 40	82,209	22	50	300
D93314045 NEW	M14 x 45	90,983	22	50	300
D93314050	M14 x 50	98,589	22	50	300
D93314060	M14 x 60	111,093	22	50	300
D93314070	M14 x 70	125,421	22	50	300
D93314080	M14 x 80	136,538	22	25	150
D93314090	M14 x 90	163,724	22	25	150
D93314100	M14 x 100	184,111	22	25	150
D93314110	M14 x 110	213,723	22	25	150
D93314120 NEW	M14 x 120	243,655	22	25	150
D93316030	M16 x 30	105,314	24	50	300
D93316035 NEW	M16 x 35	110,978	24	50	300
D93316040	M16 x 40	93,226	24	50	300
D93316045	M16 x 45	120,862	24	50	300
D93316050	M16 x 50	121,226	24	50	300
D93316060	M16 x 60	122,685	24	50	200
D93316070	M16 x 70	159,695	24	25	150
D93316080	M16 x 80	174,405	24	25	150
D93316090	M16 x 90	185,512	24	25	150
D93316100	M16 x 100	232,918	24	25	150
D93316110	M16 x 110	325,915	24	25	150
D93316120	M16 x 120	342,964	24	25	150
D93318030 NEW	M18 x 30	156,239	27	25	150
D93318035 NEW	M18 x 35	161,044	27	25	300
D93318040	M18 x 40	169,974	27	25	300
D93318045 NEW	M18 x 45	176,738	27	25	300
D93318050	M18 x 50	183,837	27	25	150
D93318060	M18 x 60	203,126	27	25	150
D93318070	M18 x 70	245,319	27	25	150
D93318080	M18 x 80	264,001	27	25	150
D93318090	M18 x 90	344,171	27	25	150
D93318100	M18 x 100	386,360	27	25	150
D93318110	M18 x 110	532,827	27	25	100
D93318120 NEW	M18 x 120	591,445	27	25	100
D93320030	M20 x 30	159,016	30	25	150
D93320035 NEW	M20 x 35	163,956	30	25	150
D93320040	M20 x 40	201,472	30	25	150
D93320045 NEW	M20 x 45	183,057	30	25	150
D93320050	M20 x 50	188,299	30	25	150
D93320060	M20 x 60	231,601	30	25	150
D93320070	M20 x 70	256,311	30	25	100
D93320080	M20 x 80	281,254	30	10	120
D93320090	M20 x 90	344,171	30	10	60
D93320100	M20 x 100	387,927	30	10	60
D93320110	M20 x 110	534,782	30	10	60
D93320120	M20 x 120	558,130	30	10	60





BLISTER and WINDOW BOX
Next page

 Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ3Z04008	M4 x 8	1,857	6	20
BZ3Z04010	M4 x 10	1,857	6	20
BZ3Z04012	M4 x 12	1,857	6	20
BZ3Z04016	M4 x 16	1,857	6	20
BZ3Z04020	M4 x 20	1,857	6	20
BZ3Z04025	M4 x 25	1,857	6	20
BZ3Z04030	M4 x 30	1,857	6	20
BZ3Z04035	M4 x 35	1,857	6	20
BZ3Z04040	M4 x 40	1,857	6	20
BZ3Z04045	M4 x 45	1,857	6	20
BZ3Z04050	M4 x 50	1,857	6	20
BZ3Z04060	M4 x 60	1,857	6	20
BZ3Z05010	M5 x 10	1,857	6	20
BZ3Z05012	M5 x 12	1,857	6	20
BZ3Z05015	M5 x 15	1,857	6	20
BZ3Z05016	M5 x 16	1,857	6	20
BZ3Z05020	M5 x 20	1,857	6	20
BZ3Z05025	M5 x 25	1,857	6	20
BZ3Z05030	M5 x 30	1,857	6	20
BZ3Z05035	M5 x 35	1,857	6	20
BZ3Z05040	M5 x 40	1,857	6	20
BZ3Z05045	M5 x 45	1,857	6	20
BZ3Z05050	M5 x 50	1,857	6	20
BZ3Z06016	M6 x 16	1,857	6	20
BZ3Z06020	M6 x 20	1,857	6	20
BZ3Z06025	M6 x 25	1,857	6	20
BZ3Z06030	M6 x 30	1,857	6	20
BZ3Z06040	M6 x 40	1,857	6	20
BZ3Z06050	M6 x 50	1,857	6	20
BZ3Z06060	M6 x 60	1,857	4	20
BZ3Z06070	M6 x 70	1,857	4	20
BZ3Z08016	M8 x 16	1,857	4	20
BZ3Z08020	M8 x 20	1,857	4	20
BZ3Z08025	M8 x 25	1,857	4	20
BZ3Z08030	M8 x 30	1,857	4	20
BZ3Z08040	M8 x 40	1,857	4	20
BZ3Z08050	M8 x 50	1,857	4	20
BZ3Z08060	M8 x 60	1,857	4	20
BZ3Z08070	M8 x 70	1,857	4	20
BZ3Z08080	M8 x 80	1,857	4	20
BZ3Z10030	M10 x 30	1,857	2	20
BZ3Z10040	M10 x 40	1,857	2	20
BZ3Z10050	M10 x 50	1,857	2	20

 Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD93304008	M4 x 8	4,254	100	8
VD93304010	M4 x 10	4,432	100	8
VD93304012	M4 x 12	4,528	100	8
VD93304016	M4 x 16	4,831	100	8
VD93304020	M4 x 20	5,562	100	8
VD93304025	M4 x 25	5,169	80	8
VD93304030	M4 x 30	5,485	80	8
VD93304040	M4 x 40	4,455	50	8
VD93304050	M4 x 50	4,884	40	8
VD93304060	M4 x 60	7,226	40	8
VD93305010	M5 x 10	5,048	100	8
VD93305012	M5 x 12	4,263	80	8
VD93305016	M5 x 16	4,665	80	8
VD93305020	M5 x 20	4,552	70	8
VD93305025	M5 x 25	4,579	60	8
VD93305030	M5 x 30	3,671	40	8
VD93305040	M5 x 40	3,518	30	8
VD93305050	M5 x 50	2,988	15	8
VD93305060	M5 x 60	3,146	15	8
VD93305070	M5 x 70	2,892	10	8
VD93306016	M6 x 16	3,829	50	8
VD93306020	M6 x 20	4,339	50	8
VD93306025	M6 x 25	4,292	45	8
VD93306030	M6 x 30	4,391	40	8
VD93306040	M6 x 40	4,141	30	8
VD93306050	M6 x 50	2,985	15	8
VD93306060	M6 x 60	3,361	15	8
VD93306070	M6 x 70	3,831	15	8
VD93308016	M8 x 16	6,276	40	8
VD93308020	M8 x 20	6,115	35	8
VD93308025	M8 x 25	5,919	30	8
VD93308030	M8 x 30	5,699	25	8
VD93308040	M8 x 40	4,535	20	8
VD93308050	M8 x 50	4,313	15	8
VD93308060	M8 x 60	5,178	15	8
VD93308070	M8 x 70	6,444	15	8
VD93308080	M8 x 80	5,570	10	8
VD93308100	M8 x 100	7,416	10	8
VD93310020	M10 x 20	4,514	15	8
VD93310030	M10 x 30	5,799	15	8
VD93310040	M10 x 40	4,257	10	8
VD93310050	M10 x 50	5,132	10	8
VD93310060	M10 x 60	5,717	10	8
VD93310070	M10 x 70	6,498	10	8
VD93310080	M10 x 80	7,568	10	8
VD93312030	M12 x 30	5,205	10	8
VD93312040	M12 x 40	5,091	8	8
VD93312050	M12 x 50	4,419	6	8
VD93312060	M12 x 60	4,910	6	8
VD93312070	M12 x 70	5,783	6	8
VD93312080	M12 x 80	7,108	6	8



More range previous
page

DIN-933

Hexagonal bolt with thread up to the head.

STAINLESS STEEL



NEW DIN-933 A2

Stainless steel A2



CODE	SIZE	€/100			
D933IM04010	M4 x 10	10,005	7	500	12.000
D933IM04016	M4 x 16	11,988	7	500	12.000
D933IM04020	M4 x 20	13,790	7	500	8.000
D933IM04025	M4 x 25	14,872	7	500	8.000
D933IM04030	M4 x 30	17,035	7	500	6.000
D933IM04035	M4 x 35	20,911	7	250	6.000
D933IM04040	M4 x 40	23,254	7	250	6.000
D933IM05010	M5 x 10	10,455	8	500	8.000
D933IM05016	M5 x 16	12,258	8	500	-
D933IM05020	M5 x 20	13,881	8	500	6.000
D933IM05025	M5 x 25	15,954	8	500	4.000
D933IM05030	M5 x 30	18,477	8	500	4.000
D933IM05035	M5 x 35	20,460	8	250	3.000
D933IM05040	M5 x 40	22,984	8	250	3.000
D933IM05050	M5 x 50	28,122	8	250	3.000
D933IM06010	M6 x 10	17,541	10	250	6.000
D933IM06016	M6 x 16	18,581	10	250	4.000
D933IM06020	M6 x 20	21,528	10	250	4.000
D933IM06025	M6 x 25	22,367	10	250	3.000
D933IM06030	M6 x 30	25,986	10	250	3.000
D933IM06035	M6 x 35	29,387	10	250	2.000
D933IM06040	M6 x 40	32,483	10	250	2.000
D933IM06050	M6 x 50	38,546	10	250	1.500
D933IM08016	M8 x 16	34,289	13	200	1.600
D933IM08020	M8 x 20	37,166	13	200	1.600
D933IM08025	M8 x 25	41,957	13	200	1.600
D933IM08030	M8 x 30	46,647	13	200	1.200
D933IM08035	M8 x 35	51,327	13	200	1.200
D933IM08040	M8 x 40	56,656	13	200	1.200
D933IM08050	M8 x 50	68,172	13	200	800
D933IM08060	M8 x 60	77,806	13	200	800
D933IM08070	M8 x 70	93,239	13	200	800
D933IM08080	M8 x 80	106,569	13	100	600
D933IM08090	M8 x 90	118,071	13	100	600
D933IM08100	M8 x 100	132,475	13	100	600
D933IM10020	M10 x 20	69,860	17	200	800
D933IM10025	M10 x 25	73,268	17	200	800
D933IM10030	M10 x 30	80,291	17	200	800
D933IM10035	M10 x 35	87,533	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	92,435	17	200	-
D933IM10050	M10 x 50	110,115	17	200	-
D933IM10060	M10 x 60	126,100	17	100	600
D933IM10070	M10 x 70	142,241	17	100	400
D933IM10080	M10 x 80	167,367	17	100	400
D933IM10090	M10 x 90	188,559	17	50	300
D933IM10100	M10 x 100	212,756	17	50	300
D933IM12020	M12 x 20	114,684	19	100	600
D933IM12030	M12 x 30	119,288	19	100	600
D933IM12040	M12 x 40	134,437	19	100	400
D933IM12050	M12 x 50	155,144	19	100	400
D933IM12060	M12 x 60	176,831	19	100	400
D933IM12070	M12 x 70	198,744	19	100	-
D933IM12080	M12 x 80	248,328	19	50	300
D933IM12090	M12 x 90	271,873	19	50	300
D933IM12100	M12 x 100	295,429	19	25	150
D933IM14030	M14 x 30	224,782	22	50	-
D933IM14040	M14 x 40	246,189	22	50	300
D933IM14050	M14 x 50	280,443	22	50	300
D933IM14060	M14 x 60	318,975	22	50	200
D933IM14070	M14 x 70	355,368	22	50	200
D933IM14080	M14 x 80	381,715	22	25	150
D933IM14100	M14 x 100	523,553	22	25	150
D933IM16030	M16 x 30	248,217	24	50	300
D933IM16040	M16 x 40	257,709	24	50	200
D933IM16050	M16 x 50	293,914	24	50	200
D933IM16060	M16 x 60	334,377	24	50	200
D933IM16070	M16 x 70	372,712	24	25	150
D933IM16080	M16 x 80	413,175	24	25	150
D933IM16090	M16 x 90	487,587	24	25	150
D933IM16100	M16 x 100	528,174	24	25	100
D933IM18030	M18 x 30	496,239	27	25	100
D933IM18040	M18 x 40	524,850	27	25	200
D933IM18050	M18 x 50	573,331	27	25	150
D933IM18060	M18 x 60	640,772	27	25	150
D933IM18070	M18 x 70	712,424	27	25	100
D933IM18080	M18 x 80	779,889	27	25	100
D933IM18090	M18 x 90	847,343	27	25	100
D933IM18100	M18 x 100	914,794	27	25	100



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ3I04010	M4 x 10	2,345	6	20
BZ3I04016	M4 x 16	2,345	6	20
BZ3I04020	M4 x 20	2,345	6	20
BZ3I04030	M4 x 30	2,345	6	20
BZ3I04040	M4 x 40	2,345	6	20
BZ3I05010	M5 x 10	2,345	6	20
BZ3I05016	M5 x 16	2,345	6	20
BZ3I05020	M5 x 20	2,345	6	20
BZ3I05025	M5 x 25	#N/D	6	20
BZ3I05030	M5 x 30	2,345	6	20
BZ3I05040	M5 x 40	2,345	6	20
BZ3I05050	M5 x 50	2,345	6	20
BZ3I06016	M6 x 16	2,345	6	20
BZ3I06020	M6 x 20	2,345	6	20
BZ3I06025	M6 x 25	2,345	6	20
BZ3I06030	M6 x 30	2,345	6	20
BZ3I06040	M6 x 40	2,345	6	20
BZ3I06050	M6 x 50	2,345	6	20
BZ3I08016	M8 x 16	2,345	4	20
BZ3I08020	M8 x 20	2,345	4	20
BZ3I08025	M8 x 25	2,345	4	20
BZ3I08030	M8 x 30	2,345	4	20
BZ3I08040	M8 x 40	2,345	4	20
BZ3I08050	M8 x 50	2,345	4	20
BZ3I08060	M8 x 60	2,345	4	20
BZ3I10020	M10 x 20	2,345	2	20
BZ3I10030	M10 x 30	2,345	2	20
BZ3I10040	M10 x 40	2,345	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD933I04010	M4 x 10	5,351	40	8
VD933I04016	M4 x 16	6,411	40	8
VD933I04020	M4 x 20	7,107	40	8
VD933I04030	M4 x 30	6,833	30	8
VD933I04040	M4 x 40	7,485	25	8
VD933I05010	M5 x 10	5,592	40	8
VD933I05016	M5 x 16	6,556	40	8
VD933I05020	M5 x 20	7,423	40	8
VD933I05030	M5 x 30	4,941	20	8
VD933I05040	M5 x 40	6,146	20	8
VD933I05050	M5 x 50	3,948	10	8
VD933I06010	M6 x 10	7,036	30	8
VD933I06016	M6 x 16	7,177	30	8
VD933I06020	M6 x 20	8,315	30	8
VD933I06025	M6 x 25	7,200	25	8
VD933I06030	M6 x 30	8,365	25	8
VD933I06040	M6 x 40	6,515	15	8
VD933I06050	M6 x 50	5,154	10	8
VD933I08016	M8 x 16	9,169	20	8
VD933I08020	M8 x 20	9,938	20	8
VD933I08025	M8 x 25	11,220	20	8
VD933I08030	M8 x 30	9,355	15	8
VD933I08040	M8 x 40	7,575	10	8
VD933I08050	M8 x 50	9,114	10	8
VD933I08060	M8 x 60	10,403	10	8
VD933I10020	M10 x 20	9,340	10	8
VD933I10030	M10 x 30	10,735	10	8
VD933I10040	M10 x 40	12,359	10	8
VD933I10050	M10 x 50	14,723	10	8
VD933I10060	M10 x 60	16,860	10	8



Hexagonal head bolt 8.8

DIN-931 **NEW**

METAL



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100			
D931806030	M6 x 30	8,393	10	250	3.000
D931806035	M6 x 35	9,946	10	250	2.000
D931806040	M6 x 40	10,674	10	250	2.000
D931806045	M6 x 45	12,012	10	250	2.000
D931806050	M6 x 50	12,747	10	250	1.500
D931806060	M6 x 60	15,499	10	100	1.200
D931806070	M6 x 70	19,760	10	100	1.200
D931808030	M8 x 30	17,250	13	200	1.200
D931808035	M8 x 35	18,255	13	200	1.200
D931808040	M8 x 40	19,448	13	200	1.200
D931808045	M8 x 45	21,479	13	200	1.200
D931808050	M8 x 50	22,797	13	250	1.000
D931808060	M8 x 60	26,849	13	250	-
D931808070	M8 x 70	32,926	13	250	-
D931808080	M8 x 80	43,375	13	100	600
D931808090	M8 x 90	54,073	13	100	600
D931808100	M8 x 100	58,240	13	100	600
D931808110	M8 x 110	62,428	13	100	400
D931808120	M8 x 120	69,205	13	100	400
D931808130	M8 x 130	76,076	13	50	400
D931808140	M8 x 140	78,655	13	50	400
D931808150	M8 x 150	83,613	13	50	400
D931810035	M10 x 35	32,854	17	200	800
D931810040	M10 x 40	33,821	17	200	-
D931810045	M10 x 45	38,102	17	200	-
D931810050	M10 x 50	44,491	17	200	-
D931810060	M10 x 60	45,278	17	100	600
D931810070	M10 x 70	50,502	17	100	400
D931810080	M10 x 80	59,533	17	10	400
D931810090	M10 x 90	69,638	17	50	300
D931810100	M10 x 100	77,345	17	50	300
D931810110	M10 x 110	87,201	17	50	300
D931810120	M10 x 120	94,075	17	50	300
D931810130	M10 x 130	101,813	17	50	200
D931810140	M10 x 140	104,295	17	50	200
D931810150	M10 x 150	113,221	17	25	200
D931812040	M12 x 40	48,221	19	100	400
D931812045	M12 x 45	55,134	19	100	400
D931812050	M12 x 50	60,563	19	100	400
D931812060	M12 x 60	62,719	19	100	-
D931812070	M12 x 70	73,632	19	100	-
D931812080	M12 x 80	89,263	19	50	300
D931812090	M12 x 90	92,390	19	50	200
D931812100	M12 x 100	101,050	19	25	200
D931812110	M12 x 110	118,095	19	25	200
D931812120	M12 x 120	127,012	19	25	200

CODE	SIZE	€/100			
D931812130	M12 x 130	140,234	19	25	200
D931812140	M12 x 140	147,202	19	25	-
D931812150	M12 x 150	154,426	19	10	120
D931814050	M14 x 50	98,779	22	50	300
D931814060	M14 x 60	112,185	22	50	200
D931814070	M14 x 70	125,840	22	50	200
D931814080	M14 x 80	137,783	22	25	150
D931814090	M14 x 90	165,027	22	25	150
D931814100	M14 x 100	190,486	22	25	150
D931814110	M14 x 110	209,030	22	25	150
D931814120	M14 x 120	213,127	22	25	150
D931814130	M14 x 130	217,831	22	25	100
D931814140	M14 x 140	222,893	22	25	100
D931814150	M14 x 150	235,591	22	10	120
D931816050	M16 x 50	123,146	24	50	200
D931816060	M16 x 60	125,726	24	50	200
D931816070	M16 x 70	131,394	24	25	150
D931816080	M16 x 80	146,539	24	25	150
D931816090	M16 x 90	161,644	24	25	150
D931816100	M16 x 100	192,247	24	25	100
D931816110	M16 x 110	211,803	24	25	100
D931816120	M16 x 120	226,425	24	25	100
D931816130	M16 x 130	238,874	24	25	100
D931816140	M16 x 140	245,641	24	25	100
D931816150	M16 x 150	272,151	24	10	80
D931818060	M18 x 60	225,292	27	25	150
D931818070	M18 x 70	234,673	27	25	100
D931818080	M18 x 80	265,079	27	25	100
D931818090	M18 x 90	271,783	27	25	100
D931818100	M18 x 100	296,400	27	25	100
D931818110	M18 x 110	314,340	27	10	80
D931818120	M18 x 120	354,945	27	10	80
D931818130	M18 x 130	468,974	27	10	80
D931818140	M18 x 140	500,601	27	10	80
D931818150	M18 x 150	532,373	27	10	-
D931820060	M20 x 60	232,679	30	25	100
D931820070	M20 x 70	257,712	30	25	100
D931820080	M20 x 80	284,045	30	25	100
D931820090	M20 x 90	344,715	30	25	-
D931820100	M20 x 100	396,479	30	25	-
D931820110	M20 x 110	444,860	30	10	-
D931820120	M20 x 120	480,456	30	10	-
D931820130	M20 x 130	514,069	30	10	-
D931820140	M20 x 140	547,494	30	10	60
D931820150	M20 x 150	582,733	30	5	30



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ93106030	M6 x 30	1,857	6	20
BZ93106040	M6 x 40	1,857	6	20
BZ93106050	M6 x 50	1,857	6	20
BZ93106060	M6 x 60	1,857	4	20
BZ93106070	M6 x 70	1,857	4	20
BZ93108030	M8 x 30	1,857	4	20
BZ93108040	M8 x 40	1,857	4	20
BZ93108050	M8 x 50	1,857	4	20
BZ93108060	M8 x 60	1,857	4	20
BZ93108070	M8 x 70	1,857	4	20
BZ93108080	M8 x 80	1,857	4	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD93106030	M6 x 30	5,036	40	8
VD93106040	M6 x 40	4,803	30	8
VD93106050	M6 x 50	3,184	15	8
VD93106060	M6 x 60	3,560	15	8
VD93106070	M6 x 70	4,235	15	8
VD93108030	M8 x 30	6,039	25	8
VD93108040	M8 x 40	5,251	20	8
VD93108050	M8 x 50	4,617	15	8
VD93108060	M8 x 60	5,437	15	8
VD93108070	M8 x 70	6,667	15	8
VD93108080	M8 x 80	5,855	10	8
VD93110040	M10 x 40	4,847	10	8
VD93110050	M10 x 50	6,006	10	8
VD93110060	M10 x 60	6,113	10	8
VD93110070	M10 x 70	6,818	10	8
VD93110080	M10 x 80	8,037	10	8
VD93112050	M12 x 50	4,906	6	8
VD93112060	M12 x 60	5,300	6	8
VD93112070	M12 x 70	5,964	6	8
VD93112080	M12 x 80	7,230	6	8

DIN-6921

Hexagonal flanged bolt with serration 8.8

METAL



Available in diferent coatings.
Ask for price and delivery time.

CODE	SIZE	€/100			
D692105010	M5 x 10	6,946	8	500	6.000
D692105012	M5 x 12	7,564	8	500	4.000
D692105016	M5 x 16	8,473	8	500	4.000
D692105020	M5 x 20	8,693	8	500	3.000
D692105025	M5 x 25	10,043	8	500	3.000
D692105030	M5 x 30	11,725	8	500	3.000
D692106010	M6 x 10	10,262	10	250	-
D692106012	M6 x 12	10,575	10	250	3.000
D692106016	M6 x 16	11,509	10	250	3.000
D692106020	M6 x 20	12,686	10	250	300
D692106025	M6 x 25	14,187	10	250	2.000
D692106030	M6 x 30	16,459	10	250	2.000
D692106035	M6 x 35	16,806	10	250	1.500
D692108012	M8 x 12	20,380	13	200	1.600
D692108016	M8 x 16	21,187	13	200	1.600
D692108020	M8 x 20	21,644	13	200	-
D692108025	M8 x 25	25,214	13	200	-
D692108030	M8 x 30	28,016	13	200	1.200
D692108035	M8 x 35	31,178	13	200	1.200
D692108040	M8 x 40	32,424	13	200	800
D692108050	M8 x 50	35,370	13	200	800
D692108060	M8 x 60	37,193	13	200	600
D692110020	M10 x 20	38,886	15	200	800
D692110025	M10 x 25	41,612	15	200	800
D692110030	M10 x 30	45,289	15	200	800
D692110035	M10 x 35	48,269	15	200	-
D692110040	M10 x 40	53,574	15	200	-
D692110050	M10 x 50	59,743	15	200	-
D692112025	M12 x 25	62,827	16	100	-
D692112030	M12 x 30	67,558	16	100	400
D692112035	M12 x 35	73,690	16	100	400
D692112040	M12 x 40	77,569	16	100	400
D692112045	M12 x 45	87,426	16	100	400
D692112050	M12 x 50	90,118	16	100	-
D692112060	M12 x 60	102,653	16	100	-

Hexagon socket cylindrical head screw. 8.8. Zinc plated

DIN-912

METAL



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100			
D91204008 NEW	M4 x 8	4,172	3	500	22.500
D91204010	M4 x 10	4,254	3	500	12.000
D91204012	M4 x 12	5,408	3	500	12.000
D91204016	M4 x 16	5,593	3	500	12.000
D91204020	M4 x 20	5,734	3	500	6.000
D91204025 NEW	M4 x 25	6,582	3	500	6.000
D91204030 NEW	M4 x 30	7,571	3	500	6.000
D91204035 NEW	M4 x 35	8,329	3	200	4.800
D91204040 NEW	M4 x 40	9,239	3	200	2.400
D91204045 NEW	M4 x 45	9,957	3	200	2.400
D91204050 NEW	M4 x 50	10,609	3	200	2.400
D91205008 NEW	M5 x 8	5,044	4	500	12.000
D91205010	M5 x 10	5,147	4	500	12.000
D91205012	M5 x 12	5,167	4	500	6.000
D91205016	M5 x 16	5,267	4	500	6.000
D91205020	M5 x 20	5,511	4	500	6.000
D91205025	M5 x 25	6,970	4	500	6.000
D91205030 NEW	M5 x 30	7,952	4	500	6.000
D91205035 NEW	M5 x 35	8,580	4	200	4.800
D91205040 NEW	M5 x 40	9,528	4	200	2.400
D91205045 NEW	M5 x 45	10,104	4	200	2.400
D91205050 NEW	M5 x 50	10,702	4	200	2.400
D91206010	M6 x 10	7,179	5	200	4.800
D91206012	M6 x 12	7,371	5	200	4.800
D91206016	M6 x 16	7,615	5	200	4.800
D91206020	M6 x 20	8,044	5	200	2.400
D91206025	M6 x 25	11,038	5	200	2.400
D91206030	M6 x 30	11,591	5	200	2.400
D91206035 NEW	M6 x 35	11,708	5	200	2.400
D91206040 NEW	M6 x 40	12,206	5	200	2.400
D91206045 NEW	M6 x 45	12,690	5	200	2.400
D91206050 NEW	M6 x 50	13,472	5	200	2.400
D91206060 NEW	M6 x 60	14,647	5	200	1.200
D91208010 NEW	M8 x 10	12,652	6	100	2.400
D91208012 NEW	M8 x 12	13,150	6	100	2.400
D91208016	M8 x 16	13,417	6	100	2.400
D91208020	M8 x 20	14,169	6	100	2.400

CODE	SIZE	€/100			
D91208025	M8 x 25	15,474	6	100	1.200
D91208030	M8 x 30	18,564	6	100	1.200
D91208035 NEW	M8 x 35	24,205	6	100	1.200
D91208040	M8 x 40	29,307	6	100	1.200
D91208045 NEW	M8 x 45	29,757	6	100	1.200
D91208050 NEW	M8 x 50	30,643	6	100	1.200
D91208060 NEW	M8 x 60	32,023	6	100	1.200
D91208070 NEW	M8 x 70	33,310	6	100	600
D91208080 NEW	M8 x 80	36,641	6	100	600
D91210016 NEW	M10 x 16	29,396	8	100	1.200
D91210020	M10 x 20	35,954	8	100	1.200
D91210025 NEW	M10 x 25	38,213	8	100	1.200
D91210030	M10 x 30	40,019	8	100	1.200
D91210035 NEW	M10 x 35	45,269	8	100	600
D91210040	M10 x 40	49,255	8	100	600
D91210045 NEW	M10 x 45	54,260	8	100	600
D91210050	M10 x 50	55,768	8	100	600
D91210060	M10 x 60	63,554	8	100	600
D91210070	M10 x 70	69,037	8	100	600
D91210080 NEW	M10 x 80	72,481	8	50	600
D91210090 NEW	M10 x 90	73,748	8	50	300
D91210100 NEW	M10 x 100	78,486	8	50	300
D91212020 NEW	M12 x 20	51,026	10	100	600
D91212025 NEW	M12 x 25	52,036	10	100	600
D91212030 NEW	M12 x 30	54,453	10	100	600
D91212035 NEW	M12 x 35	57,680	10	100	600
D91212040 NEW	M12 x 40	60,276	10	100	600
D91212045 NEW	M12 x 45	63,912	10	100	600
D91212050 NEW	M12 x 50	68,248	10	50	600
D91212060 NEW	M12 x 60	77,497	10	50	300
D91212070 NEW	M12 x 70	92,370	10	50	300
D91212080 NEW	M12 x 80	101,713	10	50	300
D91212090 NEW	M12 x 90	111,885	10	50	300
D91212100 NEW	M12 x 100	125,310	10	50	300
D91212110 NEW	M12 x 110	140,348	10	50	300
D91212120 NEW	M12 x 120	152,275	10	50	300

Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VD91204010	M4 x 10	8,464	150	8
VD91204012	M4 x 12	9,257	125	8
VD91204020	M4 x 20	7,694	100	8
VD91204030	M4 x 30	4,257	40	8
VD91204040	M4 x 40	3,016	20	8
VD91204050	M4 x 50	4,491	20	8
VD91205010	M5 x 10	8,330	100	8
VD91205012	M5 x 12	7,403	100	8
VD91205016	M5 x 16	6,265	90	8
VD91205020	M5 x 20	5,317	70	8
VD91205025	M5 x 25	5,614	60	8
VD91205030	M5 x 30	4,772	40	8
VD91205040	M5 x 40	3,142	20	8
VD91205050	M5 x 50	3,386	20	8
VD91206010	M6 x 10	4,985	50	8
VD91206012	M6 x 12	4,848	50	8
VD91206016	M6 x 16	4,756	50	8
VD91206020	M6 x 20	5,394	50	8
VD91206025	M6 x 25	8,155	50	8
VD91206030	M6 x 30	5,786	35	8
VD91206040	M6 x 40	5,493	30	8
VD91206050	M6 x 50	3,293	15	8
VD91206060	M6 x 60	3,567	15	8
VD91208010	M8 x 16	5,385	30	8
VD91208016	M8 x 10	5,453	30	8
VD91208020	M8 x 20	5,541	30	8
VD91208030	M8 x 30	4,982	20	8
VD91208040	M8 x 40	7,897	20	8
VD91208050	M8 x 50	4,292	10	8
VD91208060	M8 x 60	4,498	10	8

DIN-603/934

Round head screw with square neck and nut

METAL



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100		
D603905016	NEW M5 x 16	6,684	500	6.000
D603905020	M5 x 20	6,888	500	3.000
D603905025	NEW M5 x 25	7,748	500	3.000
D603905030	M5 x 30	7,859	500	3.000
D603905035	NEW M5 x 35	10,192	200	2.400
D603905040	M5 x 40	10,383	200	2.400
D603905045	NEW M5 x 45	12,022	200	2.400
D603905050	M5 x 50	13,319	200	2.400
D603905060	NEW M5 x 60	15,496	100	1.200
D603905070	NEW M5 x 70	17,354	100	1.200
D603905080	NEW M5 x 80	20,800	100	1.200
D603906016	M6 x 16	9,790	200	2.400
D603906020	M6 x 20	9,949	200	2.400
D603906025	NEW M6 x 25	10,608	200	2.400
D603906030	M6 x 30	11,138	200	1.200
D603906035	NEW M6 x 35	12,376	200	2.400
D603906040	M6 x 40	12,542	200	1.200
D603906045	NEW M6 x 45	14,664	200	1.200
D603906050	M6 x 50	15,520	200	1.200
D603906060	M6 x 60	17,878	100	1.200
D603906070	M6 x 70	21,538	100	1.200
D603906080	M6 x 80	21,791	100	600
D603906090	M6 x 90	34,001	100	600
D603906100	M6 x 100	36,490	100	600
D603906110	NEW M6 x 110	41,964	100	600
D603906120	NEW M6 x 120	45,864	100	600
D603906130	NEW M6 x 130	50,450	100	600
D603906140	NEW M6 x 140	56,992	100	-
D603906150	NEW M6 x 150	62,358	100	600
D603908016	NEW M8 x 16	18,252	200	1.200
D603908020	M8 x 20	19,261	200	1.200
D603908025	M8 x 25	19,368	200	1.200
D603908030	M8 x 30	20,568	200	1.200
D603908035	NEW M8 x 35	22,121	200	1.200
D603908040	M8 x 40	23,001	200	1.200
D603908045	NEW M8 x 45	26,260	200	1.200
D603908050	M8 x 50	28,867	100	1.200
D603908060	M8 x 60	32,368	100	600
D603908070	M8 x 70	34,556	100	600
D603908080	M8 x 80	39,936	100	400
D603908090	M8 x 90	49,140	100	600
D603908100	M8 x 100	50,211	100	600
D603908110	M8 x 110	51,175	50	300



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZ603905020	M5 x 20	2,345	10	15
BZ603905030	M5 x 30	2,345	10	15
BZ603905040	M5 x 40	2,345	4	15
BZ603905050	M6 x 16	2,345	4	15
BZ603906016	M6 x 80	2,345	4	15
BZ603906020	M6 x 20	2,345	4	15
BZ603906030	M6 x 30	2,345	4	15
BZ603906040	M6 x 40	2,345	4	15
BZ603906050	M6 x 50	2,345	4	15
BZ603906060	M6 x 60	2,345	2	15
BZ603906070	M6 x 70	2,345	2	15
BZ603906080	M8 x 20	2,345	2	15
BZ603908025	M8 x 25	2,345	4	15
BZ603908030	M8 x 30	2,345	4	15
BZ603908040	M8 x 40	2,345	4	15
BZ603908050	M8 x 50	2,345	2	15
BZ603908060	M8 x 60	2,345	2	15
BZ603908070	M8 x 70	2,345	2	15
BZ603908080	M8 x 80	2,345	2	12
BZ603908090	M8 x 90	2,345	2	12
BZ603910025	M10 x 25	2,345	2	10
BZ603910030	M10 x 30	2,345	2	10
BZ603910040	M10 x 40	2,345	2	10
BZ603910050	M12 x 70	2,345	2	10



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VD603905020	M5 x 20	4,555	50	8
VD603905030	M5 x 30	4,572	40	8
VD603905040	M5 x 40	5,408	40	8
VD603905050	M5 x 50	6,295	35	8
VD603906016	M6 x 16	3,864	30	8
VD603906020	M6 x 20	3,910	30	8
VD603906030	M6 x 30	4,423	30	8
VD603906040	M6 x 40	4,157	25	8
VD603906050	M6 x 50	5,238	25	8
VD603906060	M6 x 60	6,035	25	8
VD603906070	M6 x 70	7,564	25	8
VD603906080	M6 x 80	5,883	20	8
VD603908025	M8 x 25	4,317	15	8
VD603908030	M8 x 30	4,504	15	8
VD603908040	M8 x 40	4,659	15	8
VD603908050	M8 x 50	5,848	15	8
VD603908060	M8 x 60	5,249	12	8
VD603908070	M8 x 70	4,666	10	8
VD603908080	M8 x 80	5,394	10	8
VD603908090	M8 x 90	6,701	10	8
VD603908100	M8 x 100	6,726	10	8
VD603910025	M10 x 25	6,882	15	8
VD603910030	M10 x 30	5,990	10	8
VD603910040	M10 x 40	6,216	10	8
VD603910050	M10 x 50	6,310	8	8
VD603910060	M10 x 60	7,210	8	8
VD603910070	M10 x 70	7,454	8	8
VD603910080	M10 x 80	8,494	8	8

Plow bolt

DIN-608 **NEW**

METAL



CODE	SIZE	€/100		
D60810035	M10 x 35	56,490	100	600
D60810040	M10 x 40	58,279	100	600
D60810045	M10 x 45	64,292	100	600
D60810050	M10 x 50	68,457	100	400
D60810060	M10 x 60	80,252	100	400
D60811040	M11 x 40	65,912	50	300
D60811045	M11 x 45	72,622	50	300
D60811050	M11 x 50	77,151	50	300
D60811060	M11 x 60	90,762	50	300
D60811070	M11 x 70	101,812	50	300
D60811080	M11 x 80	114,951	50	200
D60811090	M11 x 90	127,453	50	200
D60812040	M12 x 40	80,784	50	300
D60812045	M12 x 45	84,977	50	300
D60812050	M12 x 50	89,702	50	300
D60812060	M12 x 60	103,485	50	200
D60812070	M12 x 70	114,916	50	200
D60812080	M12 x 80	126,714	50	200
D60812090	M12 x 90	142,146	50	200
D60812100	M12 x 100	157,549	50	200



Available in different coatings.
Ask for price and delivery time.

Cylindrical head screw, slotted recess, 4.8

DIN-84

METAL



CODE	SIZE	€/100			CODE	SIZE	€/100		
T0840304Z	NEW M3 x 4	1,616	1.000	45.000	T0840508Z	NEW M5 x 8	3,564	500	12.000
T0840306Z	M3 x 6	1,634	1.000	30.000	T0840510Z	M5 x 10	3,683	500	8.000
T0840308Z	M3 x 8	1,656	1.000	30.000	T0840512Z	M5 x 12	4,298	250	7.500
T0840310Z	M3 x 10	1,706	1.000	24.000	T0840516Z	M5 x 16	4,849	250	6.000
T0840312Z	NEW M3 x 12	2,070	1.000	24.000	T0840520Z	M5 x 20	4,900	250	6.000
T0840316Z	M3 x 16	2,081	1.000	16.000	T0840525Z	M5 x 25	5,486	250	4.000
T0840320Z	M3 x 20	2,567	1.000	12.000	T0840530Z	M5 x 30	6,739	250	4.000
T0840325Z	M3 x 25	3,359	1.000	12.000	T0840535Z	NEW M5 x 35	7,823	250	3.000
T0840330Z	NEW M3 x 30	3,863	500	6.000	T0840540Z	NEW M5 x 40	7,985	250	3.000
T0840335Z	NEW M3 x 35	4,442	500	6.000	T0840545Z	NEW M5 x 45	9,497	250	3.000
T0840340Z	NEW M3 x 40	5,364	500	6.000	T0840550Z	M5 x 50	10,976	250	3.000
T0840406Z	M4 x 6	2,444	500	15.000	T0840560Z	M5 x 60	12,996	250	1.500
T0840408Z	M4 x 8	2,495	500	12.000	T0840608Z	M6 x 8	5,303	250	1.500
T0840410Z	M4 x 10	2,614	500	12.000	T0840610Z	M6 x 10	5,440	250	4.000
T0840412Z	M4 x 12	2,740	500	12.000	T0840616Z	M6 x 16	6,750	250	4.000
T0840416Z	M4 x 16	3,035	500	8.000	T0840620Z	M6 x 20	7,153	250	3.000
T0840420Z	M4 x 20	3,186	500	8.000	T0840625Z	M6 x 25	8,226	250	3.000
T0840425Z	M4 x 25	3,611	500	6.000	T0840630Z	M6 x 30	9,112	250	3.000
T0840435Z	M4 x 35	5,537	250	3.000	T0840635Z	NEW M6 x 35	10,343	250	1.500
T0840445Z	NEW M4 x 45	7,823	250	3.000	T0840640Z	M6 x 40	10,674	250	1.500
T0840450Z	NEW M4 x 50	9,274	250	3.000	T0840645Z	NEW M6 x 45	11,894	250	1.500
T0840460Z	NEW M4 x 60	11,070	250	3.000	T0840650Z	M6 x 50	12,989	250	1.500
T0840470Z	M4 x 70	13,442	100	1.200	T0840660Z	NEW M6 x 60	14,422	250	1.500
T0840506Z	M5 x 6	3,528	500	8.000					



Available in different coatings.
Ask for price and delivery time.

DIN-7985

Panhead screw with PH recess. 4.8

METAL



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100			
T9850306Z	M3 x 6	1,336	PH1	1.000	30.000
T9850308Z	M3 x 8	1,354	PH1	1.000	30.000
T9850310Z	M3 x 10	1,368	PH1	1.000	24.000
T9850312Z	M3 x 12	1,505	PH1	1.000	24.000
T9850316Z	M3 x 16	1,616	PH1	1.000	16.000
T9850320Z	M3 x 20	1,962	PH1	1.000	12.000
T9850325Z	M3 x 25	2,354	PH1	500	1.200
T9850330Z	M3 x 30	2,848	PH1	500	12.000
T9850406Z	M4 x 6	2,095	PH2	500	12.000
T9850408Z	M4 x 8	2,124	PH2	500	12.000
T9850410Z	M4 x 10	2,563	PH2	500	12.000
T9850412Z	M4 x 12	2,632	PH2	500	8.000
T9850416Z	M4 x 16	2,869	PH2	500	8.000
T9850420Z	M4 x 20	3,031	PH2	500	8.000
T9850425Z	M4 x 25	3,622	PH2	500	6.000
T9850430Z	M4 x 30	4,367	PH2	500	6.000
T9850435Z	M4 x 35	5,756	PH2	250	3.000
T9850440Z	M4 x 40	6,019	PH2	250	3.000
T9850450Z	M4 x 50	7,826	PH2	250	3.000
T9850506Z	M5 x 6	3,740	PH2	500	8.000
T9850508Z	M5 x 8	3,809	PH2	500	8.000

CODE	SIZE	€/100			
T9850510Z	M5 x 10	3,974	PH2	500	8.000
T9850512Z	M5 x 12	4,388	PH2	250	6.000
T9850516Z	M5 x 16	4,720	PH2	250	4.000
T9850520Z	M5 x 20	5,076	PH2	250	4.000
T9850525Z	M5 x 25	5,746	PH2	250	4.000
T9850530Z	M5 x 30	6,336	PH2	250	2.000
T9850535Z	M5 x 35	7,589	PH2	250	3.000
T9850540Z	M5 x 40	8,460	PH2	250	3.000
T9850545Z	M5 x 45	8,694	PH2	250	2.000
T9850550Z	M5 x 50	11,128	PH2	250	2.000
T9850608Z	M6 x 8	5,872	PH3	250	6.000
T9850610Z	M6 x 10	5,962	PH3	250	4.000
T9850612Z	M6 x 12	6,451	PH3	250	4.000
T9850616Z	M6 x 16	6,606	PH3	250	4.000
T9850620Z	M6 x 20	7,787	PH3	250	3.000
T9850625Z	M6 x 25	8,615	PH3	250	3.000
T9850630Z	M6 x 30	9,292	PH3	250	3.000
T9850635Z	M6 x 35	10,487	PH3	250	3.000
T9850640Z	M6 x 40	11,682	PH3	250	1.500
T9850650Z	M6 x 50	14,299	PH3	250	1.500
T9850660Z	M6 x 60	15,422	PH3	250	1.500



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZT9850306Z	M3 x 06	1,857	10	20
BZT9850310Z	M3 x 10	1,857	10	20
BZT9850316Z	M3 x 16	1,857	6	20
BZT9850320Z	M3 x 20	1,857	6	20
BZT9850330Z	M3 x 30	1,857	6	20
BZT9850416Z	M4 x 16	1,857	6	20
BZT9850420Z	M4 x 20	1,857	6	20
BZT9850430Z	M4 x 30	1,857	6	20
BZT9850510Z	M5 x 10	1,857	6	20
BZT9850520Z	M5 x 20	1,857	6	20
BZT9850525Z	M5 x 25	1,857	6	20
BZT9850530Z	M5 x 30	1,857	6	20
BZT9850540Z	M5 x 40	1,857	6	20
BZT9850610Z	M6 x 10	1,857	6	20
BZT9850616Z	M6 x 16	1,857	6	20
BZT9850620Z	M6 x 20	1,857	6	20
BZT9850625Z	M6 x 25	1,857	6	20
BZT9850630Z	M6 x 30	1,857	6	20
BZT9850640Z	M6 x 40	1,857	6	15
BZT9850650Z	M6 x 50	1,857	4	15
BZT9850660Z	M6 x 60	1,857	4	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VT9850306Z	M3 x 6	3,293	150	8
VT9850310Z	M3 x 10	3,495	150	8
VT9850316Z	M3 x 16	3,096	100	8
VT9850320Z	M3 x 20	3,297	100	8
VT9850330Z	M3 x 30	3,672	100	8
VT9850406Z	M4 x 6	3,312	100	8
VT9850408Z	M4 x 8	3,375	100	8
VT9850410Z	M4 x 10	3,558	100	8
VT9850416Z	M4 x 16	3,874	100	8
VT9850420Z	M4 x 20	4,094	100	8
VT9850506Z	M5 x 6	4,281	100	8
VT9850510Z	M5 x 10	4,477	100	8
VT9850512Z	M5 x 12	4,274	70	8
VT9850516Z	M5 x 16	4,374	70	8
VT9850520Z	M5 x 20	4,701	70	8
VT9850530Z	M5 x 30	4,344	50	8
VT9850540Z	M5 x 40	5,508	50	8
VT9850550Z	M5 x 50	7,200	50	8
VT9850610Z	M6 x 10	5,608	70	8
VT9850612Z	M6 x 12	5,980	70	8
VT9850616Z	M6 x 16	6,120	70	8
VT9850620Z	M6 x 20	6,156	50	8
VT9850630Z	M6 x 30	6,048	50	8
VT9850640Z	M6 x 40	7,596	50	8
VT9850650Z	M6 x 50	9,360	50	8
VT9850660Z	M6 x 60	10,026	50	8



Slotted countersunk head screw. 4.8

DIN-963

METAL



CODE	SIZE	€/100		
T9630410Z	NEW M4 x 10	2,423	500	22.500
T9630412Z	NEW M4 x 12	2,552	500	22.500
T9630416Z	M4 x 16	2,621	500	12.000
T9630420Z	M4 x 20	2,736	500	12.000
T9630430Z	NEW M4 x 30	3,938	500	6.000
T9630440Z	M4 x 40	4,972	250	3.000
T9630450Z	M4 x 50	7,376	250	3.000
T9630510Z	M5 x 10	2,768	500	12.000
T9630512Z	NEW M5 x 12	3,280	500	12.000
T9630516Z	M5 x 16	3,406	250	7.500
T9630520Z	M5 x 20	3,971	250	6.000
T9630525Z	M5 x 25	4,932	250	6.000
T9630530Z	M5 x 30	5,090	250	4.000

CODE	SIZE	€/100		
T9630540Z	NEW M5 x 40	7,859	250	3.000
T9630550Z	M5 x 50	9,508	250	3.000
T9630560Z	M5 x 60	11,466	250	1.500
T9630610Z	NEW M6 x 10	4,471	250	11.250
T9630612Z	NEW M6 x 12	4,662	250	11.250
T9630616Z	M6 x 16	4,932	250	6.000
T9630620Z	M6 x 20	5,774	250	4.000
T9630625Z	M6 x 25	6,498	250	3.000
T9630630Z	M6 x 30	7,376	250	3.000
T9630640Z	M6 x 40	9,112	250	1.500
T9630650Z	NEW M6 x 50	10,346	250	1.500
T9630660Z	NEW M6 x 60	11,441	250	1.500



Available in different coatings.
Ask for price and delivery time.

Countersunk head screw with PH recess. 4.8

DIN-965

METAL



CODE	SIZE	€/100			
T9650306Z	M3 x 6	1,570	PH1	1.000	45.000
T9650308Z	NEW M3 x 8	1,570	PH1	1.000	45.000
T9650310Z	M3 x 10	1,570	PH1	1.000	30.000
T9650312Z	NEW M3 x 12	1,724	PH1	1.000	24.000
T9650316Z	M3 x 16	1,984	PH1	500	22.500
T9650320Z	M3 x 20	2,333	PH1	500	22.500
T9650325Z	M3 x 25	2,830	PH1	500	12.000
T9650408Z	M4 x 8	2,362	PH2	500	22.500
T9650410Z	M4 x 10	2,441	PH2	500	12.000
T9650412Z	NEW M4 x 12	2,570	PH2	500	22.500
T9650416Z	M4 x 16	2,678	PH2	500	12.000
T9650420Z	M4 x 20	3,031	PH2	500	12.000
T9650425Z	M4 x 25	3,341	PH2	500	6.000
T9650430Z	M4 x 30	4,050	PH2	500	6.000
T9650435Z	NEW M4 x 35	4,781	PH2	500	6.000
T9650440Z	M4 x 40	5,508	PH2	250	3.000
T9650450Z	M4 x 50	6,408	PH2	250	3.000
T9650510Z	M5 x 10	3,694	PH2	250	11.250
T9650512Z	NEW M5 x 12	3,971	PH2	250	11.250

CODE	SIZE	€/100			
T9650516Z	M5 x 16	4,248	PH2	250	6.000
T9650520Z	M5 x 20	4,720	PH2	250	6.000
T9650525Z	M5 x 25	5,310	PH2	250	6.000
T9650530Z	M5 x 30	5,936	PH2	250	4.000
T9650535Z	NEW M5 x 35	6,836	PH2	250	6.000
T9650540Z	M5 x 40	7,517	PH2	250	3.000
T9650550Z	M5 x 50	9,756	PH2	250	3.000
T9650560Z	M5 x 60	12,272	PH2	250	1.500
T9650610Z	M6 x 10	5,519	PH3	250	6.000
T9650612Z	M6 x 12	5,630	PH3	250	6.000
T9650616Z	M6 x 16	6,052	PH3	250	6.000
T9650620Z	M6 x 20	6,926	PH3	250	4.000
T9650625Z	M6 x 25	7,672	PH3	250	3.000
T9650630Z	M6 x 30	8,579	PH3	250	3.000
T9650635Z	M6 x 35	9,558	PH3	250	3.000
T9650640Z	M6 x 40	10,537	PH3	250	1.500
T9650650Z	M6 x 50	12,740	PH3	250	1.500
T9650660Z	M6 x 60	15,102	PH3	100	1.200



Available in different coatings.
Ask for price and delivery time.



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZT9650410Z	M4 x 10	1,857	6	20
BZT9650420Z	M4 x 20	1,857	6	20
BZT9650430Z	M4 x 30	1,857	6	20
BZT9650510Z	M5 x 10	1,857	6	20
BZT9650520Z	M5 x 20	1,857	6	20
BZT9650525Z	M5 x 25	1,857	6	20
BZT9650530Z	M5 x 30	1,857	6	20
BZT9650620Z	M6 x 20	1,857	6	20
BZT9650630Z	M6 x 30	1,857	6	20
BZT9650640Z	M6 x 40	1,857	6	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VT9650306Z	M3 x 6	4,279	200	8
VT9650310Z	M3 x 10	4,155	200	8
VT9650408Z	M4 x 8	3,250	100	8
VT9650410Z	M4 x 10	3,285	100	8
VT9650420Z	M4 x 20	4,014	100	8
VT9650425Z	M4 x 25	4,420	100	8
VT9650430Z	M4 x 30	5,357	100	8
VT9650416Z	M4 x 16	3,542	100	8
VT9650510Z	M5 x 10	3,424	70	8
VT9650516Z	M5 x 16	3,939	70	8
VT9650520Z	M5 x 20	4,374	70	8
VT9650530Z	M5 x 30	3,928	50	8
VT9650540Z	M5 x 40	4,976	50	8
VT9650610Z	M6 x 10	5,213	70	8
VT9650616Z	M6 x 16	5,608	70	8
VT9650620Z	M6 x 20	6,418	70	8
VT9650630Z	M6 x 30	5,678	50	8

DIN-934

Hexagonal nut.

DIN-934

Zinc plated



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D93403	NEW M3	1,023	5,5	500	22.500
D93404	M4	1,057	7	1.000	45.000
D93405	M5	1,373	8	500	12.000
D93406	M6	2,153	10	500	12.000
D93408	M8	3,845	13	250	6.000
D93410	M10	9,183	17	250	3.000
D93412	M12	14,515	19	250	1.500
D93414	M14	19,368	22	100	1.200
D93416	M16	28,805	24	100	600
D93418	M18	41,122	27	100	600
D93420	M20	47,916	30	50	600
D93422	M22	76,853	32	50	300
D93424	M24	107,817	36	25	300
D93427	M27	186,115	41	25	150
D93430	M30	247,149	46	25	150
D93433	M33	352,245	50	10	120
D93436	M36	373,877	55	10	60



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934ZM03	M3	1,857	40	20
BZ934ZM04	M4	1,857	40	20
BZ934ZM05	M5	1,857	40	20
BZ934ZM06	M6	1,857	20	20
BZ934ZM08	M8	1,857	10	20
BZ934ZM10	M10	1,857	10	15
BZ934ZM12	M12	1,857	6	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD93403	M3	2,591	150	8
VD93404	M4	2,591	150	8
VD93405	M5	2,254	100	8
VD93406	M6	3,227	100	8
VD93408	M8	2,881	50	8
VD93410	M10	4,136	30	8
VD93412	M12	4,358	20	8

NEW DIN-934 A2

Stainless steel A2



STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	3,924	7	500	22.500
D934IM05	M5	4,535	8	500	12.000
D934IM06	M6	7,485	10	500	12.000
D934IM08	M8	15,186	13	250	4.000
D934IM10	M10	33,880	17	250	2.000
D934IM12	M12	49,673	19	250	1.500
D934IM14	M14	71,396	22	100	800
D934IM16	M16	100,192	24	100	600
D934IM18	M18	159,358	27	100	600
D934IM20	M20	209,241	30	50	400
D934IM22	M22	289,217	32	50	300
D934IM24	M24	375,977	36	25	200



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934IM04	M4	2,345	10	20
BZ934IM05	M5	2,345	8	20
BZ934IM06	M6	2,345	8	20
BZ934IM08	M8	2,345	6	20
BZ934IM10	M10	2,345	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD934IM04	M4	2,944	50	8
VD934IM05	M5	3,402	50	8
VD934IM06	M6	5,052	50	8
VD934IM08	M8	6,150	30	8
VD934IM10	M10	9,147	20	8

METAL



DIN-985

Zinc plated



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100	INSTALLATION KEY		
DZ98503	M3	1,896	5,5	500	22.500
DZ98504	M4	1,983	7	500	12.000
DZ98505	M5	2,125	8	500	12.000
DZ98506	M6	2,961	10	500	12.000
DZ98508	M8	5,290	13	250	6.000
DZ98510	M10	11,710	17	250	3.000
DZ98512	M12	18,436	19	100	1.200
DZ98514	M14	29,453	22	100	1.200
DZ98516	M16	35,897	24	50	600
DZ98518	M18	59,394	27	50	600
DZ98520	M20	74,672	30	25	300
DZ98522	M22	121,250	32	25	300
DZ98524	M24	147,365	36	25	300
DZ98527	M27	291,762	41	15	180
DZ98530	M30	493,639	46	15	90



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZZ98503	M3	1,857	20	20
BZZ98504	M4	1,857	20	20
BZZ98505	M5	1,857	20	20
BZZ98506	M6	1,857	10	20
BZZ98508	M8	1,857	5	20
BZZ98510	M10	1,857	5	15
BZZ98512	M12	1,857	3	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VDZ98503	M3	3,120	100	8
VDZ98504	M4	3,120	100	8
VDZ98505	M5	3,258	100	8
VDZ98506	M6	3,758	80	8
VDZ98508	M8	3,876	50	8
VDZ98510	M10	4,326	25	8
VDZ98512	M12	4,167	15	8

STAINLESS STEEL



DIN-985 A2 **NEW**

Stainless steel A2



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	7,265	7	500	8.000
D985IM05	M5	7,828	8	500	8.000
D985IM06	M6	11,055	10	500	8.000
D985IM08	M8	21,795	13	250	4.000
D985IM10	M10	46,419	17	250	2.000
D985IM12	M12	72,158	19	100	1.200
D985IM14	M14	128,990	22	100	800
D985IM16	M16	156,340	24	50	600
D985IM18	M18	357,788	27	50	400
D985IM20	M20	458,865	30	25	300
D985IM22	M22	1.038,611	32	25	300
D985IM24	M24	1.400,354	36	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ985IM04	M4	2,345	10	20
BZ985IM05	M5	2,345	8	20
BZ985IM06	M6	2,345	8	20
BZ985IM08	M8	2,345	6	20
BZ985IM10	M10	2,345	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD985IM04	M4	4,904	50	8
VD985IM05	M5	5,284	50	8
VD985IM06	M6	7,462	50	8
VD985IM08	M8	8,827	30	8
VD985IM10	M10	12,533	20	8

NEW

DIN-6923

Hexagonal flange nut with serration



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D692304	M4	2,060	7	500	15.000
D692305	M5	2,541	8	500	12.000
D692306	M6	3,845	10	500	8.000
D692308	M8	7,485	13	250	3.000
D692310	M10	12,223	15	250	2.000
D692312	M12	19,385	18	250	1.000
D692314	M14	33,904	21	100	600
D692316	M16	42,608	24	100	400

NEW

DIN-1587

Cup nut



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D158704	M4	5,207	7	500	15.000
D158705	M5	5,519	8	250	7.500
D158706	M6	6,465	10	250	4.000
D158708	M8	12,612	13	100	2.400
D158710	M10	24,326	17	100	1.600
D158712	M12	36,917	19	50	800
D158714	M14	63,104	22	50	600
D158716	M16	66,858	24	25	300



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZ158704	M4	1,857	20	20
BZ158705	M5	1,857	20	20
BZ158706	M6	1,857	10	20
BZ158708	M8	1,857	5	20
BZ158710	M10	1,857	5	20
BZ158712	M12	1,857	3	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VD158704	M4	5,271	75	8
VD158705	M5	3,725	50	8
VD158706	M6	4,364	50	8
VD158708	M8	4,257	25	8
VD158710	M10	6,568	20	8
VD158712	M12	4,984	10	8

NEW

TU-MA

Wing nut



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100		
TUMAM03	M3	11,981	500	12.000
TUMAM04	M4	12,275	500	8.000
TUMAM05	M5	12,511	250	6.000
TUMAM06	M6	14,050	250	6.000
TUMAM08	M8	19,531	100	2.400
TUMAM10	M10	31,883	100	1.600
TUMAM12	M12	60,372	50	1.200
TUMAM14	M14	196,709	50	-
TUMAM16	M16	202,939	25	300



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTUMAM03	M3	2,345	10	20
BZTUMAM04	M4	2,345	10	20
BZTUMAM05	M5	2,345	10	20
BZTUMAM06	M6	2,345	10	20
BZTUMAM08	M8	2,345	5	20
BZTUMAM10	M10	2,345	5	20
BZTUMAM12	M12	2,345	3	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VTUMAM03	M3	12,131	75	8
VTUMAM04	M4	12,429	75	8
VTUMAM05	M5	8,445	50	8
VTUMAM06	M6	9,484	50	8
VTUMAM08	M8	6,592	25	8
VTUMAM10	M10	8,608	20	8
VTUMAM12	M12	8,150	10	8



Plain washer

DIN-125

METAL



DIN-125

Zinc plated



Available in different coatings.
Ask for price and delivery time.

CODE	SIZE	€/100		
D12503	M3	0,475	1.000	45.000
D12504	M4	0,603	1.000	45.000
D12505	M5	0,718	1.000	45.000
D12506	M6	1,276	500	22.500
D12508	M8	2,056	250	11.250
D12510	M10	3,543	250	6.000
D12512	M12	6,275	250	3.000
D12514	M14	8,632	200	2.400
D12516	M16	11,246	100	2.400
D12518	M18	14,182	100	2.400
D12520	M20	16,654	50	1.200
D12522	M22	28,420	50	1.200
D12524	M24	38,882	50	600
D12527	M27	52,894	50	600
D12530	M30	70,380	50	300
D12533	M33	113,866	50	300
D12536	M36	155,206	25	300



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZ125ZM03	M3	1,857	40	20
BZ125ZM04	M4	1,857	40	20
BZ125ZM05	M5	1,857	40	20
BZ125ZM06	M6	1,857	20	20
BZ125ZM08	M8	1,857	10	20
BZ125ZM10	M10	1,857	10	20
BZ125ZM12	M12	1,857	6	20

CODE	SIZE	€/BOX	PCS.	BOXES
VD12503	M3	2,811	200	8
VD12504	M4	2,811	200	8
VD12505	M5	2,567	150	8
VD12506	M6	3,044	100	8
VD12508	M8	3,512	75	8
VD12510	M10	6,507	75	8
VD12512	M12	7,665	50	8

STAINLESS STEEL



DIN-125 A2

Stainless steel A2



CODE	SIZE	€/100		
D125IM04	M4	1,167	500	22.500
D125IM05	M5	1,542	500	22.500
D125IM06	M6	2,798	500	22.500
D125IM08	M8	4,800	250	11.250
D125IM10	M10	9,167	250	6.000
D125IM12	M12	16,308	250	3.000
D125IM14	M14	25,561	200	2.400
D125IM16	M16	28,222	100	2.400
D125IM18	M18	41,852	100	1.600
D125IM20	M20	44,448	50	1.200
D125IM22	M22	52,702	50	1.200
D125IM24	M24	92,216	50	600



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZ125IM04	M4	2,345	10	20
BZ125IM05	M5	2,345	8	20
BZ125IM06	M6	2,345	8	20
BZ125IM08	M8	2,345	6	20
BZ125IM10	M10	2,345	5	20

CODE	SIZE	€/BOX	PCS.	BOXES
VD125IM04	M4	2,913	100	8
VD125IM05	M5	2,924	75	8
VD125IM06	M6	3,693	75	8
VD125IM08	M8	3,851	50	8
VD125IM10	M10	6,420	50	8

DIN-9021

Wide plain washer

DIN-9021

Zinc plated



Available in different coatings.
Ask for price and delivery time.

METAL



CODE	SIZE	€/100		
D902103 NEW	M3	1,134	500	22.500
D902104	M4	1,317	500	12.000
D902105	M5	1,439	500	12.000
D902106	M6	2,461	500	12.000
D902108	M8	5,762	200	4.800
D902110	M10	10,861	100	2.400
D902112	M12	19,705	100	1.200
D902114	M14	29,505	100	1.200
D902116	M16	33,963	50	600
D902118	M18	67,371	50	600
D902120	M20	71,174	25	300
D902122	M22	177,244	25	300
D902124	M24	192,376	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ902103	M3	1,857	20	20
BZ902104	M4	1,857	20	20
BZ902105	M5	1,857	20	20
BZ902106	M6	1,857	10	20
BZ902108	M8	1,857	5	20
BZ902110	M10	1,857	5	20
BZ902112	M12	1,857	4	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD902103	M3	2,867	125	8
VD902104	M4	2,867	125	8
VD902105	M5	3,172	125	8
VD902106	M6	3,713	100	8
VD902108	M8	4,178	50	8
VD902110	M10	4,607	30	8
VD902112	M12	4,160	15	8

NEW DIN-9021 A2

Stainless steel A2



STAINLESS STEEL



CODE	SIZE	€/100		
D9021IM04	M4	2,101	500	2.250
D9021IM05	M5	3,845	500	12.000
D9021IM06	M6	6,966	500	8.000
D9021IM08	M8	13,733	200	4.800
D9021IM10	M10	31,072	100	1.600
D9021IM12	M12	53,594	100	800
D9021IM14	M14	97,987	100	800
D9021IM16	M16	117,042	50	600
D9021IM18	M18	209,571	50	400
D9021IM20	M20	234,964	25	300
D9021IM22	M22	242,050	25	200
D9021IM24	M24	278,358	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ9021IM04	M4	2,345	10	20
BZ9021IM05	M5	2,345	8	20
BZ9021IM06	M6	2,345	8	20
BZ9021IM08	M8	2,345	6	20
BZ9021IM10	M10	2,345	5	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD9021IM04	M4	3,152	100	8
VD9021IM05	M5	3,893	75	8
VD9021IM06	M6	7,053	75	8
VD9021IM08	M8	7,416	40	8
VD9021IM10	M10	8,389	20	8



Spring washer

DIN-127

METAL



CODE	SIZE	€/100		
D12703	M3	0,485	500	22.500
D12704	M4	0,603	500	22.500
D12705	M5	0,766	500	22.500
D12706	M6	0,946	500	12.000
D12708	M8	1,945	200	4.800
D12710	M10	3,040	100	2.400
D12712	M12	4,541	100	2.400
D12714	M14	7,006	100	2.400
D12716	M16	11,922	50	1.200
D12718	M18	12,581	50	1.200
D12720	M20	17,389	25	300
D12722	M22	19,968	25	600
D12724	M24	36,050	25	600
D12727	M27	52,693	25	600
D12730	M30	96,529	25	300
D12736	M36	195,860	25	300



Available in diferent coatings.
Ask for price and delivery time.



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ12703	M3	1,857	20	20
BZ12704	M4	1,857	20	20
BZ12705	M5	1,857	20	20
BZ12706	M6	1,857	10	20
BZ12708	M8	1,857	5	20
BZ12710	M10	1,857	5	20
BZ12712	M12	1,857	4	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD12704	M4	2,195	100	8
VD12705	M5	2,399	100	8
VD12706	M6	3,038	100	8
VD12708	M8	2,692	50	8
VD12710	M10	2,456	25	8
VD12712	M12	3,225	25	8

Serrated lock washer external teeth

DIN-6798 A **NEW**

METAL



CODE	SIZE	€/100		
D6798A03	M3	0,929	500	22.500
D6798A04	M4	1,099	500	22.500
D6798A05	M5	1,199	500	22.500
D6798A06	M6	1,661	500	22.500
D6798A08	M8	3,234	250	11.250
D6798A10	M10	6,129	250	11.250
D6798A12	M12	7,117	100	4.500
D6798A14	M14	11,079	100	4.500
D6798A16	M16	13,728	100	4.500



Available in diferent coatings.
Ask for price and delivery time.



PLUGS, TIPS AND ACCESORIES



B-HDS

SDS-plus drill bits. High quality

SOLID



CODE	SIZE	€/PC	MIN. ORDER QTY.		
BHDS06110	Ø6 x 110	20,219	2	1	50
BHDS06160	Ø6 x 160	20,689	2	1	100
BHDS06210	Ø6 x 210	22,175	2	1	150
BHDS08110	Ø8 x 110	20,689	2	1	50
BHDS08160	Ø8 x 160	21,624	2	1	100
BHDS08210	Ø8 x 210	22,644	2	1	150
BHDS10160	Ø10 x 160	23,144	2	1	100
BHDS10210	Ø10 x 210	26,299	2	1	150
BHDS12160	Ø12 x 160	25,870	2	1	100
BHDS12210	Ø12 x 210	28,322	2	1	150
BHDS16210	Ø16 x 210	43,751	2	1	150
BHDS16310	Ø16 x 310	45,434	2	1	200

PU

Bits

PU-PH

PH



METAL

CODE		€/100	LENGTH		
PUPHC01	PH1	81,713	25	25	1.125
PUPHC02	PH2	81,713	25	25	1.125
PUPHC03	PH3	81,713	25	25	1.125
PUPHL01	PH1	131,081	50	25	1.125
PUPHL02	PH2	131,081	50	25	1.125
PUPHL03	PH3	131,081	50	25	1.125



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZPUPHCL01	N°1 / 50	3,231	4	20
BZPUPHCL02	N°2 / 50	3,231	4	20
BZPUPHCL03	N°3 / 50	3,231	4	20

PU-TO

TX



METAL




CODE		€/100	LENGTH		
PUT0010	TX10	92,061	25	25	1.125
PUT0015	TX15	92,061	25	25	1.125
PUT0020	TX20	92,061	25	25	1.125
PUT0025	TX25	92,061	25	25	1.125
PUT0030	TX30	92,061	25	25	1.125
PUT0040	TX40	92,061	25	25	1.125

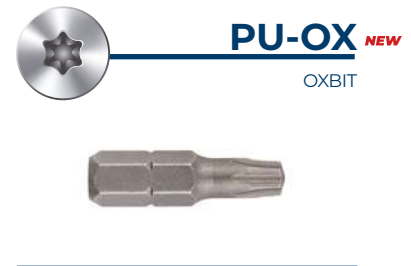


Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZPUTOT01	TX10+TX20	3,231	2	20
BZPUTOT02	TX30+TX40	3,231	2	20

METAL

CODE		€/100	LENGTH		
PUOXBITC10	OXB-10	115,078	25	25	1.125
PUOXBITC15	OXB-15	115,078	25	25	1.125
PUOXBITC20	OXB-20	115,078	25	25	1.125
PUOXBITC25	OXB-25	115,078	25	25	1.125
PUOXBITC30	OXB-30	115,078	25	25	1.125
PUOXBITC40	OXB-40	115,078	25	25	1.125
PUOXBITL10	OXB-10	197,073	50	25	1.125
PUOXBITL15	OXB-15	197,073	50	25	1.125
PUOXBITL20	OXB-20	197,073	50	25	1.125
PUOXBITL25	OXB-25	197,073	50	25	1.125
PUOXBITL30	OXB-30	197,073	50	25	1.125
PUOXBITL40	OXB-40	197,073	50	25	1.125



CHARACTERISTICS

Fits perfectly on the screw:

Guaranteeing that the screw is completely fixed to the bit, allowing for an ergonomic installation in any position and improving the screw guide.

Optimum transmission of force:

Ensuring the perfect fit in the mortise, increasing the tightening surface and optimising the tightening torque transmission.

Anti Cam-Out:

The OXBIT bits reduce the "Cam-Out" effect, which is especially high in machinery works and which can cause the bit to slide out of the screw mortises. This increases the useful life of the bits and the mortises.

Ideal for high performance applications:

Especially designed to guarantee transmission in works with high torque values as it withstands high speeds and the torque of impact drivers.

Less effort:




It increases transmission of the torque, allowing for installation with less effort, even with elevated torques.

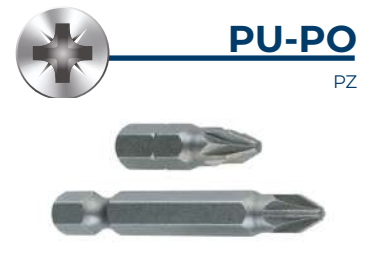
Increases the bit's useful life:

Thanks to the design of the OXBIT bits and their perfect fitting with the mortises, it is possible to extend both the useful life of the bits and the mortises.





METAL




CODE		€/100	LENGTH		
PUPOC01	PZ1	81,713	25	25	1.125
PUPOC02	PZ2	81,713	25	25	1.125
PUPOC03	PZ3	81,713	25	25	1.125
PUPOL01	PZ1	131,081	50	25	1.125
PUPOL02	PZ2	131,081	50	25	1.125
PUPOL03	PZ3	131,081	50	25	1.125

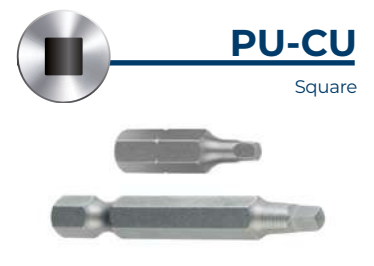


Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZPUPOCL01	N°1 / 50	3,231	4	20
BZPUPOCL02	N°2 / 50	3,231	4	20
BZPUPOCL03	N°3 / 50	3,231	4	20

METAL

CODE		€/100	LENGTH		
PUCUC01	PC1	81,713	25	25	1.125
PUCUC02	PC2	81,713	25	25	1.125
PUCUC03	PC3	81,713	25	25	1.125
PUCUL01	PC1	131,081	50	25	1.125
PUCUL02	PC2	131,081	50	25	1.125
PUCUL03	PC3	131,081	50	25	1.125



BOCA

Magnetic hexagonal nut setter

METAL



CODE	SIZE	€/100	INSTALLATION KEY	LENGTH		
BOCA006	6 mm.	603,316	1/4"	65	5	225
BOCA007	7 mm.	603,316	1/4"	65	5	225
BOCA008	8 mm.	603,316	1/4"	65	5	225
BOCA010	10 mm.	603,316	1/4"	65	5	225



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZBOCA008	8 mm.	4,357	1	20
BZBOCA010	10 mm.	4,357	1	20

PU-PM

1/4" magnetic bit holder

METAL



CODE	SIZE	€/100	INSTALLATION KEY	LENGTH		
PUPM014	1/4" x 60	600,456	1/4"	65	5	225

ATAP

Nylon cover cap in colours, for hexagonal-head screws

METAL



CODE		COLOR	€/100		
ATAPO08AR	8	RAL 1.001	7,055	1.000	2.000
ATAPO08RC	8	RAL 3.003	7,055	1.000	2.000
ATAPO08RT	8	RAL 3.011	7,055	1.000	2.000
ATAPO08VN	8	RAL 6.028	7,055	1.000	2.000
ATAPO08BP	8	RAL 9.010	7,055	1.000	2.000
ATAPO08NE	8	RAL 9.005	7,055	1.000	2.000
ATAPO08BO	8	RAL 9.002	7,055	1.000	2.000
ATAPO10AR	10	RAL 1.001	7,055	1.000	2.000
ATAPO10RC	10	RAL 3.003	7,055	1.000	2.000
ATAPO10RT	10	RAL 3.011	7,055	1.000	2.000
ATAPO10VN	10	RAL 6.028	7,055	1.000	2.000
ATAPO10BP	10	RAL 9.010	7,055	1.000	2.000
ATAPO10NE	10	RAL 9.005	7,055	1.000	2.000
ATAPO10BO	10	RAL 9.002	7,055	1.000	2.000

PVC caps for DIN-7504-N and DIN-7981 screws

TP-CR



CODE	SIZE	€/100		
TPCR042BL	Ø 4,2	3,682	1.000	12.000
TPCR048BL	Ø 4,8	3,682	1.000	12.000
TPCR055BL	Ø 5,5	3,682	1.000	6.000

TP-CR B

White



CODE	SIZE	€/100		
TPCR042NE	Ø 4,2	3,682	1.000	12.000
TPCR048NE	Ø 4,8	3,682	1.000	12.000
TPCR055NE	Ø 5,5	3,682	1.000	6.000

TP-CR N














Black



Plastic caps and self-adhesive PVC screw covers














TP-TP



CODE	COLOR	DIAMETER	€/100			
TPTPADBE		BEIGE	3,638	3,567	1.000	24.000
TPTPADBL		WHITE	3,638	3,567	1.000	24.000
TPTPADCA		MAHOGANYA	3,638	3,567	1.000	24.000
TPTPADCE		CHERRY	3,638	3,567	1.000	24.000
TPTPADGR		GREY	3,638	3,567	1.000	24.000
TPTPADHA		BEECH	3,638	3,567	1.000	24.000
TPTPADNE		BLACK	3,638	3,567	1.000	24.000
TPTPADNO		WALNUT	3,638	3,567	1.000	24.000
TPTPADPI		PINE	3,638	3,567	1.000	24.000
TPTPADRO		OAK	3,638	3,567	1.000	24.000
TPTPADSA		SAPELLY	3,638	3,567	1.000	24.000



 Blister

CODE	COLOR	€/BAG	PCS. 	BAGS 
BZTTPADBE		1,857	20	25
BZTTPADBL		1,857	20	25
BZTTPADCA		1,857	20	25
BZTTPADCE		1,857	20	25
BZTTPADGR		1,857	20	25
BZTTPADHA		1,857	20	25
BZTTPADNE		1,857	20	25
BZTTPADNO		1,857	20	25
BZTTPADPI		1,857	20	25
BZTTPADRO		1,857	20	25
BZTTPADSA		1,857	20	25

Strips **Cross-selling**

Sales hook products for specific places. Cross-sales allow for an increase in sales of **related or complementary products**, placing them together at the point of sale.

Coloured plugs are a good example of this type of sales. It is a complementary product for all wood screw types.

ADVANTAGES:

- **Encourages self-service** on the sales floor.
- **Increases impulse buys** and maximizes cross-selling of products.
- **Creates value** for the end customer.



































How to achieve it? Together with your order for plugs in blister pack format, ask your INDEX sales representative for a Cross-sale strip. (Code: TIRAEASY).

























