

SUPPORT SYSTEMS
2022



INDEX[®]
A PERFECT FIXING

A
PERFECT
FIXING

SUPPORT SYSTEMS 2022

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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.



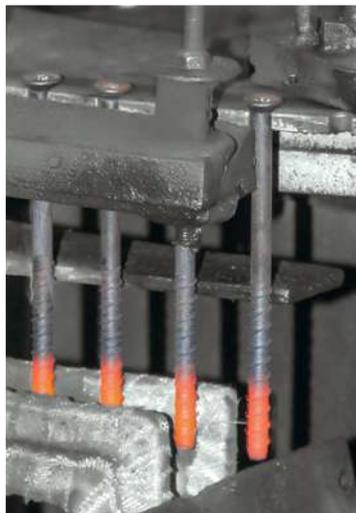


WE ARE EXPERT MANUFACTURERS

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.



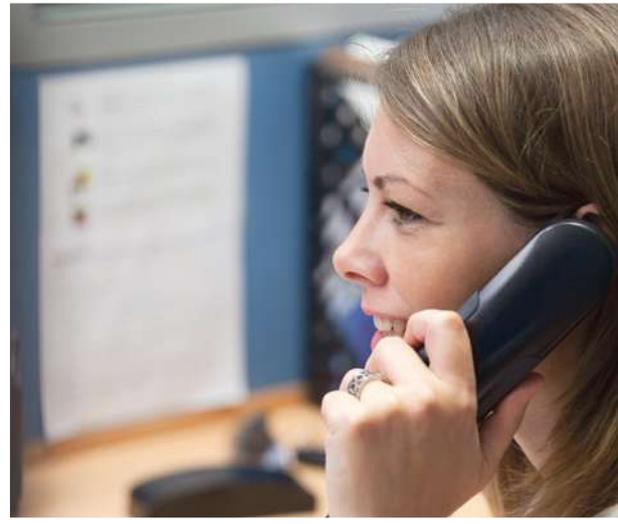


QUALITY CUSTOMER SERVICE

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



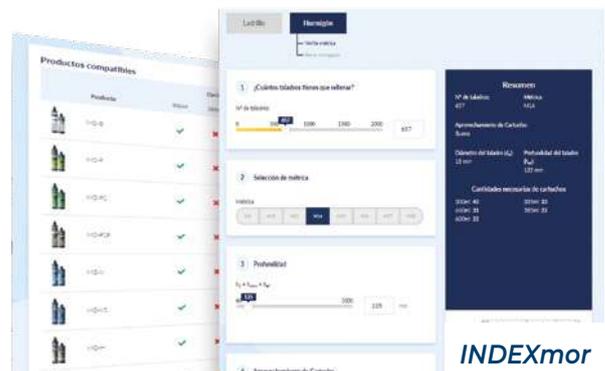
INDEXwood

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 for the design and calculation of timber structure connections.

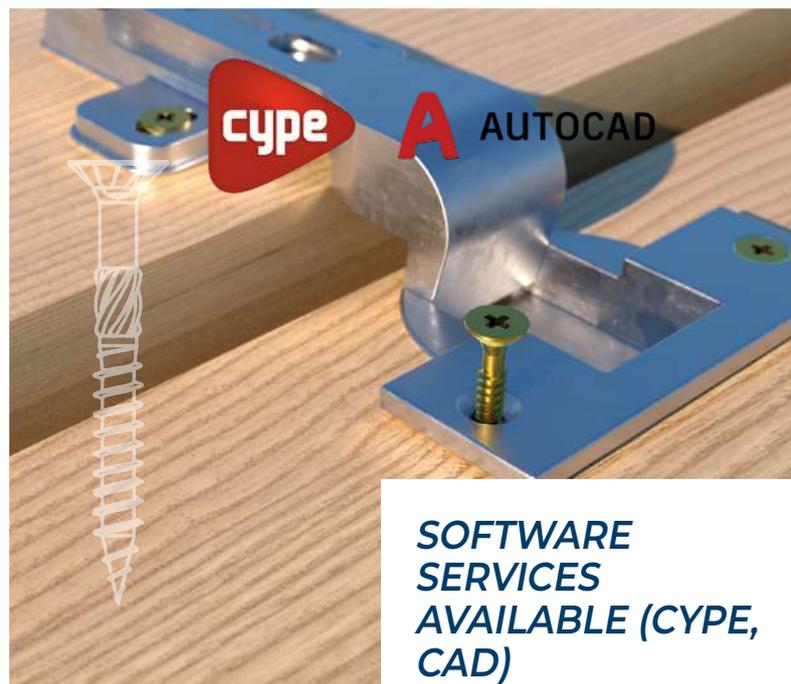
INDEXmor online tool to calculate the required number of chemical cartridges according to different parameters.



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

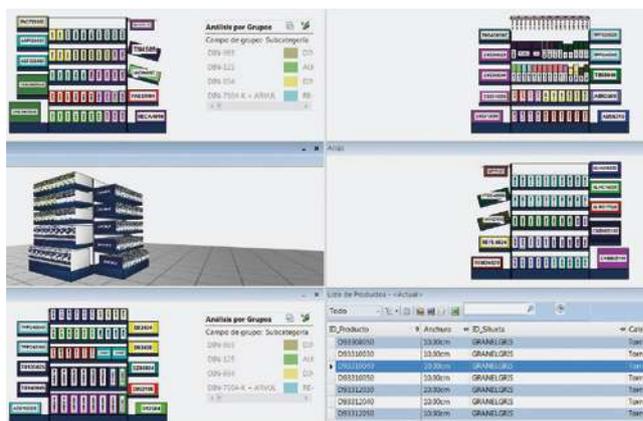
To facilitate display assembly, new installation shipments are prepared separately from other usual orders.