HEAVY-DUTY METAL CLAMPS



	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	
AB-RA	APPLICATIONS: Sanitation, Electric									P. 196	
	Ø 15 - Ø 125	80		1,5	20	Fast lateral	M8	-	-	-	
AB-IA	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 15 - Ø 125	80		1,5	20	Fast lateral	M8	-			
AB-IR	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 15 - Ø 60	60		1,25	19	Fast vertical	M8	-			
AB-RE AB-RE V	APPLICATIONS: Sanitation, Electric, Ventilation									P. 196	
	Ø 18 - Ø 1250	150 - 200		1,8 - 2,3	19	Screw	M8 / M10	-	-	-	
AB-RI AB-RI V	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 18 - Ø 1250	150 - 200		1,8 - 2,3	19	Screw	M8 / M10	-			
AB-RE A2 AB-RE A4	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 18 - Ø 1250	150 - 200	 AB-RE A2	 AB-RE A4	1,8 - 2,3	19	Screw	M8 / M10	-		
AB-RI A2 AB-RI A4	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 18 - Ø 1250	150 - 200	 AB-RI A2	 AB-RI A4	1,8 - 2,3	19	Screw	M8 / M10	-		
AB-RI DES	APPLICATIONS: Sanitation, Electric									P. 196	
	Ø 16 - Ø 160	150		1,2 - 2,0	20	Fast lateral	M8 / M10	-			
AB-ICP	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 196	
	Ø 60 - Ø 135	200		2,75 - 4,0	30 - 40	Screw	M8 / M10 M10 / M12 M12 / M16	-			

	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	
AB-AIS	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 196
	∅ 10 - ∅ 219	150 - 200		13 - 40	20 - 40	AB-AIS 13 & 19 Fast lateral AB-AIS 30 & 40 Screw	M8 / M10 M8 / M10 M12 / M16	-	 		
AB-GA	APPLICATIONS: Gas										P. 196
	∅ 18 - ∅ 160	150 - 200		2	19	Screw	M8 ≤ ∅54 M8 / M10 > ∅54	According to UNE-EN ISO 4892	-	-	
AB-M8	APPLICATIONS: Sanitation, Drainpipe										P. 196
	∅ 50 - ∅ 315	100		1	28	Screw	M8	-	-	-	
AB-DE Z AB-DE G	APPLICATIONS: Sanitation, Drainpipe										P. 196
	∅ 75 - ∅ 315	200	 	2,5	20	Screw	M8	-	-	-	
			AB-DE Z AB-DE G								
AB-DP Z AB-DP G	APPLICATIONS: Sanitation, Drainpipe										P. 196
	∅ 75 - ∅ 250	200	 	2,5	20	Screw	-	-	-	-	
			AB-DP Z AB-DP G								
AB-ZI	APPLICATIONS: Gas, Sanitation										P. 196
	∅ 16 - ∅ 230	250 - 350		M6 - M8 - M10	-	-	-	-	-	-	
AB-SA	APPLICATIONS: Gas, Sanitation										P. 196
	-	-		5 - 6	-	-	-	-	-	-	
AB-GP	APPLICATIONS: Sanitation, Industrial										P. 196
	∅ 25 - ∅ 235	-		0,6 - 1,8	18 - 25	Screw	-	-	-	-	

AB-RA

Reinforced pipe clamp M8 opened



02 Technical info.
P. 3/6

LATERAL OPENING



INSTALLATION



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRA015	15	68,796	1/4"	12-16	80	50	300
ABRA018	18	69,087	3/8"	15 - 19	80	50	300
ABRA022	22	73,878	1/2"	20 - 25	80	50	200
ABRA028	28	76,960	3/4"	26 - 30	80	50	150
ABRA035	35	81,900	1"	32 - 36	80	50	100
ABRA042	42	86,223	1 1/4"	38 - 43	80	50	100
ABRA048	48	94,453	1 1/2"	47 - 51	80	50	100
ABRA054	54	99,254	-	53 - 58	80	25	75
ABRA060	60	103,913	2"	60 - 64	80	25	75
ABRA075	75	116,511	2 1/2"	75 - 80	80	25	50
ABRA090	90	123,923	3"	87 - 92	80	25	50
ABRA100	100	139,173	3 1/2"	99 - 105	80	25	50
ABRA110	110	139,804	-	107 - 112	80	25	50
ABRA115	115	160,909	4"	113 - 118	80	25	50
ABRA125	125	160,677	4 1/2"	125 - 130	80	25	50



APPLICATION EXAMPLES



Reinforced isophonic pipe clamp M8 opened

AB-IA



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABIA015	15	76,360	1/4"	12-16	80	50	200
ABIA018	18	80,843	3/8"	15 - 19	80	50	200
ABIA022	22	85,807	1/2"	20 - 25	80	50	150
ABIA028	28	89,561	3/4"	26 - 30	80	50	100
ABIA035	35	95,739	1"	32 - 36	80	50	100
ABIA042	42	106,444	1 1/4"	38 - 43	80	50	-
ABIA048	48	121,306	1 1/2"	47 - 51	80	50	-
ABIA054	54	126,662	-	53 - 58	80	25	50
ABIA060	60	137,304	2"	60 - 64	80	25	-
ABIA075	75	153,587	2 1/2"	75 - 80	80	25	50
ABIA090	90	170,636	3"	87 - 92	80	25	50
ABIA100	100	188,843	3 1/2"	99 - 105	80	25	50
ABIA110	110	194,809	-	107 - 112	80	25	-
ABIA115	115	225,163	4"	113 - 118	80	25	-
ABIA125	125	240,940	4 1/2"	125 - 130	80	25	-



02 Technical info. P. 376

LATERAL OPENING



INSTALLATION

EXPRESS

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



APPLICATION EXAMPLES



Isophonic pipe clamp M8 fast-clip

AB-IR



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABIR015	15	71,943	1/4"	14 - 15	60	50	300
ABIR018	18	76,926	3/8"	16 - 19	60	50	300
ABIR022	22	80,254	1/2"	21 - 23	60	50	200
ABIR028	28	88,610	3/4"	26 - 28	60	50	150
ABIR035	35	97,092	1"	32 - 35	60	50	100
ABIR040	40	109,539	1 1/4"	40 - 43	60	25	100
ABIR048	48	120,079	1 1/2"	48 - 51	60	25	100
ABIR054	54	126,513	-	52 - 56	60	25	75
ABIR060	60	132,837	2"	57 - 60	60	25	75



02 Technical info. P. 376

VERTICAL OPENING



INSTALLATION

EXPRESS

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

APPLICATION EXAMPLES



AB-RE

Reinforced pipe clamp, M8 + M10

AB-RE

Zinc-plated



02 Technical info. p. 377

REINFORCED M8 + M10



APPLICATION EXAMPLES



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRE018	18	92,547	3/8"	15 - 19	150	50	300
ABRE022	22	95,323	1/2"	20 - 25	150	50	200
ABRE028	28	105,837	3/4"	26 - 30	150	50	150
ABRE035	35	113,600	1"	32 - 36	150	50	100
ABRE040	40	119,245	1 1/4"	38 - 43	150	25	100
ABRE048	48	127,509	1 1/2"	47 - 51	150	25	100
ABRE054	54	136,017	-	53 - 56	150	25	75
ABRE060	60	143,910	2"	60 - 64	150	25	75
ABRE070	70	150,430	-	68 - 72	150	25	50
ABRE075	75	154,371	2 1/2"	75 - 80	150	25	50
ABRE083	83	161,032	-	81 - 86	150	25	-
ABRE090	90	173,289	3"	87 - 92	150	25	-
ABRE100	100	178,409	3 1/2"	99 - 105	150	25	-
ABRE110	110	193,505	-	107 - 112	200	25	-
ABRE115	115	217,945	4"	113 - 118	200	25	-
ABRE125	125	232,995	4 1/2"	125 - 130	200	25	-
ABRE133	133	255,203	-	132 - 137	200	25	-
ABRE140	140	288,859	5"	138 - 142	200	25	-
ABRE150	150	293,671	-	148 - 152	200	25	-
ABRE160	160	308,116	6"	159 - 166	200	25	-
ABRE180	180	327,012	8"	179 - 184	200	25	-
ABRE200	200	355,660	-	199 - 212	200	25	-
ABRE220	220	405,423	-	215 - 226	200	25	-
ABRE250	250	449,246	-	245 - 254	200	25	-
ABRE280	NEW 280	513,244	-	278 - 284	200	25	-
ABRE300	300	577,241	-	299 - 304	200	25	-
ABRE315	315	649,170	-	314 - 319	200	25	-
ABRE355	355	822,637	-	354 - 359	200	25	-

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABRET022	22	4,395	2	5
LSABRET028	28	4,504	2	5
LSABRET035	35	4,604	2	5
LSABRET040	40	4,728	2	5
LSABRET048	48	4,632	2	5
LSABRET060	60	4,851	2	5
LSABRET075	75	5,091	2	5
LSABRET090	90	6,245	2	5
LSABRET110	110	6,479	2	5
LSABRET125	125	7,491	2	4

KIT

AB-RE + ES-DR + T4S



AB-RE V

Reinforced pipe clamp, M8 + M10. Ventilation



REINFORCED M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRE250	NEW 250	427,852	-	245 - 254	200	25	-
ABRE280	280	488,804	-	278 - 284	200	25	-
ABRE300	300	549,752	-	299 - 304	200	25	-
ABRE315	315	618,258	-	314 - 319	200	25	-
ABRE355	355	783,463	-	354 - 359	200	25	-
ABRE400	400	971,978	-	399 - 404	200	25	-
ABRE450	450	1.185,275	-	449 - 454	200	10	-
ABRE500	500	1.166,498	-	499 - 504	200	10	-
ABRE560	560	1.395,342	-	555 - 561	200	10	-
ABRE600	600	1.485,061	-	599 - 604	200	10	-
ABRE630	630	1.588,857	-	625 - 631	200	10	-
ABRE710	710	1.791,192	-	705 - 711	200	10	-
ABRE800	800	1.981,707	-	799 - 804	200	10	-
ABRE900	900	2.196,894	-	899 - 904	200	10	-
ABRE910	1000	2.461,225	-	999 - 1.004	200	10	-
ABRE911	1120	2.694,745	-	1.115 - 1.121	200	10	-
ABRE912	1250	2.959,555	-	1.245 - 1.251	200	10	-

Reinforced pipe clamp, M8 + M10

AB-RE



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABREA2018	18	315,063	3/8"	15 - 18	150	50	300
ABREA2022	22	331,335	1/2"	20 - 24	150	50	200
ABREA2028	28	363,759	3/4"	26 - 30	150	50	150
ABREA2035	35	380,618	1"	32 - 36	150	50	100
ABREA2040	40	402,885	1 1/4"	36 - 42	150	25	100
ABREA2048	48	424,760	1 1/2"	47 - 50	150	25	100
ABREA2054	54	448,588	-	51 - 55	150	25	75
ABREA2060	60	477,089	2"	60 - 64	150	25	75
ABREA2075	75	540,407	2 1/2"	75 - 80	150	25	50
ABREA2090	90	621,786	3"	87 - 92	150	25	-
ABREA2110	110	672,686	-	106 - 112	150	25	-
ABREA2115	115	701,684	4"	114 - 119	150	25	-
ABREA2125	125	752,619	4 1/2"	124 - 131	150	25	-
ABREA2140	140	831,866	5"	133 - 140	150	25	-
ABREA2160	160	949,389	6"	159 - 163	150	25	-
ABREA2200	200	1.324,288	-	199 - 212	150	25	-

AB-RE A2

Stainless steel A2



02 Technical info. P. 3/78

REINFORCED M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABREA4018	18	403,116	3/8"	15 - 18	150	50	300
ABREA4022	22	426,202	1/2"	20 - 24	150	50	200
ABREA4028	28	455,189	3/4"	26 - 30	150	50	150
ABREA4035	35	475,514	1"	32 - 36	150	50	100
ABREA4040	40	510,076	1 1/4"	36 - 42	150	25	100
ABREA4048	48	551,072	1 1/2"	47 - 50	150	25	100
ABREA4054	54	574,924	-	51 - 55	150	25	75
ABREA4060	60	612,861	2"	60 - 64	150	25	75
ABREA4075	75	679,966	2 1/2"	75 - 80	150	25	50
ABREA4090	90	745,623	3"	87 - 92	150	25	-
ABREA4110	110	858,596	-	106 - 112	150	25	-
ABREA4115	115	921,141	4"	114 - 119	150	25	-
ABREA4125	125	970,438	4 1/2"	124 - 131	150	25	-
ABREA4140	140	1.148,728	5"	133 - 140	150	25	-
ABREA4160	160	1.260,942	-	159 - 163	150	25	-
ABREA4200	200	1.530,109	-	199 - 212	150	25	-

AB-RE A4

Stainless steel A4



02 Technical info. P. 3/78

REINFORCED M8 + M10



APPLICATION EXAMPLES



AB-RI

Reinforced isophonic pipe clamp M8 + M10

AB-RI

Zinc-plated



02 Technical info. P. 377



REINFORCED



M8 + M10



APPLICATION EXAMPLES



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRI018	18	109,389	3/8"	15 - 19	150	50	200
ABRI022	22	116,442	1/2"	20 - 25	150	50	150
ABRI028	28	125,472	3/4"	26 - 30	150	50	150
ABRI035	35	132,689	1"	32 - 36	150	50	100
ABRI040	40	150,745	1 1/4"	38 - 43	150	25	75
ABRI048	48	162,488	1 1/2"	47 - 51	150	25	75
ABRI054	54	171,518	-	53 - 56	150	25	50
ABRI060	60	189,567	2"	60 - 64	150	25	50
ABRI070	70	196,336	-	68 - 72	150	25	-
ABRI075	75	218,407	2 1/2"	75 - 80	150	25	-
ABRI083	83	221,158	-	81 - 86	150	25	-
ABRI090	90	243,366	3"	87 - 92	150	25	-
ABRI100	100	252,756	3 1/2"	99 - 105	150	25	-
ABRI110	110	293,377	-	107 - 112	200	25	-
ABRI115	115	311,427	4"	113 - 118	200	25	-
ABRI125	125	340,771	4 1/2"	125 - 130	200	25	-
ABRI133	133	345,289	-	132 - 137	200	25	-
ABRI140	140	388,168	5"	138 - 142	200	25	-
ABRI150	150	396,739	-	148 - 152	200	25	-
ABRI160	160	428,778	6"	159 - 166	200	25	-
ABRI180	180	440,104	8"	179 - 184	200	25	-
ABRI200	200	487,459	-	199 - 212	200	25	-
ABRI220	220	559,678	-	215 - 226	200	25	-
ABRI250	250	629,199	-	245 - 254	200	25	-
ABRI280	NEW	672,606	-	278 - 284	200	25	-
ABRI300	300	716,009	-	299 - 304	200	25	-
ABRI315	315	797,178	-	314 - 319	200	25	-
ABRI355	355	1.121,250	-	354 - 359	200	25	-

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABRIT022	22	4,800	2	5
LSABRIT028	28	4,937	2	5
LSABRIT035	35	5,102	2	5
LSABRIT040	40	5,102	2	5
LSABRIT048	48	5,291	2	5
LSABRIT060	60	5,658	2	5
LSABRIT075	75	6,101	2	5
LSABRIT090	90	7,011	2	5
LSABRIT110	110	8,212	2	4

KIT

AB-RI + ES-DR + T4S



AB-RI V

Reinforced isophonic pipe clamp M8 + M10. Ventilation



REINFORCED



M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRI250	250	599,236	-	245 - 254	200	25	-
ABRI280	NEW	640,577	-	278 - 284	200	25	-
ABRI300	300	681,914	-	299 - 304	200	25	-
ABRI315	315	759,218	-	314 - 319	200	25	-
ABRI355	355	1067,855	-	354 - 359	200	25	-
ABRI400	400	1.216,985	-	399 - 404	200	25	-
ABRI450	450	1.465,555	-	449 - 454	200	10	-
ABRI500	500	1.504,041	-	499 - 504	200	10	-
ABRI560	560	1.669,252	-	555 - 561	200	10	-
ABRI600	600	1.841,084	-	599 - 604	200	10	-
ABRI630	630	1.999,039	-	625 - 631	200	10	-
ABRI710	710	2.316,482	-	705 - 711	200	10	-
ABRI800	800	2.517,144	-	799 - 804	200	10	-
ABRI900	900	2.857,313	-	899 - 904	200	10	-
ABRI910	1000	3.257,090	-	999 - 1.004	200	10	-
ABRI911	1120	3.598,273	-	1.115 - 1.121	200	10	-
ABRI912	1250	3.938,438	-	1.245 - 1.251	200	10	-

Reinforced isophonic pipe clamp M8 + M10

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRIA2018	18	406,333	3/8"	15 - 18	150	50	200
ABRIA2022	22	417,543	1/2"	20 - 24	150	50	150
ABRIA2028	28	436,125	3/4"	26 - 30	150	50	150
ABRIA2035	35	458,843	1"	32 - 36	150	50	100
ABRIA2040	40	483,854	1 1/4"	36 - 42	150	25	75
ABRIA2048	48	512,806	1 1/2"	47 - 50	150	25	75
ABRIA2054	54	559,878	-	51 - 55	150	25	50
ABRIA2060	60	590,272	2"	60 - 64	150	25	50
ABRIA2075	75	664,990	2 1/2"	75 - 80	150	25	-
ABRIA2090	90	718,981	3"	87 - 92	150	25	-
ABRIA2110	110	799,509	-	106 - 112	150	25	-
ABRIA2115	115	821,667	4"	114 - 119	150	25	-
ABRIA2125	125	885,584	4 1/2"	124 - 131	150	25	-
ABRIA2140	140	916,899	5"	133 - 140	150	25	-
ABRIA2160	160	1.028,717	6"	159 - 163	150	25	-

AB-RI A2

Stainless steel A2



02 Technical info. P. 378



M8 + M10



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRIA4018	18	481,884	3/8"	15 - 18	150	50	200
ABRIA4022	22	506,601	1/2"	20 - 24	150	50	150
ABRIA4028	28	528,801	3/4"	26 - 30	150	50	150
ABRIA4035	35	568,397	1"	32 - 36	150	50	100
ABRIA4040	40	612,651	1 1/4"	36 - 42	150	25	75
ABRIA4048	48	658,665	1 1/2"	47 - 50	150	25	75
ABRIA4054	54	691,254	-	51 - 55	150	25	50
ABRIA4060	60	755,598	2"	60 - 64	150	25	50
ABRIA4075	75	826,704	2 1/2"	75 - 80	150	25	-
ABRIA4090	90	907,078	3"	87 - 92	150	25	-
ABRIA4110	110	1.069,485	-	106 - 112	150	25	-
ABRIA4115	115	1.111,852	4"	114 - 119	150	25	-
ABRIA4125	125	1.177,880	4 1/2"	124 - 131	150	25	-
ABRIA4140	140	1.277,332	5"	133 - 140	150	25	-
ABRIA4160	160	1.463,298	6"	159 - 163	150	25	-

AB-RI A4

Stainless steel A4



02 Technical info. P. 378



M8 + M10



APPLICATION EXAMPLES




NEW

AB-RI DES

Reinforced isophonic sliding pipe clamp M8+M10



CODE	SIZE	€/100		
ABRID016	16 (M8+M10)	168,000	150	
ABRID020	20 (M8+M10)	175,000	100	
ABRID025	25 (M8+M10)	185,500	100	
ABRID032	32 (M8+M10)	203,000	100	
ABRID040	40 (M8+M10)	220,500	50	
ABRID050	50 (M8+M10)	281,750	50	
ABRID063	63 (M8+M10)	353,500	50	
ABRID075	75 (M8+M10)	402,500	50	
ABRID090	90 (M8+M10)	444,500	50	
ABRID110	110 (M8+M10)	577,500	25	
ABRID125	125 (M8+M10)	700,000	25	
ABRID140	140 (M8+M10)	742,000	20	
ABRID160	160 (M8+M10)	857,500	20	

NEW

PA-EX

Expansion guide




CODE	SIZE	€/100		
PAEXM08	M8	3.150,000	50	-
PAEXM10	M10	3.150,000	50	-

NEW

CO-AR

Articulated hanger




CODE	SIZE	€/100		
COAR08060	M8 x 60	216,667	50	300
COAR10060	M10 x 60	333,333	50	300

NEW

AB-ICP

Reinforced isophonic pipe clamp for heavy duty



CODE	SIZE	€/100	ØD(MM)	
ABICP060	60 (M8/M10)	695,520	60 - 64	25
ABICP075	75 (M10/12)	850,080	75-80	25
ABICP090	90 (M10/12)	927,360	87 - 92	25
ABICP110	110 (M10/12)	1.062,600	107 - 112	25
ABICP140	140 (M12/16)	1.854,720	138 - 142	25
ABICP160	160 (M12/16)	2.202,480	159 - 166	25
ABICP220	220 (M12/16)	2.898,000	215 - 226	10
ABICP270	270 (M12/16)	3.630,953	268 - 274	10
ABICP315	315 (M12/16)	4.117,575	314 - 319	10

Thermal insulation pipe clamp

AB-AIS



CODE	SIZE	€/100	THICKNESS	
ABAIS13010	10 (M8+M10)	682,500	13	50
ABAIS13012	12 (M8+M10)	700,000	13	50
ABAIS13015	15 (M8+M10)	717,500	13	50
ABAIS13018	18 (M8+M10)	770,000	13	50
ABAIS13022	22 (M8+M10)	822,500	13	50
ABAIS13028	28 (M8+M10)	857,500	13	50

AB-AIS 13 NEW

13 mm



CODE	SIZE	€/100	THICKNESS	
ABAIS19010	10 (M8+M10)	840,000	19	50
ABAIS19012	12 (M8+M10)	857,500	19	50
ABAIS19015	15 (M8+M10)	910,000	19	50
ABAIS19017	17 (M8+M10)	910,000	19	50
ABAIS19018	18 (M8+M10)	927,500	19	50
ABAIS19022	22 (M8+M10)	945,000	19	50
ABAIS19028	28 (M8+M10)	1.015,000	19	50
ABAIS19035	35 (M8+M10)	1.085,000	19	50
ABAIS19042	42 (M8+M10)	1.172,500	19	25
ABAIS19054	54 (M8+M10)	1.330,000	19	25
ABAIS19060	60 (M8+M10)	1.470,000	19	25
ABAIS19064	64 (M8+M10)	1.610,000	19	25
ABAIS19067	67 (M8+M10)	1.715,000	19	25
ABAIS19076	76 (M8+M10)	1.837,500	19	25
ABAIS19080	80 (M8+M10)	1.925,000	19	25
ABAIS19114	114 (M8+M10)	2.625,000	19	10

AB-AIS 19 NEW

19 mm



CODE	SIZE	€/100	THICKNESS	
ABAIS30027	27 (M8+M10)	1.277,500	30	50
ABAIS30034	34 (M8+M10)	1.382,500	30	50
ABAIS30042	42 (M8+M10)	1.470,000	30	25
ABAIS30049	49 (M8+M10)	1.522,500	30	25
ABAIS30054	54 (M8+M10)	1.837,500	30	25
ABAIS30060	60 (M8+M10)	1.872,500	30	25
ABAIS30076	76 (M8+M10)	1.960,000	30	25
ABAIS30089	89 (M8+M10)	2.082,500	30	25
ABAIS30108	108 (M8+M10)	2.887,500	30	10
ABAIS30114	114 (M8+M10)	2.975,000	30	10

AB-AIS 30 NEW

30 mm



CODE	SIZE	€/100	THICKNESS	
ABAIS40049	49 (M8+M10)	1.907,500	40	25
ABAIS40060	60 (M8+M10)	2.240,000	40	25
ABAIS40089	89 (M8+M10)	2.695,000	40	25
ABAIS40114	114 (M8+M10)	4.200,000	40	10
ABAIS40133	133 (M8+M10)	4.532,500	40	10
ABAIS40140	140 (M8+M10)	4.900,000	40	10
ABAIS40159	159 (M12+M16)	5.600,000	40	10
ABAIS40168	168 (M12+M16)	5.950,000	40	10
ABAIS40219	219 (M12+M16)	7.175,000	40	5

AB-AIS 40 NEW

40 mm



AB-GA

Pipe clamp for gas M8 + M10, yellow coated



02 Technical info. P. 379

M8
Ø 18-34 mm.
M8/M10
Ø 60-160 mm.

REINFORCED



According to
UNE-EN ISO 4892

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABGA018	18	89,873	3/8"	15 - 18	200	50	300
ABGA022	22	94,735	1/2"	20 - 24	200	50	200
ABGA028	28	100,723	3/4"	26 - 30	200	50	150
ABGA035	35	107,989	1"	32 - 36	200	50	100
ABGA040	40	113,596	1 1/4"	38 - 42	200	50	100
ABGA048	48	119,340	1 1/2"	47 - 50	200	50	100
ABGA054	54	127,078	-	52 - 56	200	25	75
ABGA060	60	135,972	2"	60 - 64	200	25	75
ABGA075	75	162,491	2 1/2"	75 - 80	200	25	50
ABGA090	90	171,714	3"	85 - 90	200	25	-
ABGA100	100	188,685	3 1/2"	99 - 105	200	25	-
ABGA110	110	213,686	-	107 - 112	200	25	-
ABGA115	115	216,587	4"	113 - 118	200	25	-
ABGA140	140	254,188	5"	138 - 142	200	25	-
ABGA160	160	268,205	6"	159 - 166	200	25	-



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABGAT022	22	4,653	2	6
LSABGAT028	28	4,751	2	6
LSABGAT035	35	4,673	2	6
LSABGAT040	40	5,029	2	6
LSABGAT048	48	4,937	2	6
LSABGAT060	60	5,281	2	6
LSABGAT075	75	5,658	2	6
LSABGAT090	90	6,198	2	6
LSABGAT110	110	8,380	2	5

KIT
AB-GA + ES-DR
+ T4S



APPLICATION EXAMPLES



AB-M8

Drainpipe clamp M8



02 Technical info. P. 379

DRAINPIPE



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD	
ABM8050	50	120,397	49 - 54	100	-
ABM8063	63	118,248	60 - 65	100	-
ABM8075	75	127,260	75 - 80	100	-
ABM8090	90	136,098	88 - 92	100	-
ABM8110	110	150,497	108 - 113	100	-
ABM8125	125	157,857	124 - 130	100	-
ABM8160	160	195,748	159 - 165	100	-
ABM8200	200	232,407	199 - 203	100	-
ABM8250	250	297,028	249 - 254	50	-
ABM8315	315	644,046	314 - 319	50	-



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABM8090	90	3,474	2	6
LSABM8110	110	3,623	2	6
LSABM8125	125	2,475	1	8
LSABM8160	160	3,186	1	4

Recessed drainpipe clamp

AB-DE



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD	
ABDE075	75	177,632	75 - 80	200	100
ABDE090	90	192,315	87 - 92	200	100
ABDE110	110	232,379	107 - 112	200	100
ABDE125	125	261,762	125 - 130	200	50

AB-DE Z

Zinc-plated



02 Technical info. P. 380



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD	
ABDE160	160	304,497	159 - 166	200	50
ABDE200	200	365,929	199 - 212	200	50
ABDE250	250	587,626	245 - 254	200	25
ABDE315	315	737,205	314 - 319	200	25

AB-DE G

ATLANTIS C2-L



02 Technical info. P. 380

APPLICATION EXAMPLES



REINFORCED



Drainpipe clamp with hole

AB-DP



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD	
ABDP075	75	203,000	75 - 80	200	100
ABDP090	90	221,697	87 - 92	200	100
ABDP110	110	242,526	107 - 112	200	100
ABDP125	125	272,444	125 - 130	200	50

AB-DP Z

Zinc-plated



02 Technical info. P. 380



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD	
ABDP160	160	325,864	159 - 166	200	50
ABDP200	200	384,626	199 - 212	200	25
ABDP250	250	534,209	245 - 254	200	25

AB-DP G

ATLANTIS C2-L



02 Technical info. P. 380

APPLICATION EXAMPLES



REINFORCED



AB-ZI

U-bolt

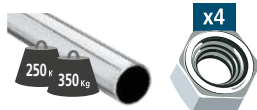


AB-ZI

Zinc-plated



02 Technical info. P. 381



CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUM LOAD		
AZIM060250	M6	25,276	1/4"	250	100	800
AZIM060375	M6	26,159	3/8"	250	100	1.200
AZIM060500	M6	30,021	1/2"	250	100	600
AZIM060750	M6	35,528	3/4"	250	100	600
AZIM061000	M6	38,158	1"	250	100	400
AZIM061250	M6	51,040	1 1/4"	250	50	300
AZIM081500	M8	79,234	1 1/2"	350	50	150
AZIM082000	M8	90,317	2"	350	50	150
AZIM082250	M8	105,184	2 1/4"	350	50	100
AZIM082500	M8	110,835	2 1/2"	350	50	100
AZIM083000	M8	118,848	3"	350	50	100
AZIM083500	M8	141,574	3 1/2"	350	50	100
AZIM084000	M8	174,733	4"	350	50	100
AZIM084500	M8	184,803	4 1/2"	350	25	100
AZIM085000	M8	191,271	5"	350	25	100
AZIM086000	M8	217,454	6"	350	25	100
AZIM103000	M10	159,798	3"	350	25	50
AZIM103500	M10	183,464	3 1/2"	350	25	50
AZIM104000	M10	206,082	4"	350	25	100
AZIM105000	M10	228,495	5"	350	25	100
AZIM106000	M10	264,305	6"	350	25	100
AZIM108000	M10	300,746	8"	350	25	100

NEW AB-ZI A2

Stainless steel A2



CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUM LOAD		
AZA2060500	M6	95,968	1/2"	250	100	600
AZA2060750	M6	111,564	3/4"	250	100	600
AZA2061000	M6	137,445	1"	250	100	400
AZA2061250	M6	162,744	1 1/4"	250	50	300
AZA2081500	M8	282,809	1 1/2"	350	50	150
AZA2082000	M8	328,947	2"	350	50	150
AZA2082500	M8	370,627	2 1/2"	350	50	100
AZA2083000	M8	402,842	3"	350	50	100
AZA2104000	M10	819,624	4"	350	50	-
AZA2106000	M10	1.057,080	6"	350	25	-
AZA2108000	M10	1.264,620	8"	350	25	-

U-bolt support

AB-SA



CODE	SIZE	€/100	LENGTH	
ABSA050100	50 x 100	390,274	100	50
ABSA050125	50 x 125	422,966	125	50
ABSA050200	50 x 200	517,067	200	25
ABSA050300	50 x 300	625,286	300	25
ABSA050400	50 x 400	763,930	400	25
ABSA050500	100 x 100	1.116,050	500	10
ABSA050600	100 x 125	1.225,072	600	10
ABSA100100	100 x 100	518,457	100	25
ABSA100125	100 x 125	556,186	125	25
ABSA100200	100 x 200	657,404	200	25
ABSA100300	100 x 300	833,730	300	10
ABSA100400	100 x 400	1.115,174	400	10
ABSA100500	100 x 500	1.457,683	500	10



Heavy duty pipe clamp

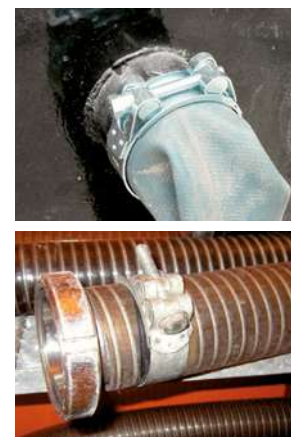
AB-GP



CODE	SIZE	€/100	ØD(MM)		
AGP023025	23-25	146,300	23 - 25	50	300
AGP026028	26-28	152,121	26 - 28	50	300
AGP029031	29-31	182,812	29 - 31	50	200
AGP032035	32-35	187,807	32 - 35	50	150
AGP036039	36-39	189,060	36 - 39	50	150
AGP040043	40-43	200,298	40 - 43	50	100
AGP044047	44-47	262,591	44 - 47	50	-
AGP048051	48-51	274,096	48 - 51	25	75
AGP052055	52-55	280,151	52 - 55	25	75
AGP056059	56-59	286,811	56 - 59	25	75
AGP060063	60-63	298,925	60 - 63	25	50
AGP064067	64-67	327,569	64 - 67	25	50
AGP068073	68-73	403,515	68 - 73	25	-
AGP074079	74-79	408,510	74 - 79	25	-
AGP080085	80-85	412,759	80 - 85	25	-
AGP086091	86-91	420,588	86 - 91	25	-
AGP092097	92-97	440,997	92 - 97	25	-
AGP098103	98-103	445,571	98 - 103	25	-
AGP104112	104-112	483,886	104 - 112	25	-
AGP113121	113-121	516,782	113 - 121	25	-
AGP122130	122-130	554,677	122 - 130	25	-
AGP131139	131-139	692,094	131 - 139	25	-
AGP140148	140-148	707,084	140 - 148	25	-
AGP149161	149-161	749,151	149 - 161	25	-
AGP162174	162-174	782,040	162 - 174	25	-



APPLICATION EXAMPLES



Blister




CODE	SIZE	€/BAG	PCS. BAG	BAGS
BZAGP023025	23-25	4,357	2	10
BZAGP029031	29-31	4,357	2	10
BZAGP040043	40-43	4,357	2	10



LIGHT METAL CLAMPS

SIZES (mm)	RECOMMENDED LOAD (kg)	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	PARALLEL ASSEMBLING	SCREW
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AB-M6 AB-M6 Z APPLICATIONS: Gas, Sanitation, Electric P. 210

	Ø 8 - Ø 63	70 - 100	  AB-M6 AB-M6 Z	1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
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AB-M7 Z APPLICATIONS: Gas Sanitation Electric P. 207

	Ø 8 - Ø 63	70		0,8 - 1	11	-	Embed M7	-	-	-	-	-
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AB-D6 AB-D6 Z APPLICATIONS: Gas, Sanitation, Electric P. 210

	Ø 12 - Ø 28	100	  AB-D6 AB-D6 Z	1	12	-	Embed M6	-	-	-	✓	-
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AB-DZ 7 APPLICATIONS: Gas, Sanitation, Electric P. 208

	Ø 10 - Ø 28	70		0,8 - 1	11	-	Embed M7	-	-	-	✓	-
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AB-6I APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 208

	Ø 12 - Ø 60	70 - 100		1 - 1,2	12	Fast lateral	Embed M6	-	✓	✓	-	-
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AB-DI APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 208

	Ø 12 - Ø 60	100		1	12	-	Embed M6	-	✓	✓	✓	-
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AB-7I Z APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 211

























	Ø 12 - Ø 50	70		0,8 - 1	11	-	Embed M7	-	✓	✓	-	-
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AB-7ID Z APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 212

	Ø 10 - Ø 28	70		0,8 - 1	11	-	Embed M7	-	✓	✓	✓	-
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AB-PI APPLICATIONS: Sanitation, Electric P. 212

	Ø 6 - Ø 63	30		1,1 - 1,3	12,5 - 19	-	-	-	-	-	-	-
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	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	PARALLEL ASSEMBLING	SCREW
AB-PU	APPLICATIONS: Sanitation, Electric										P. 212	
	Ø 16 - Ø 63	30		1,2 - 1,4	12 - 20	-	-	-	-	-	-	-
AB-GM	APPLICATIONS: Gas										P. 209	
	Ø 12 - Ø 35	100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
AB-GS	APPLICATIONS: Gas										P. 209	
	Ø 10 - Ø 54	70 - 100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
AB-GD	APPLICATIONS: Gas										P. 208	
	Ø 12 - Ø 28	100		1 - 1,2	12	-	Embed M6	According to EN ISO 4892	-	-		Pre-assembled
AB-CR	APPLICATIONS: Sanitation										P. 214	
	Ø 10 - Ø 12	70		1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
AB-BU	APPLICATIONS: Sanitation, Industrial										P. 214	
	Ø 13 - Ø 21	-		0,6	9	-	-	-	-	-	-	Pre-assembled
AB-SF	APPLICATIONS: Sanitation, Industrial										P. 213	
	Ø 8 - Ø 150	-		0,6 - 0,8	9	-	-	-	-	-	-	Pre-assembled
AB-IP	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 213	
	-	-		1,5	20	-	-	-			-	ABT006015
AB-SI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 213	
	3 / 25 Holes	-		3	20	-	-	-				ABT006015

AB-M6

Pipe clamp M6

AB-M6

Yellow zinc-plated



02 Technical info
P. 332

LATERAL OPENING



CODE	SIZE	€/100	SIZE IN INCHES	Ø(D)MM	MAXIMUM LOAD		
ABM6008	8 (M6)	16,128	-	8	70	100	1.200
ABM6010	10 (M6)	16,699	1/8"	10	70	100	1.200
ABM6012	12 (M6)	16,496	-	12	70	100	1.200
ABM6014	14 (M6)	17,070	1/4"	14	70	100	1.200
ABM6015	15 (M6)	17,073	-	15	70	100	600
ABM6016	16 (M6)	17,556	-	16	70	100	600
ABM6018	18 (M6)	17,983	3/8"	18	70	100	600
ABM6020	20 (M6)	18,253	-	20	70	100	600
ABM6022	22 (M6)	19,079	1/2"	22	70	100	600
ABM6025	25 (M6)	20,041	-	25	70	100	600
ABM6026	26 (M6)	21,081	3/4"	26	70	100	400
ABM6028	28 (M6)	21,588	-	28	70	100	400
ABM6032	32 (M6)	23,902	1"	32	70	50	300
ABM6035	35 (M6)	26,870	-	35	70	50	300
ABM6037	37 (M6)	28,329	-	37	100	50	300
ABM6040	40 (M6)	30,769	-	40	100	50	300
ABM6042	42 (M6)	31,913	1 1/4"	42	100	50	300
ABM6047	47 (M6)	34,703	1 1/2"	47	100	50	200
ABM6050	50 (M6)	34,839	-	50	100	50	150
ABM6054	54 (M6)	40,509	-	54	100	50	150
ABM6060	60 (M6)	44,335	2"	60	100	50	150
ABM6063	63 (M6)	46,820	-	63	100	50	100



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABM6012	12	5,503	20	5
LSABM6014	14	5,610	20	5
LSABM6016	16	5,711	20	5
LSABM6018	18	4,768	15	6
LSABM6022	22	3,981	10	6
LSABM6028	28	2,903	6	6
LSABM6032	32	2,580	4	6
LSABM6040	40	2,961	4	5

AB-M6 Z

Zinc-plated



02 Technical info
P. 332

LATERAL OPENING



CODE	SIZE	€/100	SIZE IN INCHES	Ø(D)MM	MAXIMUM LOAD		
ABMZ6008	8 (M6)	16,128	-	8	70	100	1.200
ABMZ6010	10 (M6)	16,699	1/8"	10	70	100	1.200
ABMZ6012	12 (M6)	16,496	-	12	70	100	1.200
ABMZ6014	14 (M6)	17,070	1/4"	14	70	100	1.200
ABMZ6015	15 (M6)	17,073	-	15	70	100	600
ABMZ6016	16 (M6)	17,556	-	16	70	100	600
ABMZ6018	18 (M6)	17,983	3/8"	18	70	100	600
ABMZ6020	20 (M6)	18,253	-	20	70	100	600
ABMZ6022	22 (M6)	19,079	1/2"	22	70	100	600
ABMZ6025	25 (M6)	20,041	-	25	70	100	600
ABMZ6026	26 (M6)	21,081	3/4"	26	70	100	400
ABMZ6028	28 (M6)	21,588	-	28	70	100	400
ABMZ6032	32 (M6)	23,902	1"	32	70	50	300
ABMZ6035	35 (M6)	26,870	-	35	70	50	300
ABMZ6037	37 (M6)	28,329	-	37	100	50	300
ABMZ6040	40 (M6)	30,769	-	40	100	50	300
ABMZ6042	42 (M6)	31,913	1 1/4"	42	100	50	300
ABMZ6047	47 (M6)	34,703	1 1/2"	47	100	50	200
ABMZ6050	50 (M6)	34,839	-	50	100	50	150
ABMZ6054	54 (M6)	40,509	-	54	100	50	150
ABMZ6060	60 (M6)	44,335	2"	60	100	50	150
ABMZ6063	63 (M6)	46,820	-	63	100	50	100

Pipe clamp M6

AB-M6

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABM6A2012	12 (M6)	178,357	1/4"	12	70	100	1.200
ABM6A2015	15 (M6)	181,580	-	14 - 15	70	100	600
ABM6A2018	18 (M6)	184,804	3 / 8"	16 - 18	70	100	600
ABM6A2020	20 (M6)	188,500	1 / 2"	19 - 21	70	100	600
ABM6A2022	22 (M6)	190,880	-	22 - 24	70	100	600
ABM6A2028	28 (M6)	201,604	3/4"	25 - 30	70	100	400

AB-M6 A2

Stainless steel A2



02 Technical info. P. 383

Double pipe clamp M6

AB-D6



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABD6012	12 (M6)	26,187	-	12	100	50	600
ABD6015	15 (M6)	28,529	-	15	100	50	300
ABD6018	18 (M6)	31,339	3/8"	18	100	50	300
ABD6022	22 (M6)	35,539	1/2"	22	100	50	300
ABD6028	28 (M6)	41,661	-	28	100	50	200

AB-D6

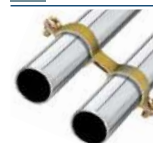
Yellow zinc-plated



02 Technical info. P. 383

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABD6012	12	3,056	5	6
LSABD6015	15	3,155	5	6
LSABD6018	18	3,248	5	6
LSABD6022	22	3,155	4	6
LSABD6028	28	3,880	4	6



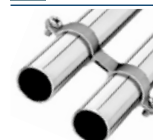
CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABDZ6012	12 (M6)	26,187	-	12	100	50	600
ABDZ6015	15 (M6)	28,529	-	15	100	50	300
ABDZ6018	18 (M6)	31,339	3/8"	18	100	50	300
ABDZ6022	22 (M6)	35,539	1/2"	22	100	50	300
ABDZ6028	28 (M6)	41,661	-	28	100	50	200

AB-D6 Z

Zinc-plated



02 Technical info. P. 383



APPLICATION EXAMPLES



AB-6I

Isophonic pipe clamp M6



02 Technical info. P. 384

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

LATERAL OPENING



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
AB6I012	12 (M6)	25,673	1/8"	12	70	100	600
AB6I015	15 (M6)	26,390	1/4"	15	70	100	600
AB6I016	16 (M6)	27,559	-	16	70	100	600
AB6I018	18 (M6)	27,801	3/8"	18	70	100	600
AB6I022	22 (M6)	31,633	1/2"	22	70	100	400
AB6I026	26 (M6)	35,858	-	26	70	100	400
AB6I028	28 (M6)	37,303	3/4"	28	70	100	300
AB6I032	32 (M6)	39,060	-	32	70	50	200
AB6I035	35 (M6)	44,044	1"	35	70	50	200
AB6I042	42 (M6)	54,450	1 1/4"	42	100	50	150
AB6I048	48 (M6)	61,642	1 1/2"	48	100	50	100
AB6I054	54 (M6)	72,807	-	54	100	50	100
AB6I060	60 (M6)	77,340	2"	60	100	50	100

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSAB6I012	12	4,481	10	6
LSAB6I015	15	4,710	10	5
LSAB6I016	16	4,738	10	6
LSAB6I018	18	3,835	8	6
LSAB6I022	22	3,499	6	6
LSAB6I028	28	3,066	4	6

AB-DI

Double isophonic pipe clamp M6



02 Technical info. P. 384

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABDI0012	12 (M6)	46,036	1/8"	12	100	50	300
ABDI0015	15 (M6)	54,905	1/4"	15	100	50	300
ABDI0018	18 (M6)	59,917	3/8"	18	100	50	200
ABDI0022	22 (M6)	69,013	1/2"	22	100	50	200
ABDI0028	28 (M6)	90,066	3/4"	28	100	50	150

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABDI0012	12	3,530	5	6
LSABDI0015	15	3,729	5	6
LSABDI0018	18	3,035	3	6
LSABDI0022	22	3,169	3	6

Pipe clamp M7

AB-M7 Z



CODE	SIZE	€/100	ØD(MM)		
ABMZ7008	8 (M7)	16,128	8	100	1.200
ABMZ7010	10 (M7)	16,699	10	100	1.200
ABMZ7012	12 (M7)	16,496	12	100	1.200
ABMZ7014	14 (M7)	17,070	14	100	1.200
ABMZ7016	16 (M7)	17,556	16	100	1.200
ABMZ7018	18 (M7)	17,983	18	100	1.200
ABMZ7020	20 (M7)	18,253	20	100	1.200
ABMZ7022	22 (M7)	19,079	22	100	600
ABMZ7024	24 (M7)	19,471	24	100	600
ABMZ7025	25 (M7)	20,041	25	100	600
ABMZ7026	26 (M7)	21,081	26	100	600
ABMZ7028	28 (M7)	21,588	28	100	600
ABMZ7032	32 (M7)	23,902	32	50	600
ABMZ7034	34 (M7)	26,583	34	50	300
ABMZ7036	36 (M7)	28,329	36	50	300
ABMZ7038	38 (M7)	28,284	38	50	300
ABMZ7040	40 (M7)	30,769	40	50	300
ABMZ7050	50 (M7)	34,839	50	50	200
ABMZ7063	63 (M7)	46,820	63	25	150



02 Technical
P. 385 info.



Double pipe clamp M7

AB-D7 Z



CODE	SIZE	€/100	ØD(MM)		
ABDZ70810	8-10 (M7)	26,667	12	50	600
ABDZ71012	10-12 (M7)	26,187	14	50	600
ABDZ71214	12-14 (M7)	29,099	16	50	600
ABDZ71416	14-16 (M7)	28,529	18	50	600
ABDZ71618	16-18 (M7)	31,339	20	50	600
ABDZ71820	18-20 (M7)	35,539	22	50	300
ABDZ72022	20-22 (M7)	41,661	24	50	300
ABDZ72224	22-24 (M7)	43,019	28	50	300
ABDZ72628	26-28 (M7)	45,206	10	50	300



02 Technical
P. 385 info.



AB-7I Z

Isophonic pipe clamp M7



02 Technical info. P. 336



CODE	SIZE	€/100	ØD(MM)		
AB7IZ010	10 (M7)	24,465	10	100	1.200
AB7IZ012	12 (M7)	25,673	12	100	1.200
AB7IZ014	14 (M7)	26,390	14	100	1.200
AB7IZ016	16 (M7)	27,559	16	100	1.200
AB7IZ018	18 (M7)	27,801	18	100	600
AB7IZ020	20 (M7)	29,995	20	100	600
AB7IZ022	22 (M7)	31,633	22	100	600
AB7IZ024	24 (M7)	32,655	24	100	600
AB7IZ026	26 (M7)	35,858	26	100	600
AB7IZ028	28 (M7)	37,303	28	100	400
AB7IZ032	32 (M7)	39,060	32	50	300
AB7IZ034	34 (M7)	42,081	34	50	300
AB7IZ036	36 (M7)	44,044	36	50	300
AB7IZ038	38 (M7)	44,286	38	50	300
AB7IZ040	40 (M7)	49,189	40	50	300
AB7IZ050	50 (M7)	51,282	50	50	200

AB-7ID Z

Double isophonic pipe clamp M7



02 Technical info. P. 336



CODE	SIZE	€/100	ØD(MM)		
AB7IDZ0810	08-10 (M7)	43,043	10	50	600
AB7IDZ1012	10-12 (M7)	46,036	12	50	600
AB7IDZ1214	12-14 (M7)	47,506	14	50	600
AB7IDZ1416	14-16 (M7)	54,905	16	50	300
AB7IDZ1618	16-18 (M7)	59,917	18	50	300
AB7IDZ1820	18-20 (M7)	60,743	20	50	300
AB7IDZ2022	20-22 (M7)	69,013	22	50	300
AB7IDZ2224	22-24 (M7)	73,063	24	50	200
AB7IDZ2628	26-28 (M7)	90,066	28	50	200

Conduit clip, with single hole

AB-PI



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABPI006	6	4,953	-	6	30	100	2.400
ABPI008	8	5,296	-	8	30	100	2.400
ABPI010	10	5,884	1/8"	10	30	100	2.400
ABPI012	12	6,209	1/4"	12	30	100	2.400
ABPI014	14	7,795	-	14	30	100	2.400
ABPI016	16	9,541	3/8"	16	30	100	1.200
ABPI018	18	10,357	-	18	30	100	1.200
ABPI020	20	12,310	1/2"	20	30	100	1.200
ABPI022	22	13,458	-	22	30	100	600
ABPI025	25	15,008	-	25	30	100	600
ABPI026	26	15,523	3/4"	26	30	100	600
ABPI028	28	16,300	-	28	30	100	600
ABPI032	32	22,267	1"	32	30	100	600
ABPI040	40	30,524	-	40	30	50	300
ABPI042	42	35,991	1 1/4"	42	30	50	300
ABPI047	47	37,503	1 1/2"	47	30	50	200
ABPI050	50	38,794	-	50	30	50	200
ABPI063	63	58,153	2"	63	30	50	200



Blister



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZABPI016	16	1,857	2	15
BZABPI018	18	1,857	2	12
BZABPI020	20	1,857	2	10
BZABPI022	22	1,857	2	10
BZABPI025	25	1,857	2	10
BZABPI028	28	1,857	2	10
BZABPI032	32	1,857	2	10

CODE	SIZE	€/BAG	PCS.	BAGS
LSABPI016	16	3,949	20	5
LSABPI018	18	4,059	20	5
LSABPI020	20	4,219	20	5
LSABPI022	22	4,621	20	5
LSABPI025	25	4,226	15	5
LSABPI028	28	3,574	10	6
LSABPI032	32	2,961	6	6
LSABPI040	40	2,808	4	6



02 Technical info. P. 387



APPLICATION EXAMPLES



Bridge conduit clip, with double hole

AB-PU



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABPU016	16	12,240	3/8"	16	75	100	1.200
ABPU018	18	12,824	-	18	75	100	1.200
ABPU020	20	12,968	1/2"	20	75	100	600
ABPU022	22	15,645	-	22	75	100	600
ABPU025	25	16,492	-	25	75	100	600
ABPU028	28	17,815	-	28	75	100	600
ABPU032	32	20,164	1"	32	75	50	300
ABPU037	37	24,122	-	37	75	50	300
ABPU040	40	28,252	-	40	75	50	300
ABPU050	50	36,813	-	50	75	50	200
ABPU063	63	49,910	2"	63	75	50	150



Self-Service

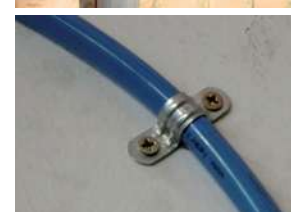
CODE	SIZE	€/BAG	PCS.	BAGS
LSABPU016	16	4,423	20	5
LSABPU018	18	4,677	20	5
LSABPU020	20	4,753	20	5
LSABPU022	22	5,384	20	5
LSABPU025	25	4,725	15	5
LSABPU028	28	3,934	10	6
LSABPU032	32	2,898	6	6
LSABPU037	37	2,600	4	6
LSABPU040	40	2,638	4	6
LSABPU050	50	2,971	4	6
LSABPU063	63	3,231	4	6



02 Technical info. P. 387



APPLICATION EXAMPLES



AB-IP

Isophonic bridge conduit clip



02 Technical info. P. 388

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	HOLE NUM		
ABIP015	15	49,903	-	15	3	50	600
ABIP018	18	54,985	3/8"	18	3	50	300
ABIP022	22	60,333	1/2"	22	3	50	300
ABIP026	26	70,515	3/4"	26	4	50	300
ABIP028	28	75,383	-	28	4	50	300
ABIP035	35	85,736	1"	35	4	50	150
ABIP042	42	93,261	1 1/4"	42	4	25	100
ABIP048	48	100,783	1 1/2"	48	4	25	100
ABIP054	54	112,109	-	54	5	25	100
ABIP060	60	126,259	2"	60	5	25	75
ABIP067	67	140,420	-	67	5	25	75
ABIP075	75	149,800	2 1/2"	75	6	25	75
ABIP090	90	177,037	3"	90	6	25	75

AB-SI

Fixing plate for Isophonic bridge conduit clip

AB-SI

Fixing plate for Isophonic bridge conduit clip



02 Technical info. P. 388

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



CODE	SIZE	€/100	METRIC DRILL	HOLE NUM	
ABSI003	3	169,523	M6	3	25
ABSI004	4	197,341	M6	4	25
ABSI005	5	226,842	M6	5	25
ABSI006	6	255,423	M6	6	25
ABSI007	7	285,775	M6	7	25
ABSI008	8	313,779	M6	8	25
ABSI009	9	341,971	M6	9	25
ABSI010	10	358,418	M6	10	25
ABSI011	11	391,899	M6	11	25
ABSI012	12	421,222	M6	12	25
ABSI013	13	448,707	M6	13	25
ABSI014	14	471,671	M6	14	25
ABSI015	15	501,365	M6	15	25
ABSI016	16	529,592	M6	16	10
ABSI017	17	570,000	M6	17	10
ABSI018	18	618,926	M6	18	10
ABSI019	19	626,168	M6	19	10
ABSI020	20	675,059	M6	20	10
ABSI021	21	682,234	M6	21	10
ABSI022	22	711,571	M6	22	10
ABSI025	25	839,892	M6	25	10

AB-TO

Screw for AB-IP



CODE	SIZE	€/100	
ABTO06015	M6 x 15	7,928	100

APPLICATION EXAMPLES



Hose clamp

AB-SF



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)		
ASF008016	8-16	30,131	5/16" - 5/8"	8-16	100	1.200
ASF012022	12-22	31,089	1/2" - 7/8"	12-22	100	600
ASF016027	16-27	32,733	5/8" - 1 1/16"	16 - 27	100	600
ASF020032	20-32	36,706	3/4" - 1 1/4"	20 - 32	100	600
ASF025040	25-40	42,821	1" - 1 5/8"	25 - 40	100	400
ASF030045	30-45	47,806	1 3/16" - 1 3/4"	30 - 45	100	300
ASF035050	35-50	48,084	1 3/8" - 2"	35 - 50	100	200
ASF040060	40-60	55,689	1 5/8" - 2 3/8"	40 - 60	100	200
ASF050070	50-70	61,742	2" - 2 3/4"	50 - 70	50	100
ASF060080	60-80	64,729	2 3/8" - 3 1/8"	60 - 80	50	100
ASF070090	70-90	71,369	2 3/4" - 3 1/2"	70 - 90	50	-
ASF080100	80-100	77,071	3 1/8" - 4"	80 - 100	50	-
ASF090110	90-110	85,463	3 1/2" - 4 3/8"	90 - 110	50	-
ASF100120	100-120	93,795	4" - 4 3/4"	100 - 120	25	-
ASF110130	110-130	96,484	4 3/8" - 5 1/8"	110 - 130	25	-
ASF120140	120-140	102,698	4 3/4" - 5 1/2"	120 - 140	25	-
ASF130150	130-150	106,238	5 1/8" - 5 7/8"	130 - 150	25	-



Blister



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZASF008016	8-16	2,345	2	20
BZASF012022	12-22	2,345	2	20
BZASF016027	16-27	2,345	2	20
BZASF020032	20-32	2,345	2	10
BZASF025040	25-40	2,345	2	10

CODE	SIZE	€/BAG	PCS.	BAGS
LSASF008016	8-16	6,897	15	7
LSASF012022	12-22	6,029	12	7
LSASF016027	16-27	6,179	12	7
LSASF020032	20-32	5,872	10	7
LSASF025040	25-40	4,094	6	7
LSASF030045	30-45	4,514	6	7
LSASF035050	35-50	4,553	6	7
LSASF040060	40-60	3,736	4	7
LSASF050070	50-70	3,993	4	7

AB-SF

Zinc-plated



02 Technical info. P. 389



For several Ø



APPLICATION EXAMPLES



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES		
ASF2010016	10-16	85,051	-	100	1.200
ASF2012020	12-20	87,165	1/2" - 7/8"	100	600
ASF2016027	16-27	90,928	5/8" - 1 1/16"	100	600
ASF2020032	20-32	102,554	3/4" - 1 1/4"	100	600
ASF2025040	25-40	112,057	1" - 1 5/8"	100	200
ASF2032050	32-50	155,963	1 3/8" - 2"	100	300
ASF2040060	40-60	165,600	1 5/8" - 2 3/8"	100	200
ASF2050070	50-70	172,827	2" - 2 3/4"	50	100
ASF2060080	60-80	181,678	2 3/8" - 3 1/8"	50	100
ASF2070090	70-90	191,336	2 3/4" - 3 1/2"	50	100
ASF2080100	80-100	197,750	3 1/8" - 4"	50	100
ASF2090110	90-110	230,610	3 1/2" - 4 3/8"	50	50
ASF2100120	100-120	239,664	4" - 4 3/4"	25	25
ASF2110130	110-130	248,694	4 3/8" - 5 1/8"	25	25
ASF2120140	120-140	261,359	4 3/4" - 5 1/2"	25	25
ASF2130150	130-150	271,309	5 1/8" - 5 7/8"	25	25

AB-SF A2

Stainless steel A2



02 Technical info. P. 389



For several Ø



APPLICATION EXAMPLES



AB-SF IRC A2 Stainless Steel hose clamp roll

NEW AB-SF IR A2

Kit



CODE	SIZE	€/PC		
ASFIR03	3m. + Heads	1.201,667	1	50

NEW AB-SF IRC A2

Head



CODE	SIZE	€/100		
ASFIRCA	Head	85,833	50	1.000

NEW AB-SF IRR A2

30 meters



CODE	SIZE	€/PC		
ASFIR30	30M.	4.291,667	1	10

CI-PE Round fixing band

CI-PE

ATLANTIS C2-M



02 Technical info. P. 390



CODE	SIZE	€/PC	MIN. ORDER QTY		
CIPE1208	12 x 0,8 x 10 m	6,418	10	1	40
CIPE1708	17 x 0,8 x 10 m	8,632	10	1	30



CI-PE A2

A2 Stainless steel



02 Technical info. P. 390



CODE	SIZE	€/PC	MIN. ORDER QTY		
CIPEA21708	17 x 0,8 x 10 m	30,899	1	1	30



CI-PR Straight fixing band



02 Technical info. P. 390



CODE	SIZE	€/PC	MIN. ORDER QTY		
CIPR1908	19 x 0,8 x 10 m	9,697	5	1	30
CIPR1208	12 x 0,8 x 10 m	6,984	5	1	40



Chromed pipe clamp M6

AB-CR



CODE	SIZE	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABCR010	10	30,760	1/8"	70	100	1.200
ABCR012	12	31,821	1/4"	70	100	1.200



02 Technical info
P. 330

APPLICATION EXAMPLES



Butane clamp

AB-BU



CODE	SIZE	€/100	SIZE IN INCHES		
ABBU1315	13 - 15	32,435	1/2" - 9/16"	50	600
ABBU1618	16 - 18	32,435	5/8" - 11/16"	50	600
ABBU1921	19 - 21	41,598	3/4" - 13/16"	50	600



02 Technical info
P. 331

APPLICATION EXAMPLES



Pipe clamp for gas yellow coated with chipboard screw

AB-GM

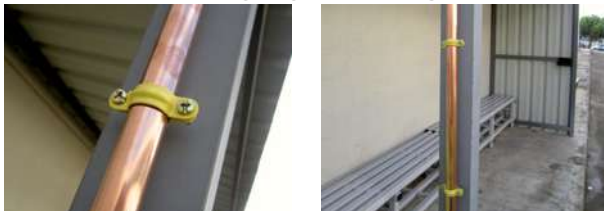


CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGM012	12	30,555	1/4"	12	70	100	600
ABGM015	15	31,840	-	15	70	100	600
ABGM018	18	32,711	3/8"	18	70	100	600
ABGM022	22	34,542	1/2"	22	70	50	200
ABGM028	28	36,474	3/4"	28	70	50	200
ABGM035	35	43,942	-	35	70	50	200



02 Technical info
P. 331

APPLICATION EXAMPLES



LATERAL OPENING



Assembled
Chipboard
screw



According to
UNE-EN ISO 4892

AB-GS

Pipe clamp for gas black coated M6 with chipboard screw



02 Technical info. P. 391



According to **UNE-EN ISO 4892**

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGS010	10	29,436	1/8"	10	70	100	600
ABGS012	12	29,956	1/4"	12	70	100	600
ABGS015	15	30,620	-	15	70	100	600
ABGS018	18	31,471	3/8"	18	70	100	600
ABGS022	22	34,513	1/2"	22	70	50	200
ABGS028	28	36,436	3/4"	28	70	50	200
ABGS035	35	42,246	-	35	70	50	200
ABGS042	42	46,606	1 1/4"	42	100	25	100
ABGS054	54	62,833	-	54	100	25	100



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABGS015	15	5,540	10	6
LSABGS018	18	4,575	8	6
LSABGS022	22	4,159	6	6

AB-GD

Double pipe clamp for gas black coated M6 with chipboard screw



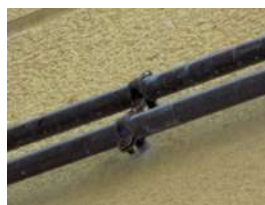
02 Technical info. P. 392



According to **UNE-EN ISO 4892**

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGD012	12	40,750	-	12	100	50	300
ABGD015	15	43,997	-	15	100	50	300
ABGD018	18	45,205	3/8"	18	100	50	300
ABGD022	22	49,329	1/2"	22	100	50	200
ABGD028	28	66,794	-	28	100	50	200

APPLICATION EXAMPLES





Wipac®
ICE
CE CAT. II
HYPERBALLAST™ IN
EN 388 EN 511
3232 020
N100
SIZE M/B

FIRE PROTECTION SYSTEMS



AB-PE

Sprinkler pipe clamp



02 Technical info. p. 392



CODE	SIZE	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABPE028	28	76,807	3/4"	154	50	200
ABPE035	35	80,556	1"	186	50	200
ABPE040	40	94,297	1 1/4"	195	50	200
ABPE048	48	94,818	1 1/2"	236	50	200
ABPE060	60	107,405	2"	288	50	200
ABPE075	75	124,208	2 1/2"	426	25	100
ABPE090	90	139,881	3"	481	25	100
ABPE100	100	172,381	3 1/2"	569	25	100
ABPE115	115	233,195	4"	669	25	100
ABPE140	140	404,649	5"	907	10	40
ABPE160	160	472,787	6"	1.186	10	40
ABPE220	220	827,378	8"	1.723	10	40

APPLICATION EXAMPLES



AB-CH

Clevis hanger clamp



02 Technical info. p. 393



CODE	ASSESSMENT	SIZE	€/100	MAXIMUM LOAD	ØD(MM)	
ABCH00034	UL	3/4"	248,831	154	28	50
ABCH01000	UL	1"	262,616	186	35	50
ABCH01014	UL	1-1/4"	264,253	195	42	50
ABCH01012	UL	1-1/2"	285,317	236	48	50
ABCH02000	UL	2"	292,166	288	60	50
ABCH02012	UL & FM	2-1/2"	532,263	426	75	30
ABCH03000	UL & FM	3"	549,124	481	90	25
ABCH04000	UL & FM	4"	1.008,078	669	115	25
ABCH05000	UL & FM	5"	1.398,551	907	140	25
ABCH06000	UL & FM	6"	1.979,382	1186	160	10
ABCH08000	UL	8"	2.967,111	1723	220	10
ABCH10000	UL	10"	5.060,617	2655	275	1
ABCH12000	UL	12"	6.717,519	3582	325	1
ABCH14000	-	14"	8.675,673	5294	355	1
ABCH16000	-	16"	12.460,851	5571	405	1

Fire-rated collar for multiple diameters

AB-CI NEW





CODE	SIZE	€/PC	
ABCIKIT25	2,5 m.	420,000	1



Ceiling wedge anchor ETA Assessed

AN-CU



CODE	SIZE	€/100	DRILL Ø		
ANCU06040	6 x 40 Ø6	22,547	6	100	1.200
ANCU06070	6 x 70 Ø6	35,343	6	100	1.200



02. Technical info. P. 395





GUTTER SUPPORTS




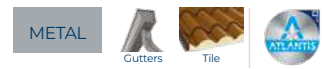
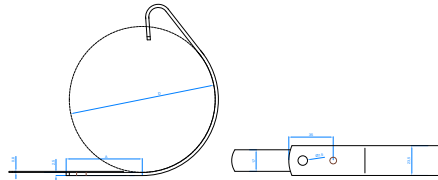
TE Gutter Supports

TE-MO

Module for PVC channel




CODE	D (MM)	A (MM)	€/100	
TEM025	100	60	201,488	50
TEM033	150	80	248,332	50

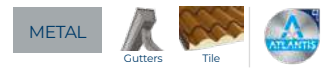
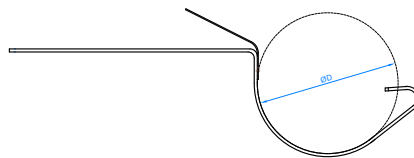


TE-GA

Hook for PVC channel



CODE	D (MM)	€/100	
TEGA25	100	245,340	50
TEGA33	150	317,354	50

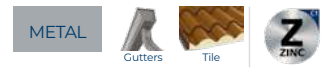
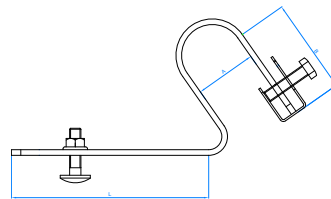


TE-GR

Big tile plate



CODE	A (MM)	B (MM)	L (MM)	€/100	
TEGR2530	35	50	80	196,798	50

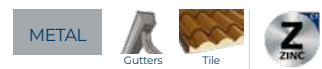
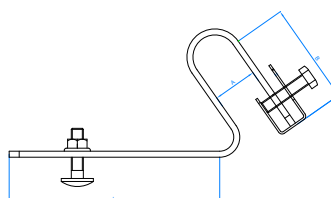


TE-PE

Tile plate



CODE	A (MM)	B (MM)	L (MM)	€/100	
TEPE2530	22	50	100	183,769	50



APPLICATION EXAMPLES
























PLASTIC CLAMPS



BN NYLON CABLE TIES

RANGE				
PRODUCT	PICTURE	DESCRIPTION	ASSESSMENTS	BASE MATERIALS
BN-N		Black	 	
BN-B		White	 	
BN-GR		Grey		
BN-AM		Yellow		
BN-AZ		Blue		
BN-VE		Green		
BN-RO		Red		
BN-MA		Brown		
BN-DT		Detectable		



- ### CHARACTERISTICS
- Raw material: Polyamide 6.6.
 - Halogen-free.
 - High mechanical performance.
 - High traction resistance.
 - Complete range for all types of applications.
 - Easy installation. Rounded tip to facilitate threading.
 - High quality internal serration.
 - CE Certification.
 - UL Approval.
 - Minimum installation temperature (-40°C).
 - Working temperature: -40°C / +85°C.
 - Installation temperature: -10°C ÷/ 60°C.
 - Resistant to external agents.
 - Visually attractive packaging.

- ### APPLICATIONS
- Electrical installations.
 - Industrial cabling.
 - Automotive.
 - Panel construction.
 - Special applications.
 - Outdoor installations.
 - Photovoltaic installations.

ACCESORIES



TACOBRI N



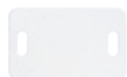
TACOBRI B



TACOBRI G



BN-ID



BN-PL



BN-BA

BREAKLOADS ACCORDING TO EN 50146

Nylon cable tie width (mms.)	Resistance (Kg.)
2,5	8,2
3,6	18,3
4,8	22,4
7,6	56,1
8,8	81,5
12,0	122,3



Nylon cable tie. Black

BN-N

MULTI-MATERIAL



CODE	SIZE	€/100			
BN25080	2,5 x 80	1,007	100	1000	60.000
BN25100	2,5 x 100	1,150	100	1000	50.000
BN25140	2,5 x 140	1,707	100	1000	50.000
BN25160	2,5 x 160	1,893	100	1000	50.000
BN25200	2,5 x 200	2,467	100	1000	35.000
BN36140	3,6 x 140	2,357	100	1000	30.000
BN36200	3,6 x 200	3,210	100	1000	25.000
BN36250	NEW 3,6 x 250	4,357	100	1000	15.000
BN36300	3,6 x 300	5,220	100	1000	12.000
BN36370	3,6 x 370	7,073	100	1000	12.000
BN48120	4,8 x 120	3,440	100	1000	23.000
BN48160	4,8 x 160	3,823	100	1000	23.000
BN48180	4,8 x 180	4,080	100	1000	16.000
BN48200	4,8 x 200	4,173	100	1000	16.000
BN48250	4,8 x 250	6,027	100	1000	12.000
BN48290	4,8 x 290	6,527	100	1000	11.000
BN48370	4,8 x 370	8,410	100	1000	8000
BN48430	4,8 x 430	11,907	100	1000	8000
BN76150	7,6 x 150	9,263	100	1000	12.000
BN76200	7,6 x 200	9,923	100	1000	9000
BN76290	7,6 x 290	12,493	100	1000	5000
BN76370	7,6 x 370	16,220	100	1000	5000
BN76450	7,6 x 450	24,703	100	1000	3000
BN76540	7,6 x 540	30,547	100	1000	3000
BN88770	8,8 x 770	54,150	50	500	1000
•BN12225	12,5 x 225	35,387	50	500	-
•BN12500	12,5 x 500	74,687	50	500	-
•BN12720	12,5 x 720	106,090	50	500	-
•BN12850	12,5 x 850	122,683	50	500	-
•BN12100	12,5 x 1000	150,633	50	500	-



• Non-approved sizes



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBN25100	2,5 x 100	1,857	20	20
BZBN25160	2,5 x 160	1,857	20	20
BZBN25200	2,5 x 200	1,857	20	20
BZBN36140	3,6 x 140	1,857	20	20
BZBN36200	3,6 x 200	1,857	20	20
BZBN36300	3,6 x 300	2,345	20	15
BZBN48160	4,8 x 160	2,345	20	15
BZBN48200	4,8 x 200	2,345	20	15
BZBN48290	4,8 x 290	2,345	10	15
BZBN48370	4,8 x 370	2,345	10	15



Display box

CODE	SIZE	€/BOX	PCS.	BOXES
CKBN25080	2,5 x 80	1,055	100	30
CKBN25100	2,5 x 100	1,208	100	30
CKBN25140	2,5 x 140	1,791	100	30
CKBN25160	2,5 x 160	1,987	100	20
CKBN25200	2,5 x 200	2,588	100	20
CKBN36140	3,6 x 140	2,472	100	20
CKBN36200	3,6 x 200	3,370	100	20
CKBN36300	3,6 x 300	5,480	100	10
CKBN36370	3,6 x 370	7,424	100	10
CKBN48120	4,8 x 120	3,613	100	20
CKBN48160	4,8 x 160	4,017	100	20
CKBN48180	4,8 x 180	4,281	100	20
CKBN48200	4,8 x 200	4,382	100	20
CKBN48250	4,8 x 250	6,330	100	10
CKBN48290	4,8 x 290	6,851	100	10
CKBN48370	4,8 x 370	8,829	100	10
CKBN76200	7,6 x 200	10,421	100	10
CKBN76290	7,6 x 290	13,119	100	10
CKBN76370	7,6 x 370	17,029	100	8
CKBN12225	12,5 x 225	18,578	50	10



BN-B

Nylon cable tie. White

MULTI-MATERIAL



CODE	SIZE	€/100			
BB25080	2,5 x 80	1,007	100	1000	60.000
BB25100	2,5 x 100	1,150	100	1000	50.000
BB25140	2,5 x 140	1,707	100	1000	50.000
BB25160	2,5 x 160	1,893	100	1000	50.000
BB25200	2,5 x 200	2,467	100	1000	35.000
BB36140	3,6 x 140	2,357	100	1000	30.000
BB36200	3,6 x 200	3,210	100	1000	25.000
BB36250	NEW 3,6 x 250	4,357	100	1000	15.000
BB36300	3,6 x 300	5,220	100	1000	12.000
BB36370	3,6 x 370	7,073	100	1000	12.000
BB48120	4,8 x 120	3,440	100	1000	23.000
BB48160	4,8 x 160	3,823	100	1000	23.000
BB48180	4,8 x 180	4,080	100	1000	16.000
BB48200	4,8 x 200	4,173	100	1000	16.000
BB48250	4,8 x 250	6,027	100	1000	12.000
BB48290	4,8 x 290	6,527	100	1000	11.000
BB48370	4,8 x 370	8,410	100	1000	8.000
BB48430	4,8 x 430	11,907	100	1000	8.000
BB76150	7,6 x 150	9,263	100	1000	12.000
BB76200	7,6 x 200	9,923	100	1000	9.000
BB76290	7,6 x 290	12,493	100	1000	5.000
BB76370	7,6 x 370	16,220	100	1000	5.000
BB76450	7,6 x 450	24,703	100	1000	3.000
BB76540	7,6 x 540	30,547	100	1000	3.000
BB88770	8,8 x 770	54,150	50	500	1.000
•BB12225	12,5 x 225	35,387	50	500	-
•BB12500	12,5 x 500	74,687	50	500	-
•BB12720	12,5 x 720	106,090	50	500	-
•BB12850	12,5 x 850	122,683	50	500	-
•BB12100	12,5 x 1000	150,633	50	500	-

• Non-approved sizes



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZBB25100	2,5 x 100	1,857	20	20
BZBB25160	2,5 x 160	1,857	20	20
BZBB25200	2,5 x 200	1,857	20	20
BZBB36140	3,6 x 140	1,857	20	20
BZBB36200	3,6 x 200	1,857	20	20
BZBB36300	3,6 x 300	2,345	20	15
BZBB48160	4,8 x 160	2,345	20	15
BZBB48200	4,8 x 200	2,345	20	15
BZBB48290	4,8 x 290	2,345	10	15
BZBB48370	4,8 x 370	2,345	10	15



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKBB25080	2,5 x 80	1,055	100	30
CKBB25100	2,5 x 100	1,208	100	30
CKBB25140	2,5 x 140	1,791	100	30
CKBB25160	2,5 x 160	1,987	100	20
CKBB25200	2,5 x 200	2,588	100	20
CKBB36140	3,6 x 140	2,472	100	20
CKBB36200	3,6 x 200	3,370	100	20
CKBB36300	3,6 x 300	5,480	100	10
CKBB36370	3,6 x 370	7,424	100	10
CKBB48120	4,8 x 120	3,613	100	20
CKBB48160	4,8 x 160	4,017	100	20
CKBB48180	4,8 x 180	4,281	100	20
CKBB48200	4,8 x 200	4,382	100	20
CKBB48250	4,8 x 250	6,330	100	20
CKBB48290	4,8 x 290	6,851	100	10
CKBB48370	4,8 x 370	8,829	100	10
CKBB76200	7,6 x 200	10,421	100	10
CKBB76290	7,6 x 290	13,119	100	10
CKBB76370	7,6 x 370	17,029	100	8
CKBB12225	12,5 x 225	18,578	50	8



TACOBRI N

Cable tie Plug. Black

MULTI-MATERIAL



CODE	DRILL	COLOUR	€/100	DRILL Ø		
TACOBRI N6	Ø6		6,345	6	100	5.000
TACOBRI N8	Ø8		5,950	8	100	5.000



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTACOBRI N8		1,857	4	15



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKTACOBRI N6	6	6,661	100	10
CKTACOBRI N8	8	6,245	100	10



Cable tie Plug. White

TACOBRI B

MULTI-MATERIAL



CODE	DRILL	COLOUR	€/100	DRILL Ø		
TACOBRI B6	Ø6		6,486	6	100	5.000
TACOBRI B8	Ø8		5,950	8	100	5.000



Blister



Display box

CODE	SIZE	€/BAG	PCS.	BAGS
BZTABRI B8		1,857	4	15

CODE	SIZE	€/BOX	PCS.	BOXES
CKTACOBRI B6	6	6,811	100	10
CKTACOBRI B8	8	6,245	100	10

Nylon cable tie. Grey

BN-GR

NEW

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100GR	2,5 x 100	1,513	100	50.000
BC36140GR	3,6 x 140	2,763	100	30.000
BC36200GR	3,6 x 200	3,887	100	25.000
BC48200GR	4,8 x 200	4,723	100	16.000
BC48290GR	4,8 x 290	7,417	100	11.000



Cable tie Plug. Grey

TACOBRI G

NEW

MULTI-MATERIAL



CODE	DRILL	COLOUR	€/100	DRILL Ø		
TACOBRI G8	M4 x 10		7,811	8	100	5.000



Detectable cable tie

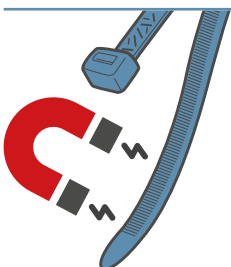
BN-DT

NEW

MULTI-MATERIAL



CODE	SIZE	€/100		
BNDT25100	2,5 x 100	2,800	100	50.000
BNDT36150	3,6 x 150	6,533	100	30.000
BNDT36200	3,6 x 200	8,400	100	25.000
BNDT48200	4,8 x 200	10,267	100	16.000
BNDT48300	4,8 x 300	15,867	100	11.000
BNDT48370	4,8 x 370	22,400	100	8.000
BNDT76370	7,6 x 370	41,067	100	5.000



DETECTABLE CABLE TIE with metal particles

- TRIPLE DETECTION:



MAGNETIC



X-RAYS



VISUAL

- COMPATIBLE AS PART OF THE HACCP*/APPCC** PROCESS.

*HACCP: Hazard Analysis and Critical Control Points). Food safety system based on the identification of all potential hazards in ingredients and various food production processes.

** APPCC: Hazard Analysis and Critical Control Points.



BN-ID

Identification nylon cable tie



MULTI-MATERIAL



CODE	SIZE	€/100		
BID25110	2,5 x 110	9,543	100	16.000
BID25210	2,5 x 210	20,997	100	12.000



BN-PL

Identification plaque for nylon cable ties up to 4,8 mm.
Natural



MULTI-MATERIAL



CODE	SIZE	€/100		
BPL02616	26,4 x 16,2	22,503	100	5.000




BN-BA

Two-way, adhesive base for nylon cable ties



MULTI-MATERIAL



CODE	SIZE	COLOUR	€/100		
BBANA19	19 x 19		23,513	100	15.000
BBANA27	27 x 27		33,637	100	6.000
BBANE19	19 x 19		23,513	100	15.000
BBANE27	27 x 27		33,637	100	6.000

BN-CO

Nylon cable tie

BN-VE

Green





MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100VE	2,5 x 100	1,403	100	50.000
BC36140VE	3,6 x 140	3,553	100	30.000
BC36200VE	3,6 x 200	4,563	100	25.000
BC48200VE	4,8 x 200	6,253	100	16.000
BC48290VE	4,8 x 290	9,340	100	11.000

 Display box

CODE	SIZE	€/BOX	PCS. 	BOXES 
CKBC25100VE	2,5 x 100	1,473	100	30
CKBC36140VE	3,6 x 140	3,732	100	20
CKBC36200VE	3,6 x 200	4,791	100	20
CKBC48200VE	4,8 x 200	6,567	100	20
CKBC48290VE	4,8 x 290	9,807	100	10

Nylon cable tie



BN-CO

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100MA	2,5 x 100	1,403	100	50.000
BC36140MA	3,6 x 140	3,553	100	30.000
BC36200MA	3,6 x 200	4,563	100	25.000
BC48200MA	4,8 x 200	6,253	100	16.000
BC48290MA	4,8 x 290	9,340	100	11.000

 Display box

CODE	SIZE	€/BOX	PCS. 	BOXES 
CKBC25100MA	2,5 x 100	1,473	100	30
CKBC36140MA	3,6 x 140	3,732	100	20
CKBC36200MA	3,6 x 200	4,791	100	20
CKBC48200MA	4,8 x 200	6,567	100	18
CKBC48290MA	4,8 x 290	9,807	100	10

BN-MA

Brown



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100AM	2,5 x 100	1,403	100	50.000
BC36140AM	3,6 x 140	3,553	100	30.000
BC36200AM	3,6 x 200	4,563	100	25.000
BC48200AM	4,8 x 200	6,253	100	16.000
BC48290AM	4,8 x 290	9,340	100	11.000

BN-AM

Yellow



MULTI-MATERIAL





CODE	SIZE	€/100		
BC25100AZ	2,5 x 100	1,403	100	50.000
BC36140AZ	3,6 x 140	3,553	100	30.000
BC36200AZ	3,6 x 200	4,563	100	25.000
BC48200AZ	4,8 x 200	6,253	100	16.000
BC48290AZ	4,8 x 290	9,340	100	11.000

BN-AZ

Blue



 Display box

CODE	SIZE	€/BOX	PCS. 	BOXES 
CKBC25100AZ	2,5 x 100	1,473	100	30
CKBC36140AZ	3,6 x 140	3,732	100	20
CKBC36200AZ	3,6 x 200	4,791	100	20
CKBC48200AZ	4,8 x 200	6,567	100	18
CKBC48290AZ	4,8 x 290	9,807	100	10

MULTI-MATERIAL





CODE	SIZE	€/100		
BC25100RO	2,5 x 100	1,403	100	50.000
BC36140RO	3,6 x 140	3,553	100	30.000
BC36200RO	3,6 x 200	4,563	100	25.000
BC48200RO	4,8 x 200	6,253	100	16.000
BC48290RO	4,8 x 290	9,340	100	11.000

BN-RO

Red



 Display box

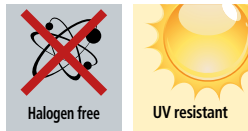
CODE	SIZE	€/BOX	PCS. 	BOXES 
CKBC25100RO	2,5 x 100	1,473	100	30
CKBC36140RO	3,6 x 140	3,732	100	20
CKBC36200RO	3,6 x 200	4,791	100	20
CKBC48200RO	4,8 x 200	6,567	100	18
CKBC48290RO	4,8 x 290	9,807	100	10

AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert



02 Technical info. p. 393



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABIN012	12	28,088	12	10	100	1.200
ABIN014	14-15	30,543	14 - 16	10	100	600
ABIN016	16-18	38,436	16 - 18	10	100	600
ABIN020	20-22	40,256	20 - 22	10	100	400
ABIN025 NEW	25	51,012	25	10	50	300
ABIN028	28	52,087	28	10	50	300
ABIN032 NEW	32	69,831	32	10	25	150
ABIN035	35	79,238	35	10	25	300

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABIN012	12	5,245	10	6
LSABIN014	14-15	5,492	10	5
LSABIN016	16-18	5,103	8	6
LSABIN020	20-22	4,431	6	5
LSABIN028	28	4,039	4	6

INSTALLATION

CHANNEL

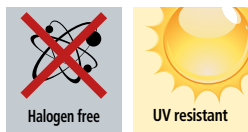


AB-ID

Double nylon pipe clip (polyamide 6.6), with M6 threaded brass insert



02 Technical info. p. 394



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABID012	12	55,380	12	10	50	200
ABID014	14-15	58,133	14 - 16	10	50	300
ABID016	16-18	74,177	16 - 18	10	50	200
ABID020	20-22	78,575	20 - 22	10	50	150
ABID028	28	97,016	28	10	25	100

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABID012	12	5,408	6	6
LSABID014	14-15	5,628	6	5
LSABID016	16-18	3,285	2	6
LSABID020	20-22	3,379	2	6
LSABID028	28	3,785	2	6

INSTALLATION

CHANNEL



APPLICATION EXAMPLES





Closed polypropylene pipe clip, with pre-thread M6.
Grey

AB-GU



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABGUG15	15	16,889	15	40	100	400
ABGUG18	18	18,022	18	40	100	400
ABGUG20	20	19,144	20	40	100	400
ABGUG22	22	20,277	22	40	100	300
ABGUG25	25	22,530	25	40	50	300
ABGUG28	28	26,468	28	40	50	200
ABGUG32	32	30,687	32	40	25	150
ABGUG40	40	38,330	40	40	25	150
ABGUG50	50	48,942	50	40	25	100



02 Technical info. P. 394



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABGUG15	15	3,060	8	6
LSABGUG18	18	2,803	6	6
LSABGUG20	20	2,403	4	7
LSABGUG22	22	2,514	4	7
LSABGUG25	25	2,221	2	6
LSABGUG28	28	2,257	2	6
LSABGUG32	32	2,367	2	6
LSABGUG40	40	2,549	2	6
LSABGUG50	50	2,732	2	6

INSTALLATION

CHANNEL

GUN

ANCHOR + SCREW



20/10
27/18
28/30

Multiseuse pipe clamp

AB-MUG



CODE	SIZE	€/100	MAXIMUM LOAD		
ABMUG15	15-16	18,605	40	100	400
ABMUG18	18-20	23,453	40	100	400
ABMUG22	22-25	27,865	40	100	300
ABMUG26	26-28	34,804	40	50	150
ABMUG32	32-35	44,915	40	50	150
ABMUG40	40-42	60,767	40	50	100
ABMUG48	48-50	73,044	40	25	75



02 Technical info. P. 395



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABMUG15	15-16	3,254	8	6
LSABMUG18	18-20	3,159	6	6
LSABMUG22	22-25	2,812	4	7
LSABMUG26	26-28	2,409	2	6
LSABMUG32	32-35	2,641	2	6

INSTALLATION

CHANNEL

GUN

ANCHOR + SCREW



20/10
27/18
28/30





AB-PR

Duty pipe clamp with pre-thread M6



02 Technical info. P. 395



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABPRG12	12	15,756	12	10	100	600
ABPRG15	15-18	18,173	15-18	10	100	400
ABPRG20	20-22	18,760	20-22	10	100	400
ABPRG25	25-28	22,708	25-28	10	100	300
ABPRG32	32-35	31,999	32-35	10	25	150
ABPRG40	40	41,300	40	10	25	150
ABPRG50	50	52,056	50	10	25	100

 Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABPRG15	15-18	3,306	8	6
LSABPRG20	20-22	2,629	4	5
LSABPRG25	25-28	2,463	3	6

INSTALLATION





AB-MS

Multitube clamp + plug. Single



02 Technical info. P. 396



CODE	ØD(MM)	SIZE	€/100	SCREW SIZE		
ABMS10	10	25,513	24,770	3,5 x 35	100	1.200
ABMS12	12	27,195	26,403	3,5 x 35	100	1.200
ABMS14	14	37,911	36,807	4 x 45	100	600
ABMS16	16	39,126	37,987	4 x 45	100	600
ABMS18	18	51,452	49,953	4,5 x 50	100	300
ABMS20	20	52,678	51,143	4,5 x 50	50	300
ABMS22	22	53,845	52,277	4,5 x 50	50	300
ABMS26	26	101,342	98,390	6 x 60	50	150
ABMS28	28	102,966	99,967	6,5 x 60	50	150



AB-MD

Multitube clamp + plug. Double



02 Technical info. P. 396



CODE	ØD(MM)	SIZE	€/100	SCREW SIZE		
ABMD10	10	50,453	48,983	4,5 x 50	100	300
ABMD12	12	51,479	49,980	4,5 x 50	100	300
ABMD14	14	52,506	50,977	4,5 x 50	100	300
ABMD16	16	51,682	50,177	4,5 x 50	100	300
ABMD18	18	73,017	70,890	6 x 60	100	200
ABMD20	20	77,504	75,247	6 x 60	50	150
ABMD22	22	79,828	77,503	6 x 60	50	150
ABMD26	26	127,432	123,720	6 x 60	50	100
ABMD28	28	128,410	124,670	6 x 60	50	100



INDEXring tube fixing plug

AB-T



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABTS014	14	27,340	-	14 - 15	30	100	600
ABTS016	16	28,322	3/8"	16 - 17	30	100	400
ABTS018	18	30,608	-	18 - 19	30	100	400
ABTS020	20	31,120	1/2"	20 - 21	30	100	300
ABTS022	22	31,913	-	22 - 23	30	100	300
ABTS025	25	32,950	3/4"	25 - 26	30	100	300
ABTS028	28	39,116	-	28 - 29	30	100	200
ABTS032	30	50,415	-	30 - 32	30	50	150

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABTS018	18	3,733	6	6
LSABTS022	22	3,975	6	6

AB-TS

Simple



Technical info
P. 397



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABTD016	16	33,341	3/8"	15 - 16	30	100	400
ABTD018	18	37,911	-	18 - 19	30	100	300
ABTD020	20	38,810	1/2"	20 - 21	30	100	200
ABTD022	22	41,794	-	22 - 23	30	100	200
ABTD025	25	45,505	3/4"	25 - 26	30	100	200
ABTD028	28	60,650	-	28 - 29	30	50	150

Self-Service

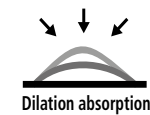
CODE	SIZE	€/BAG	PCS.	BAGS
LSABTD018	18	3,481	4	6
LSABTD022	22	2,606	2	7

AB-TD

Double



Technical info
P. 397



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABTC020	20	64,578	1/2"	20 - 21	30	50	100
ABTC025	25	79,399	3/4"	25 - 26	30	50	100

AB-TC

Quadruple



Technical info
P. 397



APPLICATION EXAMPLES



FI-CA

Cable fixing elements

NEW **FI-CA AB**

Clamp




CODE	SIZE	€/100		
FICAAB080	80 x 52	160,000	50	
FICAAB119	119 x 59	266,667	25	

NEW **FI-CA PS**

Single clamp



CODE	SIZE	€/100		
FICAPS080	80 x 30	76,667	50	

NEW **FI-CA PD**

Double clamp





CODE	SIZE	€/100		
FICAPD160	160 x 30	113,333	50	

NEW **FI-CA CL**

Clip




CODE	SIZE	€/100	DRILL		
FICA CL13	3 - 13	16,333	Ø6	200	
FICA CL26	8 - 26	21,667	Ø6	100	

Cable fixing elements



FI-CA




CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY	
GRBL001	2 x 0,7	6,203	Parallel cable	400	100
GRBL002	2 x 0,4 - 0,7 ó 1	6,543	Parallel cable	400	100
GRBL003	2 x 1 - 3 x 0,7	6,620	Flat cable 6 x 2	400	100
GRBL010	2 x 0,7 - 2 x 1	7,880	Flat cable 6 x 3	400	100
GRBL020	2 x 1,5 - 3 x 1	8,003	Flat cable 7,5 x 3,5	400	100
GRBL030	3 x 1,5 - 3 x 2,5	9,683	Flat cable 10 x 3,5	400	100
GRBL040	1 x 1 - 2 x 0,5	7,630	Round cable Ø4	400	100
GRBL050	2 x 0,75	7,837	Round cable Ø5	400	100
GRBL060	2 x 1	8,300	Round cable Ø6	400	100
GRBL070	2 x 1-1,5	9,053	Round cable Ø7	400	100
GRBL080	2 x 2,5	9,137	Round cable Ø8	400	100
GRBL090	3 x 2,5	10,060	Round cable Ø9	400	100
GRBL100	2 x 4	11,233	Round cable Ø10	200	100
GRBL120	3 x 6	13,793	Round cable Ø12	200	100
GRBL140	4 x 6	16,387	Round cable Ø14	200	100





Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZGRB100	2 x 4	2,345	6	20
BZGRB010	2 x 1	2,345	6	20
BZGRB120	3 x 6	2,345	6	15
BZGRB001	2 x 0,7	2,345	6	20
BZGRB050	2 x 0,75	2,345	6	20
BZGRB060	2 x 1	2,345	6	20
BZGRB070	2 x 1-1,5	2,345	6	20
BZGRB080	2 x 2,5	2,345	6	20
BZGRB090	3 x 2,5	2,345	6	20



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY	
GRNE060	2 x 1	8,300	Round cable	400	100
GRNE070	2 x 1 - 2 x 1,5	9,053	Round cable	400	100
GRNE080	2 x 2,50	9,137	Round cable	400	100
GRNE090	3 x 2,50	10,060	Round cable	400	100
GRNE100	2 x 4	11,233	Round cable	200	100
GRNE120	3 x 6	13,793	Round cable	200	100



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY		
GRNATTV	CLIP	10,320	Round cable	200	100	2.000

GR-NY BL

White



GR-NY N

Black



GR-NY NT

Natural colour





PROFILES AND SUPPORTS





CHANNEL U-FITTINGS	CHANNEL STUD NUTS	CHANNEL NUTS	PLASTIC CAPS
GZ2718 PGZ2830 PGZ3840 PGI2718 PGI2830 PGI3840 PGX4121 PGX4141	TC230620 TC230820 TC230830 TC340830 TC341030 TGR230620 TGR230820 TGR230830 TGR340830 TGR341030 TGRX0830 TGRX0860 TGRX1030 TGRX1060	TUG201006 TUG201008 TUG271808 TUG271810 TUGRA2706 TUGRA2708 TUGRA3808 TUGRA3810 TUGX08 TUGX10 TUGXMU08 TUGXMU10 TURX08 TURX10 TURX12 TURXA08 TURXA10	SOTP2718 SOTP2830 SOTP3840 SOTP4121 SOTP4141
	M6 x 20 M8 x 20 M8 x 30 M8 x 30 M10 x 30 M6 x 20 M8 x 20 M8 x 30 M8 x 30 M10 x 30 M8 x 30 M8 x 60 M10 x 30 M10 x 60	M6 M8 M8 M10 M6 M8 M8 M10 M8 M10 Spring nut Spring nut	

GP

Type "C" profiles for light loads

GP-Z

Zinc-plated



METAL



CODE	SIZE	€/100	LENGTH	
GPZ201010	20 x 10 x 1 x 2000	652,300	2.000	30
GPZ250808	25 x 8 x 0,80 x 1000	499,848	1.000	30

GP-G

ATLANTIS C2-H



METAL



CODE	SIZE	€/100	LENGTH	
GPG271812	27 x 18 x 1,25 x 2000	1.082,788	2.000	10
GPG283018	28 x 30 x 1,8 x 2000	2.098,688	2.000	10
GPG351312	NEW 35 x 13 x 1,2 x 2000	1.659,960	2.000	10
GPG384020	38 x 40 x 2 x 2000	3.250,879	2.000	6
GPG402015	40 x 20 x 1,50 x 2000	1.761,879	2.000	10

GP-A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
GPI271812	27 x 18 x 1,25 x 2000	9.207,371	2.000	10
GPI283015	28 x 30 x 1,50 x 2000	22.064,829	2.000	6

GP-PL

Yellow plastified



METAL



CODE	SIZE	€/100	LENGTH	
GPP271812	27 x 18 x 1,25	1.881,512	1.000	10

GP-PVC

PVC



METAL



CODE	SIZE	€/100	LENGTH	
GPV251120	25 x 11 x 2 x 1000	766,963	1.000	30



Type "C" profiles for light loads

GP

METAL



CODE	SIZE	€/100	LENGTH	
GL0357510	35 x 7,5 x 1 x 2000	829,150	2.000	10
GL0351515	35 x 15 x 1,5 x 2000	1.105,495	2.000	10

GL-O NEW

ATLANTIS C2-M Smooth Omega guide



METAL



CODE	SIZE	€/100	LENGTH	
GP0357510	35 x 7,5 x 1 x 2000	868,595	2.000	10
GP0351515	35 x 15 x 1,5 x 2000	1.145,055	2.000	10

GP-O NEW

ATLANTIS C2-M Perforated Omega guide



Type "C" supports for light loads

SP

METAL



CODE	SIZE	€/100	LENGTH	
SPZ271820	27 x 18 x 1,25 x 200	625,453	200	10
SPZ271830	27 x 18 x 1,25 x 300	674,934	300	10
SPZ384020	38 x 40 x 2 x 200	1.022,747	200	10
SPZ384025	38 x 40 x 2 x 250	1.148,125	250	10
SPZ384030	38 x 40 x 2 x 300	1.262,437	300	10
SPZ384035	38 x 40 x 2 x 350	1.304,252	350	10
SPZ384040	38 x 40 x 2 x 400	1.576,443	400	10
SPZ384050	38 x 40 x 2 x 500	1.846,112	500	10
SPZ384060	38 x 40 x 2 x 600	2.131,947	600	10

SP-Z

Zinc-plated perforated support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPV2718	M10 (27/18-28/30)	448,008	27/18 - 28/30	50
SPV3840	M10 (38/40-40/20)	476,318	38/40 - 40/20	50

SP-V

Vertical support



SP

Type "C" supports for light loads

SP-H

Horizontal support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPH2718	M10 (27/18-28/30)	400,169	27/18 - 28/30	50
SPH3840	M10 (38/40-40/20)	415,045	38/40 - 40/20	50

SP-HX

Horizontal channel arm



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPGH2718	M10 (27/18-28/30)	628,294	27/18 - 28/30	10
SPGH3840	M10 (38/40-40/20-41/21-41/41)	1.221,128	38/40 - 40/20 - 41/21 - 41/41	10

PE-AC

Accessories for type "C" profiles

TO-GU

Guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TG230620	M6 x 20	51,696	20/10 - 27/18 - 28/30 - 25/08	100	800
TG230820	M8 x 20	64,349	27/18 - 28/30	100	400
TG230830	M8 x 30	67,730	27/18 - 28/30	100	600
TG340830	M8 x 30	93,199	38/40 - 40/20	100	600
TG341030	M10 x 30	125,712	38/40 - 40/21	100	400

NEW TO-GR

Fast-fixing guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TGR230620	M6 x 20	143,100	27/18 - 28/30	100	600
TGR230820	M8 x 20	151,262	27/18 - 28/30	100	600
TGR230830	M8 x 30	154,866	27/18 - 28/30	100	600
TGR340830	M8 x 30	194,510	38/40 - 40/20	100	400
TGR341030	M10 x 30	219,632	38/40 - 40/20	50	300

TU-GU

Channel nuts



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUG201006	M6	14,200	20/10 - 25/8 - 25/11 - 28/30	100	3.000
TUG201008	M8	14,200	20/10 - 25/8 - 25/11 - 28/30	100	2.400
TUG271808	M8	38,238	27/18 - 28/30 - 38/40 - 40/20	100	1.200
TUG271810	M10	38,238	27/18 - 28/30 - 38/40 - 40/20	100	1.200

METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUGRA2706	M6	130,592	27/18 - 28/30	50	600
TUGRA2708	M8	130,592	27/18 - 28/30	50	600
TUGRA3808	M8	167,480	38/40 - 40/20	50	600
TUGRA3810	M10	178,292	38/40 - 40/20	50	600

TU-GRA NEW

Guide nut with fast-fixing washer



METAL



CODE	SIZE	€/100	SUITABLE FOR		
EMZ45	50 x 50 45°	99,873	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	400
EMZ90	54 x 54 90°	99,873	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	300
EMZ00	100 180°	97,375	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	-

EG-Z

Zinc-plated



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
EMI45	50 x 50 45°	487,953	27/18 - 28/30 - 38/40	50	200
EMI90	54 x 54 90°	487,953	27/18 - 28/30 - 38/40	50	-
EMI00	100 180°	483,766	27/18 - 28/30 - 38/40	50	200

EG-A2

A2 Stainless steel



METAL



CODE	SIZE	€/100	SUITABLE FOR	
PUZ2718	M8	45,050	27/18	50
PUZ3840	M8	49,820	38/40	50

PU-Z NEW

Union plate for profiles



METAL



CODE	SIZE	€/100	SUITABLE FOR		
PGZ2718	27 / 18 x 81	84,266	27/18	50	300
PGZ2830	28 / 30 x 81	102,053	28/30	50	300
PGZ3840	38 / 40 x 93	113,858	38/40	50	100

PG-Z

Zinc-plated



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
PGI2718	27 / 18 x 81	238,005	27/18	50	300
PGI2830	28 / 30 x 81	273,706	28/30	50	200
PGI3840	38 / 40 x 93	333,207	38/40	50	100

PG-A2

A2 Stainless steel



PE-AC

Accessories for type "C" profiles

SO-TP

Plastic caps



METAL



CODE	SIZE	€/100	SUITABLE FOR		
SOTP2718	27/18	27,270	27/18	100	400
SOTP2830	28/30	32,797	28/30	100	300
SOTP3840	38/40	53,170	38/40	100	300

GPX

Indextrut Profiles for heavy loads

GP-X 21

Indextrut Perforated guide 41x21



METAL



CODE	SIZE	€/100	LENGTH	
GPX412115 NEW	41 x 21 x 1,5	3.709,438	3.000	10
GPX412120	41 x 21 x 2	4.085,817	3.000	10
GPX412125	41 x 21 x 2,5	4.990,058	3.000	6
GPX2M412120	41 x 21 x 2	2.857,213	2.000	10

GP-X 41

Indextrut Perforated guide 41x41



METAL



CODE	SIZE	€/100	LENGTH	
GPX414115	41 x 41 x 1,5	4.338,875	3.000	10
GPX414120	41 x 41 x 2	5.924,950	3.000	6
GPX414125	41 x 41 x 2,5	6.780,038	3.000	6
GPX2M414120	41 x 41 x 2	3.992,958	2.000	10

SPX

Indextrut Supports for heavy loads

SP-X

Indextrut Perforated support



METAL



CODE	SIZE	€/100	LENGTH	
SPX412115	41 x 21 x 2,5 x 150	844,408	150	10
SPX412130	41 x 21 x 2,5 x 300	1.223,116	300	10
SPX412145	41 x 21 x 2,5 x 450	1.553,306	450	10
SPX414115	41 x 41 x 2,5 x 150	1.103,311	150	10
SPX414130	41 x 41 x 2,5 x 300	1.686,161	300	10
SPX414145	41 x 41 x 2,5 x 450	2.017,382	450	10
SPX414160	41 x 41 x 2,5 x 600	2.536,435	600	10
SPX414175	41 x 41 x 2,5 x 750	2.941,803	750	10
SPX414110 NEW	41 x 41 x 2,5 x 1.000	3.557,261	1.000	2

NEW SP-RX

Indextrut Rectangular-base "U" support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPRXH4121	Horizontal	1.151,333	41/41 - 41/21 - 41/62	12
SPRXV4121	Vertical	1.151,333	41/41 - 41/21 - 41/62	12

Indextrut Supports for heavy loads

SPX

METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPUX412100	0°	1.463,000	41/41 - 41/21 - 41/62	12
SPUX412145	45°	1.463,000	41/41 - 41/21 - 41/62	12

SP-UX NEW

Indextrut Square-base "U" support



METAL



CODE	SUITABLE FOR	€/100	
PRX01	41/41 - 41/21 - 41/62	1.173,333	12

PR-X NEW

Indextrut Adjustable support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
RESX300	300	891,000	41/41 - 41/21	10
RESX550	550	1.419,396	41/41 - 41/21	10

RE-SX NEW

Indextrut Support reinforcement



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE	€/100	SUITABLE FOR		
TGX0840	M8 x 40	92,927	41/41 - 41/21	100	400
TGX0860	M8 x 60	99,601	41/41 - 41/21	50	300
TGX1040	M10 x 40	118,780	41/41 - 41/21	50	300
TGX1060	M10 x 60	133,228	41/41 - 41/21	50	200

TG-X NEW

Indextrut Guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR	
TGRX0830	M8 x 30	217,830	41/41 - 41/21	100
TGRX0860	M8 x 60	227,794	41/41 - 41/21	50
TGRX1030	M10 x 30	247,616	41/41 - 41/21	50
TGRX1060	M10 x 60	262,880	41/41 - 41/21	50

TO-GRX NEW

Indextrut Fast-fixing guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUGX08	M8	57,936	Indextrut 41/41 - 41/21	100	800
TUGX10	M10	64,063	Indextrut 41/41 - 41/21	100	800

TU-GX

Indextrut Guide nut



PX-AC

Indextrut Accessories for profiles

TU-MU

Indextrut channel spring nut



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUGXMU08	M08	84,659	Indextrut 41/41 - 41/21	100	400
TUGXMU10	M10	84,659	Indextrut 41/41 - 41/21	100	400

NEW TU-RX

Indextrut Fast-fixing guide nut



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TURX08	M8	80,196	41/21 - 41/41	100	400
TURX10	M10	91,623	41/21 - 41/41	100	400
TURX12	M12	101,608	41/21 - 41/41	50	300

NEW TU-RXA

Indextrut Guide nut with fast-fixing washer



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TURXA08	M8	193,556	41/21 - 41/41	50	-
TURXA10	M10	211,576	41/21 - 41/41	50	-

NEW EG-X

Channel bracket Indextrut



METAL



CODE	SIZE	€/100	HOLE NUM	SUITABLE FOR		
EMX4502	45°	219,067	2	41/21 - 41/41 - 41/62	25	125
EMX9002	90°	143,100	2	41/21 - 41/41 - 41/62	50	150
EMX1302	135°	233,200	2	41/21 - 41/41 - 41/62	20	100
EMX9004	90°	226,133	4	41/21 - 41/41 - 41/62	25	75

NEW SC-RX

Heavy duty angled bracket Indextrut



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SCRX090	90°	583,000	41/41 - 41/21 - 41/62	10

NEW EMP-X

Indextrut Splice



METAL



CODE	SUITABLE FOR	€/100	
EMPX4121	41/41 - 41/21 - 41/62	876,267	10

METAL



CODE	SUITABLE FOR	€/100		
RTX01	41/41 - 41/21 - 41/62	683,833	10	

RT-X NEW

Indextrut Ball bushing support



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
UNPX412101	1	54,767	41/41 - 41/21	50	300
UNPX412102	2	113,067	41/41 - 41/21	25	150
UNPX412103	3	159,000	41/41 - 41/21	25	125
UNPX412104	4	197,867	41/41 - 41/21	10	60

UN-PX NEW

Indextrut Connector plate



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
UNEX412103	3	287,953	41/41 - 41/21	25	

UN-EX NEW

Connector plate Indextrut Square



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
UNTX412104	4	183,733	41/41 - 41/21 - 41/62	25	

UN-TX NEW

Connector plate "T" Indextrut



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
PGX4121	3	300,545	41/21	15	90
PGX4141	5	398,348	41/41	10	60

PG-X NEW

Channel U-fitting Indextrut



METAL



CODE	€/100	SUITABLE FOR		
ABGX4121	512,333	41 x 21 - 41 x 41	20	

AB-GX NEW

Perforated profile clamp Indextrut



PX-AC

Indextrut Accessories for profiles



SO-TP

Plastic caps



METAL



CODE	SIZE	€/100	SUITABLE FOR		
SOTP4121	41/21	43,697	41/21	100	300
SOTP4141	41/41	45,817	41/41	100	300

VE-AC

Ventilation accessories

NEW UN-CO

Conduit union type "C"



METAL



CODE	SIZE	€/100		
UNCO3220	32 x 20	51,233	100	400


NEW SO-PG

Isophonic rubber profile for support



METAL



CODE	SIZE	€/100	SUITABLE FOR	LENGTH	
SOPG27	27/28	126,187	27/18 - 28/30	20 m.	1
SOPG38	38/40	180,060	38/40 - 40/20	20 m.	1
SOPG41	41/41	184,210	41/41 - 41/21	20 m.	1



INDEX
A PERFECT FITTING

QUICK BEAM ATTACHMENT SYSTEMS



SU

Steel beam clamps

SU-MO

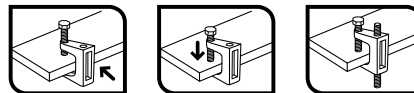
Beam clamp



02 Technical info. P. 398



CODE	SIZE	€/100	MAX. WIDTH TO BEAM		
SUMOP09	PASANTE Ø9	357,394	20	50	150
SUMOP11	PASANTE Ø11	392,948	20	50	150
SUMOP13	PASANTE Ø13	573,628	25	50	100
SUMOM06	NEW ROSCADO M6	306,680	20	50	200
SUMOM08	ROSCADO M8	357,394	20	50	200
SUMOM10	ROSCADO M10	392,948	20	50	150
SUMOM12	ROSCADO M12	598,091	25	50	-



SU-CL

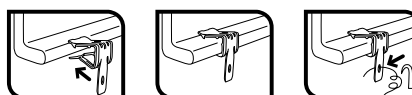
Suspension clip



02 Technical info. P. 398



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUCL02	6.3	34,570	14	1,5 - 4	100	1.200
SUCL04	6.3	49,449	23	4 - 10	100	400
SUCL10	6.3	57,592	23	10 - 15	100	300
SUCL15	6.3	76,790	23	15 - 20	100	300



SU-VA

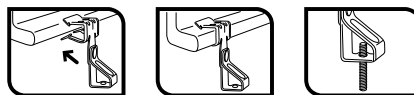
Rod clip



02 Technical info. P. 398



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUVA0602	M 6	88,771	14	1,5 - 4	100	300
SUVA0604	M 6	108,132	23	4 - 10	100	200
SUVA0610	M 6	159,068	23	10 - 15	100	-
SUVA0615	M 6	191,977	23	15 - 20	100	-
SUVA0804	M 8	108,132	14	1,5 - 4	100	200
SUVA0810	M 8	159,068	23	4 - 10	100	200
SUVA0815	M 8	191,977	23	10 - 15	100	-
SUVA0802	M 8	88,771	23	15 - 20	100	300



SU-CU

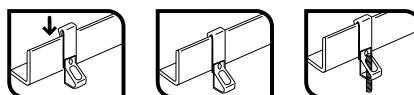
Holder clip



02 Technical info. P. 398



CODE	SIZE	€/100	BEAM THICKNESS		
SUCU0602	M 6	89,163	1,5 - 5	100	300
SUCU0605	M 6	99,098	5 - 7	100	300
SUCU0606	M 6	124,058	3 - 7	100	200
SUCU0607	M 6	146,224	7 - 10	100	200





THREADED ROD AND FIXING ACCESSORIES



RV

Threaded rod

RV-ZN

Zinc-plated



1 M.



Available in
8.8 quality.
Under request

METAL



CODE	SIZE	€/100	PITCH	
975ZM04	M4 x 1000	90,974	0,7	100
975ZM05	M5 x 1000	121,297	0,8	100
975ZM06	M6 x 1000	114,616	1	100
975ZM08	M8 x 1000	207,288	1,25	50
975ZM10	M10 x 1000	309,712	1,5	25
975ZM12	M12 x 1000	485,294	1,75	20
975ZM14	M14 x 1000	666,732	2	10
975ZM16	M16 x 1000	853,534	2	10
975ZM18	M18 x 1000	1.197,970	2,5	10
975ZM20	M20 x 1000	1.521,729	2,5	5
975ZM22	M22 x 1000	1.969,128	2,5	5
975ZM24	M24 x 1000	2.170,417	3	5
975ZM27	M27 x 1000	2.506,948	3	5
975ZM30	M30 x 1000	3.312,973	3,5	5
975ZM33	M33 x 1000	4.076,732	3,5	3
975ZM36	M36 x 1000	4.820,259	4	3

RV-A2

A2 Stainless steel



1 M.

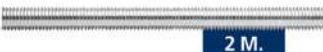
STAINLESS STEEL



CODE	SIZE	€/100	PITCH	
975A2M04	M4 x 1000	286,675	0,7	1
975A2M05	M5 x 1000	354,137	0,8	1
975A2M06	M6 x 1000	488,943	1	1
975A2M08	M8 x 1000	793,461	1,25	1
975A2M10	M10 x 1000	1.149,442	1,5	1
975A2M12	M12 x 1000	1.749,899	1,75	1
975A2M14	M14 x 1000	3.064,289	2	1
975A2M16	M16 x 1000	3.538,402	2	1
975A2M18	M18 x 1000	3.860,073	2,5	1
975A2M20	M20 x 1000	5.326,899	2,5	1
975A2M22	M22 x 1000	6.226,948	2,5	1
975A2M24	M24 x 1000	8.405,492	3	1
975A2M27	M27 x 1000	10.130,358	3	1
975A2M30	M30 x 1000	15.766,251	3,5	1
975A2M33	M33 x 1000	19.793,596	3,5	1
975A2M36	M36 x 1000	22.765,848	4	1

RV-2M

2 meters. Zinc-plated



2 M.

METAL



CODE	SIZE	€/100	PITCH	
975ZM2M06	M6 x 2.000	229,233	1	50



Small threaded bolt

VR-SE

METAL



CODE	SIZE	€/100		
VRSE06020	M6 x 20	7,458	200	4.800
VRSE06030	M6 x 30	10,483	200	4.800
VRSE08020	M8 x 20	9,751	200	3.200
VRSE08030	M8 x 30	13,057	200	2.400
VRSE10030	M10 x 30	19,173	200	2.400
VRSE12030	M12 x 30	25,267	100	800



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
LSVRSE06030	M6 x 30	5,088	30	8

Coupling nut

MA

METAL



CODE	SIZE	€/100	LENGTH		
MAE0620	M6 x 20	17,778	20	200	2.400
MAE0630	M6 x 30	23,982	30	200	1.600
MAE0825	M8 x 25	19,426	25	200	1.600
MAE1030	M10 x 30	25,856	30	150	900
MAE1235	M12 x 35	60,337	35	100	600
MAE1650	M16 x 50	186,073	50	50	100
MAE2060	M20 x 60	507,962	60	25	-

MAHE

Coupling nut. Hexagonal. Zinc-plated



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS 	CODE	SIZE	€/BOX	PCS. 	BOXES 	CODE	SIZE	€/BAG	PCS. 	BAGS
BZMAE0630	M6 x 30	2,345	6	15	VMMAE0630	M6 x 30	6,499	20	8	LSMAE0630	M6 x 30	11,265	40	6
BZMAE0825	M8 x 25	2,345	6	15	VMMAE0825	M8 x 25	5,246	20	8	LSMAE0825	M8 x 25	6,883	30	5
BZMAE1030	M10 x 30	2,345	4	15	VMMAE1030	M10 x 30	5,501	15	8	LSMAE1030	M10 x 30	6,108	20	6

METAL



CODE	SIZE	€/100	LENGTH		
MAR5322	5/32W x 20	22,135	20	200	4.800
MAR0420	M4 x 20	14,849	20	200	4.800
MAR0620	M6 x 20	15,670	20	200	2.400
MAR0630	M6 x 30	23,278	30	200	1.600
MAR0825	M8 x 25	19,426	25	200	2.400
MAR0830	M8 x 30	24,092	30	200	1.600
MAR1030	M10 x 30	25,709	30	150	900
MAR1235	M12 x 35	43,442	35	100	600
MAR1650	M16 x 50	155,053	50	50	300

MARE

Coupling nut. Round. Zinc-plated



Window Box



Self-Service

CODE	SIZE	€/BOX	PCS. 	BOXES 	CODE	SIZE	€/BAG	PCS. 	BAGS
VMAR0420	M4 x 20	5,013	25	8	LSMAR0420	M4 x 20	7,014	40	8
VMAR0630	M6 x 30	6,286	20	8	LSMAR0630	M6 x 30	11,000	40	7
VMAR0830	M8 x 30	6,507	20	8	LSMAR0830	M8 x 30	9,963	35	5
VMAR1030	M10 x 30	5,250	15	8	LSMAR1030	M10 x 30	6,125	20	6

MA

Coupling nut

MARI

Coupling nut. Round. A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
MARI0830	M8 x 30	185,980	30	100
MARI1030	M10 x 30	256,037	30	100

METAL



NEW MA-MH

Spacer nut Male/Female



CODE	SIZE	€/100	LENGTH		
MAMH0610	M6 x 10	39,220	10	100	3.000
MAMH0620	M6 x 20	48,230	20	100	1.200
MAMH0630	M6 x 30	53,240	30	100	1.200
MAMH0640	M6 x 40	60,547	40	100	1.000
MAMH0650	M6 x 50	67,692	50	50	1.000

AR-FO

Forged eye bolt



METAL



CODE	SIZE	€/100	EYE BOLT Ø	THREAD LENGTH		
ARFOM06Z	M6 x 55	77,168	10	55	100	1.200
ARFOM08Z	M8 x 60	103,450	11,8	60	100	600
ARFOM10Z	M10 x 73	145,915	14,5	73	50	300
ARFOM12Z	M12 x 90	281,715	17	90	50	200
ARFOM16Z	M16 x 95	634,683	23,5	95	25	50

GA-FO

Forged hook bolt



METAL



CODE	SIZE	€/100	LENGTH	APERTURE HOOK	THREAD LENGTH		
GAFOM06Z	M6 x 55	71,129	82	8	55	100	1.200
GAFOM08Z	M8 x 60	116,990	98	10	60	100	600
GAFOM10Z	M10 x 73	191,523	116,5	12,5	73	50	300
GAFOM12Z	M12 x 90	332,439	146	16	90	50	100
GAFOM16Z	M16 x 95	660,684	170	19	95	25	50

GE-SP

Hook spiral



METAL



CODE	SIZE	€/100	THREAD LENGTH		
GESPM08ZE	M8 x 60	131,691	65	25	300
GESPM10ZE	M10 x 73	146,367	78	15	90



Threaded screw clamp and staple

TAG



AB-TA

Zinc-plated. Slotted



02 Technical info. P. 399

CODE	SIZE	€/100		
ABTA0630	M6 x 30	4,586	100	4.500
ABTA0640	M6 x 40	5,502	100	2.400
ABTA0650	M6 x 50	6,220	100	2.400
ABTA0730	M7 x 30	4,459	100	2.400
ABTA0740	M7 x 40	5,502	100	2.400
ABTA0750	M7 x 50	6,220	100	2.400
ABTA0760	M7 x 60	10,766	100	1.200
ABTA0770	M7 x 70	14,182	100	1.200
ABTA0780	M7 x 80	15,582	100	1.200
ABTA0840	M8 x 40	7,648	100	2.400
ABTA0860	M8 x 60	10,192	100	1.200
ABTA0880	M8 x 80	14,641	100	1.200
ABTA1050	M10 x 50	17,140	100	1.200
ABTA1070	M10 x 70	21,900	100	800
ABTA1090	M10 x 90	27,293	100	600



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABTA0630	M6 x 30	2,493	15	10
LSABTA0640	M6 x 40	2,647	15	10
LSABTA0650	M6 x 50	2,809	15	10
LSABTA0840	M8 x 40	3,361	15	10
LSABTA0860	M8 x 60	3,677	15	10



AB-TA B

Yellow zinc-plated. Slotted



02 Technical info. P. 399

CODE	SIZE	€/100		
ABTAB0630	M6 x 30	4,586	100	4.500
ABTAB0640	M6 x 40	5,502	100	2.400
ABTAB0650	M6 x 50	6,220	100	2.400



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABTAB0630	M6 x 30	2,493	15	10
LSABTAB0640	M6 x 40	2,647	15	10
LSABTAB0650	M6 x 50	2,809	15	10

STAINLESS STEEL



AB-TA A2

A2 Stainless steel. Slotted



02 Technical info. P. 399

CODE	SIZE	€/100		
ABTA20630	M6 x 30	69,076	100	2.400



AB-TR NEW

Threaded screw for clamps



02 Technical info. P. 400

CODE	SIZE	€/100		
ABTR05030	5 x 30	9,111	100	2.400
ABTR05040	5 x 40	9,433	100	2.400
ABTR05050	5 x 50	10,518	100	2.400
ABTR05060	5 x 60	12,460	100	1.200
ABTR06040	6 x 40	12,037	100	2.400
ABTR06050	6 x 50	14,602	100	1.200
ABTR06060	6 x 60	16,765	100	1.200

TAG

Threaded screw clamp and staple

AB-PM7

Cylindrical spacer for clamps M7



AB-TG

Threaded screws for clips



02 Technical
p. 400 info.

TM-VR

Screw Coupling nut for threaded rod



CODE	SIZE	€/100		
ABPM720	20	94,644	50	2.250
ABPM730	30	124,023	50	2.250
ABPM740	40	139,671	50	1.200



CODE	SIZE	€/100			
ABTG4530	4,5 x 30	5,334	PZ2	100	4.500
ABTG4535	4,5 x 35	5,572	PZ2	100	4.500
ABTG4540	4,5 x 40	5,912	PZ2	100	2.400
ABTG5030	5 x 30	7,049	PZ3	100	2.400
ABTG5040	5 x 40	7,462	PZ3	100	2.400

CODE	SIZE	€/100		
TMVR06065	6 x 65	134,138	50	1.200
TMVR07065	7 x 65	140,532	50	1.200
TMVR08065	8 x 65	143,381	50	1.200



Double threaded screw

ES-DR



ES-DR

Zinc-plated. Tx



02 Technical info. P. 401

CODE	SIZE		€/100	MXL	SW*		
ESDR06040	M6 x 40	TX15	9,349	M6 x 40	-	100	3.000
ESDR06050	M6 x 50	TX15	11,148	M6 x 50	-	100	2.400
ESDR06060	M6 x 60	TX15	12,865	M6 x 60	-	100	2.400
ESDR06070	M6 x 70	TX15	15,056	M6 x 70	-	100	1.600
ESDR06080	M6 x 80	TX15	16,850	M6 x 80	-	100	1.600
ESDR08050	M8 x 50	TX25	12,646	M8 x 50	-	100	1.600
ESDR08060	M8 x 60	TX25	15,356	M8 x 60	-	100	800
ESDR08070	M8 x 70	TX25	17,578	M8 x 70	-	100	800
ESDR08080	M8 x 80	TX25	19,744	M8 x 80	6	100	800
ESDR08090	M8 x 90	TX25	20,585	M8 x 90	6	100	800
ESDR08100	M8 x 100	TX25	22,066	M8 x 100	6	100	800
ESDR08110	M8 x 110	TX25	26,150	M8 x 110	6	100	800
ESDR08120	M8 x 120	TX25	32,432	M8 x 120	6	100	800
ESDR08130	M8 x 130	TX25	38,291	M8 x 130	6	100	800
ESDR10080	M10 x 80	TX25	30,606	M10 x 80	8	100	800
ESDR10100	M10 x 100	TX25	36,729	M10 x 100	8	100	400
ESDR10110	M10 x 110	TX25	40,927	M10 x 110	8	100	400
ESDR10120	M10 x 120	TX25	51,166	M10 x 120	8	100	400
ESDR10130	M10 x 130	TX25	62,890	M10 x 130	8	100	400
ESDR10140	M10 x 140	TX25	66,928	M10 x 140	8	100	400
ESDR10150	M10 x 150	TX25	70,826	M10 x 150	8	100	400
ESDR10180	M10 x 180	TX25	95,711	M10 x 180	8	100	300
ESDR10200	M10 x 200	TX25	106,406	M10 x 200	8	100	200



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSESDR06080	M6 x 80	4,912	25	7
LSESDR08060	M8 x 60	5,037	25	7
LSESDR08080	M8 x 80	6,247	25	6
LSESDR08100	M8 x 100	7,363	25	6
LSESDR08120	M8 x 120	7,485	20	6
LSESDR10080	M10 x 80	7,075	20	6
LSESDR10100	M10 x 100	7,693	18	6
LSESDR10120	M10 x 120	7,498	15	7

*SW: hexagon in the middle



STAINLESS STEEL



CODE	SIZE	€/100		
ESDA208060	M8 x 60	104,049	100	800
ESDA210060	M10 x 60	193,561	100	800

ES-DA2

A2 Stainless steel. Tx



02 Technical info. P. 341

AB-F

Washer for clamps

AB-FP

Flat washer for clamps



CODE	SIZE	€/100		
ABFP25	25	5,898	100	2.400
ABFP32	32	8,673	100	2.400

AB-FC

Conical washer for clamps



CODE	SIZE	€/100		
ABFC09	9	9,566	100	2.400
ABFC14	14	14,910	100	1.200
ABFC19	19	23,779	100	1.200

PF

Flat bar for fixation.

PF-ZN

Zinc-plated



METAL



CODE	SIZE	€/100		
PFZNM0800	M8	48,594	100	600
PFZNM0810	M8 + M10	62,248	100	600
PFZNM1000	M10	58,769	100	600

PF-A4

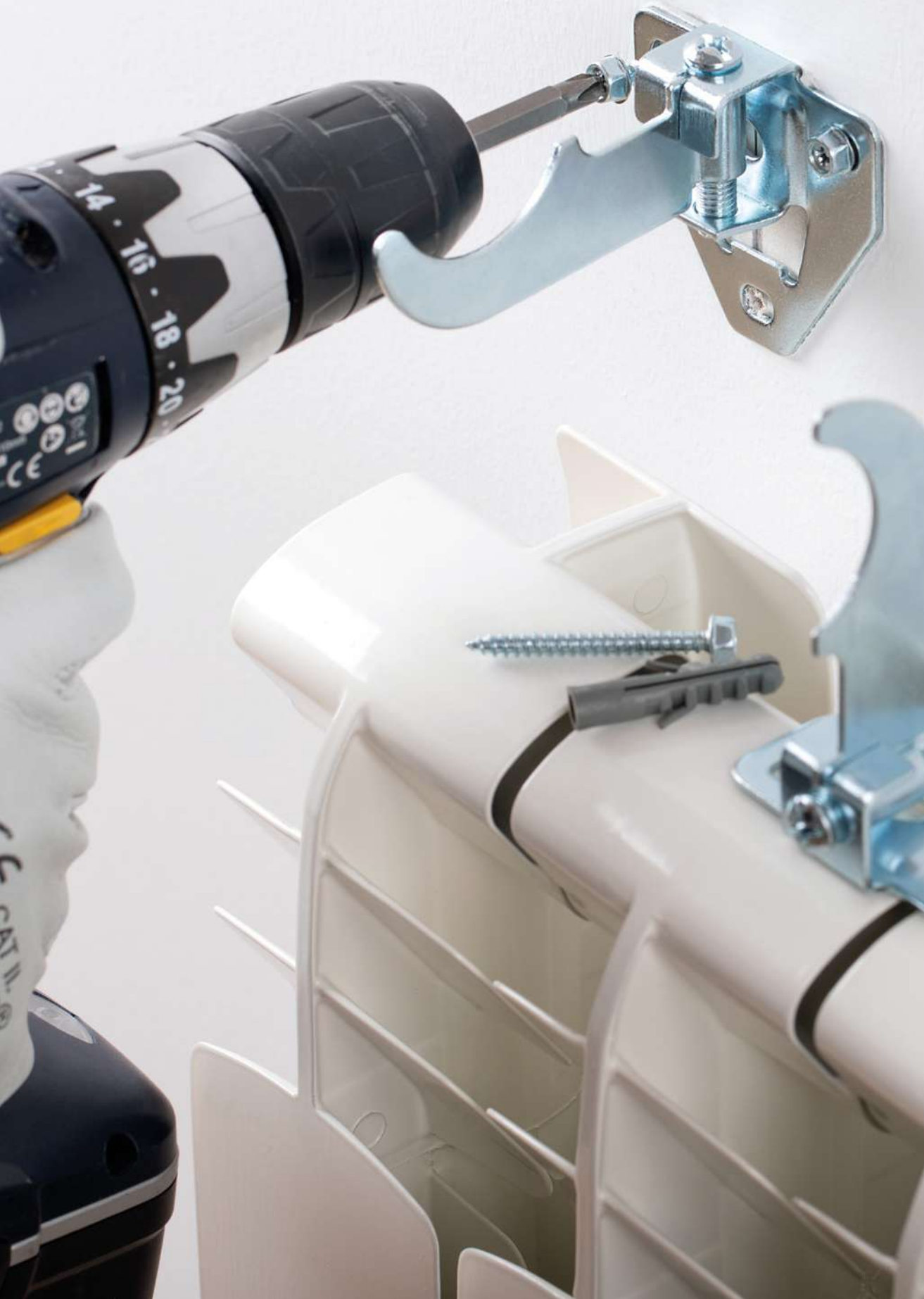
A4 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100		
PFA4M0800	M8	267,316	100	600
PFA4M0810	M8 + M10	318,609	100	600
PFA4M1000	M10	305,396	100	600



FIXINGS FOR BATHROOM FITTINGS AND AIR-CONDITIONING UNITS

RA

Aluminium radiator supports

RA-TRG

Adjustable triangular support with anti vibrations rubber



2 PCS
x KIT

ALSO AVAILABLE
easykits

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
RATRG095	95	4,155	50

RA-TRI

1" triangular support



CODE	SIZE	€/100	KITS X
RATRI095	95	131,576	100

RA-FRE

Straight Ferroli support



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
RAFRE095	95	3,744	50

RA-FIN

Inclined Ferroli support



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
RAFIN100	100	3,957	50

Aluminium radiator supports

RA



CODE	SIZE	€/KIT	KITS X
RAR0100	100	6,195	50

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/100	KITS X
RAFEM145	145	108,389	250
RAFEM175	175	113,998	250



CODE	SIZE	€/100	KITS X
RARAY032	32 x 78	80,273	250



CODE	SIZE	€/100	KITS X
RAPE032	32 x 78	82,534	250

RA-RO

Roca support



RA-FEM

Ferrolli support to recess



RA-RAY

Rayco support



RA-PES

Universal support



easykits

- INCREASES CROSS-SELLING
- ATTRACTIVE VISUAL PACKAGING
- USEFUL INFORMATION ON PACKAGING
- SOLUTIONS FOR COMMON PRODUCTS

SA

Sanitary fixings

SA-LN

Sanitary fixings with nylon nut



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SALN08100	M8 x 100	1,866	50
SALN10120	M10 x 120	2,426	50

SA-LH

Sanitary fixings with iron nut



2 PCS
x KIT

ALSO AVAILABLE
easykits
TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SALH08100	M8 x 100	2,001	100
SALH10120	M10 x 120	2,651	50

SA-IL

Stainless steel WC and bidet fixing kit
with long nylon plug



2 PCS
x KIT



CODE	SIZE	€/KIT	KITS X
SAIL06080	M6 x 80	2,656	100

SA-WZ

WC and bidet fixing kit, zinc-plated



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWZ05080	M5 x 80	1,099	300

SA-WL

WC and bidet fixing kit, brass



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWL05080	M5 x 80	2,807	100

Sanitary fixings

SA



CODE	SIZE	€/KIT	KITS X
SACI06080	M6 x 80	4,946	100

SA-CI

Cistern fixing kit



2 PCS x KIT

ALSO AVAILABLE
easykits



CODE	SIZE	€/KIT	KITS X
SAWH06070	M6 x 70	1,923	50

SA-WH

Horizontal WC fixing kit



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWHM06060	M6 x 60	4,807	50

SA-WHM **NEW**

Horizontal multiposition fixing elements for WC



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SATEB0860	M8 x 60	107,767	50
SATEB1080	M10 x 80	190,800	50

SA-TE TB **NEW**

Fixing elements for boilers and heaters. Screw



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SATEA0865	M8 x 65	102,467	50
SATEA1075	M10 x 75	141,333	50

SA-TE AL **NEW**

Fixing elements for boilers and heaters. Hook screw



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug

CO

Kit for air-conditioning sets



CO-SO

Kit for air-conditioning sets



2 PCS
x KIT

CODE	SIZE	€/KIT	KITS X
COS015400	1,5 x 400	28,563	1
COS015450	1,5 x 450	31,093	1
COS015500	1,5 x 500	38,304	1
COS020400	2 x 400	43,419	1
COS020450	2 x 450	46,763	1
COS020500	2 x 500	47,779	1



Ø 8 / Ø 10

Recommended to be installed with T-NUX

**PAG.
98**

CO-KS

Silent block support kit for AC



4 PCS
x KIT

CODE	SIZE	€/KIT	KITS X
COKS08060	M8 x 60	6,444	1





EASYKITS

**easy
kits**

EKMULCAN

Cable racks



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULCAN	TCCA05050	5,044	8	4,897	12
	FREE DRILL BIT	5 x 85	1		

EKMULFAE

Fixings for outdoor accessories



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULFAE	TN4506	6 x 30 Ø6	4	5,044	12
	TPA240050	4 x 50	4		
	FREE DRILL BIT	6 x 100	1		

EKMULTEN

Cloths line - Satellite dishes - AC



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULTEN	TN4508	8 x 40 Ø8	4	7,145	12
	TBA206050	6 x 50	4		
	125IM06	M6	4		
	FREE DRILL BIT	8 x 120	1		

EKMULAC

Air-conditioning devices



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULAC	TNUXE10080	10 x 80 Ø10	4	5,050	12
	TN4506	6 x 30 Ø6	4		
	D12505	M5	4		
	T8142038	4,2 x 38	4		

EKMULTOL

Awnings



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULTOL	TNUXE08080	8 x 80 Ø8	4	7,145	12
	FREE DRILL BIT	8 x 120	1		

MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULCAL	TN4S10	10 x 50 Ø10	2	7,145	12
	TB06060	4 x 50	2		
	ALRO22100	22x100 (6 x 79 x 23)	2		
	FREE DRILL BIT	10 x 120	1		

EKMULCAL

Boilers - Heaters



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULAV08	SALH08100	M8 x 100	2	7,145	12
	FREE DRILL	8 x 120	11		
EKMULAV10	SALH10120	M10 x 120	2	10,715	12
	FREE DRILL BIT	10 x 120	1		

EKMULAV

Washbasins



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULCIS	SACIO6080	M6 x 80	2	10,715	12

EKMULCIS

Tanks WC



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULWCB	SAWZ05080	M5 x 80	2	7,145	12
	FREE DRILL BIT	8 x 120	1		

EKMULWCB

Screw tighten clamp



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULRAD	RATRG095	95	2	13,397	12
	FREE DRILL BIT	8 x 120	1		

EKMULRAD

Screw tighten clamp



EKMULROB

Anti theft



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULROB	TN4S10	10 x 50 Ø10	4	7,645	12
	INVN7070	7 x 70	4		
	FREE DRILL BIT	10 x 120	1		

EKMACILU

Lighting - Frames



SOLID



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMACILU	TN4S06	6 x 30 Ø6	4	5,044	12
	TPPOZ40045	4 x 45	4		
	ALRO18050	18x50 (3,7 x 37 x 15)	4		
	FREE DRILL BIT	6 x 100	1		

EKHUEILU

Lighting - Frames



HOLLOWS



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKHUEILU	TAPLANY	15 x 33	4	5,044	12
	TPPOZ45045	4,5 x 45	4		
	ALRO19050	19x50 (4,4 x 37 x 15)	4		

EKMACFTP

Heavy Ceiling fixing



SOLID



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMACFTP	TN4S10	10 x 50 Ø10	4	7,145	12
	TB06060	6 x 60	4		
	D12506	M6	4		
	FREE DRILL BIT	10 x 120	1		

EKHUEFTP

Heavy Ceiling fixing



HOLLOWS



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKHUEFTP	BAESM06	M6 Ø16	4	7,145	12

EKMACFTL

Light Ceiling fixings



SOLID



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMACFTL	TN4S06	6 x 30 Ø6	4	5,044	12
	TPPOZ40040	4 x 40	4		
	FREE DRILL BIT	6 x 100	1		

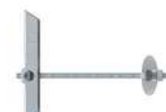
HOLLOWS



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKHUEFTL	BAESM04	M4 Ø14	2	5,044	12

EKHUEFTL

Light Ceiling fixings



SOLID



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMACFTG	TN4S06	6 x 30 Ø6	4	5,044	12
	ALHA19070	19x70 (4,4 x 41 x 15)	4		
	FREE DRILL BIT	6 x 100	1		

EKMACFTG

Hook Ceiling fixings



HOLLOWS



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKHUEFTG	BAGAM06	10 x 80 Ø10	2	5,044	12

EKHUEFTG

Hook Ceiling fixings



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULFAP	TN4S08	8 x 40 Ø8	4	7,145	12
	TPPOZ05050	5 x 50	4		
	ALRO19050	19x50 (4,4 x 37 x 15)	4		
	FREE DRILL BIT	8 x 120	1		

EKMULFAP

Fixings for heavy accessories



MULTI-MATERIAL



CODE	CONTENT	SIZE CONTENT	PCS X BAG	€/BAG	MINIMUM UNITS SALE
EKMULFAL	TN4S05	5 x 25 Ø5	4	5,044	12
	TPPOZ35030	3,5 x 30	4		
	ALRO17040	17x40 (3,5 x 29 x 13)	4		
	FREE DRILL BIT	5 x 85	1		

EKMULFAL

Light fixings





STAINLESS RANGE



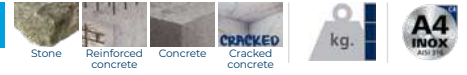
MT

Through bolt anchor for heavy loads

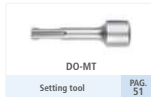
MTP-A4

Option 1 ETA Assessed. A4 Stainless steel shaft. A4 Stainless clip

STAINLESS STEEL



02 Technical info. P. 341

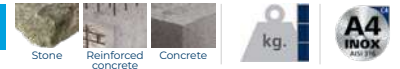


CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
APA408068	M8 x 68 Ø8	341,807	4	A	100	600
APA408075	M8 x 75 Ø8	326,788	10	B	100	600
APA408090	M8 x 90 Ø8	365,558	25	C	100	600
APA408115	M8 x 115 Ø8	484,565	50	D	100	400
APA408135	M8 x 135 Ø8	560,616	70	E	50	300
APA408165	M8 x 165 Ø8	676,466	100	G	50	200
APA410090	M10 x 90 Ø10	576,030	10	A	100	400
APA410105	M10 x 105 Ø10	615,983	25	B	50	300
APA410115	M10 x 115 Ø10	678,570	35	C	50	300
APA410135	M10 x 135 Ø10	814,016	55	D	50	300
APA410155	M10 x 155 Ø10	896,732	75	E	50	300
APA410185	M10 x 185 Ø10	1.039,535	105	F	50	100
APA412110	M12 x 110 Ø12	836,353	10	A	50	300
APA412120	M12 x 120 Ø12	897,260	20	B	50	300
APA412145	M12 x 145 Ø12	1.095,031	45	C	50	200
APA412170	M12 x 170 Ø12	1.202,852	70	D	50	100
APA412200	M12 x 200 Ø12	1.326,549	100	E	50	100
APA416130	M16 x 130 Ø16	1.730,418	10	A	50	100
APA416150	M16 x 150 Ø16	1.960,718	30	B	25	100
APA416185	M16 x 185 Ø16	2.593,507	60	C	25	50
APA416220	M16 x 220 Ø16	2.791,625	100	D	20	40

MTH-A4

Option 7 ETA Assessed. A4 Stainless steel. A4 Stainless clip

STAINLESS STEEL



02 Technical info. P. 344



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	169,561	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	184,727	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	196,742	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	204,397	4	A	100	800
MIA408075	M8 x 75 Ø8	217,056	5	C	100	600
MIA408090	M8 x 90 Ø8	242,211	20	E	100	600
MIA408115	M8 x 115 Ø8	318,189	45	G	100	400
MIA410070	M10 x 70 Ø10	355,488	3	C	100	400
MIA410090	M10 x 90 Ø10	402,927	10	D	100	400
MIA410120	M10 x 120 Ø10	489,794	40	G	50	300
MIA410150	M10 x 150 Ø10	694,624	70	I	50	200
• MIA412075	M12 x 75 Ø12	531,608	5	C	50	300
MIA412090	M12 x 90 Ø12	535,364	13	D	50	200
MIA412110	M12 x 110 Ø12	585,631	12	F	50	200
MIA412140	M12 x 140 Ø12	702,261	42	I	50	200
• MIA416090	M16 x 90 Ø16	1.270,189	4	D	25	150
MIA416145	M16 x 145 Ø16	1.568,644	23	I	25	100
MIA416170	M16 x 170 Ø16	1.811,425	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.009,956	5	G	20	40
MIA420170	M20 x 170 Ø20	2.747,532	23	K	20	40
MIA420220	M20 x 220 Ø20	3.483,753	73	O	20	40

• Non-approved sizes
• Non-assessed sizes for Fire Resistance

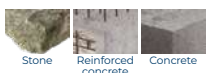
Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VMIA408075	M8 x 75 Ø8	32,115	10	8
VMIA410090	M10 x 90 Ø10	43,953	8	8
VMIA412110	M12 x 110 Ø12	50,288	6	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMIA408075	M8 x 75 Ø8	35,439	12	7
LSMIA410090	M10 x 90 Ø10	46,268	8	7
LSMIA412110	M12 x 110 Ø12	50,367	6	5

STAINLESS STEEL



MTH-A2

Option 7 ETA Assessed. A2 Stainless steel . A2 Stainless clip



CODE	SIZE	€/100	MAX. FIXTURE THICKNESS	AXIX LETTER (LENGTH)		
•MI06045	M6 x 45 Ø6	138,355	1	A	200	1.200
•MI06060	M6 x 60 Ø6	155,162	2	B	200	1.200
•MI06080	M6 x 80 Ø6	162,288	22	D	200	1.200
•MI06120	M6 x 120 Ø6	194,110	62	G	100	600
•MI06140	M6 x 140 Ø6	245,679	82	I	100	600
•MI06160	M6 x 160 Ø6	275,184	102	J	100	400
•MI06170	NEW M6 x 170 Ø6	289,751	112	K	100	400
•MI06180	NEW M6 x 180 Ø6	305,995	112	L	100	300
•MI08050	M8 x 50 Ø8	167,797	4	A	100	800
MI08075	M8 x 75 Ø8	183,796	5	C	100	600
MI08090	M8 x 90 Ø8	209,160	20	E	100	600
MI08115	M8 x 115 Ø8	270,561	45	G	100	400
MI10070	M10 x 70 Ø10	284,386	3	C	100	400
MI10090	M10 x 90 Ø10	318,332	10	D	100	400
MI10120	M10 x 120 Ø10	373,121	40	G	50	300
MI10150	M10 x 150 Ø10	522,393	70	I	50	200
•MI12075	M12 x 75 Ø12	431,214	5	C	50	300
MI12090	M12 x 90 Ø12	432,201	13	D	50	200
MI12110	M12 x 110 Ø12	467,779	18	F	50	200
MI12140	M12 x 140 Ø12	586,299	48	I	50	200
•MI16090	M16 x 90 Ø16	1.047,676	4	D	25	150
MI16145	M16 x 145 Ø16	1.189,034	23	I	25	100
MI16170	M16 x 170 Ø16	1.303,785	48	K	25	75
•MI20120	M20 x 120 Ø20	1.629,198	5	G	20	40
MI20170	M20 x 170 Ø20	2.024,397	23	K	20	40
MI20220	M20 x 220 Ø20	2.615,046	73	O	20	40

• Non-approved sizes

• Non-assessed sizes for Fire Resistance



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZMI08075	M8 x 75 Ø8	4,357	2	12
BZMI10090	M10 x 90 Ø10	4,357	2	10

CODE	SIZE	€/BOX	PCS.	BOXES
VMI08075	M8 x 75 Ø8	29,091	10	8
VMI08090	M8 x 90 Ø8	31,103	10	8
VMI10070	M10 x 70 Ø10	32,140	8	8
VMI10090	M10 x 90 Ø10	35,976	8	8
VMI10120	M10 x 120 Ø10	31,628	6	8
VMI12110	M12 x 110 Ø12	39,236	6	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSMI08075	M8 x 75 Ø8	29,522	12	7
LSMI08090	M8 x 90 Ø8	33,592	12	7
LSMI10070	M10 x 70 Ø10	36,159	10	6
LSMI10090	M10 x 90 Ø10	35,976	8	6
LSMI10120	M10 x 120 Ø10	37,952	8	6
LSMI12110	M12 x 110 Ø12	39,236	6	6

SOLID



CODE	SIZE	€/PC		
DOMTA10	M6 - M8 - M10	11,907	5	225
DOMTA20	M12 - M14 - M16 - M20	19,845	5	225

DO-MT

Setting tool for MT family



CH

Anti-spin sleeve anchor, for medium loads

CH-A2

Stainless steel A2 Option 7
ETA Assessed



02 Technical info. P. 351



STAINLESS STEEL



CODE	SIZE	€/100			
ACHTA208C	M6 x 45 Ø8	93,074	100		1.200
ACHTA208L	M6 x 60 Ø8	105,146	100		600
•ACHTA209C	M6 x 45 Ø9	105,328	100		1.200
•ACHTA209L	M6 x 60 Ø9	121,657	100		600
ACHTA210C	M8 x 60 Ø10	150,802	100		600
ACHTA210L	M8 x 80 Ø10	173,473	100		400
•ACHTA211C	M8 x 60 Ø11	181,424	100		400
•ACHTA211L	M8 x 80 Ø11	213,718	100		400
ACHTA212C	M10 x 70 Ø12	254,393	100		200
ACHTA212L	M10 x 100 Ø12	311,112	50		200
•ACHTA214C	M10 x 70 Ø14	338,403	100		300
•ACHTA214L	M10 x 100 Ø14	377,454	50		200
ACHTA216C	M12 x 80 Ø16	501,624	50		100
ACHTA216L	M12 x 110 Ø16	634,755	50		100
ACHTA220C	M16 x 110 Ø20	1.303,194	25		75

• Non-approved sizes



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS. BAGS	CODE	SIZE	€/BOX	PCS. BOXES	CODE	SIZE	€/BAG	PCS. BAGS
BZACHTA208C	M6 x 45 Ø8	4,357	2 15	VACHTA208C	M6 x 45 Ø8	12,614	10 8	LSACHTA208C	M6 x 45 Ø8	13,624	12 6
BZACHTA208L	M6 x 60 Ø8	4,357	2 15	VACHTA208L	M6 x 60 Ø8	14,664	10 8	LSACHTA208L	M6 x 60 Ø8	15,838	12 6
BZACHTA210C	M8 x 60 Ø10	4,357	2 15	VACHTA210C	M8 x 60 Ø10	13,133	6 8	LSACHTA210C	M8 x 60 Ø10	15,759	8 6
BZACHTA210L	M8 x 80 Ø10	4,357	2 15	VACHTA210L	M8 x 80 Ø10	15,638	6 8	LSACHTA210L	M8 x 80 Ø10	18,764	8 6
				VACHTA212C	M10 x 70 Ø12	14,736	4 8	LSACHTA212C	M10 x 70 Ø12	19,897	6 6
				VACHTA212L	M10 x 100 Ø12	18,190	4 8	LSACHTA212L	M10 x 100 Ø12	18,190	4 5

CH-PI

Stainless steel A2 flat head screw
Option 7 ETA Assessed



02 Technical info. P. 352



STAINLESS STEEL



CODE	SIZE	€/100			
ACHTPI08C	M6 x 45 Ø8	99,762	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	127,744	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	188,208	5	100	600
ACHTPI10L	M8 x 80 Ø10	222,796	5	100	400
ACHTPI12C	M10 x 70 Ø12	297,601	6	50	300
ACHTPI12L	M10 x 100 Ø12	351,350	6	50	300

CH-GF A2

Stainless steel A2 forged hook bolt



02 Technical info. P. 353

STAINLESS STEEL



CODE	SIZE	€/100	APERTURE HOOK		
ACHGA208C	M6 x 45 Ø8	361,336	10	100	600
ACHGA210C	M8 x 60 Ø10	536,738	11	100	400
ACHGA212C	M10 x 70 Ø12	747,689	14	50	200

Anti-spin sleeve anchor, for medium loads

CH

STAINLESS STEEL



CODE	SIZE	€/100	EYE BOLT Ø		
ACHAA208C	M6 x 45 Ø8	396,769	10	100	600
ACHAA210C	M8 x 60 Ø10	632,912	11	100	400
ACHAA212C	M10 x 70 Ø12	860,123	14	50	200

CH-AF A2

Stainless steel A2 forged eye bolt



02 Technical info. P. 353

Drop in anchor with internal thread for heavy loads

HE

STAINLESS STEEL



CODE	SIZE	€/100	LENGTH		
HEA4M06	M6 x 25 Ø8	97,720	25	100	4.000
HEA4M08	M8 x 30 Ø10	139,332	30	100	2.200
HEA4M10	M10 x 40 Ø12	215,675	40	50	1.000
HEA4M12	M12 x 50 Ø15	429,421	50	50	600
HEA4M16	M16 x 65 Ø20	959,572	65	25	250
HEA4M20	M20 x 80 Ø25	1.752,641	80	25	100

HE-A4

Stainless Steel A4. Option 7 ETA Assessed



02 Technical info. P. 354



Winged steel anchor for heavy-duty fixings

AC

STAINLESS STEEL



CODE	SIZE	€/100	SHIELD LENGHT		
AACCI06	M6 x 40 Ø10	421,470	40	50	1.200
AACCI08	M8 x 50 Ø14	764,214	50	50	600
AACCI10	M10 x 60 Ø16	855,151	60	25	300
AACCI12	M12 x 80 Ø20	1.582,043	80	10	120

AC-CI

Stainless steel A4 shield



02 Technical info. P. 357

Anti-spin sleeve anchor, for heavy-duty loads

HI

STAINLESS STEEL



CODE	SIZE	€/100	SHIELD LENGHT		
AHICI0645	M6 x 45 Ø12	494,953	40	100	600
AHICI0855	M8 x 55 Ø14	695,146	48	50	600
AHICI1065	M10 x 65 Ø16	928,072	59	50	300

HI-CI

Stainless steel A2 shield



02 Technical info. P. 359

AV

Screw anchor for ventilated façades

AVR

Threaded



STAINLESS STEEL



CODE	SIZE	€/100		
AVR08120	M8 x 120 Ø8	287,612	100	600
AVR08150	M8 x 150 Ø8	318,971	100	600
AVR10120	M10 x 120 Ø10	359,663	100	400
AVR10150	M10 x 150 Ø10	411,594	100	200
AVR10180	M10 x 180 Ø10	457,940	100	200

AVC

Corrugated



STAINLESS STEEL



CODE	SIZE	€/100		
AVC08120	8 x 120 Ø8	309,771	100	600
AVC08150	8 x 150 Ø8	346,757	100	600
AVC10120	10 x 120 Ø10	396,549	100	400
AVC10150	10 x 150 Ø10	454,199	100	200
AVC10180	10 x 180 Ø10	512,769	100	200

EQ

Stud bolt for chemical anchor, with nut and washer

EQ-A2

A2 Stainless steel



CHEMICAL



CODE	SIZE	€/100		
EQA208110	M8 x 110	244,501	10	240
EQA210130	M10 x 130	404,064	10	120
EQA212160	M12 x 160	669,658	10	120
EQA216190	M16 x 190	1.387,508	10	40
EQA220260	M20 x 260	2.651,893	6	12
EQA224300	M24 x 300	4.237,873	6	12
EQA230330	M30 x 330	7.731,842	6	12

EQ-A4

A4 Stainless steel



CHEMICAL



CODE	SIZE	€/100		
EQA408110	M8 x 110	308,721	10	240
EQA410130	M10 x 130	560,758	10	120
EQA412160	M12 x 160	964,607	10	120
EQA416190	M16 x 190	1.989,104	10	40
EQA420260	M20 x 260	4.600,835	6	12
EQA424300	M24 x 300	7.583,085	6	12
EQA430330	M30 x 330	13.376,617	6	12

Universal high performance nylon plug

T-NUX

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TNXA408080	8 x 80 Ø8	206,892	TX30	10	50	600
TNXA408100	8 x 100 Ø8	249,480	TX30	30	50	600
TNXA408120	8 x 120 Ø8	308,196	TX30	50	50	300
TNXA410080	10 x 80 Ø10	263,340	TX40	10	50	300
TNXA410100	10 x 100 Ø10	314,412	TX40	30	50	300
TNXA410120	10 x 120 Ø10	366,156	TX40	50	50	300
TNXA410140	10 x 140 Ø10	434,196	TX40	70	50	300

T-NUX A A4

A4 Stainless steel. Countersunk head.
ETA Assessed



02 Technical info.
P. 364



STAINLESS STEEL



CODE	SIZE	€/100			MAX. FIXTURE THICKNESS		
TNXE408080	8 x 80 Ø8	290,430	TX30	H10	10	50	600
TNXE408100	8 x 100 Ø8	344,232	TX30	H10	30	50	300
TNXE410080	10 x 80 Ø10	385,231	TX40	H13	10	50	300
TNXE410100	10 x 100 Ø10	402,318	TX40	H13	30	50	300
TNXE410120	10 x 120 Ø10	483,588	TX40	H13	50	50	300
TNXE410140	10 x 140 Ø10	564,102	TX40	H13	70	50	200

T-NUX E A4

A4 Stainless steel. Hexagonal head.
ETA Assessed



02 Technical info.
P. 364



Polyamide 6.6 Hammerfix plug. Preassembled saw-tooth screw

TC

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCA205030	5 x 30 Ø5	25,490	PZ2	5	100	2.400
TCA206040	6 x 40 Ø6	38,848	PZ2	10	100	1.200
TCA206060	6 x 60 Ø6	48,328	PZ2	30	100	1.200
TCA208060	8 x 60 Ø8	76,061	PZ3	20	100	600
TCA208080	8 x 80 Ø8	89,230	PZ3	40	100	600
TCA208100	8 x 100 Ø8	110,561	PZ3	60	100	600

TC-A2

Countersunk plug and A2 stainless steel screw



02 Technical info.
P. 366

DIN-7504-K Self-drilling screw with hexagonal head

DIN-7504-K A2

Screw. A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	12,885	7	1.000	12.000
ABEI4216	4,2 x 16	14,458	7	1.000	8.000
ABEI4219	4,2 x 19	14,982	7	1.000	8.000
ABEI4813	4,8 x 13	18,227	8	1.000	8.000
ABEI4816	4,8 x 16	17,809	8	500	6.000
ABEI4819	4,8 x 19	19,276	8	500	6.000
ABEI4825	4,8 x 25	21,582	8	500	6.000
ABEI4832	4,8 x 32	25,667	8	500	3.000
ABEI5519	5,5 x 19	26,609	8	500	6.000
ABEI5522	5,5 x 22	28,391	8	500	4.000
ABEI5525	5,5 x 25	30,173	8	500	6.000
ABEI6319	6,3 x 19	40,333	10	500	3.000
ABEI6325	6,3 x 25	45,885	10	500	3.000

ABE BIMETAL Bimetal, stainless-steel, self-drilling screw with hexagonal head

ABE BIMETAL

Screw



METAL



CODE	SIZE	€/100		DRILL CAPACITY		
BIE4825	4,8 x 25	68,341	8	1,75-4,40	500	6.000
BIE5525	5,5 x 25	78,404	8	1,75-5,25	500	6.000
BIE5532	5,5 x 32	91,996	8	1,75-5,25	500	3.000
BIE5538	5,5 x 38	95,732	8	1,75-5,25	500	3.000
BIE5550	5,5 x 50	110,495	8	1,75-5,25	500	2.000
BIE5558	5,5 x 58	122,982	8	1,75-5,25	250	1.500
BIE5565	5,5 x 65	128,544	8	1,75-5,25	250	1.500
BIE5580	5,5 x 80	151,654	8	1,75-5,25	250	1.000
BIE6325	6,3 x 25	83,663	10	2,50-6,00	500	3.000

ABE BIMETAL + ARVUL

Screw with vulcanized EPDM-steel washer



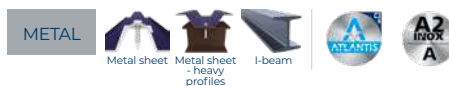
METAL



CODE	SIZE	€/100		DRILL CAPACITY		
BIE164825	4,8 x 25 P16	77,998	8	1,75-4,40	500	2.000
BIE165525	5,5 x 25 P16	90,358	8	1,75-5,25	500	2.000
BIE165532	5,5 x 32 P16	105,033	8	1,75-5,25	500	2.000
BIE165538	5,5 x 38 P16	108,119	8	1,75-5,25	500	1.500
BIE165550	5,5 x 50 P16	126,110	8	1,75-5,25	500	1.500
BIE165558	5,5 x 58 P16	135,685	8	1,75-5,25	250	1.500
BIE165565	5,5 x 65 P16	141,210	8	1,75-5,25	250	1.500
BIE165580	5,5 x 80 P16	164,326	8	1,75-5,25	250	1.000
BIE166325	6,3 x 25 P16	96,116	10	2,50-6,00	500	2.000

Bimetal, stainless steel, self-drilling screw for beam with hexagonal head

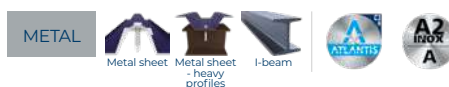
AUTO BIMETAL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BAUTO5540	5,5 x 40	106,411	8	10	4,00-12,00	500	3.000
BAUTO5550	5,5 x 50	151,095	8	20	4,00-12,00	500	3.000
BAUTO5565	5,5 x 65	157,847	8	35	4,00-12,00	250	1.500
BAUTO5580	5,5 x 80	198,405	8	50	4,00-12,00	250	1.000
BAUTO5510	5,5 x 100	200,631	8	70	4,00-12,00	100	600

AUTO BIMETAL

Screw



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BAUTO165540	5,5 x 40 P16	128,867	8	8	4,00-12,00	500	1.500
BAUTO165550	5,5 x 50 P16	174,209	8	18	4,00-12,00	500	1.500
BAUTO165565	5,5 x 65 P16	179,998	8	33	4,00-12,00	250	1.500
BAUTO165580	5,5 x 80 P16	211,561	8	48	4,00-12,00	250	1.000
BAUTO165510	5,5 x 100 P16	223,048	8	68	4,00-12,00	100	600

AUTO BIMETAL + ARVUL

Screw with vulcanized EPDM-steel washer



Self-drilling screw with hexagonal head for sandwich panels

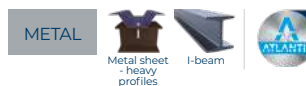
PS



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PS1955195	5,5/6,3 x 195 P19	229,680	8	185	1,50-6,00	200	400
PS1955230	5,5/6,3 x 230 P19	322,412	8	215	1,50-6,00	200	-

PS 3 + ARVUL A2

Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
PSL1955255	5,5 / 6,3 x 255 P19	449,003	8	210	6,00-12,00	200	400
PSL1955285	5,5 / 6,3 x 285 P19	789,084	8	250	6,00-12,00	200	-

PS 5 + ARVUL A2

Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer



ARVUL

Vulcanized EPDM-steel washer

ARVUL A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	8,302	2,5	1.000	12.000
ARINO16	P16	9,390	2,7	1.000	6.000
ARINO18	P18	11,814	3,2	1.000	6.000
ARINO25	P25	21,843	3,3	500	3.000
ARINOM30	P30	30,529	6,3	500	1.500



* ARINOM30: Specially recommended for MTH-A2, Ø6

DIN-7504-N HP

Panhead self-drilling screw and PH recess

DIN-7504-N HP A2

A2 Stainless steel. PH recess.

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
ABRA23509	3,5 x 9,5	8,223	PH2	2,85	0,70-2,25	1.000	24.000
ABRA23513	3,5 x 13	9,922	PH2	6,2	0,70-2,25	500	12.000
ABRA23519	3,5 x 19	12,158	PH2	12,1	0,70-2,25	500	12.000
ABRA24213	4,2 x 13	11,620	PH2	4,3	1,75-3,00	500	12.000
ABRA24216	4,2 x 16	13,021	PH2	7,3	1,75-3,00	500	12.000
ABRA24219	4,2 x 19	13,856	PH2	10,3	1,75-3,00	500	12.000
ABRA24225	4,2 x 25	14,553	PH2	16,3	1,75-3,00	250	6.000
ABRA24816	4,8 x 16	18,231	PH2	5,5	1,75-4,40	250	6.000
ABRA24819	4,8 x 19	17,860	PH2	8,7	1,75-4,40	250	6.000
ABRA24825	4,8 x 25	19,843	PH2	14,7	1,75-4,40	250	6.000
ABRA24832	4,8 x 32	23,227	PH2	21,5	1,75-4,40	250	4.000
ABRA24838	4,8 x 38	25,428	PH2	27,5	1,75-4,40	250	3.000
ABRA24850	4,8 x 50	29,435	PH2	39,5	1,75-4,40	250	3.000

BCP

Extra low head self-drilling screw and PH recess

BCP A2

A2 Stainless steel. PH recess.

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS	DRILL CAPACITY		
BCPA24214	4,2 x 14	18,724	PH2	6	0,70-2,00	500	12.000

CP

Extra low head self-tapping screw and PH recess

CP A2

A2 Stainless steel. PH recess.

STAINLESS STEEL



CODE	SIZE	€/100		MAX. FIXTURE THICKNESS		
TCPA24213	4,2 x 13	8,302	PH2	6	500	12.000
TCPA24222	4,2 x 22	16,107	PH2	15	500	12.000
TCPA24232	4,2 x 32	20,629	PH2	25	500	6.000

High-performance chipboard screw

TEX

STAINLESS STEEL



CODE	SIZE	€/100			
TEXA250050	5 x 50	24,395	TX25	250	3.000
TEXA250060	5 x 60	29,313	TX25	100	2.400
TEXA250070	5 x 70	33,222	TX25	100	2.400



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTXA250050	5 x 50	2,345	4	20
BZTXA250060	5 x 60	2,345	4	20
BZTXA250070	5 x 70	2,345	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTEXA250050	5 x 50	6,524	20	8
VTEXA250060	5 x 60	7,838	20	8
VTEXA250070	5 x 70	8,885	20	8



TEX-A2

A2 Stainless steel. TX recess



Countersunk head chipboard screw. PZ

TP-A2

STAINLESS STEEL



CODE	SIZE	€/100			
TPA230016	3 x 16	3,854	PZ1	200	9.000
TPA230025	3 x 25	4,925	PZ1	200	9.000
TPA235020	3,5 x 20	6,500	PZ2	200	9.000
TPA235025	3,5 x 25	7,021	PZ2	200	9.000
TPA235030	3,5 x 30	8,750	PZ2	200	9.000
TPA235040	3,5 x 40	12,436	PZ2	200	4.800
TPA240030	4 x 30	10,633	PZ2	200	9.000
TPA240040	4 x 40	12,555	PZ2	200	4.800
TPA240050	4 x 50	19,705	PZ2	200	4.800
TPA245030	4,5 x 30	12,485	PZ2	200	4.800
TPA245050	4,5 x 50	19,947	PZ2	200	2.400
TPA250050	5 x 50	25,155	PZ2	200	2.400
TPA250070	5 x 70	34,283	PZ2	200	2.400



DIN-571

Coach wood screw with hexagonal head



DIN-571 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100			
TBA206040	6 x 40	31,157	10	100	2.400
TBA206050	6 x 50	37,065	10	100	1.200
TBA206060	6 x 60	42,154	10	100	1.200
TBA206070	6 x 70	47,656	10	100	1.200
TBA208050	8 x 50	69,139	13	100	1.200
TBA208060	8 x 60	76,087	13	100	1.200
TBA208070	8 x 70	85,964	13	100	600
TBA208080	8 x 80	96,250	13	100	600
TBA210080	10 x 80	162,876	17	100	400

INV

Tamperproof screw with TX recess




INV A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100			
•INVA27050	7 x 50	80,549	TX40	100	1.200
•INVA27060	7 x 60	93,377	TX40	100	600
INVA27070	7 x 70	95,666	TX40	100	600
INVA27080	7 x 80	105,623	TX40	100	600

• Non-approved sizes

Hexagonal bolt with thread up to the head.

DIN-933

STAINLESS STEEL



DIN-933 A2 **NEW**

A2 Stainless steel



CODE	SIZE	€/100			
D933IM04010	M4 x 10	10,005	7	500	12.000
D933IM04016	M4 x 16	11,988	7	500	12.000
D933IM04020	M4 x 20	13,790	7	500	8.000
D933IM04025	M4 x 25	14,872	7	500	8.000
D933IM04030	M4 x 30	17,035	7	500	6.000
D933IM04035	M4 x 35	20,911	7	250	6.000
D933IM04040	M4 x 40	23,254	7	250	6.000
D933IM05010	M5 x 10	10,455	8	500	8.000
D933IM05016	M5 x 16	12,258	8	500	-
D933IM05020	M5 x 20	13,881	8	500	6.000
D933IM05025	M5 x 25	15,954	8	500	4.000
D933IM05030	M5 x 30	18,477	8	500	4.000
D933IM05035	M5 x 35	20,460	8	250	3.000
D933IM05040	M5 x 40	22,984	8	250	3.000
D933IM05050	M5 x 50	28,122	8	250	3.000
D933IM06010	M6 x 10	17,541	10	250	6.000
D933IM06016	M6 x 16	18,581	10	250	4.000
D933IM06020	M6 x 20	21,528	10	250	4.000
D933IM06025	M6 x 25	22,367	10	250	3.000
D933IM06030	M6 x 30	25,986	10	250	3.000
D933IM06035	M6 x 35	29,387	10	250	2.000
D933IM06040	M6 x 40	32,483	10	250	2.000
D933IM06050	M6 x 50	38,546	10	250	1.500
D933IM08016	M8 x 16	34,289	13	200	1.600
D933IM08020	M8 x 20	37,166	13	200	1.600
D933IM08025	M8 x 25	41,957	13	200	1.600
D933IM08030	M8 x 30	46,647	13	200	1.200
D933IM08035	M8 x 35	51,327	13	200	1.200
D933IM08040	M8 x 40	56,656	13	200	1.200
D933IM08050	M8 x 50	68,172	13	200	800
D933IM08060	M8 x 60	77,806	13	200	800
D933IM08070	M8 x 70	93,239	13	200	800
D933IM08080	M8 x 80	106,569	13	100	600
D933IM08090	M8 x 90	118,071	13	100	600
D933IM08100	M8 x 100	132,475	13	100	600
D933IM10020	M10 x 20	69,860	17	200	800
D933IM10025	M10 x 25	73,268	17	200	800
D933IM10030	M10 x 30	80,291	17	200	800
D933IM10035	M10 x 35	87,533	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	92,435	17	200	-
D933IM10050	M10 x 50	110,115	17	200	-
D933IM10060	M10 x 60	126,100	17	100	600
D933IM10070	M10 x 70	142,241	17	100	400
D933IM10080	M10 x 80	167,367	17	100	400
D933IM10090	M10 x 90	188,559	17	50	300
D933IM10100	M10 x 100	212,756	17	50	300
D933IM12020	M12 x 20	114,684	19	100	600
D933IM12030	M12 x 30	119,288	19	100	600
D933IM12040	M12 x 40	134,437	19	100	400
D933IM12050	M12 x 50	155,144	19	100	400
D933IM12060	M12 x 60	176,831	19	100	400
D933IM12070	M12 x 70	198,744	19	100	-
D933IM12080	M12 x 80	248,328	19	50	300
D933IM12090	M12 x 90	271,873	19	50	300
D933IM12100	M12 x 100	295,429	19	25	150
D933IM14030	M14 x 30	224,782	22	50	-
D933IM14040	M14 x 40	246,189	22	50	300
D933IM14050	M14 x 50	280,443	22	50	300
D933IM14060	M14 x 60	318,975	22	50	200
D933IM14070	M14 x 70	355,368	22	50	200
D933IM14080	M14 x 80	381,715	22	25	150
D933IM14100	M14 x 100	523,553	22	25	150
D933IM16030	M16 x 30	248,217	24	50	300
D933IM16040	M16 x 40	257,709	24	50	200
D933IM16050	M16 x 50	293,914	24	50	200
D933IM16060	M16 x 60	334,377	24	50	200
D933IM16070	M16 x 70	372,712	24	25	150
D933IM16080	M16 x 80	413,175	24	25	150
D933IM16090	M16 x 90	487,587	24	25	150
D933IM16100	M16 x 100	528,174	24	25	100
D933IM18030	M18 x 30	496,239	27	25	100
D933IM18040	M18 x 40	524,850	27	25	200
D933IM18050	M18 x 50	573,331	27	25	150
D933IM18060	M18 x 60	640,772	27	25	150
D933IM18070	M18 x 70	712,424	27	25	100
D933IM18080	M18 x 80	779,889	27	25	100
D933IM18090	M18 x 90	847,343	27	25	100
D933IM18100	M18 x 100	914,794	27	25	100



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ3I04010	M4 x 10	2,345	6	20
BZ3I04016	M4 x 16	2,345	6	20
BZ3I04020	M4 x 20	2,345	6	20
BZ3I04030	M4 x 30	2,345	6	20
BZ3I04040	M4 x 40	2,345	6	20
BZ3I05010	M5 x 10	2,345	6	20
BZ3I05016	M5 x 16	2,345	6	20
BZ3I05020	M5 x 20	2,345	6	20
BZ3I05030	M5 x 30	2,345	6	20
BZ3I05040	M5 x 40	2,345	6	20
BZ3I05050	M5 x 50	2,345	6	20
BZ3I06010	M6 x 10	2,277	6	20
BZ3I06016	M6 x 16	2,345	6	20
BZ3I06020	M6 x 20	2,345	6	20
BZ3I06025	M6 x 25	2,345	6	20
BZ3I06030	M6 x 30	2,345	6	20
BZ3I06040	M6 x 40	2,345	6	20
BZ3I06050	M6 x 50	2,345	6	20
BZ3I08016	M8 x 16	2,345	4	20
BZ3I08020	M8 x 20	2,345	4	20
BZ3I08025	M8 x 25	2,345	4	20
BZ3I08030	M8 x 30	2,345	4	20
BZ3I08040	M8 x 40	2,345	4	20
BZ3I08050	M8 x 50	2,345	4	20
BZ3I08060	M8 x 60	2,345	4	20
BZ3I10020	M10 x 20	2,345	2	20
BZ3I10030	M10 x 30	2,345	2	20
BZ3I10040	M10 x 40	2,345	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD933I04010	M4 x 10	5,351	40	8
VD933I04016	M4 x 16	6,411	40	8
VD933I04020	M4 x 20	7,107	40	8
VD933I04030	M4 x 30	6,833	30	8
VD933I04040	M4 x 40	7,485	25	8
VD933I05010	M5 x 10	5,592	40	8
VD933I05016	M5 x 16	6,556	40	8
VD933I05020	M5 x 20	7,423	40	8
VD933I05030	M5 x 30	4,941	20	8
VD933I05040	M5 x 40	6,146	20	8
VD933I05050	M5 x 50	3,948	10	8
VD933I06010	M6 x 10	7,036	30	8
VD933I06016	M6 x 16	7,177	30	8
VD933I06020	M6 x 20	8,315	30	8
VD933I06025	M6 x 25	7,200	25	8
VD933I06030	M6 x 30	8,365	25	8
VD933I06040	M6 x 40	6,515	15	8
VD933I06050	M6 x 50	5,154	10	8
VD933I08016	M8 x 16	9,169	20	8
VD933I08020	M8 x 20	9,938	20	8
VD933I08025	M8 x 25	11,220	20	8
VD933I08030	M8 x 30	9,355	15	8
VD933I08040	M8 x 40	7,575	10	8
VD933I08050	M8 x 50	9,114	10	8
VD933I08060	M8 x 60	10,403	10	8
VD933I10020	M10 x 20	9,340	10	8
VD933I10030	M10 x 30	10,735	10	8
VD933I10040	M10 x 40	12,359	10	8
VD933I10050	M10 x 50	14,723	10	8
VD933I10060	M10 x 60	16,860	10	8

DIN-934

Hexagonal nut. A2 Stainless steel

NEW **DIN-934 A2**

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	3,924	7	500	22,500
D934IM05	M5	4,535	8	500	12,000
D934IM06	M6	7,485	10	500	12,000
D934IM08	M8	15,186	13	250	4,000
D934IM10	M10	33,880	17	250	2,000
D934IM12	M12	49,673	19	250	1,500
D934IM14	M14	71,396	22	100	800
D934IM16	M16	100,192	24	100	600
D934IM18	M18	159,358	27	100	600
D934IM20	M20	209,241	30	50	400
D934IM22	M22	289,217	32	50	300
D934IM24	M24	375,977	36	25	200



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934IM04	M4	2,345	10	20
BZ934IM05	M5	2,345	8	20
BZ934IM06	M6	2,345	8	20
BZ934IM08	M8	2,345	6	20
BZ934IM10	M10	2,345	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD934IM04	M4	2,944	50	8
VD934IM05	M5	3,402	50	8
VD934IM06	M6	5,052	50	8
VD934IM08	M8	6,150	30	8
VD934IM10	M10	9,147	20	8

DIN-985

Nylon insert nut

NEW **DIN-985 A2**

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	7,265	7	500	8,000
D985IM05	M5	7,828	8	500	8,000
D985IM06	M6	11,055	10	500	8,000
D985IM08	M8	21,795	13	250	4,000
D985IM10	M10	46,419	17	250	2,000
D985IM12	M12	72,158	19	100	1,200
D985IM14	M14	128,990	22	100	800
D985IM16	M16	156,340	24	50	600
D985IM18	M18	357,788	27	50	400
D985IM20	M20	458,865	30	25	300
D985IM22	M22	1,038,611	32	25	300
D985IM24	M24	1,400,354	36	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ985IM04	M4	2,345	10	20
BZ985IM05	M5	2,345	8	20
BZ985IM06	M6	2,345	8	20
BZ985IM08	M8	2,345	6	20
BZ985IM10	M10	2,345	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD985IM04	M4	4,904	50	8
VD985IM05	M5	5,284	50	8
VD985IM06	M6	7,462	50	8
VD985IM08	M8	8,827	30	8
VD985IM10	M10	12,533	20	8

STAINLESS STEEL



DIN-125 A2 NEW

A2 Stainless steel



CODE	SIZE	€/100		
D125IM04	M4	1,167	500	22.500
D125IM05	M5	1,542	500	22.500
D125IM06	M6	2,798	500	22.500
D125IM08	M8	4,800	250	11.250
D125IM10	M10	9,167	250	6.000
D125IM12	M12	16,308	250	3.000
D125IM14	M14	25,561	200	2.400
D125IM16	M16	28,222	100	2.400
D125IM18	M18	41,852	100	1.600
D125IM20	M20	44,448	50	1.200
D125IM22	M22	52,702	50	1.200
D125IM24	M24	92,216	50	600



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZ125IM04	M4	2,345	10	20
BZ125IM05	M5	2,345	8	20
BZ125IM06	M6	2,345	8	20
BZ125IM08	M8	2,345	6	20
BZ125IM10	M10	2,345	5	20

CODE	SIZE	€/BOX	PCS.	BOXES
VD125IM04	M4	2,913	100	8
VD125IM05	M5	2,924	75	8
VD125IM06	M6	3,693	75	8
VD125IM08	M8	3,851	50	8
VD125IM10	M10	6,420	50	8

STAINLESS STEEL



DIN-9021 A2 NEW

A2 Stainless steel



CODE	SIZE	€/100		
D9021IM04	M4	2,101	500	2.250
D9021IM05	M5	3,845	500	12.000
D9021IM06	M6	6,966	500	8.000
D9021IM08	M8	13,733	200	4.800
D9021IM10	M10	31,072	100	1.600
D9021IM12	M12	53,594	100	800
D9021IM14	M14	97,987	100	800
D9021IM16	M16	117,042	50	600
D9021IM18	M18	209,571	50	400
D9021IM20	M20	234,964	25	300
D9021IM22	M22	242,050	25	200
D9021IM24	M24	278,358	25	150



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZ9021IM04	M4	2,345	10	20
BZ9021IM05	M5	2,345	8	20
BZ9021IM06	M6	2,345	8	20
BZ9021IM08	M8	2,345	6	20
BZ9021IM10	M10	2,345	5	20

CODE	SIZE	€/BOX	PCS.	BOXES
VD9021IM04	M4	3,152	100	8
VD9021IM05	M5	3,893	75	8
VD9021IM06	M6	7,053	75	8
VD9021IM08	M8	7,416	40	8
VD9021IM10	M10	8,389	20	8

AB-RE A2

Reinforced pipe clamp M8 + M10. A2 Stainless steel



02 Technical info.
P. 3/8

REINFORCED

M8 + M10



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA2018	18	300,059	3/8"	15 - 18	150	50	300
ABREA2022	22	315,557	1/2"	20 - 24	150	50	200
ABREA2028	28	346,436	3/4"	26 - 30	150	50	150
ABREA2035	35	362,494	1"	32 - 36	150	50	100
ABREA2040	40	383,700	1 1/4"	36 - 42	150	25	100
ABREA2048	48	404,533	1 1/2"	47 - 50	150	25	100
ABREA2054	54	427,227	-	51 - 55	150	25	75
ABREA2060	60	454,370	2"	60 - 64	150	25	75
ABREA2075	75	514,673	2 1/2"	75 - 80	150	25	50
ABREA2090	90	592,178	3"	87 - 92	150	25	-
ABREA2110	110	640,652	-	106 - 112	150	25	-
ABREA2115	115	668,269	4"	114 - 119	150	25	-
ABREA2125	125	716,779	4 1/2"	124 - 131	150	25	-
ABREA2140	140	792,254	5"	133 - 140	150	25	-
ABREA2160	160	904,181	6"	159 - 163	150	25	-
ABREA2200	200	1.261,227	-	199 - 212	150	25	-

AB-RE A4

Reinforced pipe clamp M8 + M10. A4 Stainless steel



02 Technical info.
P. 3/8

REINFORCED

M8 + M10



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA4018	18	383,921	3/8"	15 - 18	150	50	300
ABREA4022	22	405,906	1/2"	20 - 24	150	50	200
ABREA4028	28	433,513	3/4"	26 - 30	150	50	150
ABREA4035	35	452,870	1"	32 - 36	150	50	100
ABREA4040	40	485,787	1 1/4"	36 - 42	150	25	100
ABREA4048	48	524,830	1 1/2"	47 - 50	150	25	100
ABREA4054	54	547,547	-	51 - 55	150	25	75
ABREA4060	60	583,677	2"	60 - 64	150	25	75
ABREA4075	75	647,587	2 1/2"	75 - 80	150	25	50
ABREA4090	90	710,117	3"	87 - 92	150	25	-
ABREA4110	110	817,710	-	106 - 112	150	25	-
ABREA4115	115	877,277	4"	114 - 119	150	25	-
ABREA4125	125	924,228	4 1/2"	124 - 131	150	25	-
ABREA4140	140	1.094,026	5"	133 - 140	150	25	-
ABREA4160	160	1.200,895	-	159 - 163	150	25	-
ABREA4200	200	1.457,247	-	199 - 212	150	25	-

Reinforced isophonic pipe clamp M8 + M10. A2
Stainless steel

AB-RI A2

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRIA2018	18	386,982	3/8"	15 - 18	150	50	200
ABRIA2022	22	397,661	1/2"	20 - 24	150	50	150
ABRIA2028	28	415,357	3/4"	26 - 30	150	50	150
ABRIA2035	35	436,993	1"	32 - 36	150	50	100
ABRIA2040	40	460,812	1 1/4"	36 - 42	150	25	75
ABRIA2048	48	488,387	1 1/2"	47 - 50	150	25	75
ABRIA2054	54	533,216	-	51 - 55	150	25	50
ABRIA2060	60	562,163	2"	60 - 64	150	25	50
ABRIA2075	75	633,323	2 1/2"	75 - 80	150	25	-
ABRIA2090	90	684,743	3"	87 - 92	150	25	-
ABRIA2110	110	761,437	-	106 - 112	150	25	-
ABRIA2115	115	782,540	4"	114 - 119	150	25	-
ABRIA2125	125	843,414	4 1/2"	124 - 131	150	25	-
ABRIA2140	140	873,236	5"	133 - 140	150	25	-
ABRIA2160	160	979,729	6"	159 - 163	150	25	-



02 Technical info. P. 378

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

REINFORCED



M8 + M10



Reinforced isophonic pipe clamp M8 + M10. A4
Stainless steel

AB-RI A4

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRIA4018	18	458,937	3/8"	15 - 18	150	50	200
ABRIA4022	22	482,477	1/2"	20 - 24	150	50	150
ABRIA4028	28	503,621	3/4"	26 - 30	150	50	150
ABRIA4035	35	541,329	1"	32 - 36	150	50	100
ABRIA4040	40	583,476	1 1/4"	36 - 42	150	25	75
ABRIA4048	48	627,300	1 1/2"	47 - 50	150	25	75
ABRIA4054	54	658,338	-	51 - 55	150	25	50
ABRIA4060	60	719,617	2"	60 - 64	150	25	50
ABRIA4075	75	787,337	2 1/2"	75 - 80	150	25	-
ABRIA4090	90	863,884	3"	87 - 92	150	25	-
ABRIA4110	110	1.018,557	-	106 - 112	150	25	-
ABRIA4115	115	1.058,908	4"	114 - 119	150	25	-
ABRIA4125	125	1.121,789	4 1/2"	124 - 131	150	25	-
ABRIA4140	140	1.216,507	5"	133 - 140	150	25	-
ABRIA4160	160	1.393,615	6"	159 - 163	150	25	-



02 Technical info. P. 378

CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

REINFORCED



M8 + M10



AB-ZI

U-bolt

NEW AB-ZI A2

A2 Stainless steel



CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUM LOAD		
AZA2060500	M6	94,087	1/2"	250	100	600
AZA2060750	M6	109,377	3/4"	250	100	600
AZA2061000	M6	134,750	1"	250	100	400
AZA2061250	M6	159,553	1 1/4"	250	50	300
AZA2081500	M8	277,263	1 1/2"	350	50	150
AZA2082000	M8	322,497	2"	350	50	150
AZA2082500	M8	363,360	2 1/2"	350	50	100
AZA2083000	M8	394,943	3"	350	50	100
AZA2104000	M10	803,553	4"	350	50	-
AZA2106000	M10	1.036,353	6"	350	25	-
AZA2108000	M10	1.239,823	8"	350	25	-

AB-M6 A2

Pipe clamp M6. A2 Stainless steel



02 Technical info. P. 383

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD			
ABM6A2012	12 (M6)	169,862	1/4"	12	70	100	1.200	
ABM6A2015	15 (M6)	172,932	-	14 - 15	70	100	600	
ABM6A2018	18 (M6)	176,003	3 / 8"	16 - 18	70	100	600	
ABM6A2020	20 (M6)	179,524	1 / 2"	19 - 21	70	100	600	
ABM6A2022	22 (M6)	181,790	-	22 -24	70	100	600	
ABM6A2028	28 (M6)	192,004	3/4"	25 - 30	70	100	400	

AB-SF A2

Hose clamp. Stainless steel A2



02 Technical info. P. 383

Embossed washer

For several Ø



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES			
ASF2010016	10-16	82,572	-	100	1.200	
ASF2012020	12-20	84,625	1/2" - 7/8"	100	600	
ASF2016027	16-27	88,281	5/8" - 1 1/16"	100	600	
ASF2020032	20-32	99,567	3/4" - 1 1/4"	100	600	
ASF2025040	25-40	108,792	1" - 1 5/8"	100	200	
ASF2032050	32-50	151,420	1 3/8" - 2"	100	300	
ASF2040060	40-60	160,777	1 5/8" - 2 3/8"	100	200	
ASF2050070	50-70	167,793	2" - 2 3/4"	50	100	
ASF2060080	60-80	176,387	2 3/8" - 3 1/8"	50	100	
ASF2070090	70-90	185,763	2 3/4" - 3 1/2"	50	100	
ASF2080100	80-100	191,990	3 1/8" - 4"	50	100	
ASF2090110	90-110	223,893	3 1/2" - 4 3/8"	50	50	
ASF2100120	100-120	232,683	4" - 4 3/4"	25	25	
ASF2110130	110-130	241,450	4 3/8" - 5 1/8"	25	25	
ASF2120140	120-140	253,747	4 3/4" - 5 1/2"	25	25	
ASF2130150	130-150	263,407	5 1/8" - 5 7/8"	25	25	

Stainless Steel hose clamp roll

AB-SF IR A2



CODE	SIZE	€/PC		
ASFIR03	3m. + Heads	11,667	1	50

AB-SF IR A2 NEW

Kit



CODE	SIZE	€/100		
ASFIRCA	Head	83,333	50	1.000

AB-SF IRC A2 NEW

Head



CODE	SIZE	€/PC		
ASFIR30	30M.	41,667	1	10

AB-SF IRR A2 NEW

30 meters



Round fixing band

CI-PE

STAINLESS STEEL



CODE	SIZE	€/PC	MIN. ORDER QTY		
CIPEA21708	17 x 0,8 x 10 m	28,610	1	1	30

CI-PE A2

A2 Stainless steel



02
P. 389
Technical info.



SA

Sanitary fixings

SA-IL

Stainless steel WC and bidet fixing kit with long nylon plug



2 PCS
x KIT



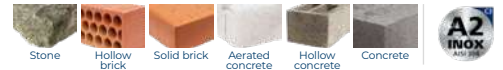
CODE	SIZE	€/KIT	KITS X
SAIL06080	M6 x 80	2,506	100

SA-CI

Cistern fixing kit



2 PCS
x KIT



CODE	SIZE	€/KIT	KITS X
SACI06080	M6 x 80	4,666	100

ALSO AVAILABLE
easykits

GP

Type "C" profiles for light loads

GP-A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
GPI271812	27 x 18 x 1,25 x 2000	7.365,897	2.000	10
GPI283015	28 x 30 x 1,50 x 2000	17.651,863	2.000	6

EG

Accessories for type "C" profiles

EG-A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
EMI45	50 x 50 45°	460,333	27/18 - 28/30 - 38/40	50	200
EMI90	54 x 54 90°	460,333	27/18 - 28/30 - 38/40	50	-
EMI00	100 180°	456,383	27/18 - 28/30 - 38/40	50	200

Accessories for type "C" profiles

PG

STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
PGI2718	27 / 18 x 81	224,533	27/18	50	300
PGI2830	28 / 30 x 81	258,213	28/30	50	200
PGI3840	38 / 40 x 93	314,347	38/40	50	100

PG-A2

A2 Stainless steel



Threaded rod

RV

STAINLESS STEEL



CODE	SIZE	€/100	PITCH	
975A2M04	M4 x 1000	273,023	0,7	1
975A2M05	M5 x 1000	337,273	0,8	1
975A2M06	M6 x 1000	465,660	1	1
975A2M08	M8 x 1000	755,677	1,25	1
975A2M10	M10 x 1000	1.094,707	1,5	1
975A2M12	M12 x 1000	1.666,570	1,75	1
975A2M14	M14 x 1000	2.918,370	2	1
975A2M16	M16 x 1000	3.369,907	2	1
975A2M18	M18 x 1000	3.676,260	2,5	1
975A2M20	M20 x 1000	5.073,237	2,5	1
975A2M22	M22 x 1000	5.930,427	2,5	1
975A2M24	M24 x 1000	8.005,230	3	1
975A2M27	M27 x 1000	9.647,960	3	1
975A2M30	M30 x 1000	15.015,477	3,5	1
975A2M33	M33 x 1000	18.851,043	3,5	1
975A2M36	M36 x 1000	21.681,760	4	1

RV-A2

A2 Stainless steel



TM.

Coupling nut

MA

STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
MARI0830	M8 x 30	180,563	30	100
MARI1030	M10 x 30	248,580	30	100

MARI

Coupling nut. Round. A2 Stainless steel



Threaded screws for clamps

AB-TA

STAINLESS STEEL



CODE	SIZE	€/100		
ABTA20630	M6 x 30	65,787	100	2.400

AB-TA A2

A2 Stainless steel. Slotted



02 Technical info. p. 339

ES-DR

Double threaded screw

ES-DA2

A2 Stainless steel. Tx

STAINLESS STEEL



02 Technical info. P. 401

CODE	SIZE	€/100		
ESDA208060	M8 x 60	100,048	100	800
ESDA210060	M10 x 60	186,117	100	800

RE

Rivets

RE-IN

Panhead. A2 Stainless steel

STAINLESS STEEL



CODE	SIZE	€/100	DRILL Ø	MAX. FIXTURE THICKNESS		
REIN3206	3,2 x 6,4	17,143	3,3	0,5 – 3	500	6.000
REIN3208	3,2 x 8	18,341	3,3	3 – 5	500	6.000
REIN3212	3,2 x 12,7	27,024	3,3	6,5 – 8,5	500	6.000
REIN3215	3,2 x 15,9	32,651	3,3	10,5 – 12,5	500	6.000
REIN4008	4 x 8,5	30,783	4,1	2,5 – 4,5	500	6.000
REIN4010	4 x 10,2	32,761	4,1	4,5 – 6,5	500	6.000
REIN4012	4 x 12	37,125	4,1	6,5 – 8,5	500	6.000
REIN4016	4 x 16	44,953	4,1	10 – 12	500	3.000
REIN4810	4,8 x 10,8	45,289	5	4 – 6	500	3.000
REIN4812	4,8 x 12	49,502	5	6 – 8	500	3.000
REIN4816	4,8 x 16	60,863	5	8 – 11	250	3.000
REIN4820	4,8 x 20,3	85,397	5	11 – 13	250	3.000
REIN4818	4,8 x 18	65,075	5	13 – 15	250	3.000

PF

Flat bar for fixation

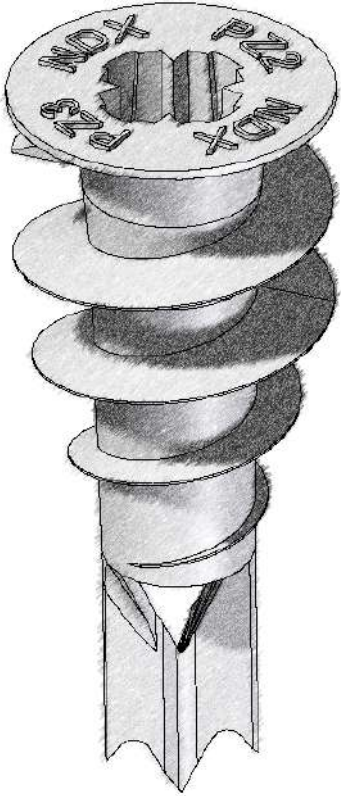
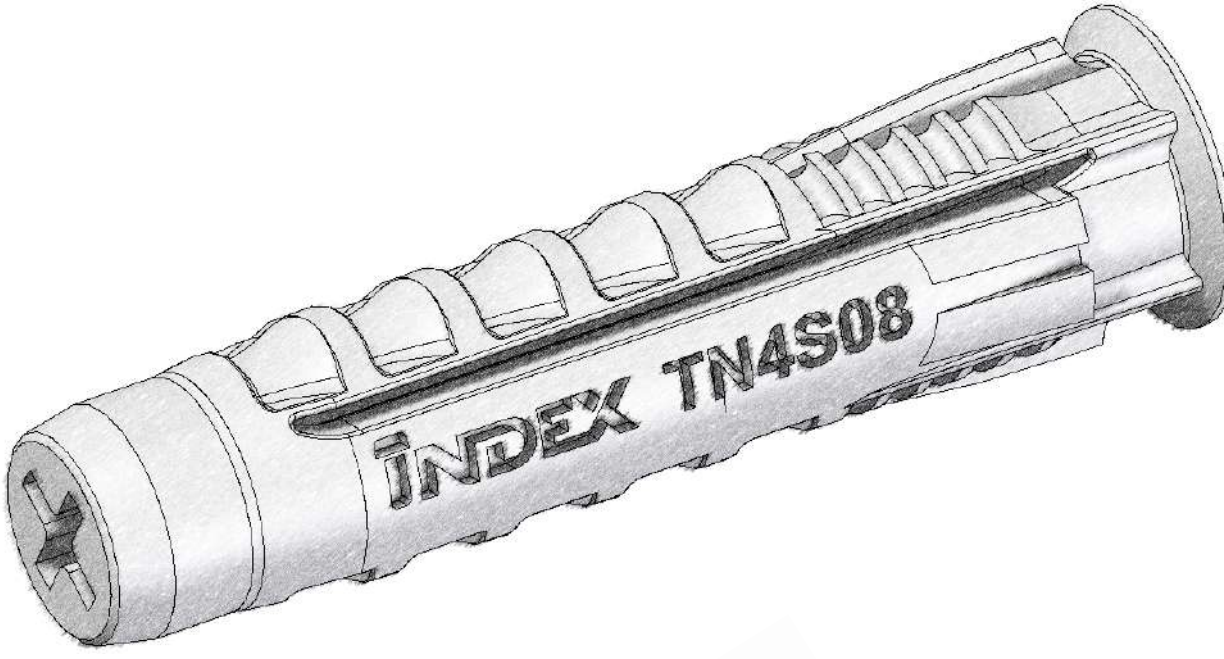
PF-A4

A4 Stainless steel

STAINLESS STEEL



CODE	SIZE	€/100		
PFA4M0800	M8	254,587	100	600
PFA4M0810	M8 + M10	303,437	100	600
PFA4M1000	M10	290,853	100	600



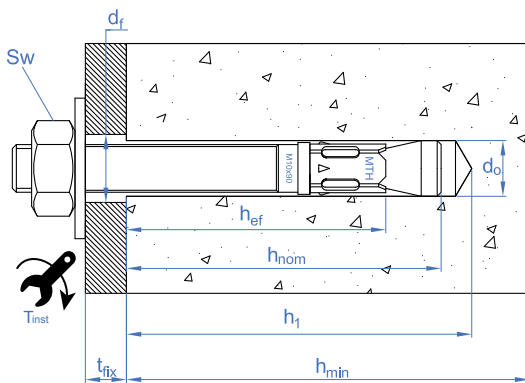
TECHNICAL INFORMATION

TECHNICAL INSTALLATION PARAMETERS

On the following pages, you will find a series of quick reference points that will help you to choose the right product for your installation. If you would like further information, please refer to our technical documentation, which is available at: www.indexfix.com

The first points are descriptive and help us to understand the geometry of the anchorage and its corresponding reference code. The next ones are product installation parameters, using mm as units of distance, kg for the maximum recommended loads and Nm for the tightening torque of the anchors.

The majority of the products come with a dimensioned sketch, and the meaning of these levels for the anchors are described below:



d_o	bit or drill diameter [mm]
h_1	minimum drill or hole depth [mm]
h_{min}	minimum base material thickness [mm]
d_f	diameter of hole in the fixture [mm]
h_{nom}	anchor installation depth [mm]
t_{fix}	maximum fixture thickness [mm]
t_{inst}	tightening torque required for the correct anchor expansion [Nm]
C_{cr}	critical edge distance [mm]
S_c	critical distance between anchors [mm]
h_{ef}	effective anchor depth [mm]
SW	installation wrench or distance between the nut faces [mm]

EXTRACTION

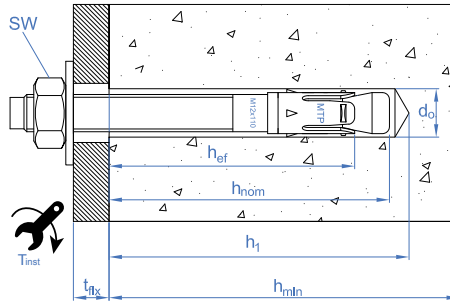
Maximum recommended tensile load that the anchor can resist. This has been calculated by applying a safety factor of 1.4 to the anchor's resistance of calculation and it is expressed in kg. This factor is applicable for cracked and non-cracked concrete. The safety factor for other materials can reach 2.5.

SHEARING

Maximum recommended shear load that the anchor can resist. This has been calculated by applying a safety factor of 1.4 to the anchor's resistance of calculation and it is expressed in kg. This factor is applicable for cracked and non-cracked concrete. The safety factor for other materials can reach 2.5.

MTP

Through bolt anchor for heavy loads



MTP

Option 1 ETA Assessed, Zinc-plated shaft, A4 Stainless clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIS LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
AP08050	M8 x 50	2	8	40	37	13	20	A	9	100	72	144	182	402	130	287
AP08075	M8 x 75	9	8	60	55	13	20	C	9	100	72	144	364	641	202	581
AP08095	M8 x 95	29	8	60	55	13	20	E	9	100	72	144	364	641	202	581
AP08115	M8 x 115	49	8	60	55	13	20	G	9	100	72	144	364	641	202	581
AP10090	M10 x 90	10	10	75	68	17	40	E	12	120	90	180	777	1014	437	1014
AP10105	M10 x 105	25	10	75	68	17	40	F	12	120	90	180	777	1014	437	1014
AP10115	M10 x 115	35	10	75	68	17	40	G	12	120	90	180	777	1014	437	1014
AP10135	M10 x 135	55	10	75	68	17	40	H	12	120	90	180	777	1014	437	1014
AP10165	M10 x 165	85	10	75	68	17	40	K	12	120	90	180	777	1014	437	1014
AP10185	M10 x 185	105	10	75	68	17	40	L	12	120	90	180	777	1014	437	1014
AP12080	M12 x 80	4	12	65	60	19	60	D	14	140	105	210	585	1474	417	1236
AP12100	M12 x 100	4	12	85	80	19	60	E	14	140	105	210	971	1474	582	1474
AP12110	M12 x 110	14	12	85	80	19	60	F	14	140	105	210	971	1474	582	1474
AP12120	M12 x 120	24	12	85	80	19	60	G	14	140	105	210	971	1474	582	1474
AP12130	M12 x 130	34	12	85	80	19	60	H	14	140	105	210	971	1474	582	1474
AP12150	M12 x 150	54	12	85	80	19	60	I	14	140	105	210	971	1474	582	1474
AP12180	M12 x 180	84	12	85	80	19	60	L	14	140	105	210	971	1474	582	1474
AP12200	M12 x 200	104	12	85	80	19	60	M	14	140	105	210	971	1474	582	1474
AP16145	M16 x 145	28	16	105	97	24	100	I	18	170	128	255	1699	2744	1214	2739
AP16175	M16 x 175	58	16	105	97	24	100	K	18	170	128	255	1699	2744	1214	2739
AP16220	M16 x 220	103	16	105	97	24	100	O	18	170	128	255	1699	2744	1214	2739
AP16250	M16 x 250	133	16	105	97	24	100	Q	18	170	128	255	1699	2744	1214	2739
AP20170	M20 x 170	32	20	125	114	30	200	K	22	200	150	300	2427	4258	1456	3495
AP20200	M20 x 200	62	20	125	114	30	200	N	22	200	150	300	2427	4258	1456	3495
AP24205	M24 x 205	35	24	155	143	36	250	N	26	250	188	375	2023	4934	1214	4884
AP24235	M24 x 235	65	24	155	143	36	250	P	26	250	188	375	2023	4934	1214	4844

MTP-A4

Option 1 ETA Assessed, A4 Stainless steel shaft, A4 Stainless clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIS LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
APA408068	M8 x 68	4	8	70	54	13	20	A	9	100	70	140	430	650	240	650
APA408075	M8 x 75	10	8	70	54	13	20	B	9	100	70	140	430	650	240	650
APA408090	M8 x 90	25	8	70	54	13	20	C	9	100	70	140	430	650	240	650
APA408115	M8 x 115	50	8	70	54	13	20	D	9	100	70	140	430	650	240	650
APA408135	M8 x 135	70	8	70	54	13	20	E	9	100	70	140	430	650	240	650
APA408165	M8 x 165	100	8	70	54	13	20	G	9	100	70	140	430	650	240	650
APA410090	M10 x 90	10	10	80	67	17	40	A	12	120	90	180	760	1040	430	1040
APA410105	M10 x 105	25	10	80	67	17	40	B	12	120	90	180	760	1040	430	1040
APA410115	M10 x 115	35	10	80	67	17	40	C	12	120	90	180	760	1040	430	1040
APA410135	M10 x 135	55	10	80	67	17	40	D	12	120	90	180	760	1040	430	1040
APA410155	M10 x 155	75	10	80	67	17	40	E	12	120	90	180	760	1040	430	1040
APA410185	M10 x 185	105	10	80	67	17	40	F	12	120	90	180	760	1040	430	1040
APA412110	M12 x 110	10	12	100	81	19	60	A	14	150	110	220	950	1511	570	1511
APA412120	M12 x 120	20	12	100	81	19	60	B	14	150	110	220	950	1511	570	1511
APA412145	M12 x 145	45	12	100	81	19	60	C	14	150	110	220	950	1511	570	1511
APA412170	M12 x 170	70	12	100	81	19	60	D	14	150	110	220	950	1511	570	1511
APA412200	M12 x 200	100	12	100	81	19	60	E	14	150	110	220	950	1511	570	1511
APA416130	M16 x 130	10	16	115	97	24	120	A	18	170	130	260	1670	2800	1190	2800
APA416150	M16 x 150	30	16	115	97	24	120	B	18	170	130	260	1670	2800	1190	2800
APA416185	M16 x 185	60	16	115	97	24	120	C	18	170	130	260	1670	2800	1190	2800
APA416220	M16 x 220	100	16	115	97	24	120	D	18	170	130	260	1670	2800	1190	2800

MTP-X

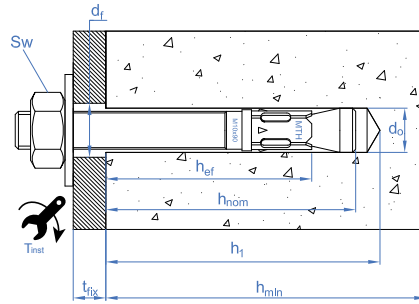
Option 1 ETA Assessed. Zinc-plated shaft. Sherardized clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIS LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
APX08050	M8 x 50	2	8	40	37	13	15	A	9	100	72	144	182	402	130	287
APX08075	M8 x 75	9	8	60	55	13	15	C	9	100	72	144	364	641	243	581
APX08080	M8 x 80	14	8	60	55	13	15	D	9	100	72	144	364	641	243	581
APX08095	M8 x 95	29	8	60	55	13	15	E	9	100	72	144	364	641	243	581
APX08115	M8 x 115	49	8	60	55	13	15	G	9	100	72	144	364	641	243	581
APX10090	M10 x 90	10	10	75	68	17	40	E	12	120	90	180	777	1014	437	1014
APX10105	M10 x 105	25	10	75	68	17	40	F	12	120	90	180	777	1014	437	1014
APX10115	M10 x 115	35	10	75	68	17	40	G	12	120	90	180	777	1014	437	1014
APX10135	M10 x 135	55	10	75	68	17	40	H	12	120	90	180	777	1014	437	1014
APX10165	M10 x 165	85	10	75	68	17	40	K	12	120	90	180	777	1014	437	1014
APX10185	M10 x 185	105	10	75	68	17	40	L	12	120	90	180	777	1014	437	1014
APX12080	M12 x 80	4	12	65	60	19	60	D	14	100	105	210	488	1474	348	1236
APX12100	M12 x 100	4	12	85	80	19	60	E	14	140	105	210	1214	1474	777	1474
APX12110	M12 x 110	14	12	85	80	19	60	F	14	140	105	210	1214	1474	777	1474
APX12120	M12 x 120	24	12	85	80	19	60	G	14	140	105	210	1214	1474	777	1474
APX12130	M12 x 130	34	12	85	80	19	60	H	14	140	105	210	1214	1474	777	1474
APX12150	M12 x 150	54	12	85	80	19	60	I	14	140	105	210	1214	1474	777	1474
APX12180	M12 x 180	84	12	85	80	19	60	L	14	140	105	210	1214	1474	777	1474
APX12200	M12 x 200	104	12	85	80	19	60	M	14	140	105	210	1214	1474	777	1474
APX12220	M12 x 220	124	12	85	80	19	60	O	14	140	105	210	1214	1474	777	1474
APX12255	M12 x 255	159	12	85	80	19	60	R	14	140	105	210	1214	1474	777	1474
APX16145	M16 x 145	28	16	105	97	24	100	I	18	170	128	255	1699	2744	1214	2739
APX16175	M16 x 175	58	16	105	97	24	100	K	18	170	128	255	1699	2744	1214	2739
APX16220	M16 x 220	103	16	105	97	24	100	O	18	170	128	255	1699	2744	1214	2739
APX16250	M16 x 250	133	16	105	97	24	100	Q	18	170	128	255	1699	2744	1214	2739
APX20170	M20 x 170	32	20	125	114	30	200	K	22	200	150	300	2427	4258	1456	3495
APX20200	M20 x 200	62	20	125	114	30	200	M	22	200	150	300	2427	4258	1456	3495

MTP-G

Option 1 ETA Assessed. Sherardized shaft. A4 Stainless clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIS LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
APG06060	M6 x 60	10	6	50	46	10	7	B	7	100	60	120	243	352	-	-
APG06070	M6 x 70	20	6	50	46	10	7	C	7	100	60	120	243	352	-	-
APG06100	M6 x 100	50	6	50	46	10	7	E	7	100	60	120	243	352	-	-
APG08050	M8 x 50	2	8	40	37	13	15	A	9	100	72	144	182	402	130	287
APG08060	M8 x 60	12	8	40	37	13	15	B	9	100	72	144	182	402	130	287
APG08075	M8 x 75	9	8	60	55	13	15	C	9	100	72	144	364	649	243	581
APG08095	M8 x 95	29	8	60	55	13	15	E	9	100	72	144	364	649	243	581
APG08115	M8 x 115	49	8	60	55	13	15	G	9	100	72	144	364	649	243	581
APG10070	M10 x 70	5	10	60	53	17	40	C	12	100	90	180	325	1014	232	1014
APG10090	M10 x 90	10	10	75	68	17	40	E	12	120	90	180	777	1014	437	1014
APG10105	M10 x 105	25	10	75	68	17	40	F	12	120	90	180	777	1014	437	1014
APG10115	M10 x 115	35	10	75	68	17	40	G	12	120	90	180	777	1014	437	1014
APG10135	M10 x 135	55	10	75	68	17	40	H	12	120	90	180	777	1014	437	1014
APG10165	M10 x 165	85	10	75	68	17	40	K	12	120	90	180	777	1014	437	1014
APG10185	M10 x 185	105	10	75	68	17	40	L	12	120	90	180	777	1014	437	1014
APG12080	M12 x 80	4	12	65	60	19	60	D	14	100	105	210	585	1474	417	1236
APG12110	M12 x 110	14	12	85	80	19	60	F	14	140	105	210	1433	1474	777	1474
APG12130	M12 x 130	34	12	85	80	19	60	H	14	140	105	210	1433	1474	777	1474
APG12150	M12 x 150	54	12	85	80	19	60	I	14	140	105	210	1433	1474	777	1474
APG12180	M12 x 180	84	12	85	80	19	60	L	14	140	105	210	1433	1474	777	1474
APG12200	M12 x 200	104	12	85	80	19	60	M	14	140	105	210	1433	1474	777	1474
APG16125	M16 x 125	8	16	105	97	24	100	G	18	170	128	255	1699	2744	1214	2739
APG16145	M16 x 145	28	16	105	97	24	100	I	18	170	128	255	1699	2744	1214	2739
APG16175	M16 x 175	58	16	105	97	24	100	K	18	170	128	255	1699	2744	1214	2739
APG16220	M16 x 220	103	16	105	97	24	100	O	18	170	128	255	1699	2744	1214	2739
APG20170	M20 x 170	32	20	125	114	30	200	K	22	200	150	300	2427	4258	1456	3495
APG20200	M20 x 200	62	20	125	114	30	200	M	22	200	150	300	2427	4258	1456	3495



MTH

Option 7 ETA Assessed. Zinc-plated shaft. Zinc-plated clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIX LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE
AH06060	M6 x 60	2	6	55	50	10	7	B	7	100	60	120	385	297
AH06070	M6 x 70	12	6	55	50	10	7	C	7	100	60	120	385	297
AH06080	M6 x 80	22	6	55	50	10	7	D	7	100	60	120	385	297
AH06090	M6 x 90	32	6	55	50	10	7	E	7	100	60	120	385	297
AH06100	M6 x 100	42	6	55	50	10	7	E	7	100	60	120	385	297
AH06110	M6 x 110	52	6	55	50	10	7	F	7	100	60	120	385	297
AH06120	M6 x 120	62	6	55	50	10	7	G	7	100	60	120	385	297
AH06130	M6 x 130	72	6	55	50	10	7	H	7	100	60	120	385	297
AH06140	M6 x 140	82	6	55	50	10	7	I	7	100	60	120	385	297
AH06150	M6 x 150	92	6	55	50	10	7	I	7	100	60	120	385	297
AH06160	M6 x 160	102	6	55	50	10	7	J	7	100	60	120	385	297
AH06170	M6 x 170	112	6	55	50	10	7	K	7	100	60	120	385	297
AH06180	M6 x 180	122	6	55	50	10	7	L	7	100	60	120	385	297
AH08060	M8 x 60	3	8	50	50	13	20	B	9	100	53	105	485	508
AH08075	M8 x 75	5	8	65	60	13	20	C	9	100	72	144	676	542
AH08090	M8 x 90	20	8	65	60	13	20	E	9	100	72	144	676	542
AH08100	M8 x 100	30	8	65	60	13	20	E	9	100	72	144	676	542
AH08115	M8 x 115	45	8	65	60	13	20	G	9	100	72	144	676	542
AH08120	M8 x 120	50	8	65	60	13	20	G	9	100	72	144	676	542
AH08130	M8 x 130	60	8	65	60	13	20	H	9	100	72	144	676	542
AH08155	M8 x 155	85	8	65	60	13	20	J	9	100	72	144	676	542
AH10070	M10 x 70	3	10	60	54	17	35	C	12	100	60	120	667	667
AH10080	M10 x 80	13	10	60	54	17	35	D	12	100	63	126	667	667
AH10090	M10 x 90	10	10	75	67	17	35	E	12	110	83	165	922	856
AH10100	M10 x 100	20	10	75	67	17	35	E	12	110	83	165	922	856
AH10120	M10 x 120	40	10	75	67	17	35	G	12	110	83	165	922	856
AH10140	M10 x 140	60	10	75	67	17	35	H	12	110	83	165	922	856
AH10150	M10 x 150	70	10	75	67	17	35	I	12	110	83	165	922	856
AH10160	M10 x 160	80	10	75	67	17	35	J	12	110	83	165	922	856
AH10170	M10 x 170	90	10	75	67	17	35	K	12	110	83	165	922	856
AH10210	M10 x 210	130	10	75	67	17	35	N	12	110	83	165	922	856
AH10230	M10 x 230	150	10	75	67	17	35	P	12	110	83	165	922	856
AH12090	M12 x 90	13	12	70	60	19	60	E	14	100	75	150	867	867
AH12100	M12 x 100	8	12	85	77	19	60	E	14	130	75	150	1285	1200
AH12110	M12 x 110	18	12	85	77	19	60	F	14	130	98	195	1285	1200
AH12120	M12 x 120	28	12	85	77	19	60	G	14	130	98	195	1285	1200
AH12130	M12 x 130	38	12	85	77	19	60	H	14	130	98	195	1285	1200
AH12140	M12 x 140	48	12	85	77	19	60	H	14	130	98	195	1285	1200
AH12160	M12 x 160	68	12	85	77	19	60	J	14	130	98	195	1285	1200
AH12180	M12 x 180	88	12	85	77	19	60	L	14	130	98	195	1285	1200
AH12200	M12 x 200	108	12	85	77	19	60	M	14	130	98	195	1285	1200
AH12220	M12 x 220	128	12	85	77	19	60	O	14	130	98	195	1285	1200
AH12250	M12 x 250	158	12	85	77	19	60	Q	14	130	98	195	1285	1200
AH14120	M14 x 120	12	14	100	91	22	90	G	16	150	113	225	1592	1637
AH14145	M14 x 145	37	14	100	91	22	90	I	16	150	113	225	1592	1637
AH14170	M14 x 170	62	14	100	91	22	90	K	16	150	113	225	1592	1637
AH14220	M14 x 220	112	14	100	91	22	90	O	16	150	113	225	1592	1637
AH14250	M14 x 250	142	14	100	91	22	90	Q	16	150	113	225	1592	1637
AH16125	M16 x 125	3	16	110	104	24	120	G	18	168	126	252	1887	2237
AH16145	M16 x 145	23	16	110	104	24	120	I	18	168	126	252	1887	2237
AH16170	M16 x 170	48	16	110	104	24	120	K	18	168	126	252	1887	2237
AH16220	M16 x 220	98	16	110	104	24	120	O	18	168	126	252	1887	2237
AH16250	M16 x 250	128	16	110	104	24	120	Q	18	168	126	252	1887	2237
AH16280	M16 x 280	158	16	110	104	24	120	S	18	168	126	252	1887	2237

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIX LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AH20170	M20 x 170	23	20	135	125	30	240	K	22	206	155	309	2562	3279
AH20220	M20 x 220	73	20	135	125	30	240	O	22	206	155	309	2562	3279
AH20270	M20 x 270	123	20	135	125	30	240	S	22	206	155	309	2562	3279

MTH-A4 Option 7 ETA Assessed. A4 Stainless steel. A4 Stainless clip

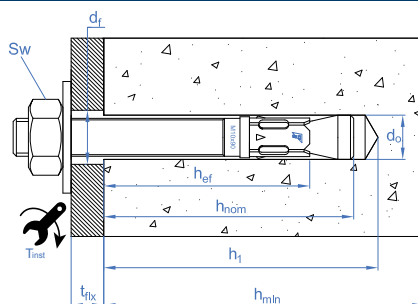
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIX LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
MIA406045	M6 x 45	1	6	40	35	10	7	A	7	100	40	75	306	287
MIA406060	M6 x 60	2	6	55	50	10	7	B	7	100	60	120	438	287
MIA406080	M6 x 80	22	6	55	50	10	7	D	7	100	60	120	438	287
MIA408050	M8 x 50	4	8	40	35	13	20	A	9	100	40	75	225	270
MIA408075	M8 x 75	5	8	65	60	13	20	C	9	100	72	144	582	522
MIA408090	M8 x 90	20	8	65	60	13	20	E	9	100	72	144	582	522
MIA408115	M8 x 115	45	8	65	60	13	20	G	9	100	72	144	582	522
MIA410070	M10 x 70	3	10	60	54	17	35	C	12	100	60	120	485	667
MIA410090	M10 x 90	10	10	75	67	17	35	D	12	110	83	165	647	834
MIA410120	M10 x 120	40	10	75	67	17	35	G	12	110	83	165	647	834
MIA410150	M10 x 150	70	10	75	67	17	35	I	12	110	83	165	647	834
MIA412075	M12 x 75	5	12	60	55	19	60	C	14	100	65	130	576	691
MIA412090	M12 x 90	13	12	70	62	19	60	D	14	100	75	90	647	867
MIA412110	M12 x 110	12	12	85	77	19	60	F	14	130	98	195	1011	1207
MIA412140	M12 x 140	42	12	85	77	19	60	I	14	130	98	195	1011	1207
MIA416090	M16 x 90	4	16	75	69	24	120	D	18	100	75	150	701	841
MIA416145	M16 x 145	23	16	110	104	24	120	I	18	168	126	252	1416	2256
MIA416170	M16 x 170	48	16	110	104	24	120	K	18	168	126	252	1416	2256
MIA420120	M20 x 120	5	20	105	93	30	240	G	22	145	110	225	1222	2933
MIA420170	M20 x 170	23	20	135	125	30	240	K	22	206	155	309	2023	3521
MIA420220	M20 x 220	73	20	135	125	30	240	O	22	206	155	309	2023	3521

MTH-A2 Option 7 ETA Assessed. A2 Stainless steel. A2 Stainless clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	AXIX LETTER	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
MI06045	M6 x 45	1	6	40	35	10	7	A	7	100	40	75	306	287
MI06060	M6 x 60	2	6	55	50	10	7	B	7	100	60	120	438	287
MI06080	M6 x 80	22	6	55	50	10	7	D	7	100	60	120	438	287
MI06120	M6 x 120	62	6	55	50	10	7	G	7	100	60	120	438	287
MI06140	M6 x 140	82	6	55	50	10	7	I	7	100	60	120	438	287
MI06160	M6 x 160	102	6	55	50	10	7	J	7	100	60	120	438	287
MI06170	M6 x 170	112	6	55	50	10	7	K	7	100	60	120	438	287
MI06180	M6 x 180	122	6	55	50	10	7	L	7	100	60	120	438	287
MI08050	M8 x 50	4	8	40	35	13	20	A	9	100	40	75	225	270
MI08075	M8 x 75	5	8	65	60	13	20	C	9	100	72	144	582	522
MI08090	M8 x 90	20	8	65	60	13	20	E	9	100	72	144	582	522
MI08115	M8 x 115	45	8	65	60	13	20	G	9	100	72	144	582	522
MI10070	M10 x 70	3	10	60	54	17	35	C	12	100	60	120	485	667
MI10090	M10 x 90	10	10	75	67	17	35	D	12	110	83	165	647	834
MI10120	M10 x 120	40	10	75	67	17	35	G	12	110	83	165	647	834
MI10150	M10 x 150	70	10	75	67	17	35	I	12	110	83	165	647	834
MI12075	M12 x 75	5	12	60	55	19	60	C	14	100	65	130	576	691
MI12090	M12 x 90	13	12	70	62	19	60	D	14	120	75	150	647	867
MI12110	M12 x 110	18	12	85	77	19	60	F	14	130	98	195	1011	1207
MI12140	M12 x 140	48	12	85	77	19	60	I	14	130	98	195	1011	1207
MI16090	M16 x 90	4	16	75	69	24	120	D	18	100	75	150	701	841
MI16145	M16 x 145	23	16	110	104	24	120	I	18	168	126	252	1416	2256
MI16170	M16 x 170	48	16	110	104	24	120	K	18	168	126	252	1416	2256
MI20120	M20 x 120	5	20	105	93	30	240	G	22	145	110	225	1222	2933
MI20170	M20 x 170	23	20	135	125	30	240	K	22	206	155	309	2023	3521
MI20220	M20 x 220	73	20	135	125	30	240	O	22	206	155	309	2023	3521

MTA

Through bolt anchor for heavy loads



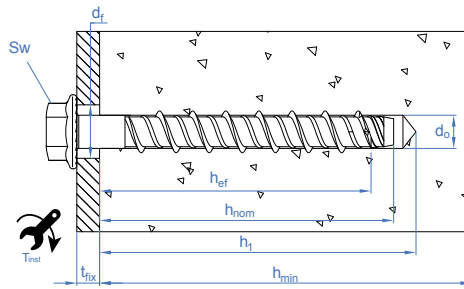
MTA

Zinc-plated shaft. Zinc-plated clip

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE 'A'	MIN. DISTANCE FROM AXIS 'B'	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AM06045	M6 x 45	1	6	40	35	10	7	7	100	40	75	306	297
AM06055	M6 x 55	11	6	40	35	10	7	7	100	40	75	306	297
AM06060	M6 x 60	2	6	55	50	10	7	7	100	60	120	385	297
AM06065	M6 x 65	7	6	55	50	10	7	7	100	60	120	385	297
AM06070	M6 x 70	12	6	55	50	10	7	7	100	60	120	385	297
AM06080	M6 x 80	22	6	55	50	10	7	7	100	60	120	385	297
AM06085	M6 x 85	27	6	55	50	10	7	7	100	60	120	385	297
AM06090	M6 x 90	32	6	55	50	10	7	7	100	60	120	385	297
AM06100	M6 x 100	42	6	55	50	10	7	7	100	60	120	385	297
AM06110	M6 x 110	52	6	55	50	10	7	7	100	60	120	385	297
AM06120	M6 x 120	62	6	55	50	10	7	7	100	60	120	385	297
AM06130	M6 x 130	72	6	55	50	10	7	7	100	60	120	385	297
AM06140	M6 x 140	82	6	55	50	10	7	7	100	60	120	385	297
AM06150	M6 x 150	92	6	55	50	10	7	7	100	60	120	385	297
AM06160	M6 x 160	102	6	55	50	10	7	7	100	60	120	385	297
AM06170	M6 x 170	112	6	55	50	10	7	7	100	60	120	385	297
AM06180	M6 x 180	122	6	55	50	10	7	7	100	60	120	385	297
AM08050	M8 x 50	4	8	40	35	13	20	9	100	40	75	270	270
AM08060	M8 x 60	3	8	50	47	13	20	9	100	53	105	485	508
AM08065	M8 x 65	8	8	50	47	13	20	9	100	53	105	485	508
AM08075	M8 x 75	5	8	65	60	13	20	9	100	72	144	676	542
AM08090	M8 x 90	20	8	65	60	13	20	9	100	72	144	676	542
AM08115	M8 x 115	45	8	65	60	13	20	9	100	72	144	676	542
AM08120	M8 x 120	50	8	65	60	13	20	9	100	72	144	676	542
AM08130	M8 x 130	60	8	65	60	13	20	9	100	72	144	676	542
AM08155	M8 x 155	85	8	65	60	13	20	9	100	72	144	676	542
AM10065	M10 x 65	1	10	55	52	17	35	12	100	60	120	620	620
AM10070	M10 x 70	3	10	60	54	17	35	12	100	63	125	667	667
AM10080	M10 x 80	13	10	60	54	17	35	12	100	63	125	667	667
AM10090	M10 x 90	10	10	75	67	17	35	12	110	83	165	922	856
AM10100	M10 x 100	20	10	75	67	17	35	12	110	83	165	922	856
AM10120	M10 x 120	40	10	75	67	17	35	12	110	83	165	922	856
AM10140	M10 x 140	60	10	75	67	17	35	12	110	83	165	922	856
AM10150	M10 x 150	70	10	75	67	17	35	12	110	83	165	922	856
AM10160	M10 x 160	80	10	75	67	17	35	12	110	83	165	922	856
AM10170	M10 x 170	90	10	75	67	17	35	12	110	83	165	922	856
AM10210	M10 x 210	130	10	75	67	17	35	12	110	83	165	922	856
AM10230	M10 x 230	150	10	75	67	17	35	12	110	83	165	922	856
AM12075	M12 x 75	5	12	60	55	19	60	14	100	65	130	691	691
AM12080	M12 x 80	3	12	70	62	19	60	14	100	75	150	867	867
AM12090	M12 x 90	13	12	70	62	19	60	14	100	75	150	867	867
AM12100	M12 x 100	8	12	85	77	19	60	14	130	98	195	1285	1200
AM12110	M12 x 110	18	12	85	77	19	60	14	130	98	195	1285	1200
AM12120	M12 x 120	28	12	85	77	19	60	14	130	98	195	1285	1200
AM12140	M12 x 140	48	12	85	77	19	60	14	130	98	195	1285	1200
AM12160	M12 x 160	68	12	85	77	19	60	14	130	98	195	1285	1200

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AM12180	M12 x 180	88	12	85	77	19	60	14	130	98	195	1285	1200
AM12220	M12 x 220	128	12	85	77	19	60	14	130	98	195	1285	1200
AM12250	M12 x 250	158	12	85	77	19	60	14	130	98	195	1285	1200
AM14080	M14 x 80	5	14	65	59	22	90	16	100	65	130	667	667
AM14100	M14 x 100	5	14	85	69	22	90	16	125	95	190	1197	1637
AM14120	M14 x 120	12	14	100	91	22	90	16	150	113	225	1592	1637
AM14145	M14 x 145	37	14	100	91	22	90	16	150	113	225	1592	1637
AM14170	M14 x 170	62	14	100	91	22	90	16	150	113	225	1592	1637
AM14220	M14 x 220	112	14	100	91	22	90	16	150	113	225	1592	1637
AM14250	M14 x 250	142	14	100	91	22	90	16	150	113	225	1592	1637
AM16090	M16 x 90	4	16	75	69	24	120	18	100	75	150	841	841
AM16110	M16 x 110	7	16	75	69	24	120	18	100	75	150	1285	1592
AM16125	M16 x 125	3	16	110	104	24	120	18	168	126	252	1887	2237
AM16145	M16 x 145	23	16	110	104	24	120	18	168	126	252	1887	2237
AM16170	M16 x 170	48	16	110	104	24	120	18	168	126	252	1887	2237
AM16220	M16 x 220	98	16	110	104	24	120	18	168	126	252	1887	2237
AM16250	M16 x 250	128	16	110	104	24	120	18	168	126	252	1887	2237
AM16280	M16 x 280	158	16	110	104	24	120	18	168	126	252	1887	2237
AM20120	M20 x 120	5	20	105	93	30	240	22	145	110	225	1467	2933
AM20170	M20 x 170	23	20	135	125	30	240	22	206	155	309	2562	3279
AM20220	M20 x 220	73	20	135	125	30	240	22	206	155	309	2562	3279
AM20270	M20 x 270	123	20	135	125	30	240	22	206	155	309	2562	3279
AM24180	M24 x 180	10	24	155	143	36	250	26	250	200	400	2023	4934
AM24260	M24 x 260	80	24	155	143	36	250	26	250	200	400	2023	4934

TH Self-tapping concrete screwbolt with Silver Ruspert coating



THE Option 1 ETA Assessed. Hexagonal head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
THE05040	Ø5 x 40	Ø5	40	5	40	100	7	35	5	8	40	80	8	-	-	-	-
THE05050	Ø5 x 50	Ø5	50	5	50	100	7	45	15	8	53	105	8	-	-	-	-
THE05060	Ø5 x 60	Ø5	60	5	50	100	7	45	25	8	53	105	8	-	-	-	-
THE05080	Ø5 x 80	Ø5	80	5	50	100	7	45	45	8	53	105	8	-	-	-	-
THE05100	Ø5 x 100	Ø5	100	5	50	100	7	45	65	8	53	105	8	-	-	-	-
THE06040	Ø6 x 40	Ø6	40	6	45	100	9	35	5	10	39	78	10	202	324	193	232
THE06050	Ø6 x 50	Ø6	50	6	45	100	9	35	15	10	39	78	10	202	324	193	232
THE06060	Ø6 x 60	Ø6	60	6	65	100	9	55	25	10	65	129	10	690	608	493	493
THE06070	Ø6 x 70	Ø6	70	6	65	100	9	55	35	10	65	129	10	690	608	493	493
THE06080	Ø6 x 80	Ø6	80	6	65	100	9	55	45	10	65	129	10	690	608	493	493
THE06100	Ø6 x 100	Ø6	100	6	65	100	9	55	65	10	65	129	10	690	608	493	493
THE06120	Ø6 x 120	Ø6	120	6	65	100	9	55	85	10	65	129	10	690	608	493	493
THE08055	Ø8 x 55	Ø8	55	8	60	100	12	50	5	20	57	113	13	468	562	334	401
THE08060	Ø8 x 60	Ø8	60	8	60	100	12	50	10	20	57	113	13	468	562	334	401
THE08070	Ø8 x 70	Ø8	70	8	75	100	12	65	20	20	76	152	13	878	878	627	627
THE08080	Ø8 x 80	Ø8	80	8	75	100	12	65	30	20	76	152	13	878	878	627	627
THE08090	Ø8 x 90	Ø8	90	8	75	100	12	65	40	20	76	152	13	878	878	627	627
THE08100	Ø8 x 100	Ø8	100	8	75	100	12	65	50	20	76	152	13	878	878	627	627
THE08110	Ø8 x 110	Ø8	110	8	75	100	12	65	60	20	76	152	13	878	878	627	627
THE08120	Ø8 x 120	Ø8	120	8	75	100	12	65	70	20	76	152	13	878	878	627	627
THE08140	Ø8 x 140	Ø8	140	8	75	100	12	65	90	20	76	152	13	878	878	627	627
THE10060	Ø10 x 60	Ø10	60	10	65	100	14	55	5	30	63	125	15	654	654	467	467
THE10070	Ø10 x 70	Ø10	70	10	65	100	14	55	15	30	63	125	15	654	654	467	467
THE10080	Ø10 x 80	Ø10	80	10	85	120	14	75	25	30	88	176	15	654	654	467	467

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	Shear Load CRACKED CONCRETE
THE10090	Ø10 x 90	Ø10	90	10	95	135	14	85	35	30	101	201	15	1342	1330	958	1330
THE10100	Ø10 x 100	Ø10	100	10	95	135	14	85	45	30	101	201	15	1342	1330	958	1330
THE10120	Ø10 x 120	Ø10	120	10	95	135	14	85	65	30	101	201	15	1342	1330	958	1330
THE10140	Ø10 x 140	Ø10	140	10	95	135	14	85	85	30	101	201	15	1342	1330	958	1330
THE12080	Ø12 x 80	Ø12	80	12	90	120	16	75	5	50	87	174	18	1081	1081	772	772
THE12090	Ø12 x 90	Ø12	90	12	90	120	16	75	15	50	87	174	18	1081	1081	772	772
THE12110	Ø12 x 110	Ø12	110	12	120	170	16	105	35	50	126	251	18	1867	1808	1333	1808
THE12130	Ø12 x 130	Ø12	130	12	120	170	16	105	55	50	126	251	18	1867	1808	1333	1808
THE12150	Ø12 x 150	Ø12	150	12	120	170	16	105	75	50	126	251	18	1867	1808	1333	1808
THE14080	Ø14 x 80	Ø14	80	14	90	120	18	75	5	70	87	174	21	1081	1081	772	772
THE14100	Ø14 x 100	Ø14	100	14	90	120	18	75	25	70	87	174	21	1081	1081	772	772
THE14120	Ø14 x 120	Ø14	120	14	130	185	18	115	45	70	138	276	21	2159	2559	1542	2559
THE14130	Ø14 x 130	Ø14	130	14	130	185	18	115	55	70	138	276	21	2159	2559	1542	2559
THE14140	Ø14 x 140	Ø14	140	14	130	185	18	115	65	70	138	276	21	2159	2559	1542	2559
THE14160	Ø14 x 160	Ø14	160	14	130	185	18	115	85	70	138	276	21	2159	2559	1542	2559
THE18100	Ø18 x 100	Ø18	100	18	110	140	22	90	10	90	105	209	24	1417	2835	1012	2025
THE18130	Ø18 x 130	Ø18	130	18	110	140	22	90	40	90	105	209	24	1417	2835	1012	2025
THE18160	Ø18 x 160	Ø18	160	18	160	225	22	140	70	90	168	336	24	2900	3921	2071	3921
THE18180	Ø18 x 180	Ø18	180	18	160	225	22	140	90	90	168	336	24	2900	3921	2071	3921
THE18200	Ø18 x 200	Ø18	200	18	160	225	22	140	110	90	168	336	24	2900	3921	2071	3921

THA Option 1 ETA Assessed. Countersunk head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	Shear Load CRACKED CONCRETE
THA05040	Ø5 x 40	Ø5	40	5	40	100	7	35	5	8	40	80	TX25	-	-	-	-
THA05060	Ø5 x 60	Ø5	60	5	50	100	7	45	15	8	53	105	TX25	-	-	-	-
THA05080	Ø5 x 80	Ø5	80	5	50	100	7	45	35	8	53	105	TX25	-	-	-	-
THA05100	Ø5 x 100	Ø5	100	5	50	100	7	45	55	8	53	105	TX25	-	-	-	-
THA06045	Ø6 x 45	Ø6	45	6	45	100	9	35	10	10	39	78	TX30	202	324	193	232
THA06050	Ø6 x 50	Ø6	50	6	45	100	9	35	15	10	39	78	TX30	202	324	193	232
THA06060	Ø6 x 60	Ø6	60	6	65	100	9	55	5	10	65	129	TX30	690	608	493	493
THA06080	Ø6 x 80	Ø6	80	6	65	100	9	55	25	10	65	129	TX30	690	608	493	493
THA06120	Ø6 x 120	Ø6	120	6	65	100	9	55	65	10	65	129	TX30	690	608	493	493
THA06140	Ø6 x 140	Ø6	140	6	65	100	9	55	85	10	65	129	TX30	690	608	493	493
THA08060	Ø8 x 60	Ø8	60	8	60	100	12	50	10	20	57	113	TX45	468	562	334	401
THA08080	Ø8 x 80	Ø8	80	8	75	100	12	65	15	20	76	152	TX45	878	878	627	627
THA08100	Ø8 x 100	Ø8	100	8	75	100	12	65	35	20	76	152	TX45	878	878	627	627
THA08120	Ø8 x 120	Ø8	120	8	75	100	12	65	55	20	76	152	TX45	878	878	627	627
THA10100	Ø10 x 100	Ø10	100	10	95	135	14	85	15	30	101	201	TX50	1342	1330	958	1330
THA10120	Ø10 x 120	Ø10	120	10	95	135	14	85	35	30	101	201	TX50	1342	1330	958	1330

THP Panhead

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	Shear Load CRACKED CONCRETE
THP05040	Ø5 x 40	Ø5	40	5	40	100	7	35	5	8	40	80	TX30	-	-	-	-
THP05060	Ø5 x 50	Ø5	50	5	50	100	7	45	25	8	53	105	TX30	-	-	-	-
THP06040	Ø6 x 40	Ø6	40	6	45	100	9	35	5	10	39	78	TX40	202	324	193	232
THP06050	Ø6 x 50	Ø6	50	6	45	100	9	35	15	10	39	78	TX40	202	324	193	232
THP06060	Ø6 x 60	Ø6	60	6	65	100	9	55	25	10	65	129	TX40	690	608	493	493
THP06080	Ø6 x 80	Ø6	80	6	65	100	9	55	45	10	65	129	TX40	690	608	493	493
THP06100	Ø6 x 100	Ø6	100	6	65	100	9	55	65	10	65	129	TX40	690	608	493	493
THP08060	Ø8 x 60	Ø8	60	8	60	100	12	50	10	20	57	113	TX45	468	562	334	401
THP08080	Ø8 x 80	Ø8	80	8	75	100	12	65	30	20	76	152	TX45	878	878	627	627

THT Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	Shear Load CRACKED CONCRETE
THT06040	Ø6 x 40	Ø6	40	6	45	100	9	35	5	10	39	78	TX30	202	324	193	232
THT06050	Ø6 x 50	Ø6	50	6	45	100	9	35	15	10	39	78	TX30	202	324	193	232
THT06060	Ø6 x 60	Ø6	60	6	65	100	9	55	5	10	65	129	TX30	690	608	493	493

TFE Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	Shear Load NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	Shear Load CRACKED CONCRETE
TFE05040	Ø5 x 40	Ø5	40	5	40	100	7	35	5	8	40	80	8	-	-	-	-
TFE05050	Ø5 x 50	Ø5	50	5	50	100	7	45	5	8	53	105	8	-	-	-	-
TFE05060	Ø5 x 60	Ø5	60	5	50	100	7	45	15	8	53	105	8	-	-	-	-
TFE05080	Ø5 x 80	Ø5	80	5	50	100	7	45	35	8	53	105	8	-	-	-	-
TFE05100	Ø5 x 100	Ø5	100	5	50	100	7	45	55	8	53	105	8	-	-	-	-

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFE06040	Ø6 x 40	Ø6	40	6	45	100	9	35	5	10	39	78	10	202	324	193	232
TFE06050	Ø6 x 50	Ø6	50	6	45	100	9	35	15	10	39	78	10	202	324	193	232
TFE06060	Ø6 x 60	Ø6	60	6	65	100	9	55	5	10	65	129	10	690	608	493	493
TFE06070	Ø6 x 70	Ø6	70	6	65	100	9	55	15	10	65	129	10	690	608	493	493
TFE06080	Ø6 x 80	Ø6	80	6	65	100	9	55	25	10	65	129	10	690	608	493	493
TFE06100	Ø6 x 100	Ø6	100	6	65	100	9	55	45	10	65	129	10	690	608	493	493
TFE06120	Ø6 x 120	Ø6	120	6	65	100	9	55	65	10	65	129	10	690	608	493	493
TFE08055	Ø8 x 55	Ø8	55	8	60	100	12	50	5	20	57	113	13	468	562	334	401
TFE08060	Ø8 x 60	Ø8	60	8	60	100	12	50	10	20	57	113	13	468	562	334	401
TFE08070	Ø8 x 70	Ø8	70	8	75	100	12	65	5	20	76	152	13	878	878	627	627
TFE08080	Ø8 x 80	Ø8	80	8	75	100	12	65	15	20	76	152	13	878	878	627	627
TFE08090	Ø8 x 90	Ø8	90	8	75	100	12	65	25	20	76	152	13	878	878	627	627
TFE08100	Ø8 x 100	Ø8	100	8	75	100	12	65	35	20	76	152	13	878	878	627	627
TFE08110	Ø8 x 110	Ø8	110	8	75	100	12	65	45	20	76	152	13	878	878	627	627
TFE08120	Ø8 x 120	Ø8	120	8	75	100	12	65	55	20	76	152	13	878	878	627	627
TFE08140	Ø8 x 140	Ø8	140	8	75	100	12	65	75	20	76	152	13	878	878	627	627
TFE10060	Ø10 x 60	Ø10	60	10	65	100	14	55	5	30	63	125	15	654	654	467	467
TFE10070	Ø10 x 70	Ø10	70	10	65	100	14	55	15	30	63	125	15	654	654	467	467
TFE10080	Ø10 x 80	Ø10	80	10	85	120	14	75	25	30	88	176	15	654	654	467	467
TFE10090	Ø10 x 90	Ø10	90	10	95	135	14	85	5	30	101	201	15	1342	1330	958	1330
TFE10100	Ø10 x 100	Ø10	100	10	95	135	14	85	15	30	101	201	15	1342	1330	958	1330
TFE10120	Ø10 x 120	Ø10	120	10	95	135	14	85	35	30	101	201	15	1342	1330	958	1330
TFE10140	Ø10 x 140	Ø10	140	10	95	135	14	85	55	30	101	201	15	1342	1330	958	1330
TFE12080	Ø12 x 80	Ø12	80	12	90	120	16	75	5	50	87	174	18	1081	1081	772	772
TFE12090	Ø12 x 90	Ø12	90	12	90	120	16	75	15	50	87	174	18	1081	1081	772	772
TFE12110	Ø12 x 110	Ø12	110	12	120	170	16	105	5	50	126	251	18	1867	1808	1333	1808
TFE12130	Ø12 x 130	Ø12	130	12	120	170	16	105	25	50	126	251	18	1867	1808	1333	1808
TFE12150	Ø12 x 150	Ø12	150	12	120	170	16	105	45	50	126	251	18	1867	1808	1333	1808
TFE14080	Ø14 x 80	Ø14	80	14	90	120	18	75	5	70	87	174	21	1081	1081	772	772
TFE14100	Ø14 x 100	Ø14	100	14	90	120	18	75	25	70	87	174	21	1081	1081	772	772
TFE14120	Ø14 x 120	Ø14	120	14	130	185	18	115	5	70	138	276	21	2159	2559	1542	2559
TFE14130	Ø14 x 130	Ø14	130	14	130	185	18	115	15	70	138	276	21	2159	2559	1542	2559
TFE14140	Ø14 x 140	Ø14	140	14	130	185	18	115	25	70	138	276	21	2159	2559	1542	2559
TFE14160	Ø14 x 160	Ø14	160	14	130	185	18	115	45	70	138	276	21	2159	2559	1542	2559
TFE18100	Ø18 x 100	Ø18	100	18	110	140	22	90	10	90	105	209	24	1417	2835	1012	2025
TFE18130	Ø18 x 130	Ø18	130	18	110	140	22	90	40	90	105	209	24	1417	2835	1012	2025
TFE18160	Ø18 x 160	Ø18	160	18	160	225	22	140	20	90	168	336	24	2900	3921	2071	3921
TFE18180	Ø18 x 180	Ø18	180	18	160	225	22	140	40	90	168	336	24	2900	3921	2071	3921
TFE18200	Ø18 x 200	Ø18	200	18	160	225	22	140	60	90	168	336	24	2900	3921	2071	3921

TFN

Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFN14080	Ø14 x 80	Ø14	80	14	90	120	18	75	5	70	87	174	21	1081	1081	772	772

TFS

Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFS06100	Ø6 x 100	Ø6	100	6	65	100	9	55	55	10	65	129	5	690	608	493	493
TFS06120	Ø6 x 120	Ø6	120	6	65	100	9	55	75	10	65	129	5	690	608	493	493
TFS08110	Ø8 x 110	Ø8	110	8	75	100	12	65	47	20	76	152	7	878	878	627	627
TFS08130	Ø8 x 120	Ø8	130	8	75	100	12	65	67	20	76	152	7	878	878	627	627
TFS10120	Ø10 x 120	Ø10	120	10	85	120	14	75	52	30	88	176	8	1342	1330	958	1330
TFS10140	Ø10 x 140	Ø10	140	10	85	120	14	75	72	30	88	176	8	1342	1330	958	1330

TFF

Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFF06035	Ø6 x 35	Ø6	35	6	45	100	--	35	10	39	78	13	202	-	193	-
TFF06055	Ø6 x 55	Ø6	55	6	55	100	--	55	10	65	129	13	690	-	493	-

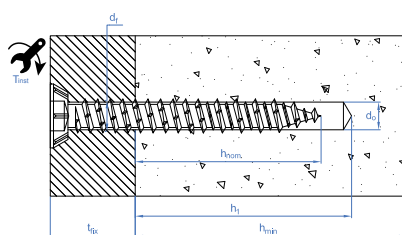
TFM

Truss head

CODE	MXL	Ø	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFM06035	Ø6 x 35	Ø6	35	6	45	100	--	35	10	39	78	13	202	-	193	-
TFM06055	Ø6 x 55	Ø6	55	6	55	100	--	55	10	65	129	13	690	-	493	-

HO

Concrete screw



HP

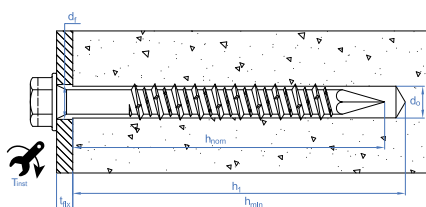
Flat head, Tx recess, yellow zinc-plated

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HP75072	7,5 x 72	32	6	45	40	TX30	20	9	100	60	120	100	100
HP75092	7,5 x 92	52	6	45	40	TX30	20	9	100	60	120	100	100
HP75112	7,5 x 112	72	6	45	40	TX30	20	9	100	60	120	100	100
HP75132	7,5 x 132	92	6	45	40	TX30	20	9	100	60	120	100	100
HP75152	7,5 x 152	112	6	45	40	TX30	20	9	100	60	120	100	100
HP75182	7,5 x 182	142	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75072	7,5 x 72	32	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75092	7,5 x 92	52	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75112	7,5 x 112	72	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75132	7,5 x 132	92	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75152	7,5 x 152	112	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75182	7,5 x 182	142	6	45	40	TX30	20	9	100	60	120	100	100
HPZ75212	7,5 x 212	172	6	45	40	TX30	20	9	100	60	120	100	100

HR

Cylindrical head Tx

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HR75072	7,5 x 72	32	6	45	40	TX25	15	9	100	60	120	100	100
HR75092	7,5 x 92	52	6	45	40	TX25	15	9	100	60	120	100	100
HR75112	7,5 x 112	72	6	45	40	TX25	15	9	100	60	120	100	100
HR75132	7,5 x 132	92	6	45	40	TX25	15	9	100	60	120	100	100



HE

Concrete screw, hexagonal head, Hi-Lo thread, diamond point

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HE65032	6,5 x 32	2	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65045	6,5 x 45	15	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65057	6,5 x 57	27	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65070	6,5 x 70	40	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65080	6,5 x 80	50	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65100	6,5 x 100	70	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE65125	6,5 x 125	95	5	35	30	SW8+ ranura	12	8	100	45	90	65	65

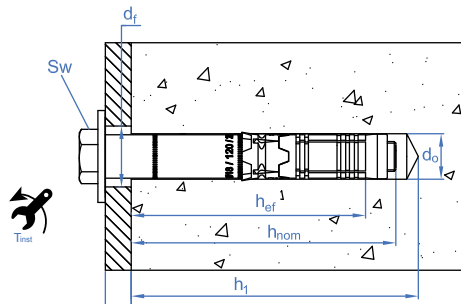
HE + ARVUL

Concrete screw, hexagonal head, Hi-Lo thread, diamond point

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HE1665032	6,5 x 32	2	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665045	6,5 x 45	15	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665057	6,5 x 57	27	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665070	6,5 x 70	40	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665080	6,5 x 80	50	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665100	6,5 x 100	70	5	35	30	SW8+ ranura	12	8	100	45	90	65	65
HE1665125	6,5 x 125	95	5	35	30	SW8+ ranura	12	8	100	45	90	65	65

SL

Heavy duty anchor for high performance in concrete



SL-PT

Option 1 ETA Assessed. Hexagonal

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
SLPT10070	M6 x 70	10	10	70	59	10	15	12	100	75	150	782	844	591	591
SLPT10080	M6 x 80	20	10	70	59	10	15	12	100	75	150	782	844	591	591
SLPT10100	M6 x 100	40	10	70	59	10	15	12	100	75	150	782	844	591	591
SLPT10110	M6 x 110	50	10	70	59	10	15	12	100	75	150	782	844	591	591
SLPT12080	M8 x 80	5	12	85	72	13	30	14	120	90	180	1110	1922	777	1544
SLPT12090	M8 x 90	15	12	85	72	13	30	14	120	90	180	1110	1922	777	1544
SLPT12100	M8 x 100	25	12	85	72	13	30	14	120	90	180	1110	1922	777	1544
SLPT12120	M8 x 120	45	12	85	72	13	30	14	120	90	180	1110	1922	777	1544
SLPT16100	M10 x 100	15	16	95	83	17	50	18	140	105	210	1399	2797	979	1958
SLPT16120	M10 x 120	35	16	95	83	17	50	18	140	105	210	1399	2797	979	1958
SLPT16140	M10 x 140	55	16	95	83	17	50	18	140	105	210	1399	2797	979	1958
SLPT16160	M10 x 160	75	16	95	83	17	50	18	140	105	210	1399	2797	979	1958
SLPT18110	M12 x 110	10	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT18120	M12 x 120	20	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT18140	M12 x 140	40	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT18150	M12 x 150	50	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT18170	M12 x 170	70	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT18200	M12 x 200	100	18	110	97	19	80	20	170	130	255	1871	3743	1310	2620
SLPT24140	M16 x 140	20	24	130	117	24	160	26	200	150	300	1990	4776	1393	3343
SLPT24170	M16 x 170	50	24	130	117	24	160	26	200	150	300	1990	4776	1393	3343
SLPT24200	M16 x 200	80	24	130	117	24	160	26	200	150	300	1990	4776	1393	3343
SLPT24220	M16 x 220	100	24	130	117	24	160	26	200	150	300	1990	4776	1393	3343
SLPT28170	M20 x 170	20	28	160	146	30	240	31	250	190	375	2781	6674	1947	4672
SLPT28200	M20 x 200	50	28	160	146	30	240	31	250	190	375	2781	6674	1947	4672
SLPT28240	M20 x 240	90	28	160	146	30	240	31	250	190	375	2781	6674	1947	4672

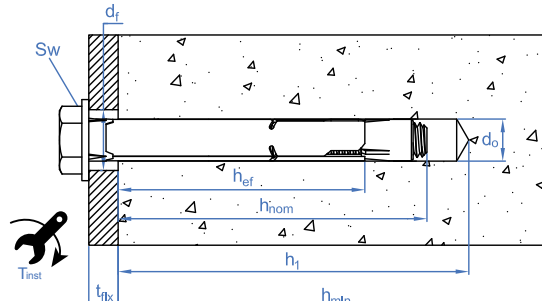
SL-PC

Option 1 ETA Assessed. Countersunk

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
SLPC10070	M6 x 70	10	10	70	59	4	15	12	100	75	150	782	844	591	591
SLPC10080	M6 x 80	20	10	70	59	4	15	12	100	75	150	782	844	591	591
SLPC10100	M6 x 100	40	10	70	59	4	15	12	100	75	150	782	844	591	591
SLPC12100	M8 x 100	25	12	85	72	5	30	14	120	90	180	1110	1922	777	1544
SLPC16100	M10 x 100	15	16	95	83	6	50	18	140	105	210	1399	2797	979	1958
SLPC16120	M10 x 120	35	16	95	83	6	50	18	140	105	210	1399	2797	979	1958
SLPC18120	M12 x 120	20	18	110	97	8	80	20	170	130	255	1871	3743	1871	2620

CH

Anti-spin sleeve anchor, for medium loads



CH-TO

Hexagonal head screw 6.8. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHT08C	M6 x 45	5	8	45	39	10	10	9	100	41	41	267	351
ACHT08L	M6 x 60	20	8	45	39	10	10	9	100	41	41	267	351
ACHT09C	M6 x 45	5	9	45	39	10	10	10	100	41	41	267	351
ACHT09L	M6 x 60	20	9	45	39	10	10	10	100	41	41	267	351
ACHT10C	M8 x 60	5	10	60	51	13	20	12	100	54	54	485	620
ACHT10L	M8 x 80	27	10	60	51	13	20	12	100	54	54	485	620
ACHT11C	M8 x 60	5	11	60	51	13	20	13	100	54	54	485	620
ACHT11L	M8 x 80	27	11	60	51	13	20	13	100	54	54	485	620
ACHT12C	M10 x 70	5	12	75	65	17	35	14	100	65	65	679	815
ACHT12L	M10 x 100	32	12	75	65	17	35	14	100	65	65	679	815
ACHT14C	M10 x 70	5	14	75	65	17	35	16	100	65	65	679	815
ACHT14L	M10 x 100	32	14	75	65	17	35	16	100	65	65	679	815
ACHT16C	M12 x 80	5	16	80	70	19	50	18	110	74	74	833	1000
ACHT16L	M12 x 110	37	16	80	70	19	50	18	110	74	74	833	1000
ACHT20C	M16 x 110	15	20	105	92	24	140	22	145	97	97	1498	2744
ACHT25C	M20 x 130	25	25	130	102	30	240	27	160	120	240	1462	3508

CH-A2

Stainless steel A2

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHTA208C	M6 x 45	5	8	45	39	10	10	9	100	41	41	403	329
ACHTA208L	M6 x 60	20	8	45	39	10	10	9	100	41	41	403	329
ACHTA209C	M6 x 45	5	9	45	39	10	10	10	100	41	41	403	329
ACHTA209L	M6 x 60	20	9	45	39	10	10	10	100	41	41	403	329
ACHTA210C	M8 x 60	5	10	60	51	13	20	12	100	54	54	384	600
ACHTA210L	M8 x 80	27	10	60	51	13	20	12	100	54	54	384	600
ACHTA211C	M8 x 60	5	11	60	51	13	20	13	100	54	54	384	600
ACHTA211L	M8 x 80	27	11	60	51	13	20	13	100	54	54	384	600
ACHTA212C	M10 x 70	5	12	75	65	17	35	14	100	65	65	566	815
ACHTA212L	M10 x 100	32	12	75	65	17	35	14	100	65	65	566	815
ACHTA214C	M10 x 70	5	14	75	65	17	35	16	100	65	65	566	815
ACHTA214L	M10 x 100	32	14	75	65	17	35	16	100	65	65	566	815
ACHTA216C	M12 x 80	5	16	80	70	19	50	18	110	74	74	647	1000
ACHTA216L	M12 x 110	37	16	80	70	19	50	18	110	74	74	647	1000
ACHTA220C	M16 x 110	15	20	105	92	24	140	22	145	97	97	971	2572

CH-8.8

Hexagonal head screw 8.8. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHT8808C	M6 x 45	5	8	45	39	10	10	9	100	41	41	267	351
ACHT8808L	M6 x 60	20	8	45	39	10	10	9	100	41	41	267	351
ACHT8810C	M8 x 60	5	10	60	51	13	20	12	100	54	54	485	620
ACHT8810L	M8 x 80	27	10	60	51	13	20	12	100	54	54	485	620
ACHT8812C	M10 x 70	5	12	75	65	17	35	14	100	65	65	679	815
ACHT8812L	M10 x 100	32	12	75	65	17	35	14	100	65	65	679	815
ACHT8816C	M12 x 80	5	16	80	70	19	50	18	110	74	74	833	1000
ACHT8816L	M12 x 110	37	16	80	70	19	50	18	110	74	74	833	1000
ACHT8820C	M16 x 110	15	20	105	92	24	140	22	145	97	97	1498	2744

CH-8.8 E

Hexagonal head screw 8.8 for reduced thicknesses

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHT8808E	M6 x 40	5	8	40	32	10	10	9	70	41	54	215	362
ACHT8810E	M8 x 40	5	10	45	37	13	20	12	70	41	54	280	362

CH-PL

Flat head screw. Option 7 ETA Assessed. Homologado ETE Opción 7.

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHTPL08C	M6 x 45	5	8	45	39	4	10	9	100	41	41	267	351
ACHTPL08L	M6 x 60	20	8	45	39	4	10	9	100	41	41	267	351
ACHTPL10C	M8 x 60	5	10	60	51	5	20	12	100	54	54	485	620
ACHTPL10L	M8 x 80	27	10	60	51	5	20	12	100	54	54	485	620
ACHTPL12C	M10 x 70	5	12	75	65	6	35	14	100	65	65	679	815
ACHTPL12L	M10 x 100	32	12	75	65	6	35	14	100	65	65	679	815

CH-INB

Zinc-plated tamperproof head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHINB08C	M6 x 45	5	8	45	39	TX40	10	9	100	41	41	267	351
ACHINB08L	M6 x 60	20	8	45	39	TX40	10	9	100	41	41	267	351
ACHINB10C	M8 x 60	5	10	60	51	TX40	20	12	100	54	54	485	620
ACHINB10L	M8 x 80	27	10	60	51	TX40	20	12	100	54	54	485	620

CH-INN

Black zinc-plated tamperproof head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHINN08C	M6 x 45	5	8	45	39	TX40	10	9	100	41	41	267	351
ACHINN08L	M6 x 60	20	8	45	39	TX40	10	9	100	41	41	267	351
ACHINN10C	M8 x 60	5	10	60	51	TX40	20	12	100	54	54	485	620
ACHINN10L	M8 x 80	27	10	60	51	TX40	20	12	100	54	54	485	620

CH-PI

Stainless steel A2 flat head screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHTPI08C	M6 x 45	5	8	45	39	4	10	9	100	41	41	403	329
ACHTPI08L	M6 x 60	20	8	45	39	4	10	9	100	41	41	403	329
ACHTPI10C	M8 x 60	5	10	60	51	5	20	12	100	54	54	384	600
ACHTPI10L	M8 x 80	27	10	60	51	5	20	12	100	54	54	384	600
ACHTPI12C	M10 x 70	5	12	75	65	6	35	14	100	65	65	566	815
ACHTPI12L	M10 x 100	32	12	75	65	6	35	14	100	65	65	566	815

CH-ES

Projecting bolt

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHE08C	M6 x 45	5	8	45	39	10	10	9	100	41	41	267	211
ACHE09C	M6 x 45	5	9	45	39	10	10	10	100	41	41	267	211
ACHE10C	M8 x 60	5	10	60	51	13	20	12	100	54	54	485	384
ACHE10L	M8 x 80	27	10	60	51	13	20	12	105	54	54	485	384
ACHE11C	M8 x 60	5	11	60	51	13	20	13	100	54	54	485	384
ACHE11L	M8 x 80	27	11	60	51	13	20	13	105	54	54	485	384
ACHE12C	M10 x 70	5	12	75	65	17	35	14	100	65	65	679	608
ACHE12L	M10 x 100	32	12	75	65	17	35	14	110	65	65	679	608
ACHE14C	M10 x 70	5	14	75	65	17	35	16	100	65	65	679	608
ACHE14L	M10 x 100	32	14	75	65	17	35	16	100	65	65	679	608

CH-GA

Hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHG08C	M6 x 45	10	8	45	39	10	10	9	100	41	41	73	-
ACHG09C	M6 x 45	10	9	45	39	10	10	10	100	41	41	73	-
ACHG10C	M8 x 60	13	10	60	51	13	20	12	100	54	54	146	-
ACHG11C	M8 x 60	13	11	60	51	13	20	13	100	54	54	146	-
ACHG12C	M10 x 70	14	12	75	65	17	35	14	100	65	65	243	-
ACHG14C	M10 x 70	14	14	75	65	17	35	16	100	65	65	243	-
ACHG16C	M12 x 80	22	16	80	70	19	50	18	110	74	74	291	-

CH-GE Hook spiral

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHGE10	M8 x 115	-	10	65	56	13	20	12	100	41	41	146	-
ACHGE12	M10 x 135	-	12	80	70	17	35	14	100	54	54	243	-

CH-GF Forged hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHGF008C	M6 x 45	10	8	45	39	10	10	9	100	41	41	80	-
ACHGF010C	M8 x 60	11	10	60	51	13	20	12	100	54	54	155	-
ACHGF012C	M10 x 70	14	12	75	65	17	35	14	100	65	65	243	-

CH-GF A2 Stainless steel A2 forged hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHGA208C	M6 x 45	10	8	45	39	10	10	9	100	41	41	84	-
ACHGA210C	M8 x 60	11	10	60	51	13	20	12	100	54	54	84	-
ACHGA212C	M10 x 70	14	12	75	65	17	35	14	100	65	65	155	-

CH-AR Eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHA08C	M6 x 45	10	8	45	39	10	10	9	100	41	41	73	-
ACHA09C	M6 x 45	10	9	45	39	10	10	10	100	41	41	73	-
ACHA10C	M8 x 60	13	10	60	51	13	20	12	100	54	54	146	-
ACHA11C	M8 x 60	13	11	60	51	13	20	13	100	54	54	146	-
ACHA12C	M10 x 70	14	12	75	65	17	35	14	100	65	65	243	-
ACHA14C	M10 x 70	14	14	75	65	17	35	16	100	65	65	243	-
ACHA16C	M12 x 80	22	16	80	70	19	50	18	110	74	74	291	-

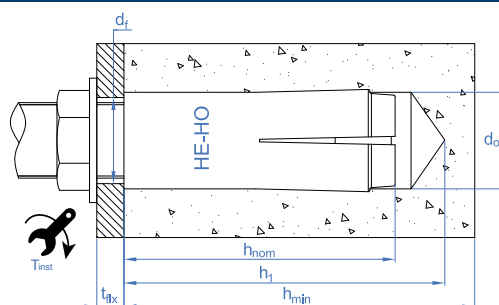
CH-AF Forged eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHAF008C	M6 x 45	10	8	45	39	10	10	9	100	41	41	204	-
ACHAF010C	M8 x 60	12	10	60	51	13	20	12	100	54	54	485	-
ACHAF012C	M10 x 70	14	12	75	65	17	35	14	100	65	65	679	-

CH-AF A2 Stainless steel A2 forged eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHAA208C	M6 x 45	10	8	45	39	10	10	9	100	41	41	204	-
ACHAA210C	M8 x 60	11	10	60	51	13	20	12	100	54	54	485	-
ACHAA212C	M10 x 70	14	12	75	65	17	35	14	100	65	65	679	-

HE Drop in anchor with internal thread for heavy loads



HE-HO Option 7 ETA Assessed, Part 6

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HEHOM06	M6	8	27	25	4	7	100	105	60	255	306
HEHOM08	M8	10	33	30	11	9	100	105	90	335	402
HEHOM10	M10	12	43	40	17	12	100	140	80	442	530
HEHOM12	M12	15	54	50	38	14	100	175	100	618	865
HEHOM16	M16	20	70	65	60	18	130	230	130	916	1893
HEHOM20	M20	25	86	80	100	22	160	280	160	1250	2767
HEHOM12D	M12	16	54	50	38	14	100	175	100	618	865

HE-A4

A4 Stainless steel

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HEA4M06	M6	8	27	25	4	7	100	105	60	212	255
HEA4M08	M8	10	32	30	11	9	100	105	90	279	335
HEA4M10	M10	12	42	40	22	12	100	140	80	364	516
HEA4M12	M12	15	52	50	38	14	100	175	100	601	721
HEA4M16	M16	20	70	65	60	18	130	230	130	890	1642
HEA4M20	M20	25	85	80	100	22	160	280	160	1214	2610

HE-CL

Option 7 ETA Assessed, Part 6

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HECLOM06	M6	8	27	25	4	7	100	105	60	255	306
HECLOM08	M8	10	33	30	11	9	100	105	90	335	402
HECLOM10	M10	12	43	40	17	12	100	140	80	442	530
HECLOM12	M12	15	54	50	38	14	100	175	100	618	865
HECLOM16	M16	20	70	65	60	18	130	230	130	916	1893
HECLOM12D	M12	16	54	50	38	14	100	175	160	618	865

HE-NO

Zinc-plated

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HENOM06	M6	8	27	25	4	7	100	105	60	175	306
HENOM08	M8	10	33	30	11	9	100	105	90	230	402
HENOM10	M10	12	43	40	17	12	100	140	80	354	530
HENOM12	M12	15	54	50	38	14	100	175	100	494	865
HENOM16	M16	20	70	65	60	18	130	230	130	733	1893
HENOM20	M20	25	86	80	100	22	160	280	160	1000	2767

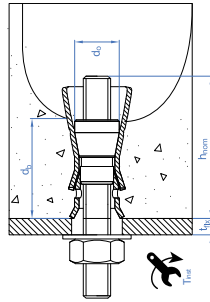
HE-NS

Sherardized

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HENSM08	M8	10	33	30	11	9	100	105	90	335	402
HENSM10	M10	12	43	40	17	12	100	140	80	442	530
HENSM12	M12	15	54	50	38	14	100	175	100	618	865
HENSM16	M16	20	70	65	60	18	130	230	130	916	1893

HC

Hollow-core slab anchor



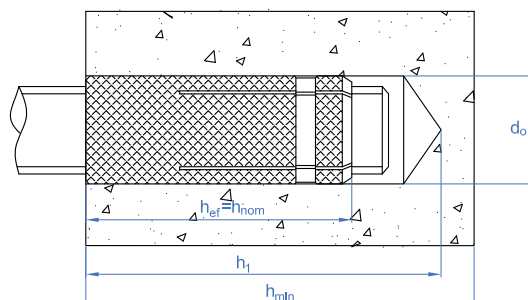
HC

Shield

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HCM06	M6 x 38	10	45	10	7	25	60	100	142	142
HCM08	M8 x 44	12	50	20	9	25	70	100	243	243
HCM10	M10 x 53	16	60	30	12	25	80	100	324	324

TALA

Brass expansion anchor for light fastenings in solid materials



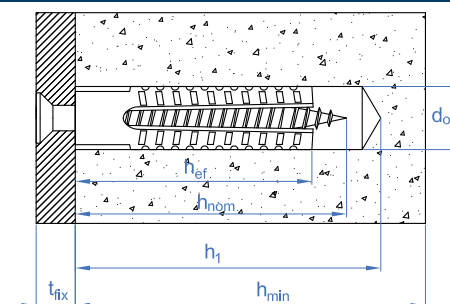
TALA

Brass expansion anchor for light fixings in solid materials

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE
TALA532	W5/32 x 16	5	20	25	24	48	60
TALAM04	M4 x 16	5	20	25	24	48	60
TALAM05	M5 x 18	6	22	30	27	54	70
TALAM06	M6 x 23	8	28	35	35	69	100
TALAM08	M8 x 28	10	33	40	42	84	150
TALAM10	M10 x 34	12	40	45	51	102	210
TALAM12	M12 x 38	15	45	50	57	114	320

TA-ME

Steel expansion plug



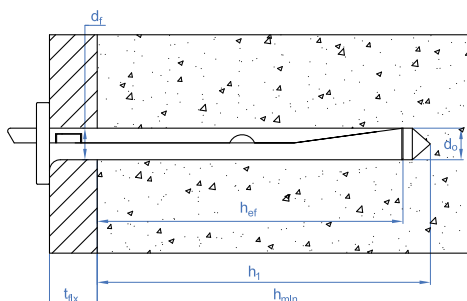
TA-ME

Steel expansion plug

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE
TAME05030	M5 x 30	5	40	60	60	120	20
TAME06032	M6 x 32	6	40	60	60	120	22
TAME08038	M8 x 38	8	50	70	70	140	40
TAME08060	M8 x 60	8	70	120	120	240	47
TAME10060	M10 x 60	10	70	120	120	240	52

AN-CU

Ceiling wedge anchor



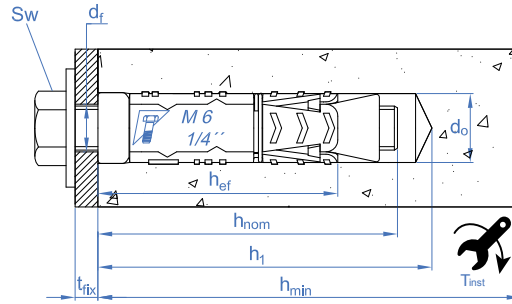
AN-CU

Wedge-type, hammer-drive metal anchor

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	ϕ ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE
ANCU06040	6 x 40	5	6	40	7	80	150	200	120
ANCU06070	6 x 70	35	6	40	7	80	150	200	120

ZA

Anchor for medium-heavy loads in hollow and solid elements



ZA-CA

Shield

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMC06	M6 x 60	-	12	60	48	10	7	7	100	62	125	535	351
AZAMC08	M8 x 70	-	14	65	50	13	15	9	100	65	130	575	640
AZAMC10	M10 x 100	-	16	75	58	17	30	12	102	80	155	743	891
AZAMC12	M12 x 120	-	20	90	72	19	50	14	122	95	185	971	1473
AZAMC16	M16 x 140	-	25	125	107	24	120	18	192	145	290	1334	2744

ZA-TO

Loose bolt

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMT06	M6 x 50	1	12	60	48	10	7	7	100	62	125	535	351
AZAMT08	M8 x 60	10	14	65	50	13	15	9	100	65	130	575	640
AZAMT10	M10 x 80	20	16	75	58	17	30	12	102	80	155	743	891
AZAMT12	M12 x 100	25	20	90	72	19	50	14	122	95	185	971	1473
AZAMT16	M16 x 140	30	25	125	107	24	120	18	192	145	290	1334	2744

ZA-TL

Long loose bolt

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ZT06L10	M6 x 60	10	12	60	48	10	7	7	100	62	125	535	351
ZT06L30	M6 x 80	30	12	60	48	10	7	7	100	62	125	535	351
ZT08L15	M8 x 70	15	14	65	50	13	15	9	100	65	130	575	640
ZT08L35	M8 x 90	35	14	65	50	13	15	9	100	65	130	575	640
ZT08L45	M8 x 100	45	14	65	50	13	15	9	100	65	130	575	640
ZT10L10	M10 x 70	10	16	75	58	17	30	12	102	80	155	743	891
ZT10L30	M10 x 90	30	16	75	58	17	30	12	102	80	155	743	891
ZT10L50	M10 x 110	50	16	75	58	17	30	12	102	80	155	743	891
ZT10L80	M10 x 140	80	16	75	58	17	30	12	102	80	155	743	891
ZT12L15	M12 x 90	15	20	90	72	19	50	14	122	95	185	971	1473
ZT12L45	M12 x 120	45	20	90	72	19	50	14	122	95	185	971	1473
ZT12L65	M12 x 140	65	20	90	72	19	50	14	122	95	185	971	1473

ZA-PR

Long loose bolt with pipe

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ZP06C40	M6 x 90	40	12	60	48	10	7	14	100	62	125	535	351
ZP08C15	M8 x 70	15	14	65	50	13	7	16	100	65	130	575	640
ZP08C45	M8 x 100	45	14	65	50	13	30	16	100	80	130	575	640
ZP10C50	M10 x 110	50	16	75	58	17	30	18	102	80	155	743	891
ZP10C80	M10 x 140	80	16	75	58	17	30	18	102	80	155	743	891
ZP12C15	M12 x 90	15	20	90	72	19	50	22	122	95	185	971	1473
ZP12C65	M12 x 140	65	20	90	72	19	50	22	122	95	185	971	1473

ZA-ES

Projecting bolt

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAME06	M6 x 60	1	12	60	48	10	7	7	100	62	125	415	246
AZAME08	M8 x 70	10	14	65	50	13	15	9	100	65	130	575	448
AZAME10	M10 x 100	30	16	75	58	17	30	12	102	80	155	743	709
AZAME12	M12 x 120	30	20	90	72	19	50	14	122	95	185	971	1031
AZAME16	M16 x 140	12	25	125	107	24	120	18	192	145	290	1334	1920

ZA-GA

Hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMG06	M6 x 48	10	12	60	48	10	7	-	100	62	125	73	-
AZAMG08	M8 x 50	13	14	65	50	13	15	-	100	65	130	146	-
AZAMG10	M10 x 58	14	16	75	58	17	30	-	102	80	155	243	-
AZAMG12	M12 x 72	22	20	90	72	19	50	-	122	95	185	316	-

ZA-GF

Forged hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMGF006	M6 x 60	10	12	60	48	10	7	-	100	62	125	84	-
AZAMGF008	M8 x 70	11	14	65	50	13	15	-	100	65	130	155	-
AZAMGF010	M10 x 100	14	16	75	58	17	30	-	102	80	155	284	-
AZAMGF012	M12 x 120	18	20	90	72	19	50	-	122	95	185	396	-

ZA-AR

Eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMA06	M6 x 48	10	12	60	48	10	7	-	100	62	125	73	-
AZAMA08	M8 x 50	13	14	65	50	13	15	-	100	65	130	146	-
AZAMA10	M10 x 58	14	16	75	58	17	30	-	102	80	155	243	-
AZAMA12	M12 x 72	22	20	90	72	19	50	-	122	95	185	316	-

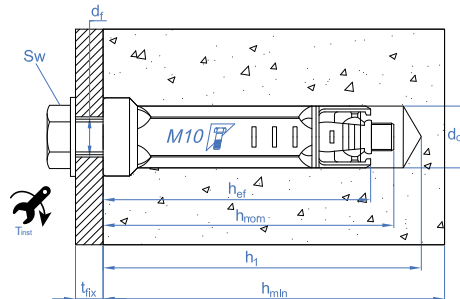
ZA-AF

Forged eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AZAMAF006	M6 x 48	10	12	60	48	10	7	-	100	62	125	204	-
AZAMAF008	M8 x 50	12	14	65	50	13	15	-	100	65	130	555	-
AZAMAF010	M10 x 58	14	16	75	58	17	30	-	102	80	155	743	-
AZAMAF012	M12 x 72	17	20	90	72	19	50	-	122	95	185	820	-

AC

Winged steel anchor for heavy-duty fixings



AC-CA

Shield

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACCA06	M6 x 40	-	10	55	40	10	10	7	100	60	120	143	351
AACCA08	M8 x 50	-	14	70	50	13	25	9	100	75	150	163	640
AACCA10	M10 x 60	-	16	80	60	17	50	12	120	90	180	510	1014
AACCA12	M12 x 80	-	20	90	80	19	85	14	160	120	240	602	1473
AACCA16	M16 x 100	-	25	115	100	24	120	18	200	150	300	837	2744

AC-CI

Stainless steel A4 shield

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACCI06	M6 x 40	-	10	55	40	10	10	7	100	60	120	143	329
AACCI08	M8 x 50	-	14	70	50	13	25	9	100	75	150	163	600
AACCI10	M10 x 60	-	16	80	60	17	50	12	120	90	180	510	950
AACCI12	M12 x 80	-	20	90	80	19	85	14	160	120	240	602	1381

AC-TO

Loose bolt 6.8

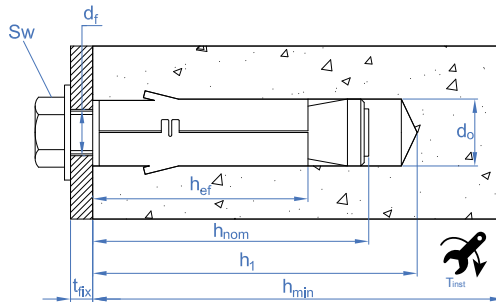
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACTO06	M6 x 50	8	10	55	40	10	10	7	100	60	120	143	351
AACTO08	M8 x 60	8	14	70	50	13	25	9	100	75	150	163	640
AACTO10	M10 x 70	8	16	80	60	17	50	12	120	90	180	510	1014
AACTO12	M12 x 125	18	20	90	80	19	85	14	160	120	240	602	1473
AACTO16	M16 x 125	17	25	115	100	24	120	18	200	150	300	837	2744

AC-ES Projecting bolt													
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACES06	M6 x 60	8	10	55	40	10	10	7	100	60	120	143	246
AACES08	M8 x 70	8	14	70	50	13	25	9	100	75	150	163	448
AACES10	M10 x 80	8	16	80	60	17	50	12	120	90	180	510	709
AACES12	M12 x 115	17	20	90	80	19	85	14	160	120	240	602	1031

AC-GA Hook bolt													
CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACGA06	M6 x 55	10	10	55	40	10	10	-	100	60	120	82	-
AACGA08	M8 x 60	11	14	70	50	13	25	-	100	75	150	153	-
AACGA10	M10 x 73	14	16	80	60	17	50	-	120	90	180	286	-
AACGA12	M12 x 90	18	20	90	80	19	85	-	160	120	240	398	-

AC-AR Eye bolt													
CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AACAR06	M6 x 55	10	10	55	40	10	10	-	100	60	120	204	-
AACAR08	M8 x 60	12	14	70	50	13	25	-	100	75	150	378	-
AACAR10	M10 x 73	14	16	80	60	17	50	-	120	90	180	765	-
AACAR12	M12 x 90	17	20	90	80	19	85	-	160	120	240	816	-

HI Anti-spin sleeve anchor, for heavy-duty loads



HI-CA Shield													
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AHICA0645	M6 x 45	-	12	60	45	10	10	7	100	45	90	335	402
AHICA0855	M8 x 55	-	14	65	50	13	20	9	100	55	105	422	507
AHICA1065	M10 x 65	-	16	75	60	17	40	12	100	70	135	615	739
AHICA1275	M12 x 75	-	20	90	70	19	65	14	110	85	165	832	1841
AHICA1690	M16 x 90	-	24	105	100	24	150	18	140	105	210	1194	2866

HI-CI Stainless steel A2 shield													
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AHIC10645	M6 x 60	-	12	60	45	10	10	7	100	45	90	369	329
AHIC10855	M8 x 65	-	14	65	50	13	20	9	100	55	105	555	600
AHIC11065	M10 x 81	-	16	75	60	17	40	12	100	70	135	721	865

HI-TO Loose bolt 8.8													
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AHITO0645	M6 x 50	8	12	60	45	10	10	7	100	45	90	335	402
AHITO0855	M8 x 60	15	14	65	50	13	20	9	100	55	105	422	507
AHITO1065	M10 x 80	23	16	75	60	17	40	12	100	70	135	615	739
AHITO1275	M12 x 100	30	20	90	70	19	65	14	110	85	165	832	1841
AHITO1690	M16 x 110	17	24	105	100	24	150	18	140	105	210	1194	2866

HI-GA

Hook bolt

CODE	MXL	APERTURE HOOK	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AHIGA0645	M6 x 55	10	12	60	45	10	10	-	100	45	90	84	-
AHIGA0855	M8 x 60	11	14	65	50	13	20	-	100	55	105	155	-
AHIGA1065	M10 x 73	14	16	75	60	17	40	-	100	70	135	284	-
AHIGA1275	M12 x 90	18	20	90	70	19	65	-	110	85	165	396	-
AHIGA1690	M16 x 110	19	24	105	100	24	150	-	140	105	210	681	-

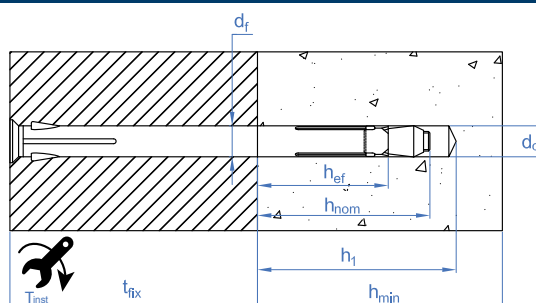
HI-AR

Eye bolt

CODE	MXL	EYE BOLT Ø	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
AHIAR0645	M6 x 60	10	12	60	45	10	10	-	100	45	90	204	-
AHIAR0855	M8 x 65	12	14	65	50	13	20	-	100	55	105	422	-
AHIAR1065	M10 x 81	14	16	75	60	17	40	-	100	70	135	615	-
AHIAR1275	M12 x 98	17	20	90	70	19	65	-	110	85	165	820	-
AHIAR1690	M16 x 120	23	24	105	100	24	150	-	140	105	210	1194	-

EPS

Metal anchor for fixing window and door frames



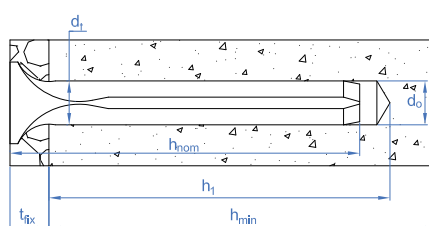
EPS

Metal anchor for fixing window and door frames

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
EPS6072	M6 x 72	40	10	60	40	4	10	70	170	24
EPS6092	M6 x 92	60	10	60	40	4	10	70	170	24
EPS6112	M6 x 112	80	10	60	40	4	10	70	170	24
EPS6132	M6 x 132	100	10	60	40	4	10	70	170	24
EPS6152	M6 x 152	120	10	60	40	4	10	70	170	24
EPS6182	M6 x 182	150	10	60	40	4	10	70	170	24

TRA

Express nail for batten fixings to concrete floors



TRA

Express nail for batten fixings to concrete floors

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TRA6050	6 x 50	20	6	40	30	6	35	40	30
TRA6060	6 x 60	30	6	40	30	6	35	40	30
TRA6080	6 x 80	50	6	40	30	6	35	40	30
TRA8070	8 x 70	30	8	50	40	8	45	50	40
TRA8090	8 x 90	50	8	50	40	8	45	50	40
TRA8110	8 x 110	70	8	50	40	8	45	50	40
TRA8130	8 x 130	90	8	50	40	8	45	50	40
TRA8150	8 x 150	110	8	50	40	8	45	50	40

CONCRETE SET UP

1 DRILL

Check:

- The concrete base is compact and porosity is insignificant.
- That the product is suitable for wet, dry or flooded drill holes.
- Cartridge temperature is correct (check table).
- Base material temperature is correct (check table).

Use drill in percussion or hammer mode.

Drill to the specified diameter and depth values specified in the product data sheet.

2 - 6 BLOW AND CLEAN

Clear the drill holes completely of dust and fragments by following the procedure shown in the picture. Use the air pump and brush.

If the product is not suitable for wet drill holes and the hole is flooded, the water inside must be removed before mortar is injected.

A - B* - C OPEN CARTRIDGE

Screw the nozzle into the cartridge and place the assembly in the application gun. Squeeze on the trigger repeatedly until the mortar comes out of the nozzle in a uniform grey colour. Any iridescence indicates improper mixing. Always discard the first two doses of each cartridge: these are never to be used for fixing. *For 300 ml cartridges, cut end of bag, behind seal clip. ** Valid only for 300 ml and 410 ml cartridges. For MOPURE and MOPUR3 see technical data sheet

7 INJECT MORTAR

Insert the nozzle to the bottom of the drill hole and apply mortar: gradually remove the nozzle, ensuring there are no air bubble.

Fill the hole to $\frac{1}{2}$ and $\frac{3}{4}$ of its depth.

In the event of not fully using the cartridge, leave nozzle attached.

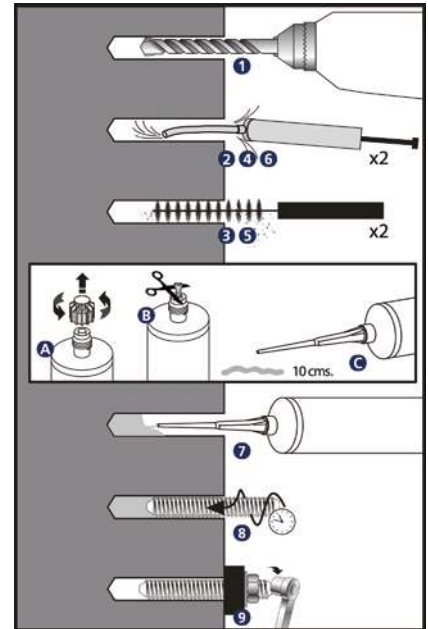
Only change if using again and handling time has expired, remembering to discard the first two doses of mortar.

8 INSTALLATION

Introduce the stud to be installed by screwing it lightly down to the installation depth value manually; ensuring the mortar covers the stud thread. The introduction of the anchor must take place within the handling time. The mortar must seep from the top of the drill hole to ensure it is completely full and there are no gaps between the stud and the drill hole.

9 APPLY TORQUE

Once the curing time has elapsed, apply torque, never exceeding the values indicated in the table.



MASONRY SET UP

1 DRILL

Check:

- The concrete base is compact and porosity is insignificant.
- That the product is suitable for wet, dry or flooded drill holes.
- Cartridge temperature is correct (check table).
- Base material temperature is correct (check table).

Use drill in rotation mode.

Drill to the specified diameter and depth values specified in the product data sheet.

2 - 6 BLOW AND CLEAN

Clear the drill holes completely of dust and fragments by following the procedure shown in the picture.

If the drill hole is flooded, the water must be removed before mortar is injected.

4 POSITION SLEEVE (S)

Insert the metal or plastic sleeve into the drill hole so it is level with the surface of the base material.

A - B* - C OPEN CARTRIDGE**

Screw the nozzle into the cartridge and place the assembly in the application gun. Squeeze on the trigger repeatedly until the mortar comes out of the nozzle in a uniform grey colour. Any iridescence indicates improper mixing. Always discard the first two doses of each cartridge, these are never to be used for fixing. *For 170 ml and 300 ml cartridges, cut end of bag, behind seal clip. ** Valid only for 300 ml and 410 ml cartridges. For MOPURE and MOPUR3 see technical data sheet.

5 INJECT MORTAR

Insert the nozzle to the bottom of the drill hole and apply mortar: gradually remove the nozzle, ensuring there are no air bubbles. Fill the sleeve fully.

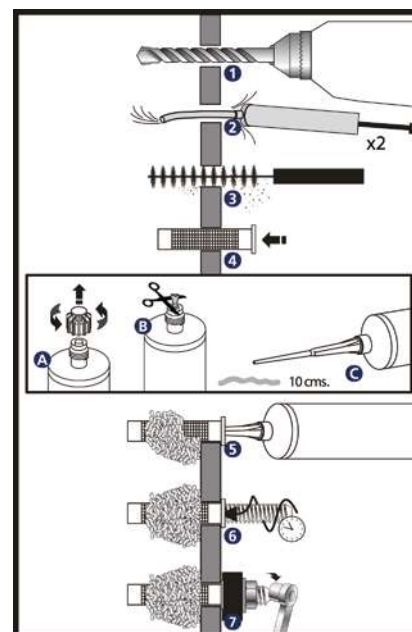
In the event of not fully using the cartridge, leave nozzle attached. Only change if using again and handling time has expired, remembering to discard the first two doses of mortar.

8 INSTALLATION

Introduce the stud to be installed by screwing it lightly down to the installation depth value manually; ensuring the mortar covers the stud thread. The introduction of the anchor must take place within the handling time. The mortar must seep from the top of the sleeve hole to ensure it is completely full and there are no gaps between the stud and the drill hole.

7 APPLY TORQUE

Once the curing time has elapsed, apply torque, never exceeding the values indicated in the table.



INSTALLATION WITH PLASTIC SLEEVE

SIZE	M8	M10	M12
OUTER SLEEVE DIAMETER	15	15	20
DRILL HOLE LENGTH	90	90	90
PLASTIC SLEEVE	MOTN15085	MOTN15085	MOTN20085

INSTALLATION WITH STEEL THREADED SLEEVE

SIZE	M8	M10	M12
OUTER SLEEVE DIAMETER	15	20	20
DRILL HOLE LENGTH	90	90	90
METAL THREADED SLEEVE	MOTR008	MOTR010	MOTR012
PLASTIC SLEEVE	MOTN15085	MOTN20085	MOTN20085

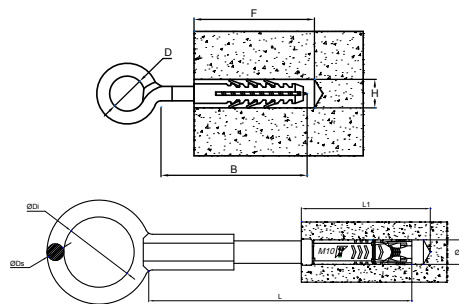
MANIPULATION / CURED TIMES

		0/5	5/10	10/15	15/20	20/25	25,30	30/35	35/40	+40
MO-P	HANDLING	18	12	6	6	4	3	2	1,5	1,5
	CURING	120	120	80	80	40	30	20	15	10
MO-PS	HANDLING	18	10	6	6	5	4	4	--	--
	CURING	145	145	85	85	40	35	35	--	--
MO-PSP	HANDLING	18	10	6	6	5	4	4	--	--
	CURING	145	145	85	85	40	35	35	--	--
MO-V	HANDLING	18	12	6	6	4	3	2	1,5	1,5
	CURING	120	120	80	80	40	30	20	15	10
MO-VS	HANDLING	18	10	6	6	5	4	4	--	--
	CURING	145	145	85	85	50	40	35	--	--
MO-H	HANDLING	--	10	8	6	5	4	--	--	--
	CURING	--	145	85	75	50	40	--	--	--
MO-HW	HANDLING	10	5	5	5	100 s	--	--	--	--
	CURING	75	50	50	50	20	--	--	--	--
MOPU-RE	HANDLING	--	20	20	15	11	8	6	4	3
	CURING	--	1440	720	480	420	360	300	240	180
MO-PUR3	HANDLING	300	150	40	25	18	12	8	6	--
	CURING	1440	1440	1080	720	480	360	240	120	--
MO-PU	HANDLING	18	12	6	6	4	3	2	1,5	1,5
	CURING	120	120	80	80	40	30	20	15	10

Minutes

ANFA

Scaffolding anchoring



AN-23

Eye diameter 23 mm

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	EYE BOLT Ø	SUITABLE FOR	TENSION LOAD NON-CRACKED CONCRETE
ANFA2309	12 x 90	14 ø 16	100	90	130	23	TCSO Ø14 o Ø16	119
ANFA2312	12 x 120	14 ø 16	130	120	160	23	TCSO Ø14 o Ø16	119
ANFA2316	12 x 160	14 ø 16	170	160	200	23	TCSO Ø14 o Ø16	119
ANFA2319	12 x 190	14 ø 16	200	190	230	23	TCSO Ø14 o Ø16	119
ANFA2323	12 x 230	14 ø 16	240	230	270	23	TCSO Ø14 o Ø16	119
ANFA2330	12 x 300	14 ø 16	310	300	340	23	TCSO Ø14 o Ø16	119
ANFA2335	12 x 350	14 ø 16	360	350	390	23	TCSO Ø14 o Ø16	119

AN-51

Eye diameter 51 mm

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	EYE BOLT Ø	SUITABLE FOR	TENSION LOAD NON-CRACKED CONCRETE
ANFA5114	12 x 140	14 o 16	150	140	180	51	TCSO Ø14 o Ø16	119
ANFA5116	12 x 160	14 o 16	170	160	200	51	TCSO Ø14 o Ø16	119
ANFA5120	12 x 200	14 o 16	210	200	240	51	TCSO Ø14 o Ø16	119
ANFA5124	12 x 240	14 o 16	250	240	280	51	TCSO Ø14 o Ø16	119

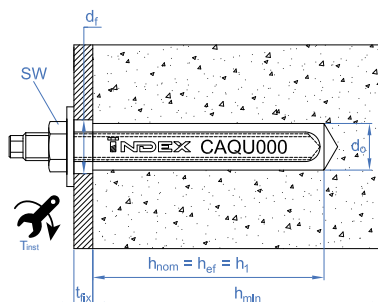
AN-50 CT

Eye diameter 50 mm + zamak shield M10

CODE	MXL	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	EYE BOLT Ø	TENSION LOAD NON-CRACKED CONCRETE
ANFAZ5021	M10 x 210	120	160	50	200

CA

Chemical anchor capsule



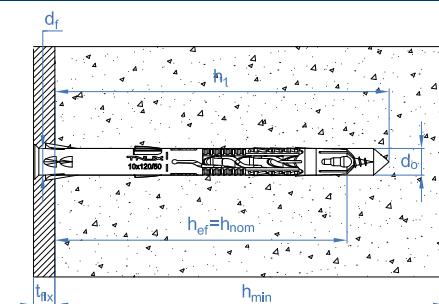
CA-QU

Epoxy resin, quartz and a phial of hardener. Option 8 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE 'A'	MIN. DISTANCE FROM AXIS 'B'	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
CAQU008	8 x 80	17	10	80	80	13	10	9	110	120	240	809	524
CAQU010	10 x 90	25	12	90	90	17	20	12	120	90	180	1214	815
CAQU012	12 x 110	32	14	110	110	19	40	14	140	110	220	1618	1223
CAQU016	16 x 125	44	18	125	125	24	80	18	160	125	250	2023	2272
CAQU020	20 x 170	66	25	170	170	30	120	22	220	170	340	3034	3553
CAQU024	24 x 210	62	28	210	210	36	180	26	260	210	420	3641	5126
CAQU030	30 x 280	22	35	280	280	46	280	33	360	280	560	5461	8496

T-NUX

Universal high performance nylon plug



T-NUX A

Countersunk head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE 'A'	MIN. DISTANCE FROM AXIS 'B'	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TNUXA08060	8 x 60	-	8	70	70	TX30	8 - 8,5	100	60	100	141	263
TNUXA08080	8 x 80	10	8	90	70	TX30	8 - 8,5	100	60	100	141	263
TNUXA08100	8 x 100	30	8	90	70	TX30	8 - 8,5	100	60	100	141	263
TNUXA08120	8 x 120	50	8	90	70	TX30	8 - 8,5	100	60	100	141	263
TNUXA10060	10 x 60	-	10	70	70	TX40	10 - 11	100	60	100	202	364
TNUXA10080	10 x 80	10	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10100	10 x 100	30	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10120	10 x 120	50	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10140	10 x 140	70	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10160	10 x 160	90	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10180	10 x 180	110	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10200	10 x 200	130	10	90	70	TX40	10 - 11	100	70	100	202	364
TNUXA10230	10 x 230	160	10	90	70	TX40	10 - 11	100	70	100	202	364

T-NUX A A4

A4 Stainless steel. Countersunk head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TNXA408080	8 x 80	10	8	90	70	TX30	8 - 8,5	100	60	100	141	307
TNXA408100	8 x 100	30	8	90	70	TX30	8 - 8,5	100	60	100	141	307
TNXA408120	8 x 120	50	8	90	70	TX30	8 - 8,5	100	60	100	141	307
TNXA410080	10 x 80	10	10	90	70	TX40	10 - 11	100	70	100	202	425
TNXA410100	10 x 100	30	10	90	70	TX40	10 - 11	100	70	100	202	425
TNXA410120	10 x 120	50	10	90	70	TX40	10 - 11	100	70	100	202	425
TNXA410140	10 x 140	70	10	90	70	TX40	10 - 11	100	70	100	202	425

T-NUX E

Hexagonal head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TNUXE08060	8 x 60	-	8	70	70	SW10/TX30	8 - 8,5	100	60	100	141	263
TNUXE08080	8 x 80	10	8	90	70	SW10/TX30	8 - 8,5	100	60	100	141	263
TNUXE08100	8 x 100	30	8	90	70	SW10/TX30	8 - 8,5	100	60	100	141	263
TNUXE08120	8 x 120	50	8	90	70	SW10/TX30	8 - 8,5	100	60	100	141	263
TNUXE10060	10 x 60	-	10	70	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10080	10 x 80	10	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10100	10 x 100	30	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10120	10 x 120	50	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10140	10 x 140	70	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10160	10 x 160	90	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10180	10 x 180	110	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10200	10 x 200	130	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364
TNUXE10230	10 x 230	160	10	90	70	SW13/TX40	10 - 11	100	70	100	202	364

T-NUX E A4

A4 Stainless steel. Hexagonal head. Option 7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TNXE408080	8 x 80	10	8	90	70	SW10/TX30	8 - 8,5	100	60	100	141	307
TNXE408100	8 x 100	30	8	90	70	SW10/TX30	8 - 8,5	100	60	100	141	307
TNXE410080	10 x 80	10	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425
TNXE410100	10 x 100	30	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425
TNXE410120	10 x 120	50	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425
TNXE410140	10 x 140	70	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425

T-NUX T

Tamperproof Truss Head. ETA Assessed.

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TNUXT10080	10 x 80	10	10	90	70	TX40	10 - 11	100	70	100	202	425
TNUXT10100	10 x 100	30	10	90	70	TX40	10 - 11	100	70	100	202	425
TNUXT10120	10 x 120	50	10	90	70	TX40	10 - 11	100	70	100	202	425
TNUXT10140	10 x 140	70	10	90	70	TX40	10 - 11	100	70	100	202	425
TNUXT10160	10 x 160	90	10	90	70	TX40	10 - 11	100	70	100	202	425

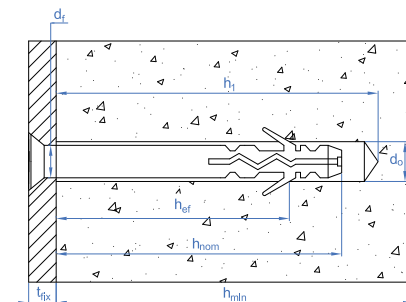
T-FUX E

Cylindrical head wall plug. Hexagonal head screw. ETA Assessed.

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
TFUXE10080	10 x 80	10	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425
TFUXE10100	10 x 100	30	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425
TFUXE10120	10 x 120	50	10	90	70	SW13/TX40	10 - 11	100	70	100	202	425

TCA

Polyamide 6.6 hammerfix nylon plug



TC-6A

Two winged nylon plug with countersunk screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK
TC6A08080	8 x 80	15	8	70	TX30	64	37	37	18
TC6A08100	8 x 100	35	8	70	TX30	64	37	37	18

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK
TC6A08120	8 x 120	55	8	70	TX30	64	37	37	18
TC6A10100	10 x 100	25	10	80	TX40	109	55	53	26
TC6A10120	10 x 120	40	10	80	TX40	109	55	53	26
TC6A10140	10 x 140	60	10	80	TX40	109	55	53	26
TC6A10160	10 x 160	85	10	80	TX40	109	55	53	26
TC6A10200	10 x 200	125	10	80	TX40	109	55	53	26

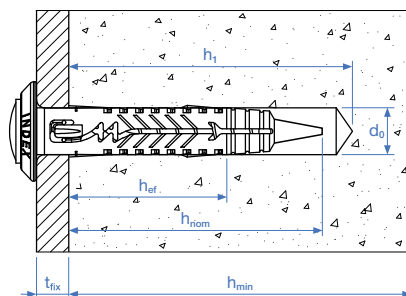
TC-6E Two winged nylon plug with hexagonal screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK
TC6E08080	8 x 80	15	8	70	SW10	64	37	37	18
TC6E08100	8 x 100	35	8	70	SW10	64	37	37	18
TC6E08120	8 x 120	55	8	70	SW10	64	37	37	18
TC6E10100	10 x 100	25	10	80	SW13	109	55	53	26
TC6E10120	10 x 120	40	10	80	SW13	109	55	53	26
TC6E10140	10 x 140	60	10	80	SW13	109	55	53	26
TC6E10160	10 x 160	85	10	80	SW13	109	55	53	26
TC6E10200	10 x 200	125	10	80	SW13	109	55	53	26

TC-2A Two winged nylon plug with countersunk screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TC2A06060	6 x 60	30	6	35	PZ2	34	28	10
TC2A08060	8 x 60	20	8	45	PZ3	34	37	19
TC2A08080	8 x 80	40	8	45	PZ3	40	37	19
TC2A08100	8 x 100	60	8	45	PZ3	40	37	19
TC2A08120	8 x 120	80	8	45	PZ3	40	37	19
TC2A10065	10 x 65	20	10	50	PZ4	45	55	22
TC2A10080	10 x 80	35	10	50	PZ4	45	55	22
TC2A10100	10 x 100	55	10	50	PZ4	45	55	22
TC2A10115	10 x 115	70	10	50	PZ4	45	55	22
TC2A10135	10 x 135	90	10	50	PZ4	45	55	22
TC2A10160	10 x 160	115	10	50	PZ4	45	55	22

TC-SP High expansion hammerfix plug

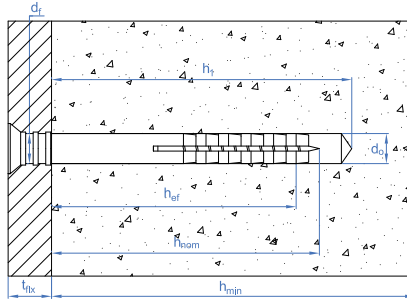


TC-SP With countersunk head

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TCSP05027	5 x 27	5	5	25	PZ2	7	5
TCSP06032	6 x 32	5	6	30	PZ2	10	7
TCSP06040	6 x 40	10	6	30	PZ2	10	7

TC

Hammerfix assembled anchor, saw-tooth thread, polyamide 6.6



TC-CA

Countersunk plug

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TCCA05025	5 x 25	5	5	30	PZ2	20	20	4
TCCA05030	5 x 30	5	5	30	PZ2	20	20	4
TCCA05035	5 x 35	10	5	30	PZ2	20	20	4
TCCA05050	5 x 50	25	5	30	PZ2	20	20	4
TCCA06035	6 x 35	10	6	35	PZ2	27	26	5
TCCA06040	6 x 40	10	6	35	PZ2	27	26	5
TCCA06050	6 x 50	20	6	35	PZ2	27	26	5
TCCA06060	6 x 60	30	6	35	PZ2	27	26	5
TCCA06070	6 x 70	40	6	35	PZ2	27	26	5
TCCA06080	6 x 80	50	6	35	PZ2	27	26	5
TCCA08060	8 x 60	20	8	45	PZ3	38	30	7
TCCA08080	8 x 80	40	8	45	PZ3	38	30	7
TCCA08100	8 x 100	60	8	45	PZ3	38	30	7
TCCA08120	8 x 120	80	8	45	PZ3	38	30	7
TCCA08140	8 x 140	100	8	45	PZ3	38	30	7

TC-A2

Countersunk plug and A2 stainless steel screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TCA205030	5 x 30	5	5	30	PZ2	20	20	4
TCA206040	6 x 40	10	6	35	PZ2	27	26	5
TCA206060	6 x 60	30	6	35	PZ 2	27	26	5
TCA208060	8 x 60	20	8	45	PZ3	38	30	7
TCA208080	8 x 80	40	8	45	PZ3	38	30	7
TCA208100	8 x 100	60	8	45	PZ3	38	30	7

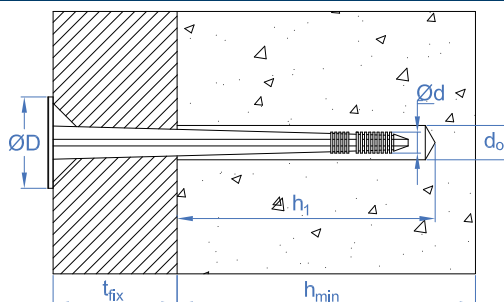
TC-CC

Cylindrical head plug

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TCCC05025	5 x 25	5	5	30	PZ2	20	20	4
TCCC05030	5 x 30	5	5	30	PZ2	20	20	4
TCCC05035	5 x 35	10	5	30	PZ2	20	20	4
TCCC05050	5 x 50	25	5	30	PZ2	20	20	4
TCCC06035	6 x 35	10	6	35	PZ2	27	26	5
TCCC06040	6 x 40	10	6	35	PZ2	27	26	5
TCCC06050	6 x 50	20	6	35	PZ2	27	26	5
TCCC06060	6 x 60	30	6	35	PZ2	27	26	5
TCCC06070	6 x 70	40	6	35	PZ2	27	26	5
TCCC08060	8 x 60	20	8	45	PZ3	38	30	7
TCCC08080	8 x 80	40	8	45	PZ3	38	30	7
TCCC08100	8 x 100	60	8	45	PZ3	38	30	7
TCCC08120	8 x 120	80	8	45	PZ3	38	30	7
TCCC08140	8 x 135	100	8	45	PZ3	38	30	7

AIS

Fixing plug for insulation panels



AIS Plug

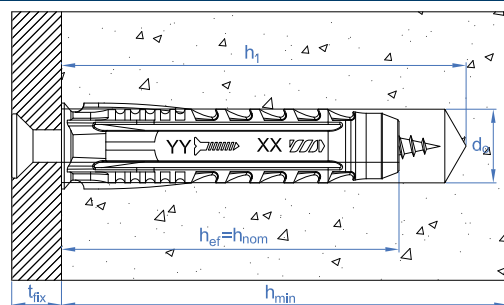
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE
AIS08080	8 x 80	20 - 50	8	30	30	35	1
AIS08100	8 x 100	50 - 70	8	30	30	35	1
AIS08120	8 x 120	70 - 90	8	30	30	35	1
AIS08140	8 x 140	90 - 110	8	30	30	35	1

AIS-C Plug with nail

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE
AISC10070	10 x 70	30 - 40	10	30	30	52	1
AISC10090	10 x 90	40 - 60	10	30	30	52	1
AISC10110	10 x 110	60 - 80	10	30	30	52	1
AISC10130	10 x 130	80 - 100	10	30	30	52	1

T4S

4-way expansion plug for all materials



TN4S 4-way expansion plug

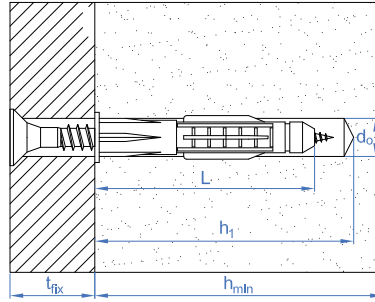
CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK	SCREW SIZE
TN4S05	5 x 25	-	5	30	25	35	15	7	4	TPPO 2,5-4
TN4S06	6 x 30	-	6	40	30	45	15	7	4	TPPO 3,5-4
TN4S08	8 x 40	-	8	50	40	55	40	16	8	TPPO 4,5, TB 5-6
TN4S10	10 x 50	-	10	60	50	65	116	23	11	TB 6-8
TN4S12	12 x 60	-	12	70	60	75	108	40	20	TB 8-10
TN4S14	14 x 70	-	14	80	70	85	193	125	63	TB 10-12

TN4S-L Long plug

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK	SCREW SIZE
TN4S06L	6 x 45	-	6	55	45	60	30	-	6	TPPO 3,5-4
TN4S08L	8 x 60	-	8	70	60	75	80	-	12	TPPO 4,5, TB 5-6
TN4S10L	10 x 80	-	10	90	80	95	240	-	16	TB 6-8

MEDU

Universal plug with collar and knot-like form



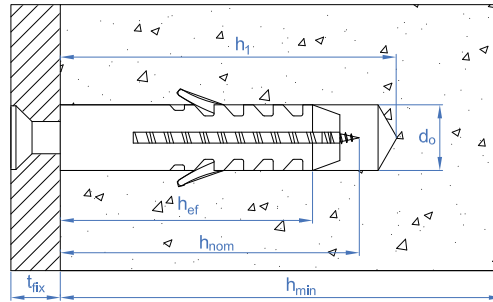
MEDU

Polypropylene

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK	SCREW SIZE
MEDUB06	6 x 35	-	6	45	35	65	8	5	4	TPPO 3,5-4
MEDUB07	8 x 42	-	8	50	42	70	12	5	4	TPPO 4
MEDUB08	8 x 50	-	8	60	50	80	24	5	4	TPPO 4-4,5
MEDUB10	10 x 60	-	10	75	60	95	70	7	5	TPPO 5-6, TB 5-6

TACON

Nylon plug



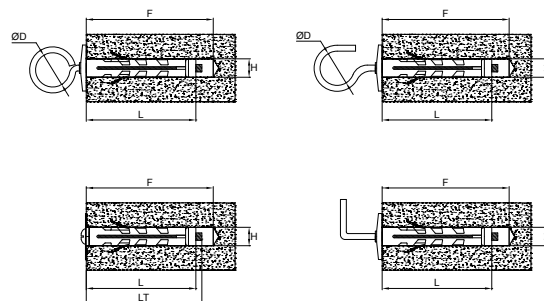
TACON/TACOL/TACOLA

Nylon plug

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK	SCREW SIZE
TACON04	4 x 20	-	4	25	20	30	6	4	6	TPPO 2,5-3
TACON05/TACOL05/	5 x 25	-	5	35	25	40	7	5	9	TPPO 2,5-4
TACON06/TACOL06/TACOLA06	6 x 30	-	6	40	30	45	10	5	10	TPPO 3,5-4
TACON07	7 x 30	-	7	40	30	45	11	6	12	TPPO 4-4,5
TACON08/TACOL08	8 x 40	-	8	50	40	55	12	11	15	TPPO 4,5, TB 5-6
TACON10/TACOL10	10 x 50	-	10	65	50	70	61	16	33	TB 6-8
TACON12/TACOL12	12 x 60	-	12	75	60	80	76	28	37	TB 8-10
TACON14	14 x 70	-	14	90	70	95	167	88	51	TB 10-12
TACON16	16 x 80	-	16	95	80	100	240	100	59	TB 12-14

IPA

Nylon plug in hollow bricks or solid materials



IPA-GR

Corner hook

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
IPAGR09	M4 x 40	-	9	45	40	50	20	8	8
IPAGR12	M5 x 45	-	12	50	45	60	25	12	12

IPA-GN Hook

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	EYE BOLT Ø	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
IPAGN09	M4 x 40	-	9	45	40	50	19	20	8	8
IPAGN12	M5 x 45	-	12	50	45	60	21	25	12	12

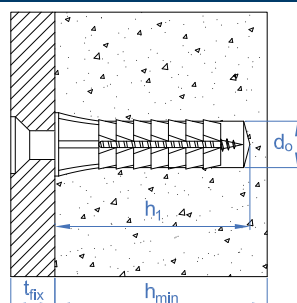
IPA-AR Eye bolt

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	APERTURE HOOK	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
IPAAR09	M4 x 40	-	9	45	40	50	19	20	8	8
IPAAR12	M5 x 45	-	12	50	45	60	21	25	12	12

IPA-TO Screw

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	WASHER Ø	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
IPATO09	M4 x 40	-	9	45	40	50	20	8	8
IPATO12	M5 x 45	-	12	50	45	60	25	12	12

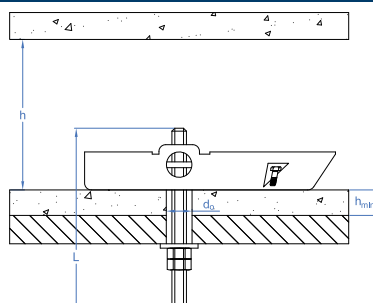
TA-PL Plastic plug, polypropylene



TA-PL Plastic plug, polypropylene

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE
TACOP05	5 x 21	-	5	30	21	35	5
TACOP06	6 x 22	-	6	30	22	35	5
TACOP07	7 x 23	-	7	30	23	35	6
TACOP08	8 x 27	-	8	35	27	40	9
TACOP09	9 x 30	-	9	35	30	40	9
TACOP10	10 x 35	-	10	40	35	45	13
TACOP11	10 x 43	-	10	50	43	55	15
TACOP12	12 x 45	-	12	50	45	55	17
TACOP14	14 x 48	-	14	55	48	60	28

BA-NO Gravity toggle for fixing lightweight in ceilings



BA-ES Projecting bolt

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED s	DRILL Ø	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
BAESM04	M4 x 100	74	14	70	10	5	5
BAESM05	M5 x 100	72	14	70	12	5	5
BAESM06	M6 x 100	68	16	75	13	6	6
BAESM08	M8 x 100	60	20	85	14	6	6

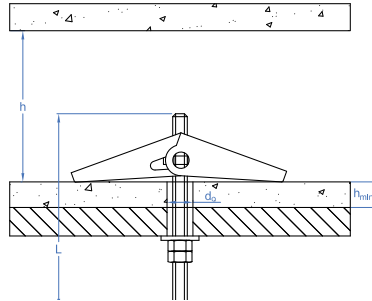
BA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ϵ	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
BAGAM04	M4 x 75	74	14	70	10	5	5
BAGAM05	M5 x 80	72	14	70	12	5	5
BAGAM06	M6 x 85	68	16	75	13	6	6
BAGAM08	M8 x 90	60	20	85	14	6	6

PA-LO

Spring toggle



PA-ES

Projecting bolt

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ϵ	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
PAESM04	M4 x 100	75	12	26	10	5	5
PAESM05	M5 x 100	70	15	33	12	5	5
PAESM06	M6 x 100	66	18	37	13	6	6
PAESM08	M8 x 100	61	22	54	14	6	6

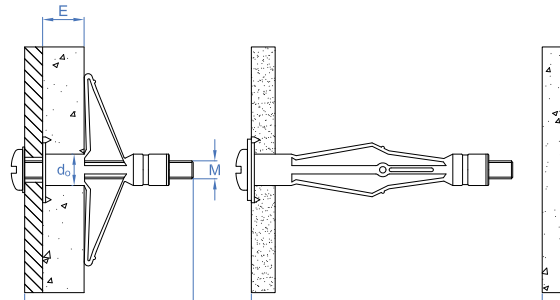
PA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ϵ	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
PAGAM04	M4 x 75	75	12	26	10	5	5
PAGAM05	M5 x 80	70	15	33	12	5	5
PAGAM06	M6 x 85	66	18	37	13	6	6
PAGAM08	M8 x 95	61	22	54	14	6	6

IN

Indemoll anchor for hollow elements fixing



IN-CO

With panhead screw

CODE	MXL	DRILL ϕ	MINIMUM CAVITY "H"	MIN. SUBSTRATE THICKNESS	MAX. FIXTURE THICKNESS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
INCO421	M4 x 30	8	30	1-5	17 -hmin	20	20
INCO432	M4 x 41	8	41	3-10	22 -hmin	20	20
INCO438	M4 x 347	8	47	9-16	30 -hmin	20	20
INCO446	M4 x 53	8	53	15-22	33 -hmin	20	20
INCO459	M4 x 67	8	67	31-36	52 -hmin	20	20
INCO537	M5 x 46	10	46	5-14	26 -hmin	20	25
INCO552	M5 x 59	10	59	6-18	42 -hmin	20	30
INCO565	M5 x 72	10	72	16-33	55 -hmin	20	30
INCO580	M5 x 89	10	89	33-46	61 -hmin	20	30
INCO637	M6 x 46	12	46	5-13	25 -hmin	15	20
INCO652	M6 x 59	12	59	6-17	38 -hmin	20	25
INCO665	M6 x 72	12	72	14-32	49 -hmin	20	25
INCO680	M6 x 89	12	89	34-46	78 -hmin	20	25

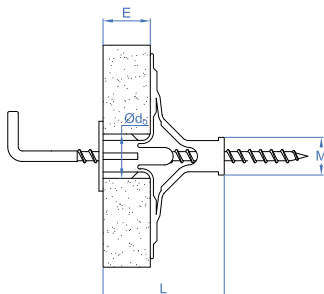
IN-HE

With hexagonal screw

CODE	MXL	DRILL Ø	MINIMUM CAVITY "H"	MIN. SUBSTRATE THICKNESS	MAX. FIXTURE THICKNESS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
INHE837	M8 x 45	14	45	5-13	25 -hmin	20	40
INHE855	M8 x 60	14	60	6-18	36 -hmin	20	40
INHE865	M8 x 73	14	73	17-33	47 -hmin	20	40

ANCLA

Nylon plug for hollow bricks and plasterboard



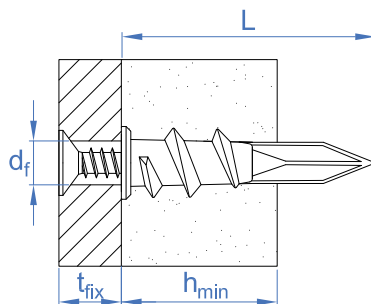
ANCLA

Nylon anchor for use in hollow bricks and plasterboard panel walls

CODE	MXL	DRILL Ø	MIN. SUBSTRATE THICKNESS	TENSION LOAD HOLLOW BRICK	TENSION LOAD PLASTERBOARD
ANCLA40	10 x 40	10	4-12	30	9
ANCLA47	10 x 47	10	15-19	30	9

TAPLA

Plugs for plasterboard



TAPLA NY

Nylon plug

CODE	MXL	MIN. SUBSTRATE THICKNESS	SUITABLE FOR	N° RECESS	TENSION LOAD PLASTERBOARD
TAPLANY	15 x 33	9-16	TPPO 4,5 x 40 / DIN-7981 4,2 x 38	PH3	8

TAPLA ME

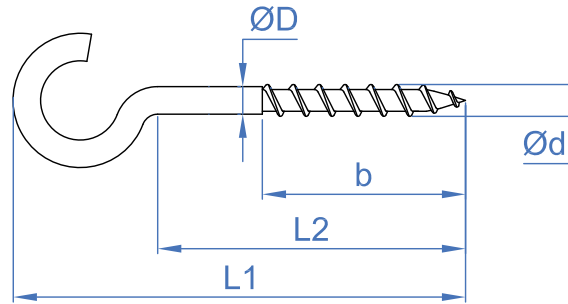
Zamak plug with DIN 7981 4,2 x 32

CODE	MXL	MIN. SUBSTRATE THICKNESS	SUITABLE FOR	N° RECESS	TENSION LOAD PLASTERBOARD
TAPLAME	13 x 32	9-16	DIN-7981 4,2 x 32	PH2/PH3	8

TAPLA ZK

Zamak plug

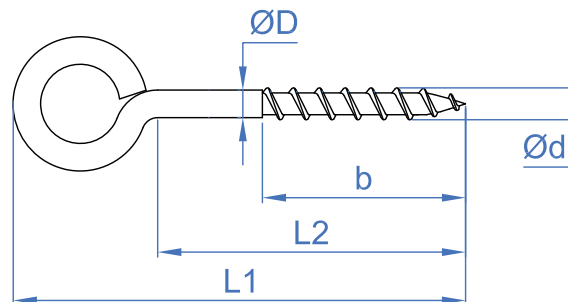
CODE	MXL	MIN. SUBSTRATE THICKNESS	SUITABLE FOR	N° RECESS	TENSION LOAD PLASTERBOARD
TAPLAZK	13 x 37	9-16	TPPO 4,5 x 50 / DIN-7981 4,2 x 38	PZ3	8



AL-HA

Open steel eye bolt

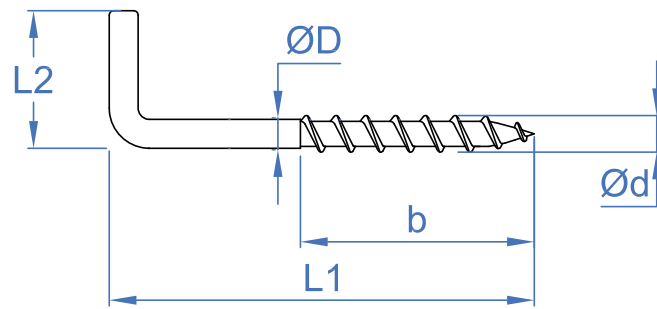
CODE	MXL	ØD	L1	B	L2	ØD
ALHA14025	2,6 x 18 x 7	2.6	18	7	10	2.1
ALHA16030	3,1 x 22 x 9	3.1	22	9	12	2.4
ALHA17040	3,5 x 26 x 10	3.5	26	10	14	2.7
ALHA18040	4,1 x 29 x 10	4.1	29	10	15	3.2
ALHA18050	4,1 x 34 x 12	4.1	34	12	20	3.2
ALHA19050	4,4 x 33 x 12	4.4	33	12	18	3.4
ALHA19060	4,4 x 39 x 15	4.4	39	15	22	3.4
ALHA19070	4,4 x 41 x 15	4.4	41	15	24	3.4
ALHA20050	5 x 35 x 12	5	35	12	19	3.9
ALHA20060	5 x 39 x 12	5	39	12	21	3.9
ALHA20070	5 x 44 x 14	5	44	14	26	3.9
ALHA20080	5 x 50 x 18	5	50	18	30	3.9
ALHA21070	5,6 x 43 x 14	5.6	43	14	23	4.4
ALHA21080	5,6 x 48 x 14	5.6	48	14	28	4.4
ALHA21090	5,6 x 56 x 14	5.6	56	14	32	4.4
ALHA21100	5,6 x 61 x 18	5.6	61	18	37	4.4
ALHA22110	6 x 69 x 24	6	69	24	43	4.7
ALHA22120	6 x 74 x 29	6	74	29	48	4.7
ALHA23130	6,3 x 82 x 35	6.3	82	35	55	5.2



AL-HC

Closed steel eye bolt

CODE	MXL	ØD	L1	B	L2	ØD
ALHC14025	2,6 x 18 x 7	2.6	18	7	10	2.1
ALHC16030	3,1 x 22 x 9	3.1	22	9	12	2.4
ALHC17040	3,5 x 28 x 10	3.5	28	10	14	2.7
ALHC18040	4,1 x 30 x 10	4.1	30	10	15	3.2
ALHC18050	3,7 x 39 x 12	3.7	39	12	20	3.2
ALHC19050	4,4 x 35 x 12	4.4	35	12	18	3.4
ALHC19060	4,4 x 42 x 15	4.4	42	15	22	3.4
ALHC19070	4,4 x 44 x 15	4.4	44	15	24	3.4
ALHC20050	5 x 39 x 12	5	39	12	19	3.9
ALHC20060	5 x 41 x 12	5	41	12	21	3.9
ALHC20070	5 x 48 x 14	5	48	14	26	3.9
ALHC20080	5 x 54 x 18	5	54	18	30	3.9
ALHC21070	5,6 x 49 x 14	5.6	49	14	23	4.4
ALHC21080	5,6 x 54 x 14	5.6	54	14	28	4.4
ALHC21090	5,6 x 61 x 14	5.6	61	14	32	4.4
ALHC21100	5,6 x 66 x 18	5.6	66	18	37	4.4
ALHC22110	6 x 73 x 24	6	73	24	43	4.7
ALHC22120	6 x 81 x 29	6	81	29	48	4.7
ALHC23130	6,3 x 89 x 35	6.3	89	35	55	5.2



AL-RO

Steel hook bolt

CODE	MXL	ØD	L1	L2	B	ØD
ALRO14025	2,6 x 17 x 10	2.6	17	10	10	2
ALRO16030	3,1 x 20 x 10	3.1	20	10	12	2.4
ALRO17040	3,5 x 29 x 13	3.5	29	13	17	2.7
ALRO18040	3,7 x 28 x 14	3.7	28	14	17	2.9
ALRO18050	3,7 x 37 x 15	3.7	37	15	22	2.9
ALRO19050	4,4 x 37 x 15	4.4	37	15	22	3.4
ALRO19060	4,4 x 46 x 17	4.4	46	17	28	3.4
ALRO19070	4,4 x 55 x 18	4.4	55	18	33	3.4
ALRO20060	5 x 44 x 20	5	44	20	26	3.9
ALRO20070	5 x 53 x 20	5	53	20	32	3.9
ALRO20080	5 x 63 x 21	5	63	21	38	3.9
ALRO21080	5,6 x 60 x 22	5.6	60	22	36	4.4
ALRO21090	5,6 x 70 x 22	5.6	70	22	42	4.4
ALRO22100	6 x 79 x 23	6	79	23	47	4.7
ALRO22110	6 x 86 x 23	6	86	23	52	4.7
ALRO22120	6 x 97 x 25	6	97	25	58	4.7
ALRO23130	7,8 x 105 x 25	7.8	105	25	63	5.8

Self-drilling installation parameters

			ø 3.5	ø 3.9	ø 4.2	ø 4.8	ø 5.5	ø 6.3
Maximum installation force	N		150	200	250	250	350	350
Drilling speed	Steel	rpm	1.800 - 2500				1000 - 1800	
	Stainless steel	rpm	1.000 - 1500				600 - 1000	
Maximum torque	Nm		2.8	3.8	4.7	6.9	10.4	16.9



Self tapping pilot hole diameter

Size	Sheet thickness	Ø Hole diameter		Size	Sheet thickness	Ø Hole diameter	
		Aluminium	Steel			Aluminium	Steel
2,9 N°4	0,4 - 0,6	2,20	2,25	4,8 N°10	0,4 - 0,6	-	-
	0,6 - 1,0	2,20	2,40		0,6 - 1,0	3,70	3,80
	1,0 - 1,5	2,25	2,40		1,0 - 1,5	3,70	3,80
	1,5 - 2,5	2,40	2,50		1,5 - 2,5	3,80	3,90
	2,5 - 4,0	-	-		2,5 - 4,0	3,80	4,00
3,5 N°6	0,4 - 0,6	2,70	2,70	5,5 N°12	0,4 - 0,6	-	-
	0,6 - 1,0	2,70	2,80		0,6 - 1,0	4,30	4,40
	1,0 - 1,5	2,80	2,80		1,0 - 1,5	4,30	4,40
	1,5 - 2,5	2,80	2,90		1,5 - 2,5	4,40	4,50
	2,5 - 4,0	-	3,00		2,5 - 4,0	4,40	4,60
3,9 N°7	0,4 - 0,6	-	-	6,3 N°14	0,4 - 0,6	-	-
	0,6 - 1,0	3,00	3,10		0,6 - 1,0	5,00	5,10
	1,0 - 1,5	3,00	3,10		1,0 - 1,5	5,00	5,10
	1,5 - 2,5	3,10	3,20		1,5 - 2,5	5,10	5,20
	2,5 - 4,0	3,10	3,30		2,5 - 4,0	5,10	5,30
4,2 N°8	0,4 - 0,6	-	-				
	0,6 - 1,0	3,20	3,30				
	1,0 - 1,5	3,20	3,30				
	1,5 - 2,5	3,30	3,40				
	2,5 - 4,0	3,30	3,50				



Self-drilling screw selection

PRODUCT	Ø	THICKNESS TO BE DRILLED IN STEEL [mm]																							
AUTO	5,5	4,0																						12,0	
ABE ABR ABP RS	6,3	2,5																		6,0					
	5,5	1,75												5,25											
	4,8	1,75												4,4											
	4,2	1,75												3,0											
	3,9	0,7						2,4																	
	3,5	0,7						2,25																	
ABA / ATA	6,3	2,5																		6,0					
	5,5	1,75												5,0											
	4,8	1,75												4,0											
TAE	4,2	0,75						2,5																	
BCP	4,2	0,7						2,0																	
ARE	6,3	1,0						1,5																	
	5,5	1,0						1,5																	
	4,8	0,3		1,0																					
PS	5,5	1,5																		6,0					
PSL	5,5	6,0																						12,0	

0,00 0,25 0,50 0,75 1,00 1,25 1,50 1,75 2,00 2,25 2,50 2,75 3,00 3,25 3,50 3,75 4,00 4,25 4,50 4,75 5,00 5,25 5,50 5,75 6,00 6,5 7,0 7,5 8,0 8,5 9,0 9,5 10,0 10,5 11,0 11,5 12,0

PRODUCT	Ø	THICKNESS TO BE DRILLED IN ALUMINUM [mm]																							
BIE	4,8	1,75												4,4											
	5,5	1,75												5,25											
	6,3	2,5																		6,0					
BAUTO	5,5	4,0																						12,0	

0,00 0,25 0,50 0,75 1,00 1,25 1,50 1,75 2,00 2,25 2,50 2,75 3,00 3,25 3,50 3,75 4,00 4,25 4,50 4,75 5,00 5,25 5,50 5,75 6,00 6,5 7,0 7,5 8,0 8,5 9,0 9,5 10,0 10,5 11,0 11,5 12,0

Maximum fixture thickness

LENGTH	ST 3,5	ST 3,9	ST 4,2	ST 4,8	ST 5,5	ST 6,3
9,5	2,85					
11	4,2					
13	6,2	5,8	4,3	3,7		
16	9,2	8,8	7,3	5,5		
19	12,1	11,7	10,3	8,7	8,7	7
22	15,1	14,7	13,3	11,7	11,7	10
25	18,1	17,7	16,3	14,7	14,7	13
32	25,1	24,5	23	21,5	21,5	20
38		30,5	29	27,5	27,5	26
45			36	34,5	34,5	33
50			41	39,5	39,5	38
60				49,5	49,5	48
63				52,5	52,5	51
73				62,5	62,5	61
75				64,5	64,5	63
80				69,5		68
90				79,5		78
100				89,5		88
110						98
120						108
130						118
140						128

* Not suitable for AUTO screw

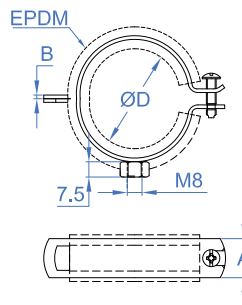
AB-IA / AB-RA Reinforced pipe clamp M8 opened



AB-IA / AB-RA Reinforced pipe clamp M8 opened

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABIA015 / ABRA015	12 - 16	1/4"	20 x 1,5	80
ABIA018 / ABRA018	15 - 19	3/8"	20 x 1,5	80
ABIA022 / ABRA022	20 - 25	1/2"	20 x 1,5	80
ABIA028 / ABRA028	26 - 30	3/4"	20 x 1,5	80
ABIA035 / ABRA035	32 - 36	1"	20 x 1,5	80
ABIA042 / ABRA042	38 - 43	1 1/4"	20 x 1,5	80
ABIA048 / ABRA048	47 - 51	1 1/2"	20 x 1,5	80
ABIA054 / ABRA054	53 - 58	-	20 x 1,5	80
ABIA060 / ABRA060	60 - 64	2"	20 x 1,5	80
ABIA075 / ABRA075	75 - 80	2 1/2"	20 x 1,5	80
ABIA090 / ABRA090	87 - 92	3"	20 x 1,5	80
ABIA100 / ABRA100	99 - 105	3 1/2"	20 x 1,5	80
ABIA110 / ABRA110	107 - 112	-	20 x 1,5	80
ABIA115 / ABRA115	113 - 118	4"	20 x 1,5	80
ABIA125 / ABRA125	125 - 130	4 1/2"	20 x 1,5	80

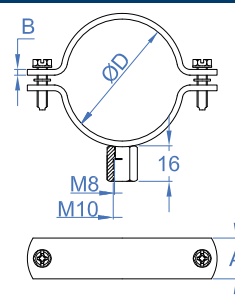
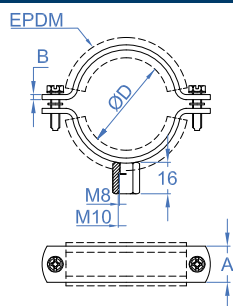
AB-IR Isophonic pipe clamp M8 fast-clip



AB-IR Isophonic pipe clamp M8 fast-clip

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABIR015	14 - 15	1/4"	19 x 1,25	60
ABIR018	16 - 19	3/8"	19 x 1,25	60
ABIR022	21 - 23	1/2"	19 x 1,25	60
ABIR028	26 - 28	3/4"	19 x 1,25	60
ABIR035	32 - 35	1"	19 x 1,25	60
ABIR040	40 - 43	1 1/4"	19 x 1,25	60
ABIR048	48 - 51	1 1/2"	19 x 1,25	60
ABIR054	52 - 56	-	19 x 1,25	60
ABIR060	57 - 60	2"	19 x 1,25	60

AB-RI / AB-RE Reinforced isophonic pipe clamp M8 + M10



AB-RI / AB-RE Reinforced isophonic pipe clamp M8 + M10

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABRI018 / ABRE018	15 - 19	3/8"	19 x 2,3	150
ABRI022 / ABRE022	20 - 25	1/2"	19 x 2,3	150
ABRI028 / ABRE028	26 - 30	3/4"	19 x 1,8	150
ABRI035 / ABRE035	32 - 36	1"	19 x 1,8	150
ABRI040 / ABRE040	38 - 43	1 1/4"	19 x 1,8	150
ABRI048 / ABRE048	47 - 51	1 1/2"	19 x 1,8	150
ABRI054 / ABRE054	53 - 56	-	19 x 1,8	150
ABRI060 / ABRE060	60 - 64	2"	19 x 1,8	150
ABRI070 / ABRE070	68 - 72	-	19 x 1,8	150
ABRI075 / ABRE075	75 - 80	2 1/2"	19 x 1,8	150
ABRI083 / ABRE083	81 - 86	-	19 x 1,8	150
ABRI090 / ABRE090	87 - 92	3"	19 x 1,8	150
ABRI100 / ABRE100	99 - 105	3 1/2"	19 x 1,8	150
ABRI110 / ABRE110	107 - 112	-	19 x 1,8	200
ABRI115 / ABRE115	113 - 118	4"	19 x 1,8	200
ABRI125 / ABRE125	125 - 130	4 1/2"	19 x 2,3	200
ABRI133 / ABRE133	132 - 137	-	19 x 2,3	200
ABRI140 / ABRE140	138 - 142	5"	19 x 2,3	200
ABRI150 / ABRE150	148 - 152	-	19 x 2,3	200
ABRI160 / ABRE160	159 - 166	6"	19 x 2,3	200
ABRI180 / ABRE180	179 - 184	8"	19 x 2,3	200
ABRI200 / ABRE200	199 - 212	-	19 x 2,3	200
ABRI220 / ABRE220	215 - 226	-	19 x 2,3	200
ABRI250 / ABRE250	245 - 254	-	19 x 2,3	200
ABRI280 / ABRE280	278 - 284	-	19 x 2,3	200
ABRI300 / ABRE300	299 - 304	-	19 x 2,3	200
ABRI315 / ABRE315	314 - 319	-	19 x 2,3	200
ABRI355 / ABRE355	354 - 359	-	19 x 2,3	200

AB-RI / AB-RE Reinforced isophonic pipe clamp M8 + M10

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABRI250 / ABRE250	245 - 254	-	19 x 2,3	200
ABRI280 / ABRE280	278 - 284	-	19 x 2,3	200
ABRI300 / ABRE300	299 - 304	-	19 x 2,3	200
ABRI315 / ABRE315	314 - 319	-	19 x 2,3	200
ABRI355 / ABRE355	354 - 359	-	19 x 2,3	200
ABRI400 / ABRE400	399 - 404	-	19 x 2,3	200
ABRI450 / ABRE450	449 - 454	-	19 x 2,3	200
ABRI500 / ABRE500	499 - 504	-	19 x 2,3	200
ABRI560 / ABRE560	555 - 561	-	19 x 2,3	200
ABRI600 / ABRE600	599 - 604	-	19 x 2,3	200
ABRI630 / ABRE630	625 - 631	-	19 x 2,3	200
ABRI710 / ABRE710	705 - 711	-	19 x 2,3	200
ABRI800 / ABRE800	799 - 804	-	19 x 2,3	200
ABRI900 / ABRE900	899 - 904	-	19 x 2,3	200
ABRI910 / ABRE910	999 - 1.004	-	19 x 2,3	200
ABRI911 / ABRE911	1.115 - 1.121	-	19 x 2,3	200
ABRI912 / ABRE912	1.245 - 1.251	-	19 x 2,3	200

AB-RI A2 / AB-RI A4 Reinforced isophonic pipe clamp M8 + M10.



AB-RI A2 / AB-RI A4 Stainless steel A2 / Stainless steel A4

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUN LOAD
ABRIA2018 / ABRIA4018	15 - 18	3/8”	19 x 1,8	150
ABRIA2022 / ABRIA4022	20 - 24	1/2”	19 x 1,8	150
ABRIA2028 / ABRIA4028	26 - 30	3/4”	19 x 1,8	150
ABRIA2035 / ABRIA4035	32 - 36	1”	19 x 1,8	150
ABRIA2040 / ABRIA4040	36 - 42	1 1/4”	19 x 1,8	150
ABRIA2048 / ABRIA4048	47 - 50	1 1/2”	19 x 1,8	150
ABRIA2054 / ABRIA4054	51 - 55	-	19 x 1,8	150
ABRIA2060 / ABRIA4060	60 - 64	2”	19 x 1,8	150
ABRIA2075 / ABRIA4075	75 - 80	2 1/2”	19 x 1,8	150
ABRIA2090 / ABRIA4090	87 - 92	3”	19 x 1,8	150
ABRIA2110 / ABRIA4110	106 - 112	-	19 x 1,8	150
ABRIA2115 / ABRIA4115	114 - 119	4”	19 x 1,8	150
ABRIA2125 / ABRIA4125	124 - 131	4 1/2”	19 x 1,8	150
ABRIA2140 / ABRIA4140	133 - 140	5”	19 x 1,8	150
ABRIA2160 / ABRIA4160	159 - 163	6”	19 x 1,8	150

AB-RE A2 / AB-RE A4 Reinforced pipe clamp M8 + M10.

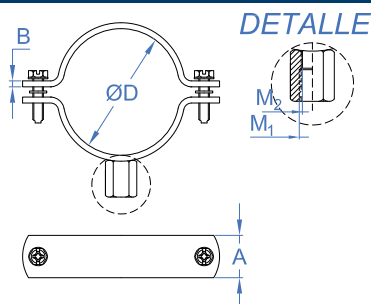


AB-RE A2 / AB-RE A4 Stainless steel A2 / Stainless steel A4

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUN LOAD
ABREA2018 / ABREA4018	15 - 18	3/8”	19 x 1,8	150
ABREA2022 / ABREA4022	20 - 24	1/2”	19 x 1,8	150
ABREA2028 / ABREA4028	26 - 30	3/4”	19 x 1,8	150
ABREA2035 / ABREA4035	32 - 36	1”	19 x 1,8	150
ABREA2040 / ABREA4040	36 - 42	1 1/4”	19 x 1,8	150
ABREA2048 / ABREA4048	47 - 50	1 1/2”	19 x 1,8	150
ABREA2054 / ABREA4054	51 - 55	-	19 x 1,8	150
ABREA2060 / ABREA4060	60 - 64	2”	19 x 1,8	150
ABREA2075 / ABREA4075	75 - 80	2 1/2”	19 x 1,8	150
ABREA2090 / ABREA4090	87 - 92	3”	19 x 1,8	150
ABREA2110 / ABREA4110	106 - 112	-	19 x 1,8	150
ABREA2115 / ABREA4115	114 - 119	4”	19 x 1,8	150
ABREA2125 / ABREA4125	124 - 131	4 1/2”	19 x 1,8	150
ABREA2140 / ABREA4140	133 - 140	5”	19 x 1,8	150
ABREA2160 / ABREA4160	159 - 163	6”	19 x 1,8	150
ABREA2200 / ABREA4200	199 - 212	-	19 x 1,8	150

AB-GA

Pipe clamp for gas M8 + M10, yellow coated



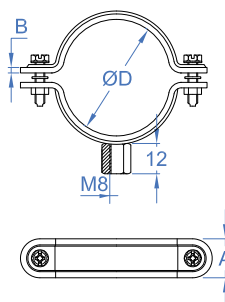
AB-GA

Yellow coated pipe clamp for gas M8 + M10

CODE	ØD(MM)	ØD(")	A X B	METRIC	MAXIMUN LOAD
ABGA018	15 - 18	3/8"	20 x 2	M8	200
ABGA022	20 - 24	1/2"	20 x 2	M8	200
ABGA028	26 - 30	3/4"	20 x 2	M8	200
ABGA035	32 - 36	1"	20 x 2	M8	200
ABGA040	38 - 42	1 1/4"	20 x 2	M8	200
ABGA048	47 - 50	1 1/2"	20 x 2	M8	200
ABGA054	52 - 56	-	20 x 2	M8	200
ABGA060	60 - 64	2"	20 x 2	M8/M10	200
ABGA075	75 - 80	2 1/2"	20 x 2	M8/M10	200
ABGA090	85 - 90	3"	20 x 2	M8/M10	200
ABGA100	99 - 105	3 1/2"	20 x 2	M8/M10	200
ABGA110	107 - 112	-	20 x 2	M8/M10	200
ABGA115	113 - 118	4"	20 x 2	M8/M10	200
ABGA140	138 - 142	5"	20 x 2	M8/M10	200
ABGA160	159 - 166	6"	20 x 2	M8/M10	200

AB-M8

Drainpipe clamp M8

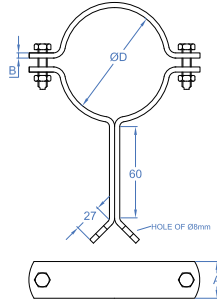


AB-M8

Drainpipe clamp M8

CODE	ØD(MM)	ØD(")	A X B	MAXIMUN LOAD
ABM8050	49 - 54	1 1/2"	28 x 0,8	100
ABM8063	60 - 65	2"	28 x 0,8	100
ABM8075	75 - 80	2 1/2"	28 x 0,8	100
ABM8090	88 - 92	3"	28 x 0,8	100
ABM8110	108 - 113	-	28 x 0,8	100
ABM8125	124 - 130	4 1/2"	28 x 0,8	100
ABM8160	159 - 165	6"	28 x 0,8	100
ABM8200	199 - 203	-	28 x 0,8	100
ABM8250	249 - 254	-	28 x 0,8	100
ABM8315	314 - 319	-	28 x 0,8	100

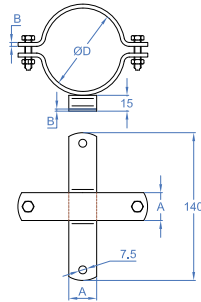
AB-DE Z / AB-DE G Recessed drainpipe clamp



AB-DE Z / AB-DE G Zinc-plated / Galvanized

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABDE075	75 - 80	2 1/2"	20 x 2,5	200
ABDE090	87 - 92	3"	20 x 2,5	200
ABDE110	107 - 112	-	20 x 2,5	200
ABDE125	125 - 130	4 1/2"	20 x 2,5	200
ABDE160	159 - 166	6"	20 x 2,5	200
ABDE200	199 - 212	-	20 x 2,5	200
ABDE250	245 - 254	-	20 x 2,5	200
ABDE315	314 - 319	-	20 x 2,5	200

AB-DP Z / AB-DP G Drainpipe clamp with hole

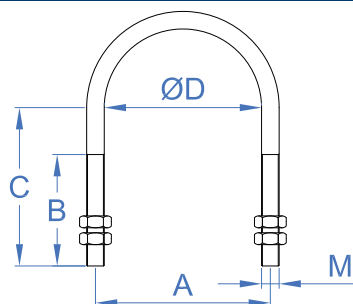


AB-DP Z / AB-DP G Zinc-plated / Galvanized

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABDP075	75 - 80	2 1/2"	20 x 2	200
ABDP090	87 - 92	3"	20 x 2	200
ABDP110	107 - 112	-	20 x 2	200
ABDP125	125 - 130	4 1/2"	20 x 2	200
ABDP160	159 - 166	6"	20 x 2	200
ABDP200	199 - 212	-	20 x 2	200
ABDP250	245 - 254	-	20 x 2	200

AB-ZI

U-bolt



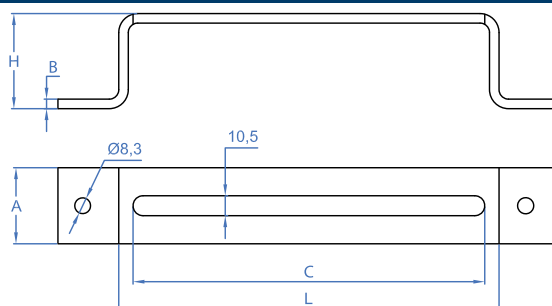
AB-ZI

Zinc-plated

CODE	ØD(")	METRIC	A X B X C	MAXIMUM LOAD
AZIM060250	1/4"	M6	20 / 14 / 20	250
AZIM060375	3/8"	M6	23,5 / 15 / 23	250
AZIM060500	1/2"	M6	27,5 / 17 / 25	250
AZIM060750	3/4"	M6	33 / 19 / 31	250
AZIM061000	1"	M6	39,5 / 24 / 39	250
AZIM061250	1 1/4"	M6	48,5 / 24 / 44	250
AZIM081500	1 1/2"	M8	56,5 / 26 / 48	350
AZIM082000	2"	M8	68,5 / 26 / 53	350
AZIM082250	2 1/4"	M8	83 / 35 / 63	350
AZIM082500	2 1/2"	M8	83 / 35 / 71	350
AZIM083000	3"	M8	99 / 35 / 76	350
AZIM083500	3 1/2"	M8	112 / 35 / 82	350
AZIM084000	4"	M8	125 / 35 / 87	350
AZIM084500	4 1/2"	M8	140 / 40 / 100	350
AZIM085000	5"	M8	152 / 40 / 105	350
AZIM086000	6"	M8	179 / 40 / 118	350
AZIM103000	3"	M10	100 / 45 / 66	350
AZIM103500	3 1/2"	M10	110 / 50 / 94	350
AZIM104000	4"	M10	125 / 55 / 97,5	350
AZIM105000	5"	M10	150 / 55 / 108	350
AZIM106000	6"	M10	170 / 55 / 125	350
AZIM108000	8"	M10	230 / 55 / 148	350

AB-SA

U-bolt support



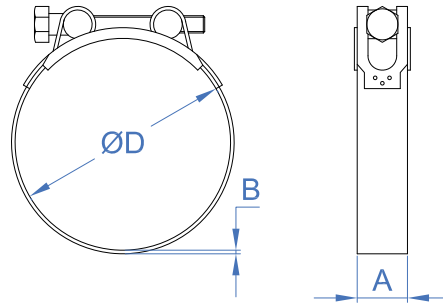
AB-SA

U-bolt support

CODE	L	H	A X B	C
ABSA050100	100	50	40 x 5	85
ABSA050125	125	50	40 x 5	110
ABSA050200	200	50	40 x 5	185
ABSA050300	300	50	40 x 5	285
ABSA050400	400	50	40 x 5	385
ABSA050500	500	50	40 x 5	485
ABSA050600	600	50	40 x 5	585
ABSA100100	100	100	40 x 5	85
ABSA100125	125	100	40 x 5	110
ABSA100200	200	100	40 x 5	185
ABSA100300	300	100	40 x 5	285
ABSA100400	400	100	40 x 5	385
ABSA100500	500	100	40 x 6	485

AB-GP

High presion clamp



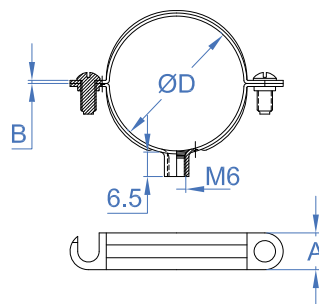
AB-GP

High pressure clamp

CODE	M X L	ØD(MM)	A X B
AGP023025	M5 x 35	23 - 25	18 X 0,6
AGP026028	M5 x 35	26 - 28	18 X 0,6
AGP029031	M5 x 35	29 - 31	18 X 0,6
AGP032035	M6 x 50	32 - 35	20 X 1
AGP036039	M6 x 50	36 - 39	20 X 1
AGP040043	M6 x 50	40 - 43	20 X 1
AGP044047	M6 x 50	44 - 47	20 X 1
AGP048051	M6 x 50	48 - 51	20 X 1
AGP052055	M6 x 50	52 - 55	20 X 1
AGP056059	M6 x 55	56 - 59	20 X 1
AGP060063	M6 x 55	60 - 63	20 X 1
AGP064067	M8 x 70	64 - 67	25 X 1,5
AGP068073	M8 x 70	68 - 73	25 X 1,5
AGP074079	M8 x 70	74 - 79	25 X 1,5
AGP080085	M8 x 70	80 - 85	25 X 1,5
AGP086091	M8 x 70	86 - 91	25 X 1,5
AGP092097	M8 x 70	92 - 97	25 X 1,5
AGP098103	M8 x 70	98 - 103	25 X 1,5
AGP104112	M8 x 80	104 - 112	25 X 1,5
AGP113121	M8 x 80	113 - 121	25 X 1,5
AGP122130	M8 x 80	122 - 130	25 X 1,5
AGP131139	M10 x 90	131 - 139	25 X 1,5
AGP140148	M10 x 90	140 - 148	25 X 1,5
AGP149161	M10 x 110	149 - 161	25 X 1,7
AGP162174	M10 x 110	162 - 174	25 X 1,7
AGP175187	M10 x 110	175-187	25 X 1,7
AGP188200	M10 x 110	188-200	25 X 1,7
AGP201213	M10 x 110	201-213	25 X 1,7
AGP214226	M10 x 110	214-226	25 X 1,7

AB-M6

Pipe clamp M6



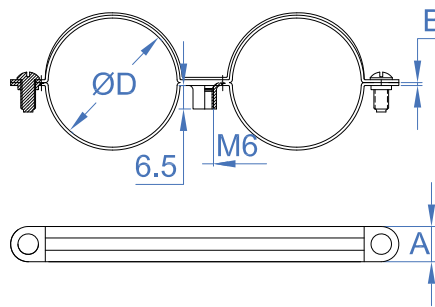
AB-M6 Z / AB-M6

Zinc-plated / Yellow zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUN LOAD
ABM6008 / ABMZ6008	8	-	10 x 1	70
ABM6010 / ABMZ6010	10	1/8"	10 x 1	70
ABM6012 / ABMZ6012	12	-	10 x 1	70
ABM6014 / ABMZ6014	14	1/4"	10 x 1	70
ABM6015 / ABMZ6015	15	-	10 x 1	70
ABM6016 / ABMZ6016	16	-	10 x 1	70

CODE	ØD(MM)	ØD(")	A X B	MAXIMUN LOAD
ABM6018 / ABMZ6018	18	3/8"	10 x 1	70
ABM6020 / ABMZ6020	20	-	10 x 1	70
ABM6022 / ABMZ6022	22	1/2"	10 x 1	70
ABM6025 / ABMZ6025	25	-	10 x 1	70
ABM6026 / ABMZ6026	26	3/4"	10 x 1	70
ABM6028 / ABMZ6028	28	-	10 x 1	70
ABM6032 / ABMZ6032	32	1"	10 x 1	70
ABM6035 / ABMZ6035	35	-	12 x 1,2	70
ABM6037 / ABMZ6037	37	-	12 x 1,2	100
ABM6040 / ABMZ6040	40	-	12 x 1,2	100
ABM6042 / ABMZ6042	42	1 1/4"	12 x 1,2	100
ABM6047 / ABMZ6047	47	1 1/2"	12 x 1,2	100
ABM6050 / ABMZ6050	50	-	12 x 1,2	100
ABM6054 / ABMZ6054	54	-	12 x 1,2	100
ABM6060 / ABMZ6060	60	2"	12 x 1,2	100
ABM6063 / ABMZ6063	63	-	12 x 1,2	100

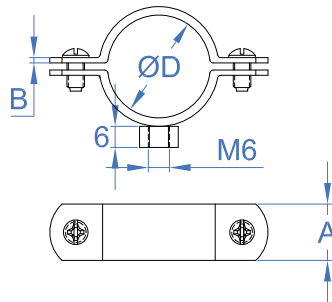
AB-D6 Double pipe clamp M6



AB-D6 Z / AB-D6 Zinc-plated / Yellow zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUN LOAD
ABD6012 / ABDZ6012	12	1/8"	12 x 1	100
ABD6015 / ABDZ6015	15	1/4"	12 x 1,2	100
ABD6018 / ABDZ6018	18	3/8"	12 x 1,2	100
ABD6022 / ABDZ6022	22	1/2"	12 x 1,2	100
ABD6028 / ABDZ6028	28	3/4"	12 x 1,2	100

AB-M6 A2 Pipe clamp M6. Stainless steel A2

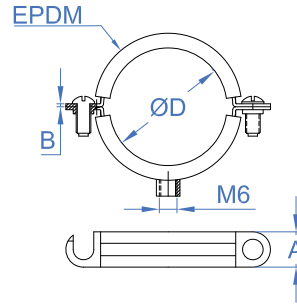


AB-M6 A2 Pipe clamp M6. Stainless steel A2

CODE	ØD(MM)	ØD(")	A X B	MAXIMUN LOAD
ABM6A2012	12	1/4"	16 x 1,5	70
ABM6A2015	14 - 15	-	16 x 1,5	70
ABM6A2018	16 - 18	3/8"	16 x 1,5	70
ABM6A2020	19 - 21	1/2"	16 x 1,5	70
ABM6A2022	22 - 24	-	16 x 1,5	70
ABM6A2028	25 - 30	3/4"	16 x 1,5	70

AB-6I

Isophonic pipe clamp M6



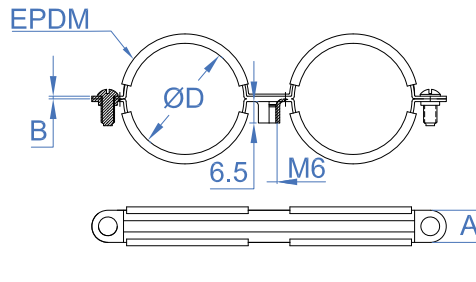
AB-6I

Isophonic pipe clamp M6

CODE	ØD(MM)	ØD(ʹ)	A X B	MAXIMUM LOAD
AB6I012	12	1/8"	15 x 1,2	70
AB6I015	15	1/4"	15 x 1,2	70
AB6I016	16	-	15 x 1,2	70
AB6I018	18	3/8"	15 x 1,2	70
AB6I022	22	1/2"	15 x 1,2	70
AB6I026	26	-	15 x 1,2	70
AB6I028	28	3/4"	15 x 1,2	70
AB6I032	32	-	15 x 1,2	70
AB6I035	35	1"	15 x 1,2	70
AB6I042	42	1 1/4"	15 x 1,2	100
AB6I048	48	1 1/2"	15 x 1,2	100
AB6I054	54	-	15 x 1,2	100
AB6I060	60	2"	15 x 1,2	100

AB-DI

Double isophonic pipe clamp M6



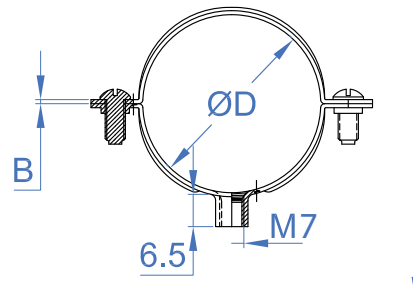
AB-DI

Double isophonic pipe clamp M6

CODE	ØD(MM)	ØD(ʹ)	A X B	MAXIMUM LOAD
ABDI0012	12	1/8"	15 x 1	100
ABDI0015	15	1/4"	15 x 1,2	100
ABDI0018	18	3/8"	15 x 1,2	100
ABDI0022	22	1/2"	15 x 1,2	100
ABDI0028	28	3/4"	15 x 1,2	100

AB-M7

Pipe clamp M6

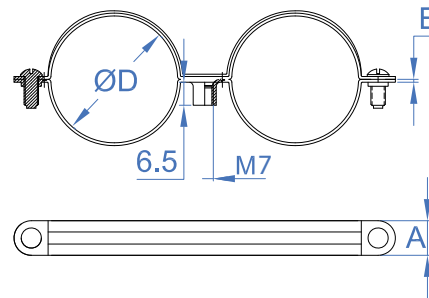


AB-M7 Zinc-plated

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUM LOAD
ABMZ7008	8	-	11 X 1	-
ABMZ7010	10	1/8"	11 X 1	-
ABMZ7012	12	-	11 X 1	-
ABMZ7014	14	1/4"	11 X 1	-
ABMZ7016	16	-	11 X 1	-
ABMZ7018	18	3/8"	11 X 1	-
ABMZ7020	20	-	11 X 1	-
ABMZ7022	22	1/2"	11 X 1	-
ABMZ7024	24	-	11 X 1	-
ABMZ7025	25	-	11 X 1	-
ABMZ7026	26	3/4"	11 X 1	-
ABMZ7028	28	-	11 X 1	-
ABMZ7032	32	1"	11 X 1	-
ABMZ7034	34	-	11 X 1	-
ABMZ7036	36	-	11 X 1	-
ABMZ7038	38	-	11 X 1	-
ABMZ7040	40	-	11 X 1	-
ABMZ7050	50	-	11 X 1	-
ABMZ7063	63	-	12 X 1,2	-

AB-D7

Double pipe clamp M6

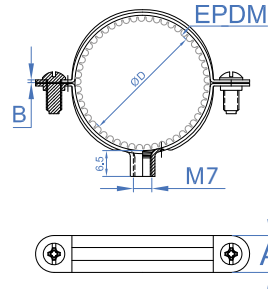


AB-D7 Zinc-plated

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUM LOAD
ABDZ70810	8-10	-	11 X 1	-
ABDZ71012	10-12	1/8"	11 X 1	-
ABDZ71214	12-14	-	11 X 1	-
ABDZ71416	14-16	-	11 X 1	-
ABDZ71618	16-18	3/8"	11 X 1	-
ABDZ71820	18-20	-	11 X 1	-
ABDZ72022	20-22	1/2"	11 X 1	-
ABDZ72224	22-24	-	11 X 1	-
ABDZ72628	26-28	3/4"	11 X 1	-

AB-7I

Isophonic pipe clamp M6



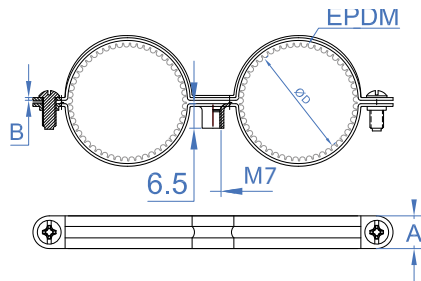
AB-7I

Isophonic pipe clamp M6

CODE	$\varnothing D$ (MM)	$\varnothing D$ (")	A X B	MAXIMUM LOAD
AB7IZ010	10	1/8"	11 X 1	-
AB7IZ012	12	-	11 X 1	-
AB7IZ014	14	1/4"	11 X 1	-
AB7IZ016	16	-	11 X 1	-
AB7IZ018	18	3/8"	11 X 1	-
AB7IZ020	20	-	11 X 1	-
AB7IZ022	22	1/2"	11 X 1	-
AB7IZ024	24	-	11 X 1	-
AB7IZ026	26	3/4"	11 X 1	-
AB7IZ028	28	-	11 X 1	-
AB7IZ032	32	1"	11 X 1	-
AB7IZ034	34	-	11 X 1	-
AB7IZ036	36	-	12 X 1	-
AB7IZ038	38	-	12 X 1	-
AB7IZ040	40	-	12 X 1	-
AB7IZ050	50	-	12 X 1,2	-

AB-7ID

Double isophonic pipe clamp M6



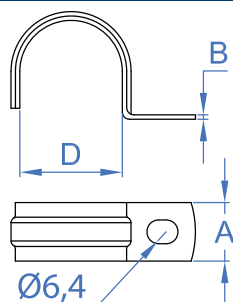
AB-7ID

Double isophonic pipe clamp M6

CODE	$\varnothing D$ (MM)	$\varnothing D$ (")	A X B	MAXIMUM LOAD
AB7IDZ0810	8-10	1/8"	11 X 1	-
AB7IDZ1012	10-12	1/8"	11 X 1	-
AB7IDZ1214	12-14	1/4"	11 X 1	-
AB7IDZ1416	14-16	1/4"	11 X 1	-
AB7IDZ1618	16-18	3/8"	11 X 1	-
AB7IDZ1820	18-20	3/8"	11 X 1	-
AB7IDZ2022	20-22	1/2"	11 X 1	-
AB7IDZ2224	22-24	1/2"	11 X 1	-
AB7IDZ2628	26-28	3/4"	11 X 1	-

AB-PI

Conduit clip, with single hole



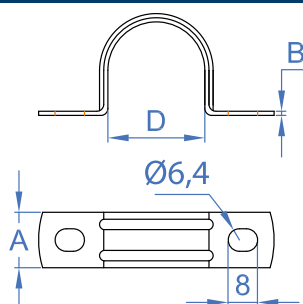
AB-PI

Conduit clip, with single hole

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABPI006	6	-	12 x 1	30
ABPI008	8	-	12 x 1	30
ABPI010	10	1/8"	12 x 1	30
ABPI012	12	-	12 x 1	30
ABPI014	14	1/4"	15 x 1	30
ABPI016	16	-	15 x 1	30
ABPI018	18	3/8"	15 x 1	30
ABPI020	20	-	15 x 1	30
ABPI022	22	1/2"	15 x 1,2	30
ABPI025	25	-	15 x 1,2	30
ABPI026	26	3/4"	15 x 1,2	30
ABPI028	28	-	15 x 1,2	30
ABPI032	32	1"	15 x 1,2	30
ABPI040	40	-	15 x 1,2	30
ABPI042	42	1 1/4"	15 x 1,2	30
ABPI047	47	1 1/2"	15 x 1,2	30
ABPI050	50	-	15 x 1,2	30
ABPI063	63	2"	15 x 1,2	30

AB-PU

Bridge conduit clip



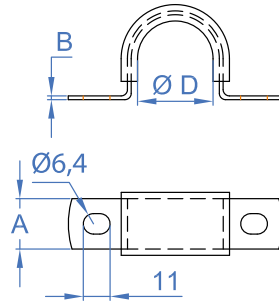
AB-PU

Bridge conduit clip, with double hole

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABPU016	16	-	12 x 1,2	30
ABPU018	18	3/8"	12 x 1,2	30
ABPU020	20	-	12 x 1,2	30
ABPU022	22	1/2"	15 x 1,2	30
ABPU025	25	-	15 x 1,2	30
ABPU028	28	3/4"	15 x 1,2	30
ABPU032	32	1"	15 x 1,2	30
ABPU037	37	-	18 x 1,2	30
ABPU040	40	1 1/4"	18 x 1,2	30
ABPU050	50	1 1/2"	18 x 1,2	30
ABPU063	63	2"	18 x 1,2	30

AB-IP

Isophonic bridge conduit clip



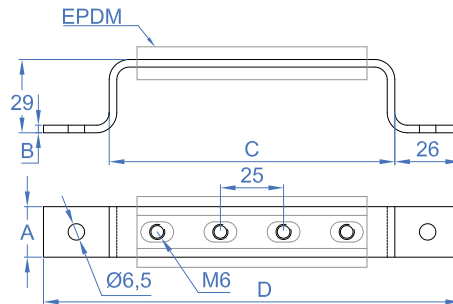
AB-IP

Isophonic bridge conduit clip

CODE	ØD(MM)	ØD(")	A X B
ABIP015	15	1/4"	20 x 1,5
ABIP018	18	3/8"	20 x 1,5
ABIP022	22	1/2"	20 x 1,5
ABIP026	26	3/4"	20 x 1,5
ABIP028	28	-	20 x 1,5
ABIP035	35	1"	20 x 1,5
ABIP042	42	1 1/4"	20 x 1,5
ABIP048	48	1 1/2"	20 x 1,5
ABIP054	54	-	20 x 1,5
ABIP060	60	2"	20 x 1,5
ABIP067	67	-	20 x 1,5
ABIP075	75	2 1/2"	20 x 1,5
ABIP090	90	3"	20 x 1,5

AB-SI

Fixing plate for Isophonic bridge conduit clip



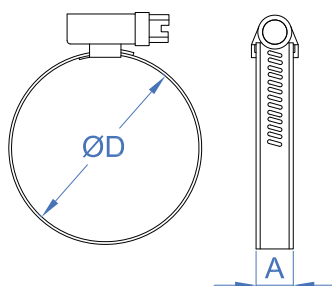
AB-SI

Fixing plate for isophonic bridge conduit clip

CODE	A X B	C	D	HOLE NUM
ABSI003	20 x 3	88	140	3
ABSI004	20 x 3	113	165	4
ABSI005	20 x 3	138	190	5
ABSI006	20 x 3	163	215	6
ABSI007	20 x 3	188	240	7
ABSI008	20 x 3	213	265	8
ABSI009	20 x 3	238	290	9
ABSI010	20 x 3	263	315	10
ABSI011	20 x 3	288	340	11
ABSI012	20 x 3	313	365	12
ABSI013	20 x 3	338	390	13
ABSI014	20 x 3	363	415	14
ABSI015	20 x 3	388	440	15
ABSI016	20 x 3	413	465	16
ABSI017	20 x 3	438	490	17
ABSI018	20 x 3	463	515	18
ABSI019	20 x 3	488	540	19
ABSI020	20 x 3	513	565	20
ABSI021	20 x 3	538	590	21
ABSI022	20 x 3	563	615	22
ABSI025	20 x 3	638	690	25

AB-SF

Hose clamp



AB-SF

Hose clamp

CODE	ØD(MM)	ØD(ʹ)	A X B	TORQUE
ASF008016	8-16	5/16ʹ - 5/8ʹ	9 x 0,7	4,5
ASF012022	12-22	1/2ʹ - 7/8ʹ	9 x 0,7	4,5
ASF016027	16 - 27	5/8ʹ - 1 1/16ʹ	9 x 0,7	4,5
ASF020032	20 - 32	3/4ʹ - 1 1/4ʹ	9 x 0,7	4,5
ASF025040	25 - 40	1ʹ - 1 5/8ʹ	9 x 0,7	4,5
ASF030045	30 - 45	1 3/16ʹ - 1 3/4ʹ	9 x 0,8	4,5
ASF035050	35 - 50	1 3/8ʹ - 2ʹ	9 x 0,8	4,5
ASF040060	40 - 60	1 5/8ʹ - 2 3/8ʹ	9 x 0,8	4,5
ASF050070	50 - 70	2ʹ - 2 3/4ʹ	9 x 0,8	4,5
ASF060080	60 - 80	2 3/8ʹ - 3 1/8ʹ	9 x 0,8	4,5
ASF070090	70 - 90	2 3/4ʹ - 3 1/2ʹ	9 x 0,8	4,5
ASF080100	80 - 100	3 1/8ʹ - 4ʹ	9 x 0,8	4,5
ASF090110	90 - 110	3 1/2ʹ - 4 3/8ʹ	9 x 0,8	4,5
ASF100120	100 - 120	4ʹ - 4 3/4ʹ	9 x 0,8	4,5
ASF110130	110 - 130	4 3/8ʹ - 5 1/8ʹ	9 x 0,8	4,5
ASF120140	120 - 140	4 3/4ʹ - 5 1/2ʹ	9 x 0,8	4,5
ASF130150	130 - 150	5 1/8ʹ - 5 7/8ʹ	9 x 0,8	4,5

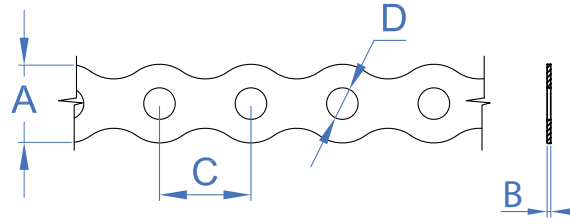
AB-SF A2

Hose clamp. Stainless steel A2

CODE	ØD(MM)	ØD(ʹ)	A X B	TORQUE
ASF2010016	10-16	5/16ʹ - 5/8ʹ	9 x 0,7	4
ASF2012020	12-20	1/2ʹ - 7/8ʹ	9 x 0,7	4
ASF2016027	16 - 27	5/8ʹ - 1 1/16ʹ	9 x 0,7	4
ASF2020032	20 - 32	3/4ʹ - 1 1/4ʹ	9 x 0,7	4
ASF2025040	25 - 40	1ʹ - 1 5/8ʹ	9 x 0,7	4
ASF2032050	32 - 50	1 3/8ʹ - 2ʹ	9 x 0,7	4
ASF2040060	40 - 60	1 5/8ʹ - 2 3/8ʹ	9 x 0,7	4
ASF2050070	50 - 70	2ʹ - 2 3/4ʹ	9 x 0,7	4
ASF2060080	60 - 80	2 3/8ʹ - 3 1/8ʹ	9 x 0,7	4
ASF2070090	70 - 90	2 3/4ʹ - 3 1/2ʹ	9 x 0,7	4
ASF2080100	80 - 100	3 1/8ʹ - 4ʹ	9 x 0,7	4
ASF2090110	90 - 110	3 1/2ʹ - 4 3/8ʹ	9 x 0,7	4
ASF2100120	100 - 120	4ʹ - 4 3/4ʹ	9 x 0,7	4
ASF2110130	110 - 130	4 3/8ʹ - 5 1/8ʹ	9 x 0,7	4
ASF2120140	120 - 140	4 3/4ʹ - 5 1/2ʹ	9 x 0,7	4
ASF2130150	130 - 150	5 1/8ʹ - 5 7/8ʹ	9 x 0,7	4

CI-PE

Rounded perforated banding



CI-PE

Atlantis C2-M

CODE	AXB	c	D
CIPE1208	12 x 0,8	14	5
CIPE1708	17 x 0,8	20	7

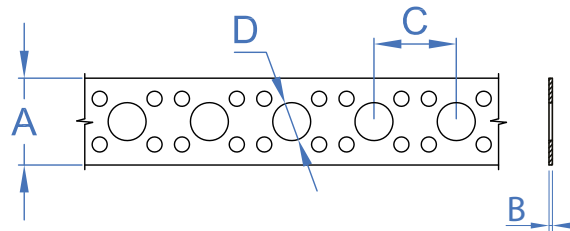
CI-PE A2

Stainless steel A2

CODE	AXB	c	D
CIPEA21708	17 x 0,8	20	7

CI-PR

Perforated, straight, galvanized banding



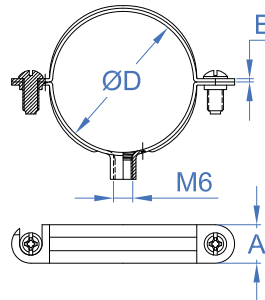
CI-PR

Perforated, straight, galvanized banding

CODE	AXB	c	D
CIPR1908	19 x 0,8	18	8,3
CIPR1208	12 x 0,8	12	6,2

AB-CR

Chromed pipe clamp M6



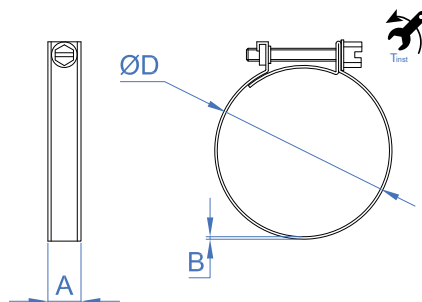
AB-CR

Chrome coated pipe clamp M6

CODE	ØD(MM)	ØD('')	AXB	MAXIMUM LOAD
ABCR010	10	1/8"	12 x 1,2	70
ABCR012	12	1/4"	12 x 1,2	70

AB-BU

Butane clamp



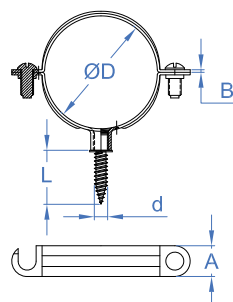
AB-BU

Butane clamp

CODE	ØD(MM)	ØD(")	A X B	TORQUE
ABBU1315	13-15	1/2" - 9/16"	9 x 0,6	2
ABBU1618	16-18	5/8" - 11/16"	9 x 0,6	2
ABBU1921	19-21	3/4" - 13/16"	9 x 0,6	2

AB-GM

Yellow coated pipe clamp for gas with chipboard screw



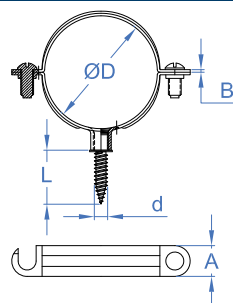
AB-GM

Yellow coated pipe clamp for gas with chipboard screw

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABGM012	12	1/8"	12 x 1,2	70
ABGM015	15	1/4"	12 x 1,2	70
ABGM018	18	3/8"	12 x 1,2	70
ABGM022	22	1/2"	12 x 1,2	70
ABGM028	28	3/4"	12 x 1,2	70
ABGM035	35	1"	12 x 1,2	70

AB-GS

Black coated m6 pipe clamp for gas with chipboard screw



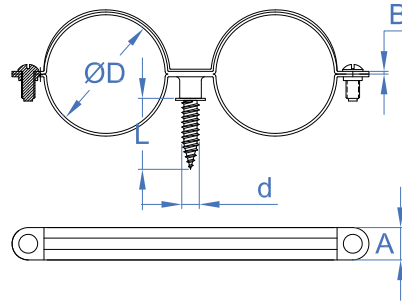
AB-GS

Black coated m6 pipe clamp for gas with chipboard screw

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABGS010	10	1/8"	12 x 1,2	70
ABGS012	12	-	12 x 1,2	70
ABGS015	15	1/4"	12 x 1,2	70
ABGS018	18	3/8"	12 x 1,2	70
ABGS022	22	1/2"	12 x 1,2	70
ABGS028	28	3/4"	12 x 1,2	70
ABGS035	35	1"	12 x 1,2	70
ABGS042	42	1 1/4"	12 x 1,2	70
ABGS054	54	-	12 x 1,2	70

AB-GD

Black coated m6 double pipe clamp for gas with chipboard screw



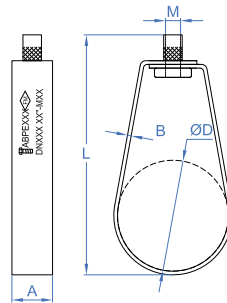
AB-GD

Black coated m6 double pipe clamp for gas with chipboard screw

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABGD012	12	1/8"	12 x 1,2	100
ABGD015	15	1/4"	12 x 1,2	100
ABGD018	18	3/8"	12 x 1,2	100
ABGD022	22	1/2"	12 x 1,2	100
ABGD028	28	3/4"	12 x 1,2	100

AB-PE

Sprinkler pipe clamp



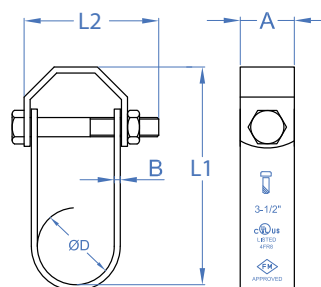
AB-PE

Sprinkler pipe clamp

CODE	ØD(MM)	ØD(")	A X B	LENGTH	SCREW SIZE	MAXIMUM LOAD
ABPE028	DN 20	3/4"	21 x 1	72	M10 (3/8")	154
ABPE035	DN 25	1"	21 x 1	78	M10 (3/8")	186
ABPE040	DN 32	1 1/4"	21 x 1	88	M10 (3/8")	195
ABPE048	DN 40	1 1/2"	21 x 1,2	95	M10 (3/8")	236
ABPE060	DN 50	2"	21 x 1,2	105	M10 (3/8")	288
ABPE075	DN 65	2 1/2"	21 x 1,2	125	M10 (3/8")	426
ABPE090	DN 80	3"	21 x 1,2	140	M10 (3/8")	481
ABPE100	DN 90	3 1/2"	21 x 1,2	160	M10 (3/8")	569
ABPE115	DN 100	4"	21 x 2	173	M10 (3/8")	669
ABPE140	DN 125	5"	30 x 2	209	M12 (1/2")	907
ABPE160	DN 150	6"	30 x 2,5	249	M12 (1/2")	1186
ABPE220	DN 200	8"	35 x 2,5	309	M12 (1/2")	1723

AB-CH

Drainpipe clamp M8



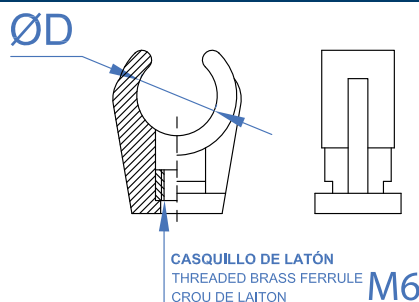
AB-CH

Drainpipe clamp M8

CODE	ØD(MM)	ØD(")	A X B	L1	L2	MAXIMUN LOAD
ABCH00034	28	3/4"	22,5 x 2,5	82,5	50	154
ABCH01000	35	1"	22,5 x 2,5	99	57	186
ABCH01014	42	1 1/4"	22,5 x 2,5	106	70	195
ABCH01012	48	1 1/2"	22,5 x 2,5	107	75	236
ABCH02000	60	2"	25,5 x 2,5	126	90	288
ABCH02012	75	2 1/2"	26,0 x 3,0	156	110	426
ABCH03000	90	3"	26,0 x 3,0	169	115	481
ABCH04000	115	4"	30,0 x 4,0	200	15	669
ABCH05000	140	5"	32,0 x 4,5	231	200	907
ABCH06000	160	6"	36,5 x 4,5	260	225	1186
ABCH08000	220	8"	42,5 x 4,5	329	280	1723
ABCH10000	275	10"	44,5 x 6,0	381	360	2655
ABCH12000	325	12"	50,0 x 6,0	457	410	3582
ABCH14000	355	14"	50,0 x 6,0	514	465	5294
ABCH16000	405	16"	64,0 x 6,0	560	520	5571

AB-IN

Nylon simple pipe clip (polyamide 6.6) With m6 threaded brass insert



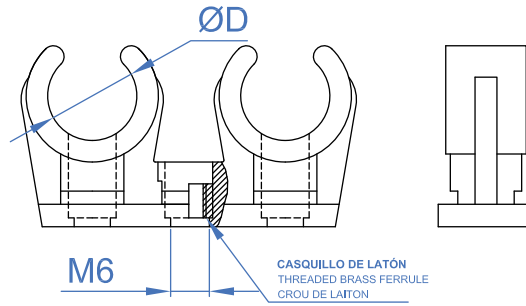
AB-IN

Nylon simple pipe clip (polyamide 6.6) With m6 threaded brass insert

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUN LOAD
ABIN012	12	1/4"	Carril 20/10	10
ABIN014	14-15	3/8"	Carril 20/10	10
ABIN016	16-18	-	Carril 20/10	10
ABIN020	20-22	-	Carril 20/10	10
ABIN025	25	-	Carril 20/10	10
ABIN028	28	3/4"	Carril 20/10	10
ABIN032	32	1"	Carril 20/10	10
ABIN035	35	-	Carril 20/10	10

AB-ID

Double nylon pipe clip (polyamide 6.6), with M6 threaded brass insert



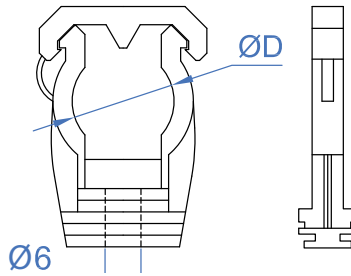
AB-ID

Double nylon pipe clip (polyamide 6.6), with M6 threaded brass insert

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUM LOAD
ABID012	12	1/4"	Carril 20/10	10
ABID014	14-15	3/8"	Carril 20/10	10
ABID016	16-18	-	Carril 20/10	10
ABID020	20-22	-	Carril 20/10	10
ABID028	28	3/4"	Carril 20/10	10

AB-GU

Simple grey closed pipe clip, with m6 pre-thread



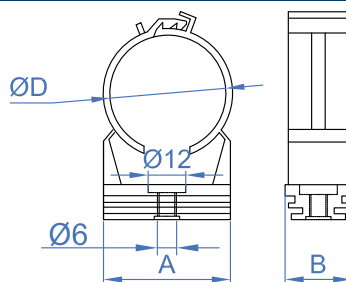
AB-GU

Simple grey closed pipe clip, with m6 pre-thread

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUM LOAD
ABGUG12	12	1/4"	20/10 27/18 28/30	40
ABGUG15	15	3/8"	20/10 27/18 28/30	40
ABGUG18	18	-	20/10 27/18 28/30	40
ABGUG20	20	-	20/10 27/18 28/30	40
ABGUG22	22	1/2"	20/10 27/18 28/30	40
ABGUG25	25	-	20/10 27/18 28/30	40
ABGUG28	28	-	20/10 27/18 28/30	40
ABGUG32	32	1"	20/10 27/18 28/30	40
ABGUG40	40	-	20/10 27/18 28/30	40
ABGUG50	50	-	20/10 27/18 28/30	40

AB-MUG

Multiuse pipe clamp



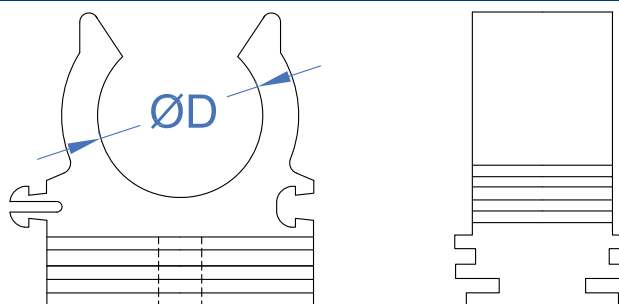
AB-MUG

Multiuse pipe clip

CODE	ØD(MM)	ØD(°)	A X B	SUITABLE FOR	MAXIMUM LOAD
ABMUG12	12	1/4"	17 x 20	20/10 27/18 28/30	40
ABMUG15	15	3/8"	21 x 20	20/10 27/18 28/30	40
ABMUG18	18	-	25 x 20	20/10 27/18 28/30	40
ABMUG22	22	1/2"	30 x 20	20/10 27/18 28/30	40
ABMUG26	26	-	33 x 20	20/10 27/18 28/30	40
ABMUG32	32	1"	38 x 20	20/10 27/18 28/30	40
ABMUG40	40	-	46 x 20	20/10 27/18 28/30	40
ABMUG48	42	1 1/4"	56 x 20	20/10 27/18 28/30	40

AB-PR

High pressure clamp with pre-thread m6



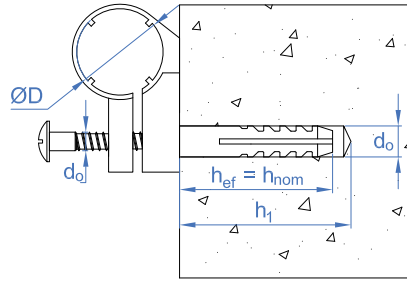
AB-PR

High pressure clamp with pre-thread m6. Grey

CODE	ØD(MM)	ØD(°)	SUITABLE FOR	MAXIMUM LOAD
ABPRG12	12	1/4"	20/10 27/18 28/30	10
ABPRG15	15-18	3/8"	20/10 27/18 28/30	10
ABPRG20	20-22	-	20/10 27/18 28/30	10
ABPRG25	25-28	1/2"	20/10 27/18 28/30	10
ABPRG32	32-35	-	20/10 27/18 28/30	10
ABPRG40	40	-	20/10 27/18 28/30	10
ABPRG50	50	3/4"	20/10 27/18 28/30	10

AB-MS

Multitube clamp + simple plug



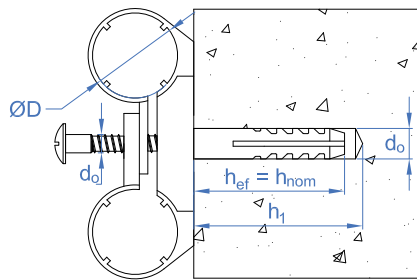
AB-MS

Multitube clamp + simple plug

CODE	ØD(MM)	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD HOLLOW BRICK	SCREW SIZE
ABMS10	10	5	30	20	9	5	3,5x35
ABMS12	12	5	30	20	9	5	3,5x35
ABMS14	14	6	35	25	15	8	4x45
ABMS16	16	6	35	25	15	8	4x45
ABMS18	18	8	45	30	16	12	4,5x50
ABMS20	20	8	45	30	16	12	4,5x50
ABMS22	22	8	45	30	16	12	4,5x50
ABMS26	26	10	50	40	30	15	6x60
ABMS28	28	10	50	40	30	15	6x60

AB-MD

Multitube clamp + double plug



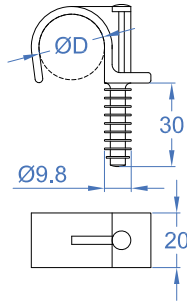
AB-MD

Multitube clamp + double plug

CODE	ØD(MM)	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD HOLLOW BRICK	SCREW SIZE
ABMD10	10	8	60	30	16	12	4,5x50
ABMD12	12	8	60	30	16	12	4,5x51
ABMD14	14	8	60	30	16	12	4,5x52
ABMD16	16	8	60	30	16	12	4,5x53
ABMD18	18	10	70	40	30	15	6x60
ABMD20	20	10	70	40	30	15	6x60
ABMD22	22	10	70	40	30	15	6x60
ABMD26	26	10	70	40	30	15	6x60
ABMD28	28	10	70	40	30	15	6x60

AB-T

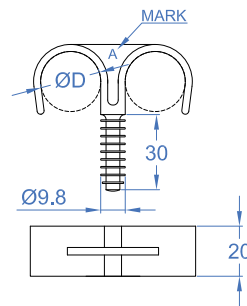
INDEXring. Plug for fixing tube



AB-TS

Simple

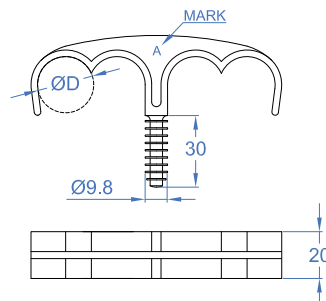
CODE	ØD(MM)	ØD(")	MAXIMUN LOAD
ABTS014	14 - 15	-	30
ABTS016	16 - 17	3/8"	30
ABTS018	18 - 19	-	30
ABTS020	20 - 21	1/2"	30
ABTS022	22 - 23	-	30
ABTS025	25 - 26	3/4"	30
ABTS028	28 - 29	-	30
ABTS032	30 - 32	-	30



AB-TD

Double

CODE	ØD(MM)	ØD(")	MAXIMUN LOAD
ABTD016	15 - 16	3/8"	30
ABTD018	18 - 19	-	30
ABTD020	20 - 21	1/2"	30
ABTD022	22 - 23	-	30
ABTD025	25 - 26	3/4"	30
ABTD028	28 - 29	-	30



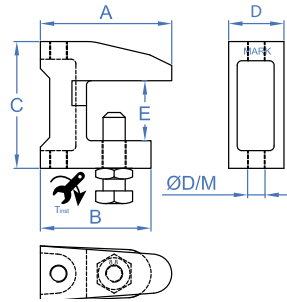
AB-TC

Quadruple

CODE	ØD(MM)	ØD(")	MAXIMUN LOAD
ABTC020	20 - 21	1/2"	30
ABTC025	25 - 26	3/4"	30

SU

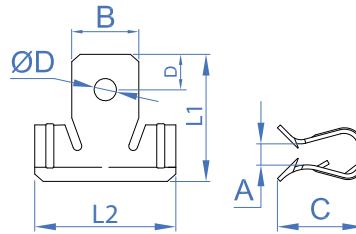
Steel beam clamps



SU-MO

Beam clamp

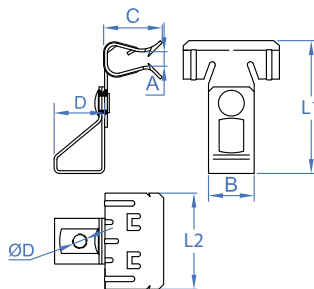
CODE	A	B	C	D	E	TORQUE	INSTALLATION KEY (SW)	ØD (MM)	SCREW SIZE
SUMOP09	38	35	37	18	20	10	13	PASANTE 9	M8 x 35
SUMOP11	44	41	42	21	21	15	17	PASANTE 11	M10 x 40
SUMOP13	57	48	54	24	26	15	17	PASANTE 13	M10 x 50
SUMOM06	38	35	37	18	20	10	13	ROSCADO M6	M8 x 35
SUMOM08	38	35	37	18	20	10	13	ROSCADO M8	M8 x 35
SUMOM10	44	41	42	21	21	15	17	ROSCADO M10	M10 x 40
SUMOM12	57	48	54	24	26	15	17	ROSCADO M12	M10 x 50



SU-CL

Suspension clip

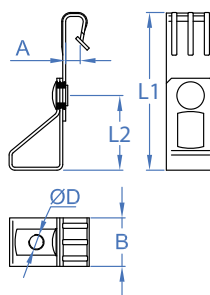
CODE	A	B	C	D	L1	L2	ØD (MM)
SUCL02	1,5 - 4	13	14	10	28	28	6.3
SUCL04	4 - 10	19	23	10	34	40	6.3
SUCL10	10 - 15	19	23	10	40	40	6.3
SUCL15	15 - 20	19	23	10	40	40	6.3



SU-VA

Rod clip

CODE	A	B	C	D	L1	L2	ØD (MM)
SUVA0602	1,5 - 4	19	14	21	50	28	M6
SUVA0604	4 - 10	19	23	21	54	40	M6
SUVA0610	10 - 15	19	23	21	60	40	M6
SUVA0615	15 - 20	19	23	21	60	40	M6
SUVA0804	1,5 - 4	19	14	21	50	28	M8
SUVA0810	4 - 10	19	23	21	54	40	M8
SUVA0815	10 - 15	19	23	21	60	40	M8
SUVA0802	15 - 20	19	23	21	60	40	M8



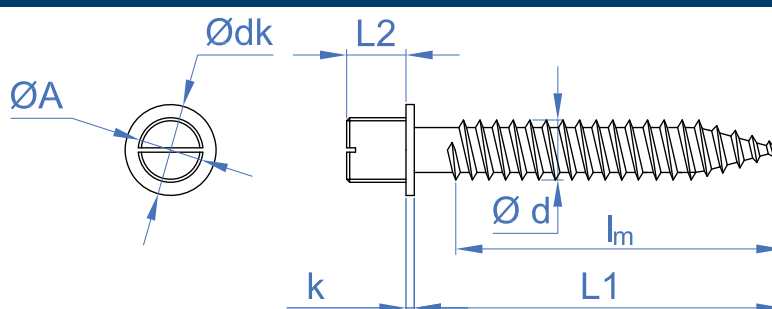
SU-CU

Holder clip

CODE	A	B	L1	L2	ØD (MM)
SUCU0602	1,5 - 5	19	65	30	M6
SUCU0605	5 - 7	19	65	30	M6
SUCU0606	3 - 7	19	80	30	M6
SUCU0607	7 - 10	19	95	30	M6

TAG

Threaded screws for clamps



AB-TA

Zinc-plated. Slotted

CODE	METRIC	ØD	L1	L2	K	ØDK	THREAD LENGTH
ABTA0630	M6	5	30	6	1	8	30
ABTA0640	M6	5	40	6	1	8	40
ABTA0650	M6	5	50	6	1	8	50
ABTA0730	M7	6	22	6	1	9,5	30
ABTA0740	M7	6	32	6	1	9,5	40
ABTA0750	M7	6	42	6	1	9,5	50
ABTA0760	M7	6	52	6	1	9,5	60
ABTA0770	M7	6	62	6	1	9,5	70
ABTA0780	M7	6	72	6	1	9,5	80
ABTA0840	M8	6	40	7,5	1,4	8,5	40
ABTA0860	M8	6	60	7,5	1,4	8,5	60
ABTA0880	M8	6	80	7,5	1,4	8,5	45
ABTA1050	M10	8	50	9	1,7	12	50
ABTA1070	M10	8	70	9	1,7	12	45
ABTA1090	M10	8	90	9	1,7	12	45

AB-TA B

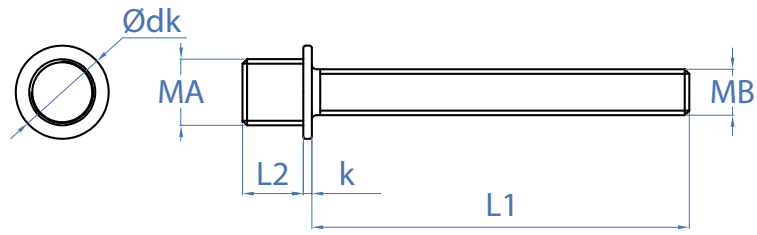
Yellow zinc-plated. Slotted

CODE	METRIC	ØD	L1	L2	K	ØDK	THREAD LENGTH
ABTAB0630	M6	5	30	6	1	8	30
ABTAB0640	M6	5	40	6	1	8	40
ABTAB0650	M6	5	50	6	1	8	50

AB-TA A2

A2 Stainless steel. Slotted

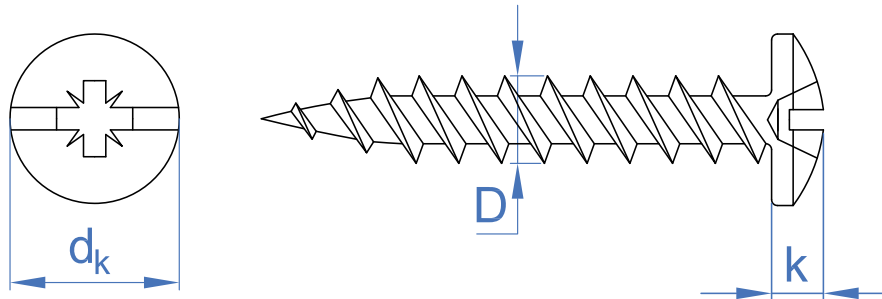
CODE	METRIC	ØD	L1	L2	K	ØDK	THREAD LENGTH
ABTA20630	M6	5	30	7	1,2	7,8	30



AB-TR

Threaded screw for clamps

CODE	METRIC	L1	L2	K	ØDK
ABTR05030	M7	30	6	1	9
ABTR05040	M7	40	6	1	9
ABTR05050	M7	50	6	1	9
ABTR05060	M7	60	6	1	9
ABTR06040	M7	40	6	1	9
ABTR06050	M7	50	6	1	9
ABTR06060	M7	60	6	1	9



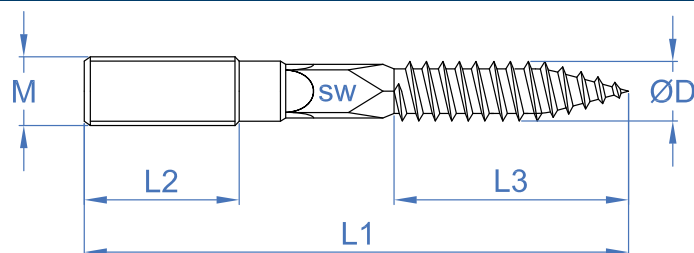
AB-TG

Threaded screws for clips

CODE	LENGTH	INSTALLATION KEY	ØDK	K	Ø(DMM)
ABTG4530	30	PZ2	10	3	4.5
ABTG4535	35	PZ2	10	3	4.5
ABTG4540	40	PZ2	10	3	4.5
ABTG5030	30	PZ3	12	3	5
ABTG5040	40	PZ3	12	3	5

ES-DR

Double threaded screw



ES-DR

Zinc-plated. Tx

CODE	METRIC	LENGTH	ØD(MM)	INSTALLATION KEY (SW)	L1	L2	L3
ESDR06040	M6	40	6	-	40	12	24
ESDR06050	M6	50	6	-	50	16	28,5
ESDR06060	M6	60	6	-	60	18	34,5
ESDR06070	M6	70	6	-	70	26	34,5
ESDR06080	M6	80	6	-	80	34	34,5
ESDR08050	M8	50	7	-	50	13	29,5
ESDR08060	M8	60	7	-	60	15	37,5
ESDR08070	M8	70	7	-	70	25	37,5
ESDR08080	M8	80	7	6	80	28,5	37,5
ESDR08090	M8	90	7	6	90	28,5	48,5
ESDR08100	M8	100	7	6	100	33,5	48,5
ESDR08110	M8	110	7	6	110	42,5	48,5
ESDR08120	M8	120	7	6	120	50	48,5
ESDR08130	M8	130	7	6	130	50	48,5
ESDR10080	M10	80	8	8	80	18	46,5
ESDR10100	M10	100	9	8	100	24	57
ESDR10110	M10	110	9	8	110	38	57
ESDR10120	M10	120	9	8	120	45	57
ESDR10130	M10	130	9	8	130	50	57
ESDR10140	M10	140	9	8	140	50	57
ESDR10150	M10	150	9	8	150	50	57
ESDR10180	M10	180	9	8	180	50	57
ESDR10200	M10	200	9	8	200	50	57

ES-DA2

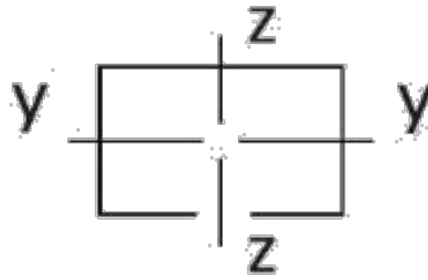
A2 Stainless steel. Tx

CODE	METRIC	LENGTH	ØD(MM)	INSTALLATION KEY (SW)	L1	L2	L3
ESDA208060	M8	60	7	6	60	20	30
ESDA210060	M10	60	9	8	60	20	30

SUPPORT CHANNELS RANGE

CODE	DESCRIPTION	MATERIAL	COATING
GPZ201010	Channel 20 x 10 x 1	A	Z
GPZ250808	Channel 25 x 8 x 0,80	A	Z
GPG271812	Channel 27 x 18 x 1,25	A	Z
GPG283018	Channel 28 x 30 x 1,80	A	Z
GPG384020	Channel 38 x 40 x 2,00	A	Z
GPG351312	Channel 35 x 12 x 1,20	A	Z
GPG402015	Channel 40 x 20 x 1,50	A	Z
GPI271812	Channel 27 x 18 x 1,25	A2 INOX	Z
GPI283015	Channel 28 x 30 x 1,50	A	Z
GPP271812	Channel 27 x 18 x 1,25	A	Z
GPV251120	Channel 25 x 11 x 2,00	PVC	Z
GPO357510	Zinc-plated omega Channel slotted/plain	A	Z
GLO357510		A	Z
GLO351515		A	Z
SPZ271820	Cantilever 27 x 18 x 1,20 x 200	A	Z
SPZ271830	Cantilever 27 x 18 x 1,20 x 300	A	Z
SPZ384020	Cantilever 38 x 40 x 2,00 x 200	A	Z
SPZ384025	Cantilever 38 x 40 x 2,00 x 250	A	Z
SPZ384030	Cantilever 38 x 40 x 2,00 x 300	A	Z
SPZ384035	Cantilever 38 x 40 x 2,00 x 350	A	Z
SPZ384040	Cantilever 38 x 40 x 2,00 x 400	A	Z
SPZ384050	Cantilever 38 x 40 x 2,00 x 500	A	Z
SPZ384060	Cantilever 38 x 40 x 2,00 x 600	A	Z
SPV2718	Vertical support	A	Z
SPV3840		A	Z
SPH2718	Horizontal support	A	Z
SPH3840		A	Z
SPGH2718	Horizontal channel support	A	Z
SPGH3840		A	Z
TG230620	Tope tornillo guía perforada	A	Z
TG230820		A	Z
TG230830		A	Z
TG340830		A	Z
TG41030		A	Z
TUG201006	Channel stud nut	A	Z
TUG201008		A	Z
TUG271808		A	Z
TUG271810		A	Z
TUGRA2706	Fast nut-guide with washer	A	Z
TUGRA2708		A	Z
TUGRA3808		A	Z
TUGRA3810		A	Z
TGR230620	Fast-fixing stop screw	A	Z
TGR230820		A	Z
TGR230830		A	Z
TGR340830		A	Z
TGR341030		A	Z
EMZ45	Zinc-plated and stainless steel brackets	A	Z
EMZ90		A2 INOX	Z
EMZ00		A	Z
EMI45		A2 INOX	Z
EMI90		A	Z
EMIO0		A	Z
PGZ2718	Zinc-plated and stainless steel U-fitting	A	Z
PGZ2830		A	Z
PGZ3840		A2 INOX	Z
PGI2718		A2 INOX	Z
PGI2830		A	Z
PGI3840		A	Z
PUZ2718	Union plates for profiles	A	Z
PUZ3840		A	Z
SOTP2718	Plastic cap for framing systems	EPDM	Z
SOTP2830		EPDM	Z
SOTP3840		EPDM	Z
SOTP4121		EPDM	Z
SOTP4141		EPDM	Z
SOPG27	Isophonic rubber profile	EPDM	Z
SOPG38		EPDM	Z
SOPG41		EPDM	Z

CODE	DESCRIPTION	MATERIAL	COATING
GPX412115	Channel 41 x 21 x 1,50	A	Z
GPX412120	Channel 41 x 21 x 2,00	A	Z
GPX412125	Channel 41 x 21 x 2,50	A	Z
GPX414115	Channel 41 x 41 x 1,50	A	Z
GPX414120	Channel 41 x 41 x 2,00	A	Z
GPX414125	Channel 41 x 41 x 2,50	A	Z
GPX2M412120	Channel 41 x 21 x 2,00	A	Z
GPX2M414120	Channel 41 x 41 x 2,00	A	Z
SPX412115	Cantilever 41 x 21 x 2,50 x 150	A	Z
SPX412130	Cantilever 41 x 21 x 2,50 x 300	A	Z
SPX412145	Cantilever 41 x 21 x 2,50 x 450	A	Z
SPX414115	Cantilever 41 x 41 x 2,50 x 150	A	Z
SPX414130	Cantilever 41 x 41 x 2,50 x 300	A	Z
SPX414145	Cantilever 41 x 41 x 2,50 x 450	A	Z
SPX414160	Cantilever 41 x 41 x 2,50 x 600	A	Z
SPX414175	Cantilever 41 x 41 x 2,50 x 750	A	Z
SPX414110	Cantilever 41 x 41 x 2,50 x 1000	A	Z
SPGH3840	Horizontal channel support	A	Z
PRX01	Adjustable support INDESTRUT	A	Z
SPRXH4121	Rectangular U base support INDESTRUT	A	Z
SPRXV4121		A	Z
SPUX412100	Support U base INDESTRUT	A	Z
SPUX412145		A	Z
ABGX4121	Channel clamp INDESTRUT	A	Z
EMPX4121	Connecting piece for prof INDESTRUT	A	Z
RESX300	Reinforcement support INDESTRUT	A	Z
RESX550		A	Z
RTX01	Rotule INDESTRUT	A	Z
EMX9002	Zinc- plated fixing plates INDESTRUT	A	Z
EMX9004		A	Z
EMX4502		A	Z
EMX1302		A	Z
PGX4121	Profile bridges INDESTRUT	A	Z
PGX4141		A	Z
UNEX412103	Angled brackets/plate T shaped INDESTRUT	A	Z
UNPX42101		A	Z
UNPX42102		A	Z
UNPX42103		A	Z
UNPX42104		A	Z
UNTX412104		A	Z
SCRX090	Heavy duty angled bracket	A	Z
TUGX08	Channel nut	A	Z
TUGX10		A	Z
TUGXMU08	Channel spring nut INDESTRUT	A	Z
TUGXMU10		A	Z
TGX0840	Profile buffer screws INDESTRUT	A	Z
TGX0860		A	Z
TGX1040		A	Z
TGX1060		A	Z
TURX08	Nut quick fixation INDESTRUT	A	Z
TURX10		A	Z
TURX12		A	Z
TURXA08	Nut INDESTRUT with washer for quick fixation	A	Z
TURXA10		A	Z
TGRX0830	INDESTRUT fast-fixing stop screw	A	Z
TGRX0860		A	Z
TGRX1030		A	Z
TGRX1060		A	Z
PAEXM08	Sliding guide	A	Z
PAEXM10		A	Z
SOTP4121	Plastic cap for framing systems	EPDM	Z
SOTP4141		EPDM	Z
SOPG41	Isophonic rubber profile	EPDM	Z

GEOMETRIC DATA


CODE	SECTION	WEIGHT	AREA	MOMENT OF INERTIA (I _y)	MOMENT OF INERTIA (I _z)	RESISTANT MODULE (W _y)	RESISTANT MODULE (W _z)
	[mm x mm]	[Kg/m]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ³]	[cm ³]
GPZ201010	20 x 10	0.31	0.44	0.06	0.25	0.10	0.25
GPZ250808	25 x 8	0.26	0.35	0.03	0.30	0.06	0.24
GPG271812	27 x 18	0.66	0.84	0.37	0.97	0.34	0.71
GPG283018	28 x 30	1.25	1.60	1.79	2.10	1.03	1.50
GPG384020	38 x 40	2.00	2.55	5.39	6.18	2.39	3.25
GPG402015	40 x 20	0.94	1.30	0.71	3.10	0.57	1.55
GPP271812	27 x 18	0.66	0.84	0.37	0.97	0.34	0.71
GPI271812	27 x 18	0.66	0.79	0.36	0.90	0.33	0.67
GPI283015	28 x 30	1.25	1.37	1.54	1.82	0.89	1.30
GPI384020	37 x 40	2.00	2.55	5.39	6.18	2.39	3.25
GPX412115	41 x 21	1.21	1.41	0.89	3.58	0.70	1.75
GPX412120	41 x 21	1.55	1.99	0.95	4.44	0.75	2.17
GPX412125	41 x 21	1.71	2.28	1.32	5.54	1.03	2.70
GPX414115	41 X 41	1.65	2.42	4.88	5.99	2.05	2.92
GPX414120	41 x 41	2.09	2.65	5.84	7.62	2.46	3.72
GPX414125	41 x 41	2.53	3.28	7.08	9.25	2.98	4.51
GPX2M412120	41 x 21	1.55	1.99	0.95	4.44	0.75	2.17
GPX2M414120	41 x 41	2.09	2.65	5.84	7.62	2.46	3.72
SPZ271820	27 x 18	1,2	0.84	0.37	0.97	0.34	0.71
SPZ271830	27 x 18	1,2	0.84	0.37	0.97	0.34	0.71
SPZ384020	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384025	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384030	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384035	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384040	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384050	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPZ384060	38 x 40	2,4	2.55	5.39	6.18	2.39	3.25
SPX412115	41 x 21	1,88	2.28	1.32	5.54	1.03	2.70
SPX412130	41 x 21	1,88	2.28	1.32	5.54	1.03	2.70
SPX412145	41 x 21	1,88	2.28	1.32	5.54	1.03	2.70
SPX414115	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51
SPX414130	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51
SPX414145	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51
SPX414160	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51
SPX414175	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51
SPX414110	41 x 41	2,7	3.28	7.08	9.25	2.98	4.51

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INDEX[®]
A PERFECT FIXING

The image shows a close-up of a brown cardboard box in the foreground. The box features the 'INDEX' logo in blue, which consists of a stylized 'I' made of three horizontal bars followed by the word 'INDEX' in a bold, sans-serif font. Below the logo is the slogan 'A PERFECT FIXING' in a smaller, blue, sans-serif font. The background is a blurred warehouse or industrial setting with a worker in a dark blue uniform on the left and bright overhead lights creating a bokeh effect.

SALES CONDITIONS

SHIPPING

Shipping cost will be paid when the value of the order exceed the amount agree for free transport as sale condition between the manager of the country and the client. This conditions are considered using our usual transport agency.

When the transport cost will be paid for the client and the client dont express directly his intention to use another type of transport or company, the order will be shipped with our regular agency transport.

At the moment of received the order, please verify the condition of the order, if there is some damage in the order, please proceed to state this one into the receipt of the agency transport and comunicate as soon as possible this claim or objection to your contact person in INDEX.

For orders which the total amount will be less than 250€, should be charge 30 € as handling cost.

PAYMENT CONDITIONS

No replacement costs admitted.

60-day direct money order, net payment.

If bills of exchange are not domiciled, under no circumstances shall INDEX A Perfect Fixing be responsible for possible return expenses due to unpaid drafts.

Payment documents must be sent within a maximum of 30 days after invoice date.

Payment documents which do not respect payments due date shown on our invoice shall incur a 1% monthly deferral cost.

Our computer system automatically retains any orders in the event of arrears or delay in the receipt of payment documents.

DELIVERY TIME

Unless expressly agreed with our Headquarters, the delivery times indicated by our representatives are to be used as a guide.

Delay in delivery times or deadlines shall not lead to penalties.

AUGUST AND DECEMBER

Due dates that are handled in these months shall not have charges or credits.

If payment due is fractioned at 50% between the previous and following month, no charges or credits are to be applied.

If payment due is brought forward to the previous month, a 1% discount for advance payment shall be applied to the invoice.

If payment due is deferred to the following month, a 1% charge shall be applied to the invoice for financial costs.

MATERIAL RETURNS

Material returns shall not be accepted 15 days after delivery date.

If the return is due to reasons not attributable to INDEX A Perfect Fixing, the customer shall return the goods with prepaid shipping. In addition, the client is to be charged any costs arising by way of repackaging, as well as those incurred for initial shipment transportation. The surcharge shall total approximately 20% of the value of the goods.

The value of the returned goods or the payment done, shall be deducted from the origin bill and costumer shall be notified.

Material returned with unpaid shipping costs shall not be accepted unless it comes through out usual transport agencies.

The Courts and Tribunals of the city of Logroño shall be considered the competent authority for any questions arising from sales performed by INDEX A Perfect Fixing (Técnicas Expansivas, S.L.). Prices do not include VAT. INDEX A Perfect Fixing reserves the right to change prices, packaging or articles in stock without prior notice.

INDEX A Perfect Fixing, due to production requirements, reserves the right to modify product design or characteristics without prior notice. Images in this catalogue are informative illustrations with no contractual obligation and may not coincide with the original model.

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
975A2M04	298	AB6I054	254	ABAI540049	243	ABE144225	145	ABE256325	145	ABGA022	244
975A2M05	298	AB6I060	254	ABAI540060	243	ABE144816	145	ABE256332	145	ABGA028	244
975A2M06	298	AB7IDZ0810	256	ABAI540089	243	ABE144819	145	ABE256338	145	ABGA035	244
975A2M08	298	AB7IDZ1012	256	ABAI540114	243	ABE144819CP	145	ABE256350	145	ABGA040	244
975A2M10	298	AB7IDZ1214	256	ABAI540133	243	ABE144825	145	ABE256363	145	ABGA048	244
975A2M12	298	AB7IDZ1416	256	ABAI540140	243	ABE144832	145	ABE256380	145	ABGA054	244
975A2M14	298	AB7IDZ1618	256	ABAI540159	243	ABE144838	145	ABE256390	145	ABGA060	244
975A2M16	298	AB7IDZ1820	256	ABAI540168	243	ABE145522	145	ABE3509	144	ABGA075	244
975A2M18	298	AB7IDZ2022	256	ABAI540219	243	ABE145532	145	ABE3513	144	ABGA090	244
975A2M20	298	AB7IDZ2224	256	ABBUI315	261	ABE164219	145	ABE3516	144	ABGA100	244
975A2M22	298	AB7IDZ2628	256	ABBUI618	261	ABE164816	145	ABE3519	144	ABGA110	244
975A2M24	298	AB7I2010	256	ABBUI921	261	ABE164819	145	ABE4213	144	ABGA115	244
975A2M27	298	AB7I2012	256	ABCH00034	264	ABE164819CP	145	ABE4216	144	ABGA140	244
975A2M30	298	AB7I2014	256	ABCH01000	264	ABE164825	145	ABE4219	144	ABGA160	244
975A2M33	298	AB7I2016	256	ABCH01012	264	ABE164832	145	ABE4225	144	ABGD012	262
975A2M36	298	AB7I2018	256	ABCH01014	264	ABE164838	145	ABE4232	144	ABGD015	262
975ZM04	298	AB7I2020	256	ABCH02000	264	ABE165519	145	ABE4238	144	ABGD018	262
975ZM05	298	AB7I2022	256	ABCH02012	264	ABE165522	145	ABE4813	144	ABGD022	262
975ZM06	298	AB7I2024	256	ABCH03000	264	ABE165522CP	145	ABE4816	144	ABGD028	262
975ZM08	298	AB7I2026	256	ABCH04000	264	ABE165525	145	ABE4819	144	ABGM012	261
975ZM10	298	AB7I2028	256	ABCH05000	264	ABE165532	145	ABE4825	144	ABGM015	261
975ZM12	298	AB7I2032	256	ABCH06000	264	ABE165538	145	ABE4832	144	ABGM018	261
975ZM14	298	AB7I2034	256	ABCH08000	264	ABE165550	145	ABE4838	144	ABGM022	261
975ZM16	298	AB7I2036	256	ABCHI0000	264	ABE165563	145	ABE5519	144	ABGM028	261
975ZM18	298	AB7I2038	256	ABCHI2000	264	ABE165575	145	ABE5522	144	ABGM035	261
975ZM20	298	AB7I2040	256	ABCHI4000	264	ABE166310	145	ABE5525	144	ABGS010	262
975ZM22	298	AB7I2050	256	ABCHI6000	264	ABE166311	145	ABE5532	144	ABGS012	262
975ZM24	298	ABA4832	156	ABCIKIT25	265	ABE166312	145	ABE5538	144	ABGS015	262
975ZM27	298	ABA4838	156	ABCR010	261	ABE166313	145	ABE5550	144	ABGS018	262
975ZM2M06	298	ABA4845	156	ABCR012	261	ABE166314	145	ABE5563	144	ABGS022	262
975ZM30	298	ABA4850	156	ABD6012	253	ABE166319	145	ABE5575	144	ABGS028	262
975ZM33	298	ABA5538	156	ABD6015	253	ABE166325	145	ABE6310	144	ABGS035	262
975ZM36	298	ABA5545	156	ABD6018	253	ABE166325CP	145	ABE6311	144	ABGS042	262
AACAR06	72	ABA5555	156	ABD6022	253	ABE166332	145	ABE6312	144	ABGS054	262
AACAR08	72	ABA5565	156	ABD6028	253	ABE166338	145	ABE6313	144	ABGUG15	277
AACAR10	72	ABA6360	156	ABDE075	245	ABE166350	145	ABE6314	144	ABGUG18	277
AACAR12	72	ABA6370	156	ABDE090	245	ABE166363	145	ABE6315	144	ABGUG20	277
AACCA06	72	ABA6385	156	ABDE110	245	ABE166375	145	ABE6316	144	ABGUG22	277
AACCA08	72	ABAI53010	243	ABDE125	245	ABE166380	145	ABE6318	144	ABGUG25	277
AACCA10	72	ABAI53012	243	ABDE160	245	ABE166390	145	ABE6319	144	ABGUG28	277
AACCA12	72	ABAI53015	243	ABDE200	245	ABE184819	145	ABE6320	144	ABGUG32	277
AACCA16	72	ABAI53018	243	ABDE250	245	ABE184825	145	ABE6322	144	ABGUG40	277
AACCI06	72	ABAI53022	243	ABDE315	245	ABE184838	145	ABE6324	144	ABGUG50	277
AACCI08	72	ABAI53028	243	ABDI0012	254	ABE185522	145	ABE6325	144	ABGX4121	293
AACCI10	72	ABAI59010	243	ABDI0015	254	ABE185525	145	ABE6332	144	ABIA015	237
AACCI12	72	ABAI59012	243	ABDI0018	254	ABE185532	145	ABE6338	144	ABIA018	237
AACES06	72	ABAI59015	243	ABDI0022	254	ABE185538	145	ABE6350	144	ABIA022	237
AACES08	72	ABAI59017	243	ABDI0028	254	ABE185550	145	ABE6363	144	ABIA028	237
AACES10	72	ABAI59018	243	ABDP075	245	ABE185563	145	ABE6375	144	ABIA035	237
AACES12	72	ABAI59022	243	ABDP090	245	ABE186310	145	ABE6380	144	ABIA042	237
AACGA06	72	ABAI59028	243	ABDP110	245	ABE186311	145	ABE6390	144	ABIA048	237
AACGA08	72	ABAI59035	243	ABDP125	245	ABE186312	145	ABE14213	144	ABIA054	237
AACGA10	72	ABAI59042	243	ABDP160	245	ABE186313	145	ABE14216	144	ABIA060	237
AACGA12	72	ABAI59054	243	ABDP200	245	ABE186314	145	ABE14219	144	ABIA075	237
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AACTO08	72	ABAI59064	243	ABDZ6012	253	ABE186325	145	ABE14816	144	ABIA100	237
AACTO10	72	ABAI59067	243	ABDZ6015	253	ABE186332	145	ABE14819	144	ABIA110	237
AACTO12	72	ABAI59076	243	ABDZ6018	253	ABE186338	145	ABE14825	144	ABIA115	237
AACTO16	72	ABAI59080	243	ABDZ6022	253	ABE186350	145	ABE14832	144	ABIA125	237
AB6I012	254	ABAI59114	243	ABDZ6028	253	ABE186363	145	ABE15519	144	ABICP060	242
AB6I015	254	ABAI530027	243	ABDZ70810	255	ABE186375	145	ABE15522	144	ABICP075	242
AB6I016	254	ABAI530034	243	ABDZ71012	255	ABE186380	145	ABE15525	144	ABICP090	242
AB6I018	254	ABAI530042	243	ABDZ71214	255	ABE186390	145	ABE16319	144	ABICP110	242
AB6I022	254	ABAI530049	243	ABDZ71416	255	ABE255522	145	ABE16325	144	ABICP140	242
AB6I026	254	ABAI530054	243	ABDZ71618	255	ABE255525	145	ABFC09	304	ABICP160	242
AB6I028	254	ABAI530060	243	ABDZ71820	255	ABE256310	145	ABFC14	304	ABICP220	242
AB6I032	254	ABAI530076	243	ABDZ72022	255	ABE256311	145	ABFC19	304	ABICP270	242
AB6I035	254	ABAI530089	243	ABDZ72224	255	ABE256312	145	ABFP25	304	ABICP315	242
AB6I042	254	ABAI530108	243	ABDZ72628	255	ABE256313	145	ABFP32	304	ABID012	276
AB6I048	254	ABAI530114	243	ABE144219	145	ABE256314	145	ABGA018	244	ABID014	276

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
ABID016	276	ABM8315	244	ABP3516	155	ABPRG25	278	ABR4860	152	ABRE035	238
ABID020	276	ABMD10	278	ABP3519	155	ABPRG32	278	ABR4880	152	ABRE040	238
ABID028	276	ABMD12	278	ABP3522	155	ABPRG40	278	ABR4890	152	ABRE048	238
ABIN012	276	ABMD14	278	ABP3525	155	ABPRG50	278	ABR5519	152	ABRE054	238
ABIN014	276	ABMD16	278	ABP3913	155	ABPT3513	156	ABR5522	152	ABRE060	238
ABIN016	276	ABMD18	278	ABP3916	155	ABPT3516	156	ABR5525	152	ABRE070	238
ABIN020	276	ABMD20	278	ABP3919	155	ABPT3519	156	ABR5532	152	ABRE075	238
ABIN025	276	ABMD22	278	ABP3922	155	ABPT3913	156	ABR5538	152	ABRE083	238
ABIN028	276	ABMD26	278	ABP3925	155	ABPT3916	156	ABR5545	152	ABRE090	238
ABIN032	276	ABMD28	278	ABP3932	155	ABPT4213	156	ABR5560	152	ABRE100	238
ABIN035	276	ABMS10	278	ABP3938	155	ABPT4216	156	ABR5573	152	ABRE110	238
ABIP015	258	ABMS12	278	ABP4213	155	ABPT4219	156	ABRA015	236	ABRE115	238
ABIP018	258	ABMS14	278	ABP4216	155	ABPT4225	156	ABRA018	236	ABRE125	238
ABIP022	258	ABMS16	278	ABP4219	155	ABPT4232	156	ABRA022	236	ABRE133	238
ABIP026	258	ABMS18	278	ABP4222	155	ABPT4819	156	ABRA028	236	ABRE140	238
ABIP028	258	ABMS20	278	ABP4225	155	ABPT4825	156	ABRA035	236	ABRE150	238
ABIP035	258	ABMS22	278	ABP4232	155	ABPT4832	156	ABRA042	236	ABRE160	238
ABIP042	258	ABMS26	278	ABP4238	155	ABPT4838	156	ABRA048	236	ABRE180	238
ABIP048	258	ABMS28	278	ABP4813	155	ABPT4850	156	ABRA054	236	ABRE200	238
ABIP054	258	ABMUG15	277	ABP4816	155	ABPU016	257	ABRA060	236	ABRE220	238
ABIP060	258	ABMUG18	277	ABP4819	155	ABPU018	257	ABRA075	236	ABRE250	238
ABIP067	258	ABMUG22	277	ABP4825	155	ABPU020	257	ABRA090	236	ABRE280	238
ABIP075	258	ABMUG26	277	ABP4832	155	ABPU022	257	ABRA100	236	ABRE300	238
ABIP090	258	ABMUG32	277	ABP4838	155	ABPU025	257	ABRA110	236	ABRE315	238
ABIR015	237	ABMUG40	277	ABP4850	155	ABPU028	257	ABRA115	236	ABRE355	238
ABIR018	237	ABMUG48	277	ABP5519	155	ABPU032	257	ABRA125	236	ABRE400	239
ABIR022	237	ABMZ6008	252	ABP5525	155	ABPU037	257	ABRA23509	153	ABRE450	239
ABIR028	237	ABMZ6010	252	ABP5532	155	ABPU040	257	ABRA23513	153	ABRE500	239
ABIR035	237	ABMZ6012	252	ABP5538	155	ABPU050	257	ABRA23519	153	ABRE560	239
ABIR040	237	ABMZ6014	252	ABP5550	155	ABPU063	257	ABRA24213	153	ABRE600	239
ABIR048	237	ABMZ6015	252	ABPE028	264	ABR3509	152	ABRA24216	153	ABRE630	239
ABIR054	237	ABMZ6016	252	ABPE035	264	ABR3509BLE	153	ABRA24219	153	ABRE710	239
ABIR060	237	ABMZ6018	252	ABPE040	264	ABR3511	152	ABRA24225	153	ABRE800	239
ABM6008	252	ABMZ6020	252	ABPE048	264	ABR3513	152	ABRA24816	153	ABRE900	239
ABM6010	252	ABMZ6022	252	ABPE060	264	ABR3513BLE	153	ABRA24819	153	ABRE910	239
ABM6012	252	ABMZ6025	252	ABPE075	264	ABR3516	152	ABRA24825	153	ABRE911	239
ABM6014	252	ABMZ6026	252	ABPE090	264	ABR3516BLE	153	ABRA24832	153	ABRE912	239
ABM6015	252	ABMZ6028	252	ABPE100	264	ABR3519	152	ABRA24838	153	ABREA2018	238
ABM6016	252	ABMZ6032	252	ABPE115	264	ABR3522	152	ABRA24850	153	ABREA2022	238
ABM6018	252	ABMZ6035	252	ABPE140	264	ABR3525	152	ABRC3509	154	ABREA2028	238
ABM6020	252	ABMZ6037	252	ABPE160	264	ABR3532	152	ABRC3513	154	ABREA2035	238
ABM6022	252	ABMZ6040	252	ABPE220	264	ABR3913	152	ABRC3516	154	ABREA2040	238
ABM6025	252	ABMZ6042	252	ABPI006	257	ABR3916	152	ABRC3519	154	ABREA2048	238
ABM6026	252	ABMZ6047	252	ABPI008	257	ABR3919	152	ABRC3913	154	ABREA2054	238
ABM6028	252	ABMZ6050	252	ABPI010	257	ABR3925	152	ABRC3916	154	ABREA2060	238
ABM6032	252	ABMZ6054	252	ABPI012	257	ABR3932	152	ABRC3919	154	ABREA2075	238
ABM6035	252	ABMZ6060	252	ABPI014	257	ABR4213	152	ABRC3925	154	ABREA2090	238
ABM6037	252	ABMZ6063	252	ABPI016	257	ABR4213BLE	153	ABRC3938	154	ABREA2110	238
ABM6040	252	ABMZ7008	255	ABPI018	257	ABR4216	152	ABRC4213	154	ABREA2115	238
ABM6042	252	ABMZ7010	255	ABPI020	257	ABR4216BLE	153	ABRC4216	154	ABREA2125	238
ABM6047	252	ABMZ7012	255	ABPI022	257	ABR4219	152	ABRC4219	154	ABREA2140	238
ABM6050	252	ABMZ7014	255	ABPI025	257	ABR4219BLE	153	ABRC4225	154	ABREA2160	238
ABM6054	252	ABMZ7016	255	ABPI026	257	ABR4222	152	ABRC4232	154	ABREA2200	238
ABM6060	252	ABMZ7018	255	ABPI028	257	ABR4225	152	ABRC4238	154	ABREA4018	239
ABM6063	252	ABMZ7020	255	ABPI032	257	ABR4232	152	ABRC4810	154	ABREA4022	239
ABM6A2012	253	ABMZ7022	255	ABPI040	257	ABR4238	152	ABRC4816	154	ABREA4028	239
ABM6A2015	253	ABMZ7024	255	ABPI042	257	ABR4250	152	ABRC4819	154	ABREA4035	239
ABM6A2018	253	ABMZ7025	255	ABPI047	257	ABR4810	152	ABRC4825	154	ABREA4040	239
ABM6A2020	253	ABMZ7026	255	ABPI050	257	ABR4811	152	ABRC4832	154	ABREA4048	239
ABM6A2022	253	ABMZ7028	255	ABPI063	257	ABR4812	152	ABRC4838	154	ABREA4054	239
ABM6A2028	253	ABMZ7032	255	ABPID016	142	ABR4813	152	ABRC4845	154	ABREA4060	239
ABM8050	244	ABMZ7034	255	ABPID020	142	ABR4816	152	ABRC4850	154	ABREA4075	239
ABM8063	244	ABMZ7036	255	ABPID025	142	ABR4819	152	ABRC4860	154	ABREA4090	239
ABM8075	244	ABMZ7038	255	ABPID032	142	ABR4822	152	ABRC4880	154	ABREA4110	239
ABM8090	244	ABMZ7040	255	ABPM720	302	ABR4825	152	ABRC4890	154	ABREA4115	239
ABM8110	244	ABMZ7050	255	ABPM730	302	ABR4825BLE	153	ABRC5525	154	ABREA4125	239
ABM8125	244	ABMZ7063	255	ABPM740	302	ABR4832	152	ABRC5573	154	ABREA4140	239
ABM8160	244	ABP3509	155	ABPRG12	278	ABR4838	152	ABRE018	238	ABREA4160	239
ABM8200	244	ABP3511	155	ABPRG15	278	ABR4845	152	ABRE022	238	ABREA4200	239
ABM8250	244	ABP3513	155	ABPRG20	278	ABR4850	152	ABRE028	238	ABRI018	240

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
ABRI022	240	ABRID020	242	ABSI013	258	ACHAFO10C	65	ACHTA212C	61	AGP092097	247
ABRI028	240	ABRID025	242	ABSI014	258	ACHAFO12C	65	ACHTA212L	61	AGP098103	247
ABRI035	240	ABRID032	242	ABSI015	258	ACHE08C	63	ACHTA214C	61	AGP104112	247
ABRI040	240	ABRID040	242	ABSI016	258	ACHE09C	63	ACHTA214L	61	AGP113121	247
ABRI048	240	ABRID050	242	ABSI017	258	ACHE10C	63	ACHTA216C	61	AGP122130	247
ABRI054	240	ABRID063	242	ABSI018	258	ACHE10L	63	ACHTA216L	61	AGP131139	247
ABRI060	240	ABRID075	242	ABSI019	258	ACHE11C	63	ACHTA220C	61	AGP140148	247
ABRI070	240	ABRID090	242	ABSI020	258	ACHE11L	63	ACHTP108C	62	AGP149161	247
ABRI075	240	ABRID110	242	ABSI021	258	ACHE12C	63	ACHTP108L	62	AGP162174	247
ABRI083	240	ABRID125	242	ABSI022	258	ACHE12L	63	ACHTP110C	62	AH060606	47
ABRI090	240	ABRID140	242	ABSI025	258	ACHE14C	63	ACHTP110L	62	AH06070	47
ABRI100	240	ABRID160	242	ABTA0630	301	ACHE14L	63	ACHTP112C	62	AH06080	47
ABRI110	240	ABRT3509	154	ABTA0640	301	ACHG08C	64	ACHTP112L	62	AH06090	47
ABRI115	240	ABRT3513	154	ABTA0650	301	ACHG09C	64	ACHTPL08C	62	AH06100	47
ABRI125	240	ABRT3516	154	ABTA0730	301	ACHG10C	64	ACHTPL08L	62	AH06110	47
ABRI133	240	ABRT3519	154	ABTA0740	301	ACHG11C	64	ACHTPL10C	62	AH06120	47
ABRI140	240	ABRT3913	154	ABTA0750	301	ACHG12C	64	ACHTPL10L	62	AH06130	47
ABRI150	240	ABRT3916	154	ABTA0760	301	ACHG14C	64	ACHTPL112C	62	AH06140	47
ABRI160	240	ABRT3919	154	ABTA0770	301	ACHG16C	64	ACHTPL12L	62	AH06150	47
ABRI180	240	ABRT3925	154	ABTA0780	301	ACHGA208C	64	ADUTC47	132	AH06160	47
ABRI200	240	ABRT4213	154	ABTA0840	301	ACHGA210C	64	ADUTC60	132	AH06170	47
ABRI220	240	ABRT4216	154	ABTA0860	301	ACHGA212C	64	AFAZI44819	186	AH06180	47
ABRI250	240	ABRT4219	154	ABTA0880	301	ACHGE10	64	AFAZI44828	186	AH08060	47
ABRI280	240	ABRT4225	154	ABTA1050	301	ACHGE12	64	AFAZI44835	186	AH08075	47
ABRI300	240	ABRT4232	154	ABTA1070	301	ACHGFO08C	64	AFBLI44819	187	AH08090	47
ABRI315	240	ABRT4238	154	ABTA1090	301	ACHGFO10C	64	AFBLI44828	187	AH08100	47
ABRI355	240	ABRT4250	154	ABTA20630	301	ACHGFO12C	64	AFBLI44835	187	AH08115	47
ABRI400	241	ABRT4810	154	ABTAB0630	301	ACHINB08C	63	AFGR144819	187	AH08120	47
ABRI450	241	ABRT4811	154	ABTAB0640	301	ACHINB08L	63	AFGR144828	187	AH08130	47
ABRI500	241	ABRT4812	154	ABTAB0650	301	ACHINB10C	63	AFGR144835	187	AH08155	47
ABRI560	241	ABRT4813	154	ABTC020	279	ACHINB10L	63	AFMCI44819	186	AH10070	47
ABRI600	241	ABRT4816	154	ABTC025	279	ACHINN08C	63	AFMCI44828	186	AH10080	47
ABRI630	241	ABRT4819	154	ABTD016	279	ACHINN08L	63	AFMCI44835	186	AH10090	47
ABRI710	241	ABRT4825	154	ABTD018	279	ACHINN10C	63	AFMDI44819	186	AH10100	47
ABRI800	241	ABRT4832	154	ABTD020	279	ACHINN10L	63	AFMDI44828	186	AH10120	47
ABRI900	241	ABRT4838	154	ABTD022	279	ACHT08C	61	AFMDI44835	186	AH10140	47
ABRI910	241	ABRT4845	154	ABTD025	279	ACHT08L	61	AFNEI44819	187	AH10150	47
ABRI911	241	ABRT4850	154	ABTD028	279	ACHT09C	61	AFNEI44828	187	AH10160	47
ABRI912	241	ABRT4860	154	ABTG4530	302	ACHT09L	61	AFNEI44835	187	AH10170	47
ABRIA2018	240	ABRT4880	154	ABTG4535	302	ACHT10C	61	AFPGI44819	186	AH10210	47
ABRIA2022	240	ABRT4890	154	ABTG4540	302	ACHT10L	61	AFPGI44828	186	AH10230	47
ABRIA2028	240	ABRT5519	154	ABTG5030	302	ACHT11C	61	AFPGI44835	186	AH12090	47
ABRIA2035	240	ABRT5525	154	ABTG5040	302	ACHT11L	61	AFRDI44819	185	AH12100	47
ABRIA2040	240	ABRT5532	154	ABTO06015	258	ACHT12C	61	AFRDI44828	185	AH12110	47
ABRIA2048	240	ABRT5538	154	ABTR05030	301	ACHT12L	61	AFRDI44835	185	AH12120	47
ABRIA2054	240	ABRT5560	154	ABTR05040	301	ACHT14C	61	AFRTI44819	185	AH12130	47
ABRIA2060	240	ABRT5573	154	ABTR05050	301	ACHT14L	61	AFRTI44828	185	AH12140	47
ABRIA2075	240	ABSA050100	247	ABTR05060	301	ACHT16C	61	AFRTI44835	185	AH12160	47
ABRIA2090	240	ABSA050125	247	ABTR06040	301	ACHT16L	61	AFVEI44819	186	AH12180	47
ABRIA2110	240	ABSA050200	247	ABTR06050	301	ACHT20C	61	AFVEI44828	186	AH12200	47
ABRIA2115	240	ABSA050300	247	ABTR06060	301	ACHT25C	61	AFVEI44835	186	AH12220	47
ABRIA2125	240	ABSA050400	247	ABTS014	279	ACHT8808C	62	AFZNI44819	185	AH12250	47
ABRIA2140	240	ABSA050500	247	ABTS016	279	ACHT8808E	62	AFZNI44828	185	AH14120	47
ABRIA2160	240	ABSA050600	247	ABTS018	279	ACHT8808L	62	AFZNI44835	185	AH14145	47
ABRIA4018	241	ABSAI00100	247	ABTS020	279	ACHT8810C	62	AGP023025	247	AH14170	47
ABRIA4022	241	ABSAI00125	247	ABTS022	279	ACHT8810E	62	AGP026028	247	AH14220	47
ABRIA4028	241	ABSAI00200	247	ABTS025	279	ACHT8810L	62	AGP029031	247	AH14250	47
ABRIA4035	241	ABSAI00300	247	ABTS028	279	ACHT8812C	62	AGP032035	247	AH16125	47
ABRIA4040	241	ABSAI00400	247	ABTS032	279	ACHT8812L	62	AGP036039	247	AH16145	47
ABRIA4048	241	ABSAI00500	247	ACHA08C	65	ACHT8816C	62	AGP040043	247	AH16170	47
ABRIA4054	241	ABSI003	258	ACHA09C	65	ACHT8816L	62	AGP044047	247	AH16220	47
ABRIA4060	241	ABSI004	258	ACHA10C	65	ACHT8820C	62	AGP048051	247	AH16250	47
ABRIA4075	241	ABSI005	258	ACHA11C	65	ACHTA208C	61	AGP052055	247	AH16280	47
ABRIA4090	241	ABSI006	258	ACHA12C	65	ACHTA208L	61	AGP056059	247	AH20170	47
ABRIA4110	241	ABSI007	258	ACHA14C	65	ACHTA209C	61	AGP060063	247	AH20220	47
ABRIA4115	241	ABSI008	258	ACHA16C	65	ACHTA209L	61	AGP064067	247	AH20270	47
ABRIA4125	241	ABSI009	258	ACHAA208C	65	ACHTA210C	61	AGP068073	247	AHIAR0645	73
ABRIA4140	241	ABSI010	258	ACHAA210C	65	ACHTA210L	61	AGP074079	247	AHIAR0855	73
ABRIA4160	241	ABSI011	258	ACHAA212C	65	ACHTA211C	61	AGP080085	247	AHIARI0665	73
ABRID016	242	ABSI012	258	ACHAFO08C	65	ACHTA211L	61	AGP086091	247	AHIARI275	73

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
AHIARI690	73	ALHCB17040	192	AM10150	50	API2150	45	APPGI00	208	ASF025040	259
AHICA0645	73	ALHCB18050	192	AM10160	50	API2180	45	APPT071	208	ASF030045	259
AHICA0855	73	ALHCB19060	192	AM10170	50	API2200	45	APPT091	208	ASF035050	259
AHICA1065	73	ALPL45060	190	AM10210	50	API6145	45	APPT101	208	ASF040060	259
AHICA1275	73	ALPL45080	190	AM10230	50	API6175	45	APSB71	208	ASF050070	259
AHICA1690	73	ALPL45100	190	AM12075	50	API6220	45	APSB91	208	ASF060080	259
AHIC10645	73	ALPL50120	190	AM12080	50	API6250	45	APUEZ200	208	ASF070090	259
AHIC10855	73	ALRE20015	190	AM12090	50	AP20170	45	APX08050	46	ASF080100	259
AHIC11065	73	ALRE25020	190	AM12100	50	AP20200	45	APX08075	46	ASF090110	259
AHIGA0645	73	ALRE25025	190	AM12110	50	AP24205	45	APX08080	46	ASF100120	259
AHIGA0855	73	ALRE25030	190	AM12120	50	AP24235	45	APX08095	46	ASF110130	259
AHIGA1065	73	ALRE35040	190	AM12140	50	APA408068	45	APX08115	46	ASF120140	259
AHIGA1275	73	ALRE35050	190	AM12160	50	APA408075	45	APX10090	46	ASF130150	259
AHIGA1690	73	ALRE40060	190	AM12180	50	APA408090	45	APX10105	46	ASF2010016	259
AHITO0645	73	ALRE40070	190	AM12220	50	APA408115	45	APX10115	46	ASF2012020	259
AHITO0855	73	ALRE40080	190	AM12250	50	APA408135	45	APX10135	46	ASF2016027	259
AHITO1065	73	ALRO14025	191	AM14080	50	APA408165	45	APX10165	46	ASF2020032	259
AHITO1275	73	ALRO16030	191	AM14100	50	APA410090	45	APX10185	46	ASF2025040	259
AHITO1690	73	ALRO17040	191	AM14120	50	APA410105	45	APX12080	46	ASF2032050	259
AIS08080	103	ALRO18040	191	AM14145	50	APA410115	45	APX12100	46	ASF2040060	259
AIS08100	103	ALRO18050	191	AM14170	50	APA410135	45	APX12110	46	ASF2050070	259
AIS08120	103	ALRO19050	191	AM14220	50	APA410155	45	APX12120	46	ASF2060080	259
AIS08140	103	ALRO19060	191	AM14250	50	APA410185	45	APX12130	46	ASF2070090	259
AISCI0070	103	ALRO19070	191	AM16090	50	APA412110	45	APX12150	46	ASF2080100	259
AISCI0090	103	ALRO20060	191	AM16110	50	APA412120	45	APX12180	46	ASF2090110	259
AISCI0110	103	ALRO20070	191	AM16125	50	APA412145	45	APX12200	46	ASF2100120	259
AISCI0130	103	ALRO20080	191	AM16145	50	APA412170	45	APX12220	46	ASF2110130	259
ALHA14025	193	ALRO21080	191	AM16170	50	APA412200	45	APX12255	46	ASF2120140	259
ALHA16030	193	ALRO21090	191	AM16220	50	APA416130	45	APX16145	46	ASF2130150	259
ALHA17040	193	ALRO22100	191	AM16250	50	APA416150	45	APX16175	46	ASFIR03	260
ALHA18040	193	ALRO22110	191	AM16280	50	APA416185	45	APX16220	46	ASFIR30	260
ALHA18050	193	ALRO22120	191	AM20120	51	APA416220	45	APX16250	46	ASFIRCA	260
ALHA19050	193	ALRO23130	191	AM20170	51	APAR070	207	APX20170	46	ATA4832	156
ALHA19060	193	ALROB16030	191	AM20220	51	APARI50	207	APX20200	46	ATA4838	156
ALHA19070	193	ALROB17040	191	AM20270	51	APAT071	207	ARANE14	150	ATA4845	156
ALHA20050	193	ALROB18050	191	AM24180	51	APAT091	207	ARANE16	150	ATA4850	156
ALHA20060	193	ALROB19060	191	AM24260	51	APAT101	207	ARANE18	150	ATA5538	156
ALHA20070	193	AM06045	50	ANCLA40	114	APEN71	208	ARANE25	150	ATA5545	156
ALHA20080	193	AM06055	50	ANCLA47	114	APEN91	208	ARE164816	148	ATA5550	156
ALHA21070	193	AM06060	50	ANCU06040	69	APFL801020	207	ARE164819	148	ATA5555	156
ALHA21080	193	AM06065	50	ANCU06070	69	APFUZ100	207	ARE165522	148	ATA5565	156
ALHA21090	193	AM06070	50	ANFA2309	75	APG06060	46	ARE166320	148	ATA6310	156
ALHA21100	193	AM06080	50	ANFA2312	75	APG06070	46	ARE166325	148	ATA6350	156
ALHA22110	193	AM06085	50	ANFA2316	75	APG06100	46	ARE166332	148	ATA6360	156
ALHA22120	193	AM06090	50	ANFA2319	75	APG08050	46	ARE166338	148	ATA6370	156
ALHA23130	193	AM06100	50	ANFA2323	75	APG08060	46	ARE166350	148	ATA6385	156
ALHAB16030	193	AM06110	50	ANFA2330	75	APG08075	46	ARE4816	147	ATAPO08AR	150
ALHAB17040	193	AM06120	50	ANFA2335	75	APG08095	46	ARE4819	147	ATAPO08BO	150
ALHAB18050	193	AM06130	50	ANFA5114	75	APG08115	46	ARE5522	147	ATAPO08BP	150
ALHAB19060	193	AM06140	50	ANFA5116	75	APG10070	46	ARE6320	147	ATAPO08NE	150
ALHC14025	192	AM06150	50	ANFA5120	75	APG10090	46	ARE6325	147	ATAPO08RC	150
ALHC16030	192	AM06160	50	ANFA5124	75	APG10105	46	ARE6332	147	ATAPO08RT	150
ALHC17040	192	AM06170	50	ANFATA37B	75	APG10115	46	ARE6338	147	ATAPO08VN	150
ALHC18040	192	AM06180	50	ANFATA70B	75	APG10135	46	ARE6350	147	ATAPO10AR	150
ALHC18050	192	AM08050	50	ANFAZ5021	75	APG10165	46	ARE6363	147	ATAPO10BO	150
ALHC19050	192	AM08060	50	AP08050	45	APG10185	46	ARE6380	147	ATAPO10BP	150
ALHC19060	192	AM08065	50	AP08075	45	APG12080	46	ARFOM06Z	300	ATAPO10NE	150
ALHC19070	192	AM08075	50	AP08095	45	APG12110	46	ARFOM08Z	300	ATAPO10RC	150
ALHC20050	192	AM08090	50	AP08115	45	APG12130	46	ARFOM10Z	300	ATAPO10RT	150
ALHC20060	192	AM08115	50	AP10090	45	APG12150	46	ARFOM12Z	300	ATAPO10VN	150
ALHC20070	192	AM08120	50	AP10105	45	APG12180	46	ARFOM16Z	300	AUE166319	148
ALHC20080	192	AM08130	50	AP10115	45	APG12200	46	ARINO14	150	AUE166325	148
ALHC21070	192	AM08155	50	AP10135	45	APG16125	46	ARINO16	150	AUE166332	148
ALHC21080	192	AM10065	50	AP10165	45	APG16145	46	ARINO18	150	AUE166340	148
ALHC21090	192	AM10070	50	AP10185	45	APG16175	46	ARINO25	150	AUE166350	148
ALHC21100	192	AM10080	50	AP12080	45	APG16220	46	ARINOM30	150	AUE166360	148
ALHC22110	192	AM10090	50	AP12100	45	APG20170	46	ASF008016	259	AUE166380	148
ALHC22120	192	AM10100	50	AP12110	45	APG20200	46	ASF012022	259	AUE186310	148
ALHC23130	192	AM10120	50	AP12120	45	APPD100	207	ASF016027	259	AUE186311	148
ALHCB16030	192	AM10140	50	AP12130	45	APPG070	208	ASF020032	259	AUE186312	148

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
AUE186313	148	AZAMGF006	71	BB48370	272	BIE165550	146	BZ12705	225	BZ3Z06070	211
AUE186314	148	AZAMGF008	71	BB48430	272	BIE165558	146	BZ12706	225	BZ3Z08016	211
AUE186315	148	AZAMGF010	71	BB76150	272	BIE165565	146	BZ12708	225	BZ3Z08020	211
AUE186325	148	AZAMGF012	71	BB76200	272	BIE165580	146	BZ12710	225	BZ3Z08025	211
AUE186332	148	AZAMT06	70	BB76290	272	BIE166325	146	BZ12712	225	BZ3Z08030	211
AUE186340	148	AZAMT08	70	BB76370	272	BIE4825	146	BZ158704	222	BZ3Z08040	211
AUE186350	148	AZAMT10	70	BB76450	272	BIE5525	146	BZ158705	222	BZ3Z08050	211
AUE186360	148	AZAMT12	70	BB76540	272	BIE5532	146	BZ158706	222	BZ3Z08060	211
AUE186380	148	AZAMT16	70	BB88770	272	BIE5538	146	BZ158708	222	BZ3Z08070	211
AUE256325	148	AZIM060250	246	BBANA19	274	BIE5550	146	BZ158710	222	BZ3Z08080	211
AUE6310	148	AZIM060375	246	BBANA27	274	BIE5558	146	BZ158712	222	BZ3Z10030	211
AUE6311	148	AZIM060500	246	BBANE19	274	BIE5565	146	BZ3I04010	212	BZ3Z10040	211
AUE6312	148	AZIM060750	246	BBANE27	274	BIE5580	146	BZ3I04016	212	BZ3Z10050	211
AUE6313	148	AZIM061000	246	BC25100AM	275	BIE6325	146	BZ3I04020	212	BZ603905020	216
AUE6314	148	AZIM061250	246	BC25100AZ	275	BN12100	271	BZ3I04030	212	BZ603905030	216
AUE6315	148	AZIM081500	246	BC25100GR	273	BN12225	271	BZ3I04040	212	BZ603905040	216
AUE6319	148	AZIM082000	246	BC25100MA	275	BN12500	271	BZ3I05010	212	BZ603905050	216
AUE6325	148	AZIM082250	246	BC25100RO	275	BN12720	271	BZ3I05016	212	BZ603906016	216
AUE6332	148	AZIM082500	246	BC25100VE	274	BN12850	271	BZ3I05020	212	BZ603906020	216
AUE6340	148	AZIM083000	246	BC36140AM	275	BN25080	271	BZ3I05025	212	BZ603906030	216
AUE6350	148	AZIM083500	246	BC36140AZ	275	BN25100	271	BZ3I05030	212	BZ603906040	216
AUE6360	148	AZIM084000	246	BC36140GR	273	BN25140	271	BZ3I05040	212	BZ603906050	216
AUE6380	148	AZIM084500	246	BC36140MA	275	BN25160	271	BZ3I05050	212	BZ603906060	216
AUTO16532	146	AZIM085000	246	BC36140RO	275	BN25200	271	BZ3I06016	212	BZ603906070	216
AUTO16538	146	AZIM086000	246	BC36140VE	274	BN36140	271	BZ3I06020	212	BZ603906080	216
AUTO532	146	AZIM103000	246	BC36200AM	275	BN36200	271	BZ3I06025	212	BZ603908025	216
AUTO538	146	AZIM103500	246	BC36200AZ	275	BN36250	271	BZ3I06030	212	BZ603908030	216
AVC08120	74	AZIM104000	246	BC36200GR	273	BN36300	271	BZ3I06040	212	BZ603908040	216
AVC08150	74	AZIM105000	246	BC36200MA	275	BN36370	271	BZ3I06050	212	BZ603908050	216
AVC10120	74	AZIM106000	246	BC36200RO	275	BN48120	271	BZ3I08016	212	BZ603908060	216
AVC10150	74	AZIM108000	246	BC36200VE	274	BN48160	271	BZ3I08020	212	BZ603908070	216
AVC10180	74	BAESM04	110	BC48200AM	275	BN48180	271	BZ3I08025	212	BZ603908080	216
AVR08120	74	BAESM05	110	BC48200AZ	275	BN48200	271	BZ3I08030	212	BZ603908090	216
AVR08150	74	BAESM06	110	BC48200GR	273	BN48250	271	BZ3I08040	212	BZ603910025	216
AVR10120	74	BAESM08	110	BC48200MA	275	BN48290	271	BZ3I08050	212	BZ603910030	216
AVR10150	74	BAGAM04	110	BC48200RO	275	BN48370	271	BZ3I08060	212	BZ603910040	216
AVR10180	74	BAGAM05	110	BC48200VE	274	BN48430	271	BZ3I10020	212	BZ603910050	216
AZA2060500	246	BAGAM06	110	BC48290AM	275	BN76150	271	BZ3I10030	212	BZ902103	224
AZA2060750	246	BAGAM08	110	BC48290AZ	275	BN76200	271	BZ3I10040	212	BZ902104	224
AZA2061000	246	BAUTO165510	147	BC48290GR	273	BN76290	271	BZ3Z04008	211	BZ902105	224
AZA2061250	246	BAUTO165540	147	BC48290MA	275	BN76370	271	BZ3Z04010	211	BZ902106	224
AZA2081500	246	BAUTO165550	147	BC48290RO	275	BN76450	271	BZ3Z04012	211	BZ902108	224
AZA2082000	246	BAUTO165565	147	BC48290VE	274	BN76540	271	BZ3Z04016	211	BZ902110	224
AZA2082500	246	BAUTO165580	147	BCPA24214	157	BN88770	271	BZ3Z04020	211	BZ902112	224
AZA2083000	246	BAUTO5510	147	BCPB4214	157	BNDT25100	273	BZ3Z04025	211	BZ9021M04	224
AZA2104000	246	BAUTO5540	147	BCPB4223	157	BNDT36150	273	BZ3Z04030	211	BZ9021M05	224
AZA2106000	246	BAUTO5550	147	BCPN4214	157	BNDT36200	273	BZ3Z04035	211	BZ9021M06	224
AZA2108000	246	BAUTO5565	147	BCPN4223	157	BNDT48200	273	BZ3Z04040	211	BZ9021M08	224
AZAMA06	71	BAUTO5580	147	BCPZ4214	157	BNDT48300	273	BZ3Z04045	211	BZ9021M10	224
AZAMA08	71	BB12100	272	BCPZ4214BL	157	BNDT48370	273	BZ3Z04050	211	BZ93106030	213
AZAMA10	71	BB12225	272	BCPZ4223	157	BNDT76370	273	BZ3Z04060	211	BZ93106040	213
AZAMA12	71	BB12500	272	BCPZ4223BL	157	BOCA006	230	BZ3Z05010	211	BZ93106050	213
AZAMAFO06	71	BB12720	272	BHDS06110	228	BOCA007	230	BZ3Z05012	211	BZ93106060	213
AZAMAFO08	71	BB12850	272	BHDS06160	228	BOCA008	230	BZ3Z05015	211	BZ93106070	213
AZAMAFO10	71	BB25080	272	BHDS06210	228	BOCA010	230	BZ3Z05016	211	BZ93108030	213
AZAMAFO12	71	BB25100	272	BHDS08110	228	BPL02616	274	BZ3Z05020	211	BZ93108040	213
AZAMC06	70	BB25140	272	BHDS08160	228	BZ125IM04	223	BZ3Z05025	211	BZ93108050	213
AZAMC08	70	BB25160	272	BHDS08210	228	BZ125IM05	223	BZ3Z05030	211	BZ93108060	213
AZAMC10	70	BB25200	272	BHDS10160	228	BZ125IM06	223	BZ3Z05035	211	BZ93108070	213
AZAMC12	70	BB36140	272	BHDS10210	228	BZ125IM08	223	BZ3Z05040	211	BZ93108080	213
AZAMC16	70	BB36200	272	BHDS12160	228	BZ125IM10	223	BZ3Z05045	211	BZ934IM04	220
AZAME06	71	BB36250	272	BHDS12210	228	BZ125ZM03	223	BZ3Z05050	211	BZ934IM05	220
AZAME08	71	BB36300	272	BHDS16210	228	BZ125ZM04	223	BZ3Z05060	211	BZ934IM06	220
AZAME10	71	BB36370	272	BHDS16310	228	BZ125ZM05	223	BZ3Z06016	211	BZ934IM08	220
AZAME12	71	BB48120	272	BID25110	274	BZ125ZM06	223	BZ3Z06020	211	BZ934IM10	220
AZAME16	71	BB48160	272	BID25210	274	BZ125ZM08	223	BZ3Z06025	211	BZ934ZM03	220
AZAMG06	71	BB48180	272	BIE164825	146	BZ125ZM10	223	BZ3Z06030	211	BZ934ZM04	220
AZAMG08	71	BB48200	272	BIE165525	146	BZ125ZM12	223	BZ3Z06040	211	BZ934ZM05	220
AZAMG10	71	BB48250	272	BIE165532	146	BZ12703	225	BZ3Z06050	211	BZ934ZM06	220
AZAMG12	71	BB48290	272	BIE165538	146	BZ12704	225	BZ3Z06060	211	BZ934ZM08	220

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
BZ934ZM10	220	BZACHA12C	65	BZALHCT06	106	BZBAGAM05	110	BZINVN7070	184	BZRENO4016	116
BZ934ZM12	220	BZACHG08C	64	BZALHCT08	106	BZBAGAM06	110	BZINVN7080	184	BZRENO4810	116
BZ985IM04	221	BZACHG10C	64	BZALHCTS05	105	BZBB25100	272	BZINNV7060	183	BZRENO4812	116
BZ985IM05	221	BZACHG12C	64	BZALHCTS06	105	BZBB25160	272	BZINNV7070	183	BZRENO4816	116
BZ985IM06	221	BZACHINB08C	63	BZALHCTS08	105	BZBB25200	272	BZINNV7080	183	BZRENO4820	116
BZ985IM08	221	BZACHINB10C	63	BZALPL45060	190	BZBB36140	272	BZMAE0630	299	BZRENO4824	116
BZ985IM10	221	BZACHT08C	61	BZALPL45080	190	BZBB36200	272	BZMAE0825	299	BZSJZ0403	122
BZABE144819	145	BZACHT08L	61	BZALPL45100	190	BZBB36300	272	BZMAE1030	299	BZSJZ0505	122
BZABE144825	145	BZACHT10C	61	BZALPL50120	190	BZBB48160	272	BZMEDUB06	106	BZSJZ0506	122
BZABE164819	145	BZACHT10L	61	BZALRE20015	190	BZBB48200	272	BZMEDUB08	106	BZSJZ0608	122
BZABE165522	145	BZACHT12C	61	BZALRE25020	190	BZBB48290	272	BZMEDUB10	106	BZSVCLB	197
BZABE165525	145	BZACHT12L	61	BZALRE25025	190	BZBB48370	272	BZM108075	49	BZSVCLM	197
BZABE165532	145	BZACHTA208C	61	BZALRE25030	190	BZBN25100	271	BZM10090	49	BZSVNB01	197
BZABE165538	145	BZACHTA208L	61	BZALRE35040	190	BZBN25160	271	BZPACC15015	195	BZSVNB02	197
BZABE165550	145	BZACHTA210C	61	BZALRE35050	190	BZBN25200	271	BZPACC15020	195	BZSVNM01	197
BZABE166325	145	BZACHTA210L	61	BZALRE40060	190	BZBN36140	271	BZPACC15025	195	BZSVNM02	197
BZABE166332	145	BZAGP023025	247	BZALRE40070	190	BZBN36200	271	BZPACC20025	195	BZT8135009	159
BZABE166338	145	BZAGP029031	247	BZALRE40080	190	BZBN36300	271	BZPACC20030	195	BZT8135013	159
BZABE3509	144	BZAGP040043	247	BZALRO14025	191	BZBN48160	271	BZPACC20035	195	BZT8135016	159
BZABE3513	144	BZALHA14025	193	BZALRO16030	191	BZBN48200	271	BZPACC20040	195	BZT8135019	159
BZABE4213	144	BZALHA16030	193	BZALRO17040	191	BZBN48290	271	BZPACC20045	195	BZT8139013	159
BZABE4216	144	BZALHA17040	193	BZALRO18040	191	BZBN48370	271	BZPACC20050	195	BZT8139016	159
BZABE4219	144	BZALHA18040	193	BZALRO18050	191	BZBOCA008	230	BZPACP22520	195	BZT8139019	159
BZABE4225	144	BZALHA18050	193	BZALRO19050	191	BZBOCA010	230	BZPACP22525	195	BZT8139025	159
BZABE4813	144	BZALHA19050	193	BZALRO19060	191	BZCFBL	196	BZPACP22530	195	BZT8139032	159
BZABE4816	144	BZALHA19060	193	BZALRO19070	191	BZGDZ03	125	BZPACP25040	195	BZT8142009	159
BZABE4819	144	BZALHA19070	193	BZALRO20060	191	BZGDZ04	125	BZPACP25050	195	BZT8142013	159
BZABE4825	144	BZALHA20060	193	BZALRO20070	191	BZGDZ05	125	BZPACP29060	195	BZT8142016	159
BZABE4832	144	BZALHA20070	193	BZALRO21080	191	BZGDZ06	125	BZPACP29070	195	BZT8142019	159
BZABE4838	144	BZALHA20080	193	BZALRO21090	191	BZGMZ08012	196	BZPACP34040	195	BZT8142025	159
BZABE5519	144	BZALHA21080	193	BZALRO22100	191	BZGMZ10016	196	BZPACP34050	195	BZT8142032	159
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BZABE6325	144	BZALHAB1630	193	BZALROBI850	191	BZGRB010	281	BZPACX15016	196	BZT8148038	159
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BZABP4225	155	BZALHAT08	106	BZALROTS06	105	BZGRB120	281	BZPAGAM05	111	BZT8242019	160
BZABP4232	155	BZALHATS05	105	BZALROTS08	105	BZGRZ05	124	BZPAGAM06	111	BZT8242025	160
BZABPI016	257	BZALHATS06	105	BZAM06060	51	BZGRZ06	124	BZPL35025	128	BZT8248025	160
BZABPI018	257	BZALHATS08	105	BZAM06080	51	BZGRZ08	124	BZPL35035	128	BZT8248038	160
BZABPI020	257	BZALHC14025	192	BZAM08050	51	BZGRZ10	124	BZPL35045	128	BZT9650410Z	219
BZABPI022	257	BZALHC16030	192	BZAM08075	51	BZHARM03026	194	BZPUPHCL01	228	BZT9650420Z	219
BZABPI025	257	BZALHC17040	192	BZAM08090	51	BZHARM04035	194	BZPUPHCL02	228	BZT9650430Z	219
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BZABR4225	152	BZALHC21080	192	BZARANE14	150	BZHCRM10065	194	BZRECA4016	117	BZT9850310Z	218
BZABR4232	152	BZALHC21090	192	BZARANE16	150	BZHENOM06	68	BZRECA4810	117	BZT9850316Z	218
BZABR4816	152	BZALHC21100	192	BZARANE18	150	BZHENOM08	68	BZRECA4812	117	BZT9850320Z	218
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BZABR4825	152	BZALHC22120	192	BZASF012022	259	BZINCO432	112	BZRECA4816	117	BZT9850416Z	218
BZABR4832	152	BZALHC23130	192	BZASF016027	259	BZINCO438	112	BZRECA4818	117	BZT9850420Z	218
BZABR4838	152	BZALHCB1630	192	BZASF020032	259	BZINCO537	112	BZREFL4835	118	BZT9850430Z	218
BZABR4845	152	BZALHCB1740	192	BZASF025040	259	BZINCO552	112	BZRENO3208	116	BZT9850510Z	218
BZABR4850	152	BZALHCB1850	192	BZBAESM04	110	BZINCO565	112	BZRENO3210	116	BZT9850520Z	218
BZABR4860	152	BZALHCB1960	192	BZBAESM05	110	BZINCO637	112	BZRENO4008	116	BZT9850525Z	218
BZACHA08C	65	BZALHCT04	106	BZBAESM06	110	BZINCO652	112	BZRENO4010	116	BZT9850530Z	218
BZACHA10C	65	BZALHCT05	106	BZBAGAM04	110	BZINVN7060	184	BZRENO4012	116	BZT9850540Z	218

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
BZT9850610Z	218	BZTNXE08100	99	BZTRA6080	74	BZTXZP40035	169	CKBB76200	272	COKS08060	310
BZT9850616Z	218	BZTNXE08120	99	BZTRA8070	74	BZTXZP40040	169	CKBB76290	272	COSOI5400	310
BZT9850620Z	218	BZTNXE10080	99	BZTRA8090	74	BZTXZP40045	169	CKBB76370	272	COSOI5450	310
BZT9850625Z	218	BZTNXE10100	99	BZTRA8110	74	BZTXZP40050	169	CKBC25100AZ	275	COSOI5500	310
BZT9850630Z	218	BZTNXE10120	99	BZTRA8130	74	BZTXZP40060	169	CKBC25100MA	275	COSO20400	310
BZT9850640Z	218	BZTPPO25016	177	BZTRA8150	74	BZTXZP45030	169	CKBC25100RO	275	COSO20450	310
BZT9850650Z	218	BZTPPO25020	177	BZTREPVO550	185	BZTXZP45035	169	CKBC25100VE	274	COSO20500	310
BZT9850660Z	218	BZTPPO25025	177	BZTREPVO750	185	BZTXZP45040	169	CKBC36140AZ	275	CPAC300453	130
BZTABRIBL8	273	BZTPPO30016	177	BZTREVZ05050	185	BZTXZP45045	169	CKBC36140MA	275	CPAC300703	130
BZTABRINEB	272	BZTPPO30020	177	BZTREVZ07050	185	BZTXZP45050	169	CKBC36140RO	275	CPGV012	130
BZTACON04	107	BZTPPO30025	177	BZTSGA06	122	BZTXZP45060	169	CKBC36140VE	274	CPGV030	130
BZTACON05	107	BZTPPO30030	177	BZTUMAM03	222	BZTXZP45070	169	CKBC36200AZ	275	CPMV020	130
BZTACON06	107	BZTPPO35016	177	BZTUMAM04	222	BZTXZP50030	169	CKBC36200MA	275	CPMV045	130
BZTACON08	107	BZTPPO35020	177	BZTUMAM05	222	BZTXZP50035	169	CKBC36200RO	275	CPMV090	130
BZTACON10	107	BZTPPO35025	177	BZTUMAM06	222	BZTXZP50040	169	CKBC36200VE	274	CPMV150	130
BZTACON12	107	BZTPPO35030	177	BZTUMAM08	222	BZTXZP50050	169	CKBC48200AZ	275	CPPA023	130
BZTALAM06	69	BZTPPO35035	177	BZTUMAM10	222	BZTXZP50060	169	CKBC48200MA	275	CPPA075	130
BZTALAM08	69	BZTPPO35040	177	BZTUMAM12	222	BZTXZP50070	169	CKBC48200RO	275	CPPA150	130
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BZTAME06032	69	BZTPPO40016	177	BZTXA250060	171	BZTXZP60050	169	CKBC48290AZ	275	D12504	223
BZTAME08038	69	BZTPPO40020	177	BZTXA250070	171	BZTXZP60060	169	CKBC48290MA	275	D12505	223
BZTAME08060	69	BZTPPO40025	177	BZTXBP30016	168	BZTXZP60070	169	CKBC48290RO	275	D12506	223
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BZTAPLAME	114	BZTPPO40035	177	BZTXBP30025	168	BZ98503	221	CKBN12225	271	D12510	223
BZTAPLANY	114	BZTPPO40040	177	BZTXBP30030	168	BZ98504	221	CKBN25080	271	D12512	223
BZTB05030	182	BZTPPO40045	177	BZTXBP35016	168	BZ98505	221	CKBN25100	271	D12514	223
BZTB05040	182	BZTPPO40050	177	BZTXBP35020	168	BZ98506	221	CKBN25140	271	D12516	223
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BZTB06040	182	BZTPPO45035	177	BZTXBP35035	168	BZ98512	221	CKBN36140	271	D12522	223
BZTB06050	182	BZTPPO45040	177	BZTXBP35040	168	CABA004	110	CKBN36200	271	D12524	223
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BZTB06070	182	BZTPPO45050	177	BZTXBP40025	168	CABA006	110	CKBN36370	271	D12530	223
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BZTB07050	182	BZTPPO45070	177	BZTXBP40035	168	CABTC47	132	CKBN48160	271	D12536	223
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BZTB08050	182	BZTPPO50050	177	BZTXBP40060	168	CAPA006	111	CKBN48290	271	D1251M08	223
BZTB08060	182	BZTPPO50060	177	BZTXBP45030	168	CAPA008	111	CKBN48370	271	D1251M10	223
BZTB08070	182	BZTPPO50070	177	BZTXBP45035	168	CAQU008	83	CKBN76200	271	D1251M12	223
BZTB08080	182	BZTPPO50080	177	BZTXBP45040	168	CAQU010	83	CKBN76290	271	D1251M14	223
BZTB08090	182	BZTPPO50100	177	BZTXBP45045	168	CAQU012	83	CKBN76370	271	D1251M16	223
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BZTB10060	182	BZTPPO60060	177	BZTXBP45070	168	CAQU024	83	CKTACOBRI96	272	D1251M22	223
BZTB10080	182	BZTPPO60070	177	BZTXBP50030	168	CAQU030	83	CKTACOBRI98	272	D1251M24	223
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BZTCCA05030	102	BZTPPO60090	177	BZTXBP50040	168	CIPET208	260	CMBRPOS40	126	D12704	225
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BZTNXA08100	99	BZTPTPADNO	231	BZTXZP35030	169	CKBB48160	272	CMTENSOAL	123	D158705	222
BZTNXA08120	99	BZTPTPADPI	231	BZTXZP35035	169	CKBB48180	272	CMTENSOTO	123	D158706	222
BZTNXA10080	99	BZTPTPADRO	231	BZTXZP35040	169	CKBB48200	272	CMTENSOVE	123	D158708	222
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BZTNXE08080	99	BZTRA6060	74	BZTXZP40030	169	CKBB48370	272	COARI0060	242	D158714	222

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
D158716	222	D603912040	216	D692110030	214	D91206025	215	D931810040	213	D93304012	210
D603905016	216	D603912045	216	D692110035	214	D91206030	215	D931810045	213	D93304016	210
D603905020	216	D603912050	216	D692110040	214	D91206035	215	D931810050	213	D93304020	210
D603905025	216	D603912060	216	D692110050	214	D91206040	215	D931810060	213	D93304025	210
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D603910025	216	D692105020	214	D91204025	215	D931806040	213	D931818070	213	D93308120	210
D603910030	216	D692105025	214	D91204030	215	D931806045	213	D931818080	213	D93310016	210
D603910035	216	D692105030	214	D91204035	215	D931806050	213	D931818090	213	D93310020	210
D603910040	216	D692106010	214	D91204040	215	D931806060	213	D931818100	213	D93310025	210
D603910045	216	D692106012	214	D91204045	215	D931806070	213	D931818110	213	D93310030	210
D603910050	216	D692106016	214	D91204050	215	D931808030	213	D931818120	213	D93310035	210
D603910060	216	D692106020	214	D91205008	215	D931808035	213	D931818130	213	D93310040	210
D603910070	216	D692106025	214	D91205010	215	D931808040	213	D931818140	213	D93310045	210
D603910080	216	D692106030	214	D91205012	215	D931808045	213	D931818150	213	D93310050	210
D603910090	216	D692106035	214	D91205016	215	D931808050	213	D931820060	213	D93310060	210
D603910100	216	D692108012	214	D91205020	215	D931808060	213	D931820070	213	D93310070	210
D603910110	216	D692108016	214	D91205025	215	D931808070	213	D931820080	213	D93310080	210
D603910120	216	D692108020	214	D91205030	215	D931808080	213	D931820090	213	D93310090	210
D603910130	216	D692108025	214	D91205035	215	D931808090	213	D931820100	213	D93310100	210
D603910140	216	D692108030	214	D91205040	215	D931808100	213	D931820110	213	D93312020	210
D603910150	216	D692108035	214	D91205045	215	D931808110	213	D931820120	213	D93312025	210
D603910160	216	D692108040	214	D91205050	215	D931808120	213	D931820130	213	D93312030	210
D603910180	216	D692108050	214	D91206010	215	D931808130	213	D931820140	213	D93312035	210
D603910200	216	D692108060	214	D91206012	215	D931808140	213	D931820150	213	D93312040	210
D603912030	216	D692110020	214	D91206016	215	D931808150	213	D93304008	210	D93312045	210
D603912035	216	D692110025	214	D91206020	215	D931810035	213	D93304010	210	D93312050	210

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
D93312060	210	D9331M06010	212	D93414	220	EKMULTEN	312	ESTRINV40Z	184	FICACL26	280
D93312070	210	D9331M06016	212	D93416	220	EKMULTOL	312	EVH06	123	FICAPD160	280
D93312080	210	D9331M06020	212	D93418	220	EKMULWCB	313	EVH08	123	FICAPS080	280
D93312090	210	D9331M06025	212	D93420	220	EMIO0	289	EVH10	123	FP08GUN	136
D93312100	210	D9331M06030	212	D93422	220	EM145	289	EVH12	123	FP12GUN	136
D93312110	210	D9331M06035	212	D93424	220	EM190	289	EVH14	123	FPAM0837	138
D93312120	210	D9331M06040	212	D93427	220	EMPTC45	132	EVH16	123	FPAM0851	138
D93314030	210	D9331M06050	212	D93430	220	EMPTC47	132	EVH18	123	FPAP085166	137
D93314035	210	D9331M08016	212	D93433	220	EMPTC60	132	EVH20	123	FPC303708	137
D93314040	210	D9331M08020	212	D93436	220	EMPX4121	292	EVH22	123	FPC304708	137
D93314045	210	D9331M08025	212	D9341M04	220	EMX1302	292	EVH24	123	FPCG0816	137
D93314050	210	D9331M08030	212	D9341M05	220	EMX4502	292	EVH30	123	FPCG0819	137
D93314060	210	D9331M08035	212	D9341M06	220	EMX9002	292	EVH36	123	FPCG1612	138
D93314070	210	D9331M08040	212	D9341M08	220	EMX9004	292	EVM08	124	FPCG1912	138
D93314080	210	D9331M08050	212	D9341M10	220	EMZ00	289	EVM10	124	FPCGD1612	138
D93314090	210	D9331M08060	212	D9341M12	220	EMZ45	289	EVM12	124	FPCGD1912	138
D93314100	210	D9331M08070	212	D9341M14	220	EMZ90	289	EVM14	124	FPCL0816	137
D93314110	210	D9331M08080	212	D9341M16	220	EPS6072	74	EVM16	124	FPCL0819	137
D93314120	210	D9331M08090	212	D9341M18	220	EPS6092	74	EVM18	124	FPCL0825	137
D93316030	210	D9331M08100	212	D9341M20	220	EPS6112	74	EVM20	124	FPCL0827	137
D93316035	210	D9331M10020	212	D9341M22	220	EPS6132	74	EVM22	124	FPCL0832	137
D93316040	210	D9331M10025	212	D9341M24	220	EPS6152	74	EVM24	124	FPCL0838	137
D93316045	210	D9331M10030	212	D9851M04	221	EPS6182	74	EVM30	124	FPCL0844	137
D93316050	210	D9331M10035	212	D9851M05	221	EQA208110	83	EVM36	124	FPCL0851	137
D93316060	210	D9331M10040	212	D9851M06	221	EQA210130	83	EVM42	124	FPCL0857	137
D93316070	210	D9331M10050	212	D9851M08	221	EQA212160	83	EVM48	124	FPCL0864	137
D93316080	210	D9331M10060	212	D9851M10	221	EQA216190	83	EXHBM06	68	FPCL0870	137
D93316090	210	D9331M10070	212	D9851M12	221	EQA220260	83	EXHBM08	68	FPCL2212	138
D93316100	210	D9331M10080	212	D9851M14	221	EQA224300	83	EXHBM10	68	FPCL2712	138
D93316110	210	D9331M10090	212	D9851M16	221	EQA230330	83	EXHBM12	68	FPCL3212	138
D93316120	210	D9331M10100	212	D9851M18	221	EQA408110	83	EXHBM16	68	FPCL3712	138
D93318030	210	D9331M12020	212	D9851M20	221	EQA410130	83	EXHBM20	68	FPCL4212	138
D93318035	210	D9331M12030	212	D9851M22	221	EQA412160	83	FG60BAT	142	FPCL4712	138
D93318040	210	D9331M12040	212	D9851M24	221	EQA416190	83	FG60CAR	142	FPCLD2212	139
D93318045	210	D9331M12050	212	DOMTA10	51	EQA420260	83	FG60CAS	142	FPCLD2712	139
D93318050	210	D9331M12060	212	DOMTA20	51	EQA424300	83	FG60GUN	140	FPCLD3212	139
D93318060	210	D9331M12070	212	DZ98503	221	EQA430330	83	FGABRA15	142	FPCLD3712	139
D93318070	210	D9331M12080	212	DZ98504	221	EQAC08110	83	FGABRA20	142	FPCLD4212	139
D93318080	210	D9331M12090	212	DZ98505	221	EQAC10130	83	FGABRA25	142	FPCLD4712	139
D93318090	210	D9331M12100	212	DZ98506	221	EQAC12160	83	FGBASENE	142	FPCR0812	138
D93318100	210	D9331M14030	212	DZ98508	221	EQAC16190	83	FGCL15	141	FPCR0822	138
D93318110	210	D9331M14040	212	DZ98510	221	EQAC20260	83	FGCL20	141	FPCR0827	138
D93318120	210	D9331M14050	212	DZ98512	221	EQAC24300	83	FGCL25	141	FPCRAM	137
D93320030	210	D9331M14060	212	DZ98514	221	EQAC30330	83	FGCL30	141	FPCRRO	137
D93320035	210	D9331M14070	212	DZ98516	221	ESDA208060	303	FGCL35	141	FPCT3212	139
D93320040	210	D9331M14080	212	DZ98518	221	ESDA210060	303	FGCL40	141	FPP3VE	137
D93320045	210	D9331M14100	212	DZ98520	221	ESDR06040	303	FGCL58	141	FPP4AM	137
D93320050	210	D9331M16030	212	DZ98522	221	ESDR06050	303	FGCLH7	141	FPP5RO	137
D93320060	210	D9331M16040	212	DZ98524	221	ESDR06060	303	FGCLH9	141	FPPI081613	138
D93320070	210	D9331M16050	212	DZ98527	221	ESDR06070	303	FGCLH22	141	FPPI081613	138
D93320080	210	D9331M16060	212	DZ98530	221	ESDR06080	303	FGCLH27	141	FPPI081613	138
D93320090	210	D9331M16070	212	EKHUEFTG	315	ESDR06090	303	FGCLH32	141	FPPI081613	138
D93320100	210	D9331M16080	212	EKHUEFTL	315	ESDR08060	303	FGIMAN	142	FPPI081613	138
D93320110	210	D9331M16090	212	EKHUEFTP	314	ESDR08070	303	FGPLET	141	FPPI081613	138
D93320120	210	D9331M16100	212	EKHUEILU	314	ESDR08080	303	FGPUL15	141	FPPI081613	138
D9331M04010	212	D9331M18030	212	EKMACFTG	315	ESDR08090	303	FGPUL20	141	GAFOM06Z	300
D9331M04016	212	D9331M18040	212	EKMACFTL	314	ESDR08100	303	FGPUL25	141	GAFOM08Z	300
D9331M04020	212	D9331M18050	212	EKMACFTP	314	ESDR08110	303	FGPUL30	141	GAFOM10Z	300
D9331M04025	212	D9331M18060	212	EKMACILU	314	ESDR08120	303	FGPUL35	141	GAFOM12Z	300
D9331M04030	212	D9331M18070	212	EKMULAC	312	ESDR08130	303	FGPUL40	141	GAFOM16Z	300
D9331M04035	212	D9331M18080	212	EKMULAV08	313	ESDR08100	303	FGPUL40	141	GDZ03	125
D9331M04040	212	D9331M18090	212	EKMULAV10	313	ESDR08110	303	FI63110	150	GDZ04	125
D9331M05010	212	D9331M18100	212	EKMULCAL	313	ESDR10100	303	FI63115	150	GDZ05	125
D9331M05016	212	D93403	220	EKMULCAN	312	ESDR10110	303	FI63120	150	GDZ06	125
D9331M05020	212	D93404	220	EKMULCIS	313	ESDR10120	303	FI63125	150	GDZ08	125
D9331M05025	212	D93405	220	EKMULFAE	312	ESDR10130	303	FI63130	150	GDZ10	125
D9331M05030	212	D93406	220	EKMULFAL	315	ESDR10140	303	FI63150	150	GDZ13	125
D9331M05035	212	D93408	220	EKMULFAP	315	ESDR10150	303	FI63160	150	GDZ15	125
D9331M05040	212	D93410	220	EKMULRAD	313	ESDR10180	303	FICAAB080	280	GDZ18	125
D9331M05050	212	D93412	220	EKMULROB	314	ESDR10200	303	FICAAB119	280	GDZ20	125
						ESTRINV40N	184	FICACL13	280	GDZ24	125

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
GESPM08ZE	300	GRZ50	124	HP75182	58	IPAGR09	108	LSABPI018	257	LSAH08060	47
GESPM10ZE	300	HARM03026	194	HPZ75072	58	IPAGR12	108	LSABPI020	257	LSAH08075	47
GLO351515	287	HARM04035	194	HPZ75092	58	IPATO09	108	LSABPI022	257	LSAH08090	47
GLO357510	287	HARM05037	194	HPZ75112	58	IPATO12	108	LSABPI025	257	LSAH10070	47
GMZ08012	196	HARM06050	194	HPZ75132	58	KIT MO-PS	79	LSABPI028	257	LSAH10090	47
GMZ10016	196	HARM08060	194	HPZ75152	58	KITINPIN01	113	LSABPI032	257	LSAH10120	47
GMZ12020	196	HCM06	69	HPZ75182	58	LSAB61012	254	LSABPI040	257	LSAH12090	47
GMZ15026	196	HCM08	69	HPZ75212	58	LSAB61015	254	LSABPRG15	278	LSAH12110	47
GMZ17030	196	HCM10	69	HR75072	58	LSAB61016	254	LSABPRG20	278	LSAH16125	47
GMZ19035	196	HCRM03026	194	HR75092	58	LSAB61018	254	LSABPRG25	278	LSASF008016	259
GPG271812	286	HCRM04035	194	HR75112	58	LSAB61022	254	LSABPU016	257	LSASF012022	259
GPG283018	286	HCRM05037	194	HR75132	58	LSAB61028	254	LSABPU018	257	LSASF016027	259
GPG351312	286	HCRM06050	194	INCO421	112	LSABD6012	253	LSABPU020	257	LSASF020032	259
GPG384020	286	HCRM08060	194	INCO432	112	LSABD6015	253	LSABPU022	257	LSASF025040	259
GPG402015	286	HCRM10065	194	INCO438	112	LSABD6018	253	LSABPU025	257	LSASF030045	259
GPI271812	286	HCRM12075	194	INCO446	112	LSABD6022	253	LSABPU028	257	LSASF035050	259
GPI283015	286	HEI665032	58	INCO459	112	LSABD6028	253	LSABPU032	257	LSASF040060	259
GPO351515	287	HEI665045	58	INCO537	112	LSABDI0012	254	LSABPU037	257	LSASF050070	259
GPO357510	287	HEI665057	58	INCO552	112	LSABDI0015	254	LSABPU040	257	LSBAESM04	110
GPP271812	286	HEI665070	58	INCO565	112	LSABDI0018	254	LSABPU050	257	LSBAESM05	110
GPV251120	286	HEI665080	58	INCO580	112	LSABDI0022	254	LSABPU063	257	LSBAESM06	110
GPX2M412120	290	HEI665100	58	INCO637	112	LSABGAT022	244	LSABRET022	238	LSBAGAM04	110
GPX2M414120	290	HEI665125	58	INCO652	112	LSABGAT028	244	LSABRET028	238	LSBAGAM05	110
GPX412115	290	HE65032	58	INCO665	112	LSABGAT035	244	LSABRET035	238	LSBAGAM06	110
GPX412120	290	HE65045	58	INCO680	112	LSABGAT040	244	LSABRET040	238	LSCABA004	110
GPX412125	290	HE65057	58	INHE837	112	LSABGAT048	244	LSABRET048	238	LSCABA005	110
GPX414115	290	HE65070	58	INHE855	112	LSABGAT060	244	LSABRET060	238	LSCABA006	110
GPX414120	290	HE65080	58	INHE865	112	LSABGAT075	244	LSABRET075	238	LSCAPA004	111
GPX414125	290	HE65100	58	INPINZANI	113	LSABGAT090	244	LSABRET090	238	LSCAPA005	111
GPZ201010	286	HE65125	58	INPISANIN	113	LSABGATT10	244	LSABRETT10	238	LSCAPA006	111
GPZ250808	286	HEA4M06	67	INSI421	112	LSABG015	262	LSABRETT25	238	LSESDR06080	303
GRBL001	281	HEA4M08	67	INSI432	112	LSABG018	262	LSABRIT022	240	LSESDR08060	303
GRBL002	281	HEA4M10	67	INSI438	112	LSABG022	262	LSABRIT028	240	LSESDR08080	303
GRBL003	281	HEA4M12	67	INSI537	112	LSABGUG15	277	LSABRIT035	240	LSESDR08100	303
GRBL010	281	HEA4M16	67	INSI552	112	LSABGUG18	277	LSABRIT040	240	LSESDR08120	303
GRBL020	281	HEA4M20	67	INSI565	112	LSABGUG20	277	LSABRIT048	240	LSESDR10080	303
GRBL030	281	HECLOM06	67	INSI637	112	LSABGUG22	277	LSABRIT060	240	LSESDR10100	303
GRBL040	281	HECLOM08	67	INSI652	112	LSABGUG25	277	LSABRIT075	240	LSESDR10120	303
GRBL050	281	HECLOM10	67	INSI665	112	LSABGUG28	277	LSABRIT090	240	LSHENOM06	68
GRBL060	281	HECLOM12	67	INSI865	112	LSABGUG32	277	LSABRIT110	240	LSHENOM08	68
GRBL070	281	HECLOM12D	67	INVA27050	184	LSABGUG40	277	LSABTA0630	301	LSHENOM10	68
GRBL080	281	HECLOM16	67	INVA27060	184	LSABGUG50	277	LSABTA0640	301	LSHP75072	58
GRBL090	281	HEHCM08	68	INVA27070	184	LSABID012	276	LSABTA0650	301	LSHP75092	58
GRBL100	281	HEHCM10	68	INVA27080	184	LSABID014	276	LSABTA0840	301	LSHP75112	58
GRBL120	281	HEHCM12	68	INVN6040	184	LSABID016	276	LSABTA0860	301	LSHP75132	58
GRBL140	281	HEHOM06	67	INVN6050	184	LSABID020	276	LSABTAB0630	301	LSINCO432	112
GRNATTV	281	HEHOM08	67	INVN6060	184	LSABID028	276	LSABTAB0640	301	LSINCO438	112
GRNE060	281	HEHOM10	67	INVN6070	184	LSABIN012	276	LSABTAB0650	301	LSINCO446	112
GRNE070	281	HEHOM12	67	INVN7030	184	LSABIN014	276	LSABTD018	279	LSINCO537	112
GRNE080	281	HEHOM12D	67	INVN7040	184	LSABIN016	276	LSABTD022	279	LSINCO552	112
GRNE090	281	HEHOM16	67	INVN7050	184	LSABIN020	276	LSABTS018	279	LSINCO637	112
GRNE100	281	HEHOM20	67	INVN7060	184	LSABIN028	276	LSABTS022	279	LSINCO652	112
GRNE120	281	HENOM06	68	INVN7070	184	LSABM6012	252	LSACHA08C	65	LSMAE0630	299
GRZ05	124	HENOM08	68	INVN7080	184	LSABM6014	252	LSACHA10C	65	LSMAE0825	299
GRZ06	124	HENOM10	68	INVN7090	184	LSABM6016	252	LSACHG08C	64	LSMAE1030	299
GRZ08	124	HENOM12	68	INVZ6040	183	LSABM6018	252	LSACHG10C	64	LSMAR0420	299
GRZ10	124	HENOM16	68	INVZ6050	183	LSABM6022	252	LSACHT08C	61	LSMAR0630	299
GRZ11	124	HENOM20	68	INVZ6060	183	LSABM6028	252	LSACHT08L	61	LSMAR0830	299
GRZ12	124	HENSM08	68	INVZ6070	183	LSABM6032	252	LSACHT10C	61	LSMARI030	299
GRZ14	124	HENSM10	68	INVZ7030	183	LSABM6040	252	LSACHT10L	61	LSMI08075	49
GRZ16	124	HENSM12	68	INVZ7040	183	LSABM8090	244	LSACHT12C	61	LSMI08090	49
GRZ18	124	HENSM16	68	INVZ7050	183	LSABM8110	244	LSACHT12L	61	LSMI10070	49
GRZ20	124	HOCRM647	131	INVZ7060	183	LSABM8125	244	LSACHT16C	61	LSMI10090	49
GRZ22	124	HOCRM660	131	INVZ7070	183	LSABM8160	244	LSACHTA208C	61	LSMI10120	49
GRZ25	124	HOCUM647	131	INVZ7080	183	LSABMUG15	277	LSACHTA208L	61	LSMI12110	49
GRZ28	124	HP75072	58	INVZ7090	183	LSABMUG18	277	LSACHTA210C	61	LSMIA408075	48
GRZ32	124	HP75092	58	IPAAR09	108	LSABMUG22	277	LSACHTA210L	61	LSMIA410090	48
GRZ36	124	HP75112	58	IPAARI2	108	LSABMUG26	277	LSACHTA212C	61	LSMIA42110	48
GRZ42	124	HP75132	58	IPAGN09	108	LSABMUG32	277	LSACHTA212L	61	LSMOES06070	82
GRZ45	124	HP75152	58	IPAGN12	108	LSABPI016	257	LSAH06060	47	LSMOES08110	82

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
LSMOES10115	82	MARI0130	300	MOHW300	80	NBR4819	153	PACP25040	195	PRX01	291
LSMOES12110	82	MEDUB06	106	MOHW410	80	NBR4825	153	PACP25050	195	PSI655060	149
LSMOTN12050	82	MEDUB07	106	MOP300	79	NBR4832	153	PACP29050	195	PSI655082	149
LSMOTN15085	82	MEDUB08	106	MOP410	79	NBR4838	153	PACP29060	195	PSI655098	149
LSMOTN20085	82	MEDUB10	106	MOPISNEU	82	NBR4845	153	PACP29070	195	PSI655115	149
LSPAESM04	111	MIO6045	49	MOPISP3385	82	NBR4850	153	PACP34030	195	PSI955195	149
LSPAESM05	111	MIO6060	49	MOPISP3585	82	OMEM06	131	PACP34040	195	PSI955230	149
LSPAESM06	111	MIO6080	49	MOPISPR	82	P100KOM10	165	PACP34050	195	PSS5060	149
LSPAGAM04	111	MIO6120	49	MOPISPUR6	82	P100VEK	165	PACP34060	195	PSS5082	149
LSPAGAM05	111	MIO6140	49	MOPISSI	82	P100VEK10	165	PACP34070	195	PSS5098	149
LSPAGAM06	111	MIO6160	49	MOPISTO	82	P100VEK13	165	PACP34080	195	PSS5115	149
LSTALAM06	69	MIO6170	49	MOP300	79	P103930Z	163	PAESM04	111	PSS5130	149
LSTALAM08	69	MIO6180	49	MOP300EP	79	P103938Z	163	PAESM05	111	PSS5150	149
LSTALAM10	69	MIO8050	49	MOP410	79	P103945Z	163	PAESM06	111	PSS5180	149
LSTCCA05025	102	MIO8075	49	MOPSP300	79	P204316Z	163	PAESM08	111	PSLI655075	149
LSTCCA05030	102	MIO8090	49	MOPSP410	79	P204319Z	163	PAEXM08	242	PSLI655085	149
LSTCCA05035	102	MIO8115	49	MOPU300	79	P204322Z	163	PAEXM10	242	PSLI655105	149
LSTCCA05050	102	MIO0070	49	MOPU410	79	P204325	163	PAGAM04	111	PSLI655130	149
LSTCCA06035	102	MII0090	49	MOPUR30385	81	P204325Z	163	PAGAM05	111	PSLI655150	149
LSTCCA06040	102	MII0120	49	MOPUR30585	81	P204330	163	PAGAM06	111	PSLI955255	149
LSTCCA06050	102	MII0150	49	MOPURE600	81	P204330Z	163	PAGAM08	111	PSLI955285	149
LSTCCA06060	102	MII2075	49	MORCANU	82	P204338	163	PCU0005	132	PSL55075	149
LSTCCA06070	102	MII2090	49	MORCANU	82	P204338Z	163	PCU0006	132	PSL55085	149
LSTCCA08060	102	MII2110	49	MORCEPKIT	82	P204345	163	PFA4M0800	304	PSL55105	149
LSTCCA08080	102	MII2140	49	MOTM12100	82	P204345Z	163	PFA4M0810	304	PSL55130	149
LSTCCA08080	102	MII6090	49	MOTM16100	82	P204355	163	PFA4M1000	304	PSL55150	149
LSTCCC05025	103	MII6145	49	MOTM22100	82	P204355Z	163	PFZNM0800	304	PSL55175	149
LSTCCC05030	103	MII6170	49	MOTN12050	82	P304825	163	PFZNM0810	304	PSL55200	149
LSTCCC05050	103	MII20120	49	MOTN15085	82	P304838	163	PFZNM1000	304	PSL55230	149
LSTCCC06035	103	MII2070	49	MOTN15130	82	P403913Z	164	PGI2718	289	PTBRI0035	206
LSTCCC06040	103	MII20220	49	MOTN20085	82	P403916	163	PGI2830	289	PTBRI3355	206
LSTCCC06050	103	MIA406045	48	MOTRO08	82	P403916Z	164	PGI3840	289	PTEM18040	206
LSTCCC06060	103	MIA406060	48	MOTRO10	82	P403919	163	PGX4121	293	PTET169845	206
LSTCCC06070	103	MIA406080	48	MOTRO12	82	P403919Z	164	PGX4141	293	PTOB05015	206
LSTCCC08060	103	MIA408050	48	MOV300	80	P403925	163	PGZ2718	289	PTOB06015	206
LSTCCC08080	103	MIA408075	48	MOV410	80	P403925Z	164	PGZ2830	289	PTOB08015	206
LSTNXA08080	99	MIA408090	48	MOV5300	80	P403932	163	PGZ3840	289	PTOB10015	206
LSTNXA08100	99	MIA408115	48	MOV5410	80	P403932Z	164	PL35019	128	PTOB12020	206
LSTNXA08120	99	MIA410070	48	MSCAHT	92	P403938	163	PL35025	128	PTTT030716	206
LSTNXA10080	99	MIA410090	48	MSCATP	92	P403938Z	164	PL35035	128	PTTT111430	206
LSTNXA10100	99	MIA410120	48	MSPRB290	86	P50M413Z	164	PL35045	128	PTUN12038	206
LSTNXE08080	99	MIA410150	48	MSPRG290	86	P50M416	164	PL35055	128	PTUN16038	206
LSTNXE08100	99	MIA412075	48	MSPRM290	86	P50M416Z	164	PL39025	128	PTUN20060	206
LSTNXE08120	99	MIA412090	48	MSPRN290	86	P50M419	164	PL39035	128	PTUN20080	206
LSTNXE10080	99	MIA412110	48	MSSF290	87	P50M419Z	164	PL39045	128	PTUN24060	206
LSTNXE10100	99	MIA412140	48	MSTR290	87	P50M425	164	PL39055	128	PTUN24080	206
LSVRSE06030	299	MIA416090	48	NBP3513	155	P50M425Z	164	PL42070	128	PUCA01	95
MABM6018	131	MIA416145	48	NBP3516	155	P50M432	164	PL42080	128	PUCL500	95
MAE0620	299	MIA416170	48	NBP3519	155	P50M432Z	164	PL48090	128	PUCUC01	229
MAE0630	299	MIA420120	48	NBP3525	155	P50M438	164	PL48100	128	PUCUC02	229
MAE0825	299	MIA420170	48	NBP4216	155	P704855	164	PL48110	128	PUCUC03	229
MAE1030	299	MIA420220	48	NBP4219	155	P704865	164	PL48120	128	PUCUL01	229
MAE1235	299	MLMULT101	199	NBP4225	155	P704880	164	PL48130	128	PUCUL02	229
MAE1650	299	MLMULT201	199	NBP4232	155	P704895	164	PLCAZ4213	129	PUCUL03	229
MAE2060	299	MLMULT301	199	NBP4238	155	P70TPBL	164	PLCAZ4216	129	PUEP750	94
MAMH0610	300	MLPLAT101	199	NBP4825	155	P70TPNG	164	PLCAZ4219	129	PUFC750	94
MAMH0620	300	MLPLAT201	199	NBP4832	155	P903510	164	PLCAZ4225	129	PUFP750	94
MAMH0630	300	MLPLAT301	199	NBP4838	155	P904017	164	PLCAZ4232	129	PUOXBITC10	229
MAMH0640	300	MLTBOP101	198	NBP4850	155	PACCI5015	195	PLCAZ4241	129	PUOXBITC15	229
MAMH0650	300	MLTPPOP101	198	NBR3509	153	PACCI5020	195	PLCAZ4251	129	PUOXBITC20	229
MAR0420	299	MLTPPOT101	199	NBR3513	153	PACCI5025	195	PLEP35025	128	PUOXBITC25	229
MAR0620	299	MLTPPOT201	199	NBR3516	153	PACCI5025	195	PLEP35035	128	PUOXBITC30	229
MAR0630	299	MLTPPOT301	199	NBR3519	153	PACCI5030	195	PLRA3925	129	PUOXBITC40	229
MAR0825	299	MOBOMBA	82	NBR4213	153	PACCI5035	195	PLRA3935	129	PUOXBITL10	229
MAR0830	299	MOES06070	82	NBR4216	153	PACCI5040	195	PLRA3945	129	PUOXBITL15	229
MARI030	299	MOES08110	82	NBR4219	153	PACCI5045	195	PLRA3955	129	PUOXBITL20	229
MARI235	299	MOES10115	82	NBR4225	153	PACCI5050	195	PLRA4835	129	PUOXBITL25	229
MARI650	299	MOES12110	82	NBR4232	153	PACCP22520	195	PLTR3525	129	PUOXBITL30	229
MAR5322	299	MOH300	80	NBR4238	153	PACCP22525	195	PLTR3535	129	PUOXBITL40	229
MARI0830	300	MOH410	80	NBR4816	153	PACCP22530	195	PLTR3545	129	PUPHC01	228

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
PUPHC02	228	REIN4818	117	RSZ4213	157	SCOB070718	204	SLPT28200	59	SUVA0804	296
PUPHC03	228	REIN4820	117	RSZ4216	157	SCOB090920	204	SLPT28240	59	SUVA0810	296
PUPHL01	228	RENO3206	116	RSZ4219	157	SCOB101020	204	SOPG27	294	SUVA0815	296
PUPHL02	228	RENO3208	116	RSZ4225	157	SCOB121222	204	SOPG38	294	SVCBL	197
PUPHL03	228	RENO3208BL	117	RSZ4232	157	SCOB151525	204	SOPG41	294	SVCMA	197
PUPI01	95	RENO3208NE	118	RSZ4813	157	SCPD107530	205	SOTP2718	290	SVNB01	197
PUPI02	95	RENO3210	116	RSZ4816	157	SCPD128035	205	SOTP2830	290	SVNB02	197
PUPM014	230	RENO3210BL	117	RSZ4819	157	SCREZ357565	205	SOTP3840	290	SVNM01	197
PUPOC01	229	RENO3210NE	118	RSZ4825	157	SCRFO70605	203	SOTP4121	294	SVNM02	197
PUPOC02	229	RENO3212	116	RSZ4832	157	SCRFO70705	203	SOTP4141	294	T0840304Z	217
PUPOC03	229	RENO3212BL	117	RSZ4838	157	SCRFO90906	203	SOUO04110	202	T0840306Z	217
PUPOL01	229	RENO3212NE	118	RTX01	293	SCRFI01009	203	SOUO06100	202	T0840308Z	217
PUPOL02	229	RENO3214	116	SACIO6080	309	SCRFI51506	203	SOUO07125	202	T0840310Z	217
PUPOL03	229	RENO3216	116	SAIL06080	308	SCRG090505	203	SOUO08120	202	T0840312Z	217
PUSC750	93	RENO3218	116	SALH08100	308	SCRG090508	203	SOUO10140	202	T0840316Z	217
PUSP750	93	RENO4006	116	SALH10120	308	SCRX090	292	SOUR30140DR	202	T0840320Z	217
PUTC750	93	RENO4008	116	SALN08100	308	SIPRB280	90	SOUR30140IZ	202	T0840325Z	217
PUTO010	228	RENO4008BL	117	SALN10120	308	SIPRC280	90	SPGH2718	288	T0840330Z	217
PUTO015	228	RENO4008NE	118	SATEA0865	309	SIPRM280	90	SPGH3840	288	T0840335Z	217
PUTO020	228	RENO4010	116	SATEA1075	309	SIPRN280	90	SPH2718	288	T0840340Z	217
PUTO025	228	RENO4010BL	117	SATEB0860	309	SIPRSB280	91	SPH3840	288	T0840406Z	217
PUTO030	228	RENO4010NE	118	SATEBI080	309	SIPRST280	91	SPRXH4121	290	T0840408Z	217
PUTO040	228	RENO4012	116	SAWH06070	309	SIPRT280	90	SPRXV4121	290	T0840410Z	217
PUTP750	93	RENO4012BL	117	SAWHM06060	309	SIUNSB280	91	SPUX412100	291	T0840412Z	217
PUZ2718	289	RENO4012NE	118	SAWL05080	308	SIUNST280	91	SPUX412145	291	T0840416Z	217
PUZ3840	289	RENO4014	116	SAWZ05080	308	SJZ0403	122	SPV2718	287	T0840420Z	217
RAFEM145	307	RENO4014BL	117	SCAS3317DR	203	SJZ0505	122	SPV3840	287	T0840425Z	217
RAFEM175	307	RENO4014NE	118	SCAS3317IZ	203	SJZ0506	122	SPX412115	290	T0840435Z	217
RAFINI00	306	RENO4016	116	SCCDZ402575	204	SJZ0608	122	SPX412130	290	T0840445Z	217
RAFRE095	306	RENO4018	116	SCCE200404	203	SJZ0810	122	SPX412145	290	T0840450Z	217
RAPES032	307	RENO4020	116	SCCI303030	204	SJZ0811	122	SPX414110	290	T0840460Z	217
RARAY032	307	RENO4025	116	SCCI404040	204	SJZ1013	122	SPX414115	290	T0840470Z	217
RARO100	307	RENO4030	116	SCCI606060	204	SJZ1014	122	SPX414130	290	T0840506Z	217
RATRG095	306	RENO4035	116	SCED050503	202	SJZ1216	122	SPX414145	290	T0840508Z	217
RATRI095	306	RENO4806	116	SCED060604	202	SJZ1220	122	SPX414160	290	T0840510Z	217
RECA4008	117	RENO4808	116	SCED070705	202	SJZ1422	122	SPX414175	290	T0840512Z	217
RECA4010	117	RENO4810	116	SCED090904	202	SJZ1426	122	SPZ271820	287	T0840516Z	217
RECA4012	117	RENO4810BL	117	SCED090906	202	SJZ1630	122	SPZ271830	287	T0840520Z	217
RECA4016	117	RENO4810NE	118	SCEDI01009	202	SJZ1634	122	SPZ384020	287	T0840525Z	217
RECA4810	117	RENO4812	116	SCEI040402	202	SJZ1640	122	SPZ384025	287	T0840530Z	217
RECA4812	117	RENO4812BL	117	SCEI040404	202	SLPC10070	59	SPZ384030	287	T0840535Z	217
RECA4814	117	RENO4812NE	118	SCEI040406	202	SLPC10080	59	SPZ384035	287	T0840540Z	217
RECA4816	117	RENO4814	116	SCEI050504	202	SLPC10100	59	SPZ384040	287	T0840545Z	217
RECA4818	117	RENO4814BL	117	SCEI060604	202	SLPC12100	59	SPZ384050	287	T0840550Z	217
REFL4012	118	RENO4814NE	118	SCEI060606	202	SLPC16100	59	SPZ384060	287	T0840560Z	217
REFL4014	118	RENO4816	116	SCEI060608	202	SLPC16120	59	SPZ384060	287	T0840608Z	217
REFL4016	118	RENO4816BL	117	SCEI070704	202	SLPC18120	59	SUCL02	296	T0840610Z	217
REFL4018	118	RENO4816NE	118	SCEI080808	202	SLPT10070	59	SUCL04	296	T0840616Z	217
REFL4020	118	RENO4818	116	SCEI101004	202	SLPT10080	59	SUCL10	296	T0840616Z	217
REFL4025	118	RENO4820	116	SCEI101010	202	SLPT10080	59	SUCL15	296	T0840620Z	217
REFL4814	118	RENO4822	116	SCEM081240	204	SLPT10100	59	SUCU0602	296	T0840625Z	217
REFL4816	118	RENO4824	116	SCEM101640	204	SLPT10110	59	SUCU0605	296	T0840630Z	217
REFL4818	118	RENO4826	116	SCER302525	204	SLPT12080	59	SUCU0606	296	T0840635Z	217
REFL4824	118	RENO4828	116	SCER392822	204	SLPT12090	59	SUCU0607	296	T0840640Z	217
REFL4830	118	RENO4830	116	SCGA100404	203	SLPT12100	59	SUMOM06	296	T0840645Z	217
REFL4835	118	RENO4835	116	SCGEZ704025	205	SLPT12120	59	SUMOM08	296	T0840650Z	217
REFL4840	118	RENO6008	116	SCLC833330	205	SLPT16100	59	SUMOM10	296	T0840660Z	217
REFL4845	118	RENO6010	116	SCLD040606	203	SLPT16120	59	SUMOM12	296	T8129006	158
REFL4850	118	RENO6012	116	SCLD060806	203	SLPT16140	59	SUMOP09	296	T8129009	158
REIN3206	117	RENO6016	116	SCMX020214	205	SLPT16160	59	SUMOP11	296	T8129013	158
REIN3208	117	RENO6018	116	SCMX030314	205	SLPT18110	59	SUMOP13	296	T8129016	158
REIN3212	117	RENO6025	116	SCMX040415	205	SLPT18120	59	SUSTC47090	133	T8129019	158
REIN3215	117	RESX300	291	SCMX050515	205	SLPT18140	59	SUSTC47180	133	T8129022	158
REIN4008	117	RESX550	291	SCMX060618	205	SLPT18150	59	SUSTC47240	133	T8129025	158
REIN4010	117	RMEX01	120	SCMX070718	205	SLPT18170	59	SUSTC47300	133	T8135006	158
REIN4012	117	RMAA01	120	SCOB020214	204	SLPT18200	59	SUSTC47400	133	T8135009	158
REIN4016	117	RMPA01	120	SCOB030314	204	SLPT24140	59	SUVA0602	296	T8135013	158
REIN4810	117	RSZ3509	157	SCOB040415	204	SLPT24170	59	SUVA0604	296	T8135016	158
REIN4812	117	RSZ3513	157	SCOB050515	204	SLPT24200	59	SUVA0610	296	T8135019	158
REIN4816	117	RSZ3516	157	SCOB060618	204	SLPT24220	59	SUVA0615	296	T8135025	158
						SLPT28170	59	SUVA0802	296	T8135032	158

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
T813509BLE	159	T8163080	158	T9630410Z	219	T9850406Z	218	TAEN4216	158	TB10070	182
T8139009	158	T8163090	158	T9630412Z	219	T9850408Z	218	TAEN4219	158	TB10080	182
T8139013	158	T8163100	158	T9630416Z	219	T9850410Z	218	TAEN4225	158	TB10090	182
T8139016	158	T8163110	158	T9630420Z	219	T9850412Z	218	TAEN4232	158	TB10100	182
T8139019	158	T8163120	158	T9630430Z	219	T9850416Z	218	TAEZ4213	158	TB10110	182
T8139022	158	T8229006	160	T9630440Z	219	T9850420Z	218	TAEZ4216	158	TB10120	182
T8139025	158	T8229009	160	T9630450Z	219	T9850425Z	218	TAEZ4219	158	TB10130	182
T8139032	158	T8229013	160	T9630510Z	219	T9850430Z	218	TAEZ4225	158	TB10140	182
T8139038	158	T8229016	160	T9630512Z	219	T9850435Z	218	TAEZ4232	158	TB10150	182
T8139045	158	T8229019	160	T9630516Z	219	T9850440Z	218	TALA532	69	TB10160	182
T8139050	158	T8229022	160	T9630520Z	219	T9850450Z	218	TALAM04	69	TB10180	182
T8142009	158	T8229025	160	T9630525Z	219	T9850506Z	218	TALAM05	69	TB10200	182
T8142013	158	T8235009	160	T9630530Z	219	T9850508Z	218	TALAM06	69	TB12060	182
T8142016	158	T8235013	160	T9630540Z	219	T9850510Z	218	TALAM08	69	TB12070	182
T8142019	158	T8235016	160	T9630550Z	219	T9850512Z	218	TALAM10	69	TB12080	182
T8142022	158	T8235019	160	T9630560Z	219	T9850516Z	218	TALAM12	69	TB12090	182
T8142025	158	T8235022	160	T9630610Z	219	T9850520Z	218	TAME05030	69	TB12100	182
T8142032	158	T8235025	160	T9630612Z	219	T9850525Z	218	TAME06032	69	TB12120	182
T8142038	158	T8235032	160	T9630616Z	219	T9850530Z	218	TAME08038	69	TB12130	182
T8142045	158	T8235038	160	T9630620Z	219	T9850535Z	218	TAME08060	69	TB12140	182
T8142050	158	T8239009	160	T9630625Z	219	T9850540Z	218	TAME10060	69	TB12150	182
T8142060	158	T8239013	160	T9630630Z	219	T9850545Z	218	TAPLAME	114	TB12160	182
T8142070	158	T8239016	160	T9630640Z	219	T9850550Z	218	TAPLANY	114	TB12180	182
T8142080	158	T8239019	160	T9630650Z	219	T9850608Z	218	TAPLAZK	114	TB12200	182
T8142090	158	T8239022	160	T9630660Z	219	T9850610Z	218	TB05030	182	TB12220	182
T814213BLE	159	T8239025	160	T9650306Z	219	T9850612Z	218	TB05040	182	TB12240	182
T814225BLE	159	T8239032	160	T9650308Z	219	T9850616Z	218	TB05050	182	TB12260	182
T8148009	158	T8239038	160	T9650310Z	219	T9850620Z	218	TB05060	182	TB14100	182
T8148013	158	T8239045	160	T9650312Z	219	T9850625Z	218	TB06025	182	TBA206040	183
T8148016	158	T8239050	160	T9650316Z	219	T9850630Z	218	TB06030	182	TBA206050	183
T8148019	158	T8242013	160	T9650320Z	219	T9850635Z	218	TB06035	182	TBA206060	183
T8148022	158	T8242016	160	T9650325Z	219	T9850640Z	218	TB06040	182	TBA206070	183
T8148025	158	T8242019	160	T9650408Z	219	T9850650Z	218	TB06045	182	TBA208050	183
T8148032	158	T8242022	160	T9650410Z	219	T9850660Z	218	TB06050	182	TBA208060	183
T8148038	158	T8242025	160	T9650412Z	219	TACOBRI6L6	273	TB06060	182	TBA208070	183
T8148045	158	T8242032	160	T9650416Z	219	TACOBRI8L8	273	TB06070	182	TBA208080	183
T8148050	158	T8242038	160	T9650420Z	219	TACOBRI8R8	273	TB06080	182	TBA210080	183
T8148060	158	T8242045	160	T9650425Z	219	TACOBRI6E6	272	TB06090	182	TBR06050	183
T8148070	158	T8242050	160	T9650430Z	219	TACOBRI8E8	272	TB06100	182	TBR06060	183
T8148080	158	T8242060	160	T9650435Z	219	TACOLO5	107	TB06110	182	TBR06070	183
T8148090	158	T8242070	160	T9650440Z	219	TACOLO6	107	TB06120	182	TBR08050	183
T8148100	158	T8248013	160	T9650450Z	219	TACOLO8	107	TB07030	182	TBR08060	183
T8148110	158	T8248016	160	T9650510Z	219	TACOLIO	107	TB07040	182	TBR08070	183
T8148120	158	T8248019	160	T9650512Z	219	TACOL12	107	TB07050	182	TBR08080	183
T8155013	158	T8248022	160	T9650516Z	219	TACOLA06	107	TB07060	182	TBR10060	183
T8155016	158	T8248025	160	T9650520Z	219	TACON04	107	TB07070	182	TBR10080	183
T8155019	158	T8248032	160	T9650525Z	219	TACON05	107	TB07080	182	TC2A06060	101
T8155022	158	T8248038	160	T9650530Z	219	TACON06	107	TB07090	182	TC2A08060	101
T8155025	158	T8248045	160	T9650535Z	219	TACON07	107	TB07100	182	TC2A08080	101
T8155032	158	T8248050	160	T9650540Z	219	TACON08	107	TB07120	182	TC2A08100	101
T8155038	158	T8248060	160	T9650550Z	219	TACON10	107	TB08030	182	TC2A08120	101
T8155045	158	T8248070	160	T9650560Z	219	TACON12	107	TB08040	182	TC2A10065	101
T8155050	158	T8255013	160	T9650610Z	219	TACON14	107	TB08045	182	TC2A10080	101
T8155060	158	T8255016	160	T9650612Z	219	TACON16	107	TB08050	182	TC2A10100	101
T8155070	158	T8255019	160	T9650616Z	219	TACONG05	107	TB08060	182	TC2A10115	101
T8155080	158	T8255022	160	T9650620Z	219	TACONG06	107	TB08070	182	TC2A10135	101
T8155090	158	T8255025	160	T9650625Z	219	TACONG08	107	TB08080	182	TC2A10160	101
T8155100	158	T8255032	160	T9650630Z	219	TACONG10	107	TB08090	182	TC6A08080	101
T8155110	158	T8255038	160	T9650635Z	219	TACONG12	107	TB08100	182	TC6A08100	101
T8155120	158	T8255045	160	T9650640Z	219	TACONG14	107	TB08110	182	TC6A08120	101
T8163016	158	T8255050	160	T9650650Z	219	TACOP05	108	TB08120	182	TC6A10100	101
T8163019	158	T8255060	160	T9650660Z	219	TACOP06	108	TB08130	182	TC6A10120	101
T8163022	158	T8255070	160	T9850306Z	218	TACOP07	108	TB08140	182	TC6A10140	101
T8163025	158	T8263025	160	T9850308Z	218	TACOP08	108	TB08150	182	TC6A10160	101
T8163032	158	T8263032	160	T9850310Z	218	TACOP09	108	TB08160	182	TC6A10200	101
T8163038	158	T8263038	160	T9850312Z	218	TACOP10	108	TB08180	182	TC6E08080	101
T8163045	158	T8263045	160	T9850316Z	218	TACOP11	108	TB08200	182	TC6E08100	101
T8163050	158	T8263050	160	T9850320Z	218	TACOP12	108	TB10040	182	TC6E08120	101
T8163060	158	T8263060	160	T9850325Z	218	TACOP14	108	TB10050	182	TC6E10100	101
T8163070	158	T8263070	160	T9850330Z	218	TAEN4213	158	TB10060	182	TC6E10120	101

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
TC6E10140	101	TECBT10180	173	TEXBP40035	168	TEXBT40035	170	TEXZP30010	169	TEXZT30020	171
TC6E10160	101	TECBT10200	173	TEXBP40040	168	TEXBT40040	170	TEXZP30012	169	TEXZT30025	171
TC6E10200	101	TECBT10220	173	TEXBP40045	168	TEXBT40045	170	TEXZP30015	169	TEXZT30030	171
TCA205030	103	TECBT10240	173	TEXBP40050	168	TEXBT40050	170	TEXZP30016	169	TEXZT30035	171
TCA206040	103	TECBT10260	173	TEXBP40055	168	TEXBT40055	170	TEXZP30020	169	TEXZT30040	171
TCA206060	103	TECBT10280	173	TEXBP40060	168	TEXBT40060	170	TEXZP30025	169	TEXZT35012	171
TCA208060	103	TECBT10300	173	TEXBP40070	168	TEXBT40070	170	TEXZP30030	169	TEXZT35016	171
TCA208080	103	TECBT60080	173	TEXBP40080	168	TEXBT45025	170	TEXZP30035	169	TEXZT35020	171
TCA208100	103	TECBT60100	173	TEXBP45016	168	TEXBT45030	170	TEXZP30040	169	TEXZT35025	171
TCCA05025	102	TECBT60120	173	TEXBP45020	168	TEXBT45035	170	TEXZP30045	169	TEXZT35030	171
TCCA05030	102	TECBT60140	173	TEXBP45025	168	TEXBT45040	170	TEXZP35010	169	TEXZT35035	171
TCCA05035	102	TECBT60160	173	TEXBP45030	168	TEXBT45045	170	TEXZP35012	169	TEXZT35040	171
TCCA05050	102	TECBT60180	173	TEXBP45035	168	TEXBT45050	170	TEXZP35015	169	TEXZT35045	171
TCCA06035	102	TECBT60200	173	TEXBP45040	168	TEXBT45060	170	TEXZP35016	169	TEXZT35050	171
TCCA06040	102	TECBT80080	173	TEXBP45045	168	TEXBT45070	170	TEXZP35020	169	TEXZT40016	171
TCCA06050	102	TECBT80100	173	TEXBP45050	168	TEXBT45080	170	TEXZP35025	169	TEXZT40020	171
TCCA06060	102	TECBT80120	173	TEXBP45060	168	TEXBT50030	170	TEXZP35030	169	TEXZT40025	171
TCCA06070	102	TECBT80140	173	TEXBP45070	168	TEXBT50035	170	TEXZP35035	169	TEXZT40030	171
TCCA06080	102	TECBT80160	173	TEXBP45080	168	TEXBT50040	170	TEXZP35040	169	TEXZT40035	171
TCCA08060	102	TECBT80180	173	TEXBP50025	168	TEXBT50045	170	TEXZP35045	169	TEXZT40040	171
TCCA08080	102	TECBT80200	173	TEXBP50030	168	TEXBT50050	170	TEXZP35050	169	TEXZT40045	171
TCCA08100	102	TECBT80220	173	TEXBP50035	168	TEXBT50060	170	TEXZP40012	169	TEXZT40050	171
TCCA08120	102	TECBT80240	173	TEXBP50040	168	TEXBT50070	170	TEXZP40015	169	TEXZT40055	171
TCCA08140	102	TECBT80260	173	TEXBP50045	168	TEXBT50080	170	TEXZP40016	169	TEXZT40060	171
TCCAEP5030	102	TECBT80280	173	TEXBP50050	168	TEXBT50090	170	TEXZP40020	169	TEXZT40070	171
TCCAEP6040	102	TECBT80300	173	TEXBP50060	168	TEXBT50100	170	TEXZP40025	169	TEXZT45030	171
TCCC05025	103	TEGA25	268	TEXBP50070	168	TEXBT50120	170	TEXZP40030	169	TEXZT45035	171
TCCC05030	103	TEGA33	268	TEXBP50080	168	TEXBT60040	170	TEXZP40035	169	TEXZT45040	171
TCCC05035	103	TEGR2530	268	TEXBP50090	168	TEXBT60045	170	TEXZP40040	169	TEXZT45050	171
TCCC05050	103	TEMO25	268	TEXBP50100	168	TEXBT60050	170	TEXZP40045	169	TEXZT45060	171
TCCC06035	103	TEMO33	268	TEXBP50110	168	TEXBT60060	170	TEXZP40050	169	TEXZT45070	171
TCCC06040	103	TEPE2530	268	TEXBP50120	168	TEXBT60070	170	TEXZP40055	169	TEXZT45080	171
TCCC06050	103	TEXA250050	171	TEXBP60040	168	TEXBT60080	170	TEXZP40060	169	TEXZT50030	171
TCCC06060	103	TEXA250060	171	TEXBP60045	168	TEXBT60090	170	TEXZP40070	169	TEXZT50035	171
TCCC06070	103	TEXA250070	171	TEXBP60050	168	TEXBT60100	170	TEXZP40080	169	TEXZT50040	171
TCCC08060	103	TEXABM06	173	TEXBP60060	168	TEXBT60110	170	TEXZP45016	169	TEXZT50045	171
TCCC08080	103	TEXABM08	173	TEXBP60070	168	TEXBT60120	170	TEXZP45020	169	TEXZT50050	171
TCCC08100	103	TEXABM10	173	TEXBP60080	168	TEXBT60130	170	TEXZP45025	169	TEXZT50060	171
TCCC08120	103	TEXBP25010	168	TEXBP60090	168	TEXBT60140	170	TEXZP45030	169	TEXZT50070	171
TCCC08140	103	TEXBP25012	168	TEXBP60100	168	TEXBT60150	170	TEXZP45035	169	TEXZT50080	171
TCPA24213	161	TEXBP25016	168	TEXBP60110	168	TEXBT60160	170	TEXZP45040	169	TEXZT50090	171
TCPA24222	161	TEXBP25020	168	TEXBP60120	168	TEXBT60180	170	TEXZP45045	169	TEXZT50100	171
TCPA24232	161	TEXBP25025	168	TEXBT10080	170	TEXBT60200	170	TEXZP45050	169	TEXZT60050	171
TCPB4213	161	TEXBP30010	168	TEXBT10100	170	TEXBT60220	170	TEXZP45060	169	TEXZT60060	171
TCPB4222	161	TEXBP30012	168	TEXBT10120	170	TEXBT60240	170	TEXZP45070	169	TEXZT60070	171
TCPB4232	161	TEXBP30015	168	TEXBT10140	170	TEXBT60260	170	TEXZP45080	169	TEXZT60080	171
TCPN4213	161	TEXBP30016	168	TEXBT10160	170	TEXBT60280	170	TEXZP50025	169	TEXZT60090	171
TCPN4222	161	TEXBP30020	168	TEXBT10180	170	TEXBT60300	170	TEXZP50030	169	TEXZT60100	171
TCPN4232	161	TEXBP30025	168	TEXBT10200	170	TEXBT80080	170	TEXZP50035	169	TEXZT60110	171
TCPZ4213	161	TEXBP30030	168	TEXBT10220	170	TEXBT80100	170	TEXZP50040	169	TEXZT60120	171
TCPZ4222	161	TEXBP30035	168	TEXBT10240	170	TEXBT80120	170	TEXZP50045	169	TEXZT60130	171
TCPZ4232	161	TEXBP30040	168	TEXBT30016	170	TEXBT80140	170	TEXZP50050	169	TEXZT60140	171
TCSO14075	75	TEXBP30045	168	TEXBT30020	170	TEXBT80160	170	TEXZP50060	169	TEXZT60150	171
TCSO14100	75	TEXBP35010	168	TEXBT30025	170	TEXBT80180	170	TEXZP50070	169	TEXZT60160	171
TCSO14130	75	TEXBP35012	168	TEXBT30030	170	TEXBT80200	170	TEXZP50080	169	TEXZT60180	171
TCSO14160	75	TEXBP35015	168	TEXBT30035	170	TEXBT80220	170	TEXZP50090	169	TEXZT60200	171
TCSO16140	75	TEXBP35016	168	TEXBT30040	170	TEXBT80240	170	TEXZP50100	169	TEXZT60220	171
TCSO16160	75	TEXBP35020	168	TEXBT35012	170	TEXBT80260	170	TEXZP50110	169	TEXZT60240	171
TCSO16200	75	TEXBP35025	168	TEXBT35016	170	TEXBT80280	170	TEXZP50120	169	TEXZT60260	171
TCSO16240	75	TEXBP35030	168	TEXBT35020	170	TEXBT80300	170	TEXZP60040	169	TEXZT60280	171
TCSPO5027	101	TEXBP35035	168	TEXBT35025	170	TEXBT80320	170	TEXZP60045	169	TEXZT60300	171
TCSPO6032	101	TEXBP35040	168	TEXBT35030	170	TEXBT80340	170	TEXZP60050	169	TFE05040	55
TCSPO6040	101	TEXBP35045	168	TEXBT35035	170	TEXBT80360	170	TEXZP60060	169	TFE05050	55
TCSPEP05027	102	TEXBP35050	168	TEXBT35040	170	TEXBT80380	170	TEXZP60070	169	TFE05060	55
TCSPEP06032	102	TEXBP40012	168	TEXBT35045	170	TEXBT80400	170	TEXZP60080	169	TFE05080	55
TCSPEP06040	102	TEXBP40015	168	TEXBT35050	170	TEXZP25010	169	TEXZP60090	169	TFE05100	55
TECBT10100	173	TEXBP40016	168	TEXBT40016	170	TEXZP25012	169	TEXZP60100	169	TFE06040	55
TECBT10120	173	TEXBP40020	168	TEXBT40020	170	TEXZP25016	169	TEXZP60110	169	TFE06050	55
TECBT10140	173	TEXBP40025	168	TEXBT40025	170	TEXZP25020	169	TEXZP60120	169	TFE06060	55
TECBT10160	173	TEXBP40030	168	TEXBT40030	170	TEXZP25025	169	TEXZT30016	171	TFE06070	55

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
TFE06080	55	TCX0840	291	THP06100	54	TNXE410080	100	TPPO50060	176	TPPOZ50090	178
TFE06100	55	TCX0860	291	THP08060	54	TNXE410100	100	TPPO50070	176	TPPOZ50100	178
TFE06120	55	TCX1040	291	THP08080	54	TNXE410120	100	TPPO50080	176	TPPOZ50120	178
TFE08055	55	TCX1060	291	THT06040	54	TNXE410140	100	TPPO50090	176	TPPOZ60040	178
TFE08060	55	THA05040	54	THT06050	54	TPA230016	181	TPPO50100	176	TPPOZ60050	178
TFE08070	55	THA05060	54	THT06060	54	TPA230025	181	TPPO50120	176	TPPOZ60060	178
TFE08080	55	THA05080	54	TMVR06065	302	TPA235020	181	TPPO60040	176	TPPOZ60070	178
TFE08090	55	THA05100	54	TMVR07065	302	TPA235025	181	TPPO60050	176	TPPOZ60080	178
TFE08100	55	THA06045	54	TMVR08065	302	TPA235030	181	TPPO60060	176	TPPOZ60090	178
TFE08110	55	THA06050	54	TN4S05	104	TPA235040	181	TPPO60070	176	TPPOZ60100	178
TFE08120	55	THA06060	54	TN4S06	104	TPA240030	181	TPPO60080	176	TPPOZ60110	178
TFE08140	55	THA06080	54	TN4S06EP	104	TPA240040	181	TPPO60090	176	TPTO30025	180
TFE10060	55	THA06120	54	TN4S06L	104	TPA240050	181	TPPO60100	176	TPTO30030	180
TFE10070	55	THA06140	54	TN4S08	104	TPA245030	181	TPPO60110	176	TPTO35015	180
TFE10080	55	THA08060	54	TN4S08EP	104	TPA245050	181	TPPO60120	176	TPTO35017	180
TFE10090	55	THA08080	54	TN4S08L	104	TPA250050	181	TPPO60130	176	TPTO35020	180
TFE10100	55	THA08100	54	TN4S10	104	TPA250070	181	TPPO60140	176	TPTO35025	180
TFE10120	55	THA08120	54	TN4S10EP	104	TPBLANC	58	TPPO60150	176	TPTO35030	180
TFE10140	55	THA10100	54	TN4S10L	104	TPCR042BL	231	TPPO60160	176	TPTO35040	180
TFE12080	55	THA10120	54	TN4S12	104	TPCR042NE	231	TPPO60180	176	TPTO35050	180
TFE12090	55	THE05040	53	TN4S14	104	TPCR048BL	231	TPPO60200	176	TPTO40020	180
TFE12110	55	THE05050	53	TNUX08060	100	TPCR048NE	231	TPPO60220	176	TPTO40025	180
TFE12130	55	THE05060	53	TNUX08080	100	TPCR055BL	231	TPPOZ25010	178	TPTO40030	180
TFE12150	55	THE05080	53	TNUX08100	100	TPCR055NE	231	TPPOZ25012	178	TPTO40035	180
TFE14080	55	THE05100	53	TNUX08120	100	TPMARRO	58	TPPOZ25016	178	TPTO40040	180
TFE14100	55	THE06040	53	TNUX10060	100	TPPO25010	176	TPPOZ25020	178	TPTO40045	180
TFE14120	55	THE06050	53	TNUX10080	100	TPPO25012	176	TPPOZ25025	178	TPTO40050	180
TFE14130	55	THE06060	53	TNUX10100	100	TPPO25016	176	TPPOZ30012	178	TPTO40060	180
TFE14140	55	THE06070	53	TNUX10120	100	TPPO25020	176	TPPOZ30016	178	TPTO40070	180
TFE14160	55	THE06080	53	TNUX10140	100	TPPO25025	176	TPPOZ30020	178	TPTO45030	180
TFE18100	55	THE06100	53	TNUXA08060	99	TPPO30012	176	TPPOZ30025	178	TPTO45035	180
TFE18130	55	THE06120	53	TNUXA08080	99	TPPO30016	176	TPPOZ30030	178	TPTO45040	180
TFE18160	55	THE08055	53	TNUXA08100	99	TPPO30020	176	TPPOZ30040	178	TPTO45045	180
TFE18180	55	THE08060	53	TNUXA08120	99	TPPO30025	176	TPPOZ35016	178	TPTO45050	180
TFE18200	55	THE08070	53	TNUXA10060	99	TPPO30030	176	TPPOZ35020	178	TPTO45060	180
TFE18200	55	THE08080	53	TNUXA10080	99	TPPO30040	176	TPPOZ35025	178	TPTO45070	180
TFE18200	55	THE08090	53	TNUXA10100	99	TPPO35016	176	TPPOZ35030	178	TPTO50030	180
TFE18200	55	THE08100	53	TNUXA10120	99	TPPO35020	176	TPPOZ35035	178	TPTO50035	180
TFE18200	55	THE08110	53	TNUXA10140	99	TPPO35025	176	TPPOZ35040	178	TPTO50040	180
TFE18200	55	THE08120	53	TNUXA10160	99	TPPO35030	176	TPPOZ35050	178	TPTO50045	180
TFE18200	55	THE08140	53	TNUXA10180	99	TPPO35035	176	TPPOZ40016	178	TPTO50050	180
TFE18200	55	THE10060	53	TNUXA10200	99	TPPO35040	176	TPPOZ40020	178	TPTO50060	180
TFE18200	55	THE10070	53	TNUXA10230	99	TPPO35050	176	TPPOZ40025	178	TPTO50070	180
TFE18200	55	THE10080	53	TNUXE08060	99	TPPO40016	176	TPPOZ40030	178	TPTO50080	180
TFE18200	55	THE10090	53	TNUXE08080	99	TPPO40020	176	TPPOZ40035	178	TPTO50090	180
TFE18200	55	THE10100	53	TNUXE08100	99	TPPO40025	176	TPPOZ40040	178	TPTO50100	180
TFE18200	55	THE10120	53	TNUXE08120	99	TPPO40030	176	TPPOZ40045	178	TPTO50120	180
TFE18200	55	THE10140	53	TNUXE10060	99	TPPO40035	176	TPPOZ40050	178	TPTO60060	180
TFE18200	55	THE12080	53	TNUXE10080	99	TPPO40040	176	TPPOZ40060	178	TPTO60070	180
TFE18200	55	THE12090	53	TNUXE10100	99	TPPO40045	176	TPPOZ40070	178	TPTO60080	180
TFE18200	55	THE12110	53	TNUXE10120	99	TPPO40050	176	TPPOZ45020	178	TPTO60090	180
TFE18200	55	THE12130	53	TNUXE10140	99	TPPO40060	176	TPPOZ45025	178	TPTO60100	180
TFE18200	55	THE12150	53	TNUXE10160	99	TPPO40070	176	TPPOZ45030	178	TPTO60110	180
TFE18200	55	THE14080	53	TNUXE10180	99	TPPO45020	176	TPPOZ45035	178	TPTO60120	180
TFE18200	55	THE14100	53	TNUXE10200	99	TPPO45025	176	TPPOZ45040	178	TPTO60130	180
TFE18200	55	THE14120	53	TNUXE10230	99	TPPO45030	176	TPPOZ45045	178	TPTO60140	180
TFE18200	55	THE14130	53	TNUXT10080	100	TPPO45035	176	TPPOZ45050	178	TPTO60150	180
TFE18200	55	THE14140	53	TNUXT10100	100	TPPO45040	176	TPPOZ45060	178	TPTO60160	180
TFE18200	55	THE14160	53	TNUXT10120	100	TPPO45045	176	TPPOZ45070	178	TPTO60180	180
TFE18200	55	THE18100	53	TNUXT10140	100	TPPO45050	176	TPPOZ45080	178	TPTO60200	180
TFE18200	55	THE18130	53	TNUXT10160	100	TPPO45060	176	TPPOZ50020	178	TPTO60220	180
TFE18200	55	THE18160	53	TNXA408080	99	TPPO45070	176	TPPOZ50025	178	TPTPADBE	231
TFE18200	55	THE18180	53	TNXA408100	99	TPPO45080	176	TPPOZ50030	178	TPTPADBL	231
TFE18200	55	THE18200	53	TNXA408120	99	TPPO50020	176	TPPOZ50035	178	TPTPADCA	231
TFE18200	55	THP05040	54	TNXA410080	99	TPPO50025	176	TPPOZ50040	178	TPTPADCE	231
TFE18200	55	THP05060	54	TNXA410100	99	TPPO50030	176	TPPOZ50045	178	TPTPADGR	231
TFE18200	55	THP06040	54	TNXA410120	99	TPPO50035	176	TPPOZ50050	178	TPTPADHA	231
TFE18200	55	THP06050	54	TNXA410140	99	TPPO50040	176	TPPOZ50060	178	TPTPADNE	231
TFE18200	55	THP06060	54	TNXE408080	100	TPPO50045	176	TPPOZ50070	178	TPTPADNO	231
TFE18200	55	THP06080	54	TNXE408100	100	TPPO50050	176	TPPOZ50080	178	TPTPADPI	231

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
TPTPADRO	231	TRPO45040	181	VABE165522	145	VABR4225	152	VALHC21090	192	VD12704	225
TPTPADSA	231	TRPO45045	181	VABE165525	145	VABR4232	152	VALHC21100	192	VD12705	225
TRI3200200	133	TRPO50020	181	VABE165532	145	VABR4238	152	VALHC22110	192	VD12706	225
TRI3300300	133	TRPO50030	181	VABE165538	145	VABR4250	152	VALHC22120	192	VD12708	225
TRI3400400	133	TRPO50040	181	VABE165550	145	VABR4813	152	VALHC23130	192	VD12710	225
TRI3500500	133	TRPO50050	181	VABE166325	145	VABR4816	152	VALRE25020	190	VD12712	225
TRI3600600	133	TSGA06	122	VABE166332	145	VABR4819	152	VALRE25030	190	VD158704	222
TRI5200200	133	TSGA08	122	VABE166338	145	VABR4822	152	VALRE35040	190	VD158705	222
TRI5300300	133	TSGA10	122	VABE3509	144	VABR4825	152	VALRE35050	190	VD158706	222
TRI5400400	133	TSGA12	122	VABE3513	144	VABR4832	152	VALRE40060	190	VD158708	222
TRI5500500	133	TSGA14	122	VABE4213	144	VABR4838	152	VALRE40070	190	VD158710	222
TRI5600600	133	TSGA16	122	VABE4216	144	VABR4845	152	VALRE40080	190	VD158712	222
TRA6050	74	TSGA20	122	VABE4219	144	VABR4850	152	VALRO14025	191	VD603905020	216
TRA6060	74	TSGA22	122	VABE4225	144	VABR4860	152	VALRO16030	191	VD603905030	216
TRA6080	74	TSGA24	122	VABE4232	144	VABR4880	152	VALRO17040	191	VD603905040	216
TRA8070	74	TSGA30	122	VABE4813	144	VABR5532	152	VALRO18040	191	VD603905050	216
TRA8090	74	TSGA36	122	VABE4816	144	VACHA08C	65	VALRO18050	191	VD603906016	216
TRA8110	74	TUG201006	288	VABE4819	144	VACHA10C	65	VALRO19050	191	VD603906020	216
TRA8130	74	TUG201008	288	VABE4825	144	VACHG08C	64	VALRO19060	191	VD603906030	216
TRA8150	74	TUG271808	288	VABE4832	144	VACHG10C	64	VALRO19070	191	VD603906040	216
TRAV0411	119	TUG271810	288	VABE4838	144	VACTH08C	61	VALRO20060	191	VD603906050	216
TRAV0513	119	TUGRA2706	289	VABE5519	144	VACTH08L	61	VALRO20070	191	VD603906060	216
TRAV0616	119	TUGRA2708	289	VABE5522	144	VACTH10C	61	VALRO20080	191	VD603906070	216
TRAV0819	119	TUGRA3808	289	VABE5525	144	VACTH10L	61	VALRO21080	191	VD603906080	216
TRAV1021	119	TUGRA3810	289	VABE5532	144	VACTH12C	61	VALRO21090	191	VD603908025	216
TRBL200200	133	TUGX08	291	VABE5538	144	VACTH12L	61	VALRO22100	191	VD603908030	216
TRBL300300	133	TUGX10	291	VABE5550	144	VACTH16C	61	VALRO22110	191	VD603908040	216
TRBL400400	133	TUGXMU08	292	VABE5563	144	VACTH208C	61	VALRO22120	191	VD603908050	216
TRBL500500	133	TUGXMU10	292	VABE6319	144	VACTA208L	61	VALRO23130	191	VD603908060	216
TRBL600600	133	TUMAM03	222	VABE6325	144	VACTA210C	61	VALROB16030	191	VD603908070	216
TRCA0310	119	TUMAM04	222	VABE6332	144	VACTA210L	61	VALROB17040	191	VD603908080	216
TRCA0410	119	TUMAM05	222	VABE6338	144	VACTA212C	61	VALROB18050	191	VD603908090	216
TRCA0411	119	TUMAM06	222	VABE6350	144	VACTA212L	61	VALROB19060	191	VD603908100	216
TRCA0512	119	TUMAM08	222	VABE6363	144	VALHA14025	193	VAM06060	51	VD603910025	216
TRCA0515	119	TUMAM10	222	VABP3513	155	VALHA16030	193	VAM08075	51	VD603910030	216
TRCA0614	119	TUMAM12	222	VABP3516	155	VALHA17040	193	VAM08090	51	VD603910040	216
TRCA0616	119	TUMAM14	222	VABP3519	155	VALHA18040	193	VAM10070	51	VD603910050	216
TRCA0816	119	TUMAM16	222	VABP3525	155	VALHA18050	193	VAM10090	51	VD603910060	216
TRCA0818	119	TURX08	292	VABP3913	155	VALHA19050	193	VAM10120	51	VD603910070	216
TRCA1017	119	TURX10	292	VABP3916	155	VALHA19060	193	VAM12090	51	VD603910080	216
TRCA1022	119	TURX12	292	VABP3919	155	VALHA19070	193	VAM12110	51	VD902103	224
TRCA1223	119	TURXA08	292	VABP3925	155	VALHA20050	193	VARANE14	150	VD902104	224
TRCRO410	119	TURXA10	292	VABP3938	155	VALHA20060	193	VARANE16	150	VD902105	224
TRCRO511	119	TWA06060	51	VABP4213	155	VALHA20070	193	VARANE18	150	VD902106	224
TRCRO614	119	TZN812909	159	VABP4216	155	VALHA20080	193	VARANE25	150	VD902108	224
TRCRO815	119	TZN813513	159	VABP4219	155	VALHA21070	193	VBAESM04	110	VD902110	224
TRCRI019	119	TZN813516	159	VABP4225	155	VALHA21080	193	VBAESM05	110	VD902112	224
TREPV05050	185	TZN813519	159	VABP4232	155	VALHA21090	193	VBAESM06	110	VD90211M04	224
TREPV07050	185	TZN813525	159	VABP4238	155	VALHA21100	193	VBAGAM04	110	VD90211M05	224
TREZ05050	185	TZN814216	159	VABP4816	155	VALHA22110	193	VBAGAM05	110	VD90211M06	224
TREZ07050	185	TZN814219	159	VABP4819	155	VALHA22120	193	VBAGAM06	110	VD90211M08	224
TRPO30016	181	TZN814225	159	VABP4825	155	VALHA23130	193	VCABA004	110	VD90211M10	224
TRPO30020	181	TZN814232	159	VABP4832	155	VALHAB16030	193	VCABA005	110	VD91204010	215
TRPO35016	181	TZN814238	159	VABP4838	155	VALHAB17040	193	VCABA006	110	VD91204012	215
TRPO35020	181	TZN814816	159	VABP5532	155	VALHAB18050	193	VCAPA004	111	VD91204020	215
TRPO35025	181	TZN814819	159	VABR3509	152	VALHAB19060	193	VCAPA005	111	VD91204030	215
TRPO35030	181	TZN814822	159	VABR3511	152	VALHC14025	192	VCAPA006	111	VD91204040	215
TRPO35035	181	TZN814825	159	VABR3513	152	VALHC16030	192	VCFBL	196	VD91204050	215
TRPO40016	181	TZN814838	159	VABR3516	152	VALHC17040	192	VD12503	223	VD91205010	215
TRPO40020	181	TZN814850	159	VABR3519	152	VALHC18040	192	VD12504	223	VD91205012	215
TRPO40025	181	UNCO3220	294	VABR3525	152	VALHC18050	192	VD12505	223	VD91205016	215
TRPO40030	181	UNEX412103	293	VABR3913	152	VALHC19050	192	VD12506	223	VD91205020	215
TRPO40035	181	UNPX412101	293	VABR3916	152	VALHC19060	192	VD12508	223	VD91205025	215
TRPO40040	181	UNPX412102	293	VABR3919	152	VALHC19070	192	VD12510	223	VD91205030	215
TRPO40050	181	UNPX412103	293	VABR3925	152	VALHC20050	192	VD12512	223	VD91205040	215
TRPO45016	181	UNPX412104	293	VABR3932	152	VALHC20060	192	VD1251M04	223	VD91205050	215
TRPO45020	181	UNTX412104	293	VABR4213	152	VALHC20070	192	VD1251M05	223	VD91206010	215
TRPO45025	181	VABE144819	145	VABR4216	152	VALHC20080	192	VD1251M06	223	VD91206012	215
TRPO45030	181	VABE144825	145	VABR4219	152	VALHC21070	192	VD1251M08	223	VD91206016	215
TRPO45035	181	VABE164819	145	VABR4222	152	VALHC21080	192	VD1251M10	223	VD91206020	215

LIST OF PRODUCTS PER REFERENCE

Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page	Ref.	page
VD91206025	215	VD93310020	211	VHENOM06	68	VRENO4020	116	VT8242019	160	VTBI0070	182
VD91206030	215	VD93310030	211	VHENOM08	68	VRENO4808	116	VT8242025	160	VTBI0080	182
VD91206040	215	VD93310040	211	VINCO432	112	VRENO4810	116	VT8242032	160	VTBI0090	182
VD91206050	215	VD93310050	211	VINCO438	112	VRENO4812	116	VT8248019	160	VTBI0100	182
VD91206060	215	VD93310060	211	VINCO446	112	VRENO4814	116	VT8248025	160	VTBTS08	105
VD91208010	215	VD93310070	211	VINCO537	112	VRENO4816	116	VT8248032	160	VTBTS10	105
VD91208016	215	VD93310080	211	VINCO552	112	VRENO4818	116	VT8248038	160	VTBTS12	105
VD91208020	215	VD93312030	211	VINCO637	112	VRENO4820	116	VT8255032	160	VTCCA05025	102
VD91208030	215	VD93312040	211	VINCO652	112	VRENO4822	116	VT8255038	160	VTCCA05030	102
VD91208040	215	VD93312050	211	VINVN7060	184	VRENO4824	116	VT9650306Z	219	VTCCA05035	102
VD91208050	215	VD93312060	211	VINVN7070	184	VRENO4830	116	VT9650310Z	219	VTCCA05050	102
VD91208060	215	VD93312070	211	VINVZ7060	183	VRENO4835	116	VT9650408Z	219	VTCCA06035	102
VD93106030	213	VD93312080	211	VINVZ7070	183	VRSE06020	299	VT9650410Z	219	VTCCA06040	102
VD93106040	213	VD933104010	212	VMAE0630	299	VRSE06030	299	VT9650416Z	219	VTCCA06050	102
VD93106050	213	VD933104016	212	VMAE0825	299	VRSE08020	299	VT9650420Z	219	VTCCA06060	102
VD93106060	213	VD933104020	212	VMAE1030	299	VRSE08030	299	VT9650425Z	219	VTCCA06070	102
VD93106070	213	VD933104030	212	VMAR0420	299	VRSE10030	299	VT9650430Z	219	VTCCA08060	102
VD93108030	213	VD933104040	212	VMAR0630	299	VRSE12030	299	VT9650510Z	219	VTCCA08080	102
VD93108040	213	VD933105010	212	VMAR0830	299	VSVCBL	197	VT9650516Z	219	VTEXA250050	171
VD93108050	213	VD933105016	212	VMAR1030	299	VSVCMMA	197	VT9650520Z	219	VTEXA250060	171
VD93108060	213	VD933105020	212	VMI08075	49	VSVNB01	197	VT9650530Z	219	VTEXA250070	171
VD93108070	213	VD933105030	212	VMI08090	49	VSVNB02	197	VT9650540Z	219	VTEXBP30016	168
VD93108080	213	VD933105040	212	VMI10070	49	VSVNM01	197	VT9650610Z	219	VTEXBP30020	168
VD93110040	213	VD933105050	212	VMI10090	49	VSVNM02	197	VT9650616Z	219	VTEXBP30025	168
VD93110050	213	VD933106010	212	VMI10120	49	VT8135009	159	VT9650620Z	219	VTEXBP30030	168
VD93110060	213	VD933106016	212	VMI12110	49	VT8135013	159	VT9650630Z	219	VTEXBP30040	168
VD93110070	213	VD933106020	212	VMI4A08075	48	VT8135016	159	VT9850306Z	218	VTEXBP35016	168
VD93110080	213	VD933106025	212	VMI4A10090	48	VT8135019	159	VT9850310Z	218	VTEXBP35020	168
VD93112050	213	VD933106030	212	VMI4A12110	48	VT8135025	159	VT9850316Z	218	VTEXBP35025	168
VD93112060	213	VD933106040	212	VMPF050	208	VT8139009	159	VT9850320Z	218	VTEXBP35030	168
VD93112070	213	VD933106050	212	VPACCI5015	195	VT8139013	159	VT9850330Z	218	VTEXBP35035	168
VD93112080	213	VD933108016	212	VPACCI5020	195	VT8139016	159	VT9850406Z	218	VTEXBP35040	168
VD93304008	211	VD933108020	212	VPACCI5025	195	VT8139019	159	VT9850408Z	218	VTEXBP35050	168
VD93304010	211	VD933108025	212	VPACC20025	195	VT8139022	159	VT9850410Z	218	VTEXBP40025	168
VD93304012	211	VD933108030	212	VPACC20030	195	VT8139025	159	VT9850416Z	218	VTEXBP40030	168
VD93304016	211	VD933108040	212	VPACC20035	195	VT8142009	159	VT9850420Z	218	VTEXBP40035	168
VD93304020	211	VD933108050	212	VPACC20040	195	VT8142013	159	VT9850506Z	218	VTEXBP40040	168
VD93304025	211	VD933108060	212	VPACC20045	195	VT8142016	159	VT9850510Z	218	VTEXBP40045	168
VD93304030	211	VD933110020	212	VPACC20050	195	VT8142019	159	VT9850512Z	218	VTEXBP40050	168
VD93304040	211	VD933110030	212	VPAESM04	111	VT8142022	159	VT9850516Z	218	VTEXBP40060	168
VD93304050	211	VD933110040	212	VPAESM05	111	VT8142025	159	VT9850520Z	218	VTEXBP45030	168
VD93304060	211	VD933110050	212	VPAESM06	111	VT8142032	159	VT9850530Z	218	VTEXBP45035	168
VD93305010	211	VD933110060	212	VPAGAM04	111	VT8142038	159	VT9850540Z	218	VTEXBP45040	168
VD93305012	211	VD93403	220	VPAGAM05	111	VT8142050	159	VT9850550Z	218	VTEXBP45045	168
VD93305016	211	VD93404	220	VPAGAM06	111	VT8148009	159	VT9850610Z	218	VTEXBP45050	168
VD93305020	211	VD93405	220	VPL35025	128	VT8148013	159	VT9850612Z	218	VTEXBP45060	168
VD93305025	211	VD93406	220	VPL35035	128	VT8148016	159	VT9850616Z	218	VTEXBP45070	168
VD93305030	211	VD93408	220	VPL35045	128	VT8148019	159	VT9850620Z	218	VTEXBP50030	168
VD93305040	211	VD93410	220	VRECA4010	117	VT8148025	159	VT9850630Z	218	VTEXBP50035	168
VD93305050	211	VD93412	220	VRECA4012	117	VT8148032	159	VT9850640Z	218	VTEXBP50040	168
VD93305060	211	VD9341M04	220	VRECA4016	117	VT8148038	159	VT9850650Z	218	VTEXBP50050	168
VD93305070	211	VD9341M05	220	VRECA4810	117	VT8148045	159	VT9850660Z	218	VTEXBP50060	168
VD93306016	211	VD9341M06	220	VRECA4812	117	VT8148050	159	VTALAM06	69	VTEXBP50070	168
VD93306020	211	VD9341M08	220	VRECA4814	117	VT8148060	159	VTALAM08	69	VTEXBP50080	168
VD93306025	211	VD9341M10	220	VRECA4816	117	VT8148070	159	VTALAM10	69	VTEXBP50090	168
VD93306030	211	VD9851M04	221	VRECA4818	117	VT8148080	159	VTB05040	182	VTEXBP60050	168
VD93306040	211	VD9851M05	221	VRECA4818	117	VT8155019	159	VTB05050	182	VTEXBP60060	168
VD93306050	211	VD9851M06	221	VRECA4818	117	VT8155025	159	VTB06040	182	VTEXBP60070	168
VD93306060	211	VD9851M08	221	VRECA4818	117	VT8155032	159	VTB06050	182	VTEXBP60080	168
VD93306070	211	VD9851M10	221	VRECA4818	117	VT8155038	159	VTB06060	182	VTEXZP30016	169
VD93308016	211	VDZ98503	221	VRECA4818	117	VT8235009	160	VTB07050	182	VTEXZP30020	169
VD93308020	211	VDZ98504	221	VRECA4818	117	VT8235013	160	VTB07060	182	VTEXZP30025	169
VD93308025	211	VDZ98505	221	VRECA4818	117	VT8235016	160	VTB07070	182	VTEXZP30030	169
VD93308030	211	VDZ98506	221	VRECA4818	117	VT8235019	160	VTB07080	182	VTEXZP30040	169
VD93308040	211	VDZ98508	221	VRECA4818	117	VT8235025	160	VTB08050	182	VTEXZP35016	169
VD93308050	211	VDZ98510	221	VRECA4818	117	VT8239016	160	VTB08060	182	VTEXZP35020	169
VD93308060	211	VDZ98512	221	VRECA4818	117	VT8239019	160	VTB08070	182	VTEXZP35025	169
VD93308070	211	VGMZ10016	196	VRENO4012	116	VT8239022	160	VTB08080	182	VTEXZP35030	169
VD93308080	211	VGMZ15026	196	VRENO4014	116	VT8239025	160	VTB08090	182	VTEXZP35035	169
VD93308100	211	VGMZ19035	196	VRENO4016	116	VT8242016	160	VTB08100	182	VTEXZP35040	169
				VRENO4018	116						

Ref.	page	Ref.	page	Ref.	page	page	page	page
VTEXP35050	169	VTPOZ60080	179	VTPTO50040	180			
VTEXP40025	169	VTppo30016	177	VTPTO50050	180			
VTEXP40030	169	VTppo30020	177	VTPTO50060	180			
VTEXP40035	169	VTppo30025	177	VTPTO50070	180			
VTEXP40040	169	VTppo30030	177	VTPTO50080	180			
VTEXP40045	169	VTppo30040	177	VTPTO50090	180			
VTEXP40050	169	VTppo35016	177	VTPTO60060	180			
VTEXP40060	169	VTppo35020	177	VTPTO60070	180			
VTEXP45030	169	VTppo35025	177	VTPTO60080	180			
VTEXP45035	169	VTppo35030	177	VTREPV05050	185			
VTEXP45040	169	VTppo35035	177	VTREPV07050	185			
VTEXP45045	169	VTppo35040	177	VTREZ05050	185			
VTEXP45050	169	VTppo35050	177	VTREZ07050	185			
VTEXP45060	169	VTppo40016	177	VTUMAM03	222			
VTEXP45070	169	VTppo40020	177	VTUMAM04	222			
VTEXP50030	169	VTppo40025	177	VTUMAM05	222			
VTEXP50035	169	VTppo40030	177	VTUMAM06	222			
VTEXP50040	169	VTppo40035	177	VTUMAM08	222			
VTEXP50045	169	VTppo40040	177	VTUMAM10	222			
VTEXP50050	169	VTppo40045	177	VTUMAM12	222			
VTEXP50060	169	VTppo40050	177	ZP06C40	70			
VTEXP50070	169	VTppo40060	177	ZP08C15	70			
VTEXP50080	169	VTppo45030	177	ZP08C45	70			
VTEXP60050	169	VTppo45035	177	ZP10C50	70			
VTEXP60060	169	VTppo45040	177	ZP10C80	70			
VTEXP60070	169	VTppo45045	177	ZP12C15	70			
VTEXP60080	169	VTppo45050	177	ZP12C65	70			
VTNUXA08080	99	VTppo45060	177	ZT06L10	70			
VTNUXA08100	99	VTppo45070	177	ZT06L30	70			
VTNUXA10080	99	VTppo50030	177	ZT08L15	70			
VTNUXA10100	99	VTppo50035	177	ZT08L35	70			
VTNUXE08080	99	VTppo50040	177	ZT08L45	70			
VTNUXE08100	99	VTppo50050	177	ZT10L10	70			
VTNUXE10080	99	VTppo50060	177	ZT10L30	70			
VTNUXE10100	99	VTppo50070	177	ZT10L50	70			
VTPOZ30025	179	VTppo50080	177	ZT10L80	70			
VTPOZ30030	179	VTppo50090	177	ZT12L15	70			
VTPOZ35016	179	VTppo60040	177	ZT12L45	70			
VTPOZ35020	179	VTppo60050	177	ZT12L65	70			
VTPOZ35025	179	VTppo60060	177					
VTPOZ35030	179	VTppo60070	177					
VTPOZ35035	179	VTppo60080	177					
VTPOZ35040	179	VTppots05	105					
VTPOZ35050	179	VTppots06	105					
VTPOZ40016	179	VTppots08	105					
VTPOZ40020	179	VTPTO30025	180					
VTPOZ40025	179	VTPTO30030	180					
VTPOZ40030	179	VTPTO35015	180					
VTPOZ40035	179	VTPTO35020	180					
VTPOZ40040	179	VTPTO35025	180					
VTPOZ40045	179	VTPTO35030	180					
VTPOZ40050	179	VTPTO35040	180					
VTPOZ40060	179	VTPTO35050	180					
VTPOZ45030	179	VTPTO40020	180					
VTPOZ45035	179	VTPTO40025	180					
VTPOZ45040	179	VTPTO40030	180					
VTPOZ45045	179	VTPTO40035	180					
VTPOZ45050	179	VTPTO40040	180					
VTPOZ45060	179	VTPTO40045	180					
VTPOZ45070	179	VTPTO40050	180					
VTPOZ50030	179	VTPTO40060	180					
VTPOZ50035	179	VTPTO45030	180					
VTPOZ50040	179	VTPTO45035	180					
VTPOZ50050	179	VTPTO45040	180					
VTPOZ50060	179	VTPTO45045	180					
VTPOZ50070	179	VTPTO45050	180					
VTPOZ50080	179	VTPTO45060	180					
VTPOZ50090	179	VTPTO45070	180					
VTPOZ60060	179	VTPTO50030	180					
VTPOZ60070	179	VTPTO50035	180					



Lined area for notes with horizontal dotted lines.



Handwriting practice lines consisting of 20 sets of horizontal dotted lines.

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