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.



NEW RANGE

INSTALLATION SYSTEMS AND FIXINGS FOR PHOTOVOLTAIC PANELS

We present a complete solution for all types of rooftop photovoltaic installations



Clamps and gauges for assembling panels



Profiles, junctions, guides and joints for the support structure



Connectors + accessories for assembling solar structures



Triangles for installing solar panels



Adjustable accessories for installing solar panels



Direct fastening accessories for installing solar panels



Watertightness accessories for installing solar panels



Kits for solar installations

OTHER NEWS

HE-C4

With collar. A4 Stainless steel. ETA Assessed for non-structural applications



PAGE 122

TC-MA

Metal nail plug with steel drill



PAGE 121

EQ-8.8

Stud bolt for chemical anchor, with nut and washer. Zinc-plated 8.8



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GAS ACCESSORIES

We are expanding the range of accessories for gas fixing.



PAGE 168

SU-AB / SU-CA

We are expanding the range of rapid fastening systems on beams with the beam clip for clamps and the beam clip for cables



PAGE 107

RV-ZN 8.8

Threaded rod. 8.8, zinc-plated



PAGE 116

AB-ITS / AB-ITD

Indextube stainless steel clamps in single or double version



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Steel beam clamps

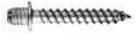
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 Atlantis C2-L	 Yellow zinc plated	 Zinc-plated	 Zinc-plated black	 Zinc-plated white
 Phosphated coated	 Blue galvanised	 Zamak	 Brass	 Copper
 Frosted	 Aluminium	 Steel	 Nylon	 PVC
 Plastic-coated black	 Plastic-coated white	 Plastic-coated yellow	 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
 High-density ETIS	 Low-density ETIS	 Ceramic	 Tile	 Porcelain
 Aluminium	 Glass			

RECESSES

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

LOADS

 Light loads	 Medium loads	 High loads	 Heavy loads
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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 BLACK  ZINC-PLATED WHITE  PHOSPHATED COATED  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  YELLOW ZINC PLATED  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  INOX AISI 304  STAINLESS 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.	 INOX AISI 316  STAINLESS 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.



HEAVY-DUTY METALCLAMPS



	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	
AB-RA	APPLICATIONS: Sanitation, Electric									P. 34	
	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. 35	
	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. 35	
	Ø 15 - Ø 60	60		1,25	19	Fast vertical	M8	-			
AB-RE AB-RE V	APPLICATIONS: Sanitation, Electric, Ventilation									P. 36	
	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. 38	
	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. 37	
	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. 39	
	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. 40	
	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. 40	
	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. 41
	∅ 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. 42
	∅ 18 - ∅ 160	150 - 200		2	19	Screw	M8 ≤ ∅54 M8 / M10 > ∅54	According to UNE-EN ISO 4892	-	-
AB-M8	APPLICATIONS: Sanitation, Drainpipe									P. 42
	∅ 50 - ∅ 315	100		1	28	Screw	M8	-	-	-
AB-DE Z AB-DE G	APPLICATIONS: Sanitation, Drainpipe									P. 43
	∅ 75 - ∅ 315	200	 	2,5	20	Screw	M8	-	-	-
			AB-DE Z AB-DE G							
AB-DP Z AB-DP G	APPLICATIONS: Sanitation, Drainpipe									P. 43
	∅ 75 - ∅ 250	200	 	2,5	20	Screw	-	-	-	-
			AB-DP Z AB-DP G							
AB-ZI	APPLICATIONS: Gas, Sanitation									P. 44
	∅ 16 - ∅ 230	250 - 350		M6 - M8 - M10	-	-	-	-	-	-
AB-SA	APPLICATIONS: Gas, Sanitation									P. 45
	-	-		5 - 6	-	-	-	-	-	-
AB-GP	APPLICATIONS: Sanitation, Industrial									P. 45
	∅ 25 - ∅ 235	-		0,6 - 1,8	18 - 25	Screw	-	-	-	-

AB-RA

Reinforced pipe clamp M8 opened



02 Technical info. P. 219

LATERAL OPENING



INSTALLATION



ADVANTAGES

Screw with plastic washer to avoid its lost
M8 soldered nut

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRA015	15 (M8)	84,257	1/4"	12-16	80	50	300
ABRA018	18 (M8)	84,610	3/8"	15 - 19	80	50	300
ABRA022	22 (M8)	90,480	1/2"	20 - 25	80	50	200
ABRA028	28 (M8)	94,257	3/4"	26 - 30	80	50	200
ABRA035	35 (M8)	100,307	1"	32 - 36	80	50	150
ABRA042	42 (M8)	105,600	1 1/4"	38 - 43	80	50	150
ABRA048	48 (M8)	115,680	1 1/2"	47 - 51	80	50	100
ABRA054	54 (M8)	121,557	-	53 - 58	80	25	100
ABRA060	60 (M8)	127,263	2"	60 - 64	80	25	75
ABRA075	75 (M8)	142,693	2 1/2"	75 - 80	80	25	50
ABRA090	90 (M8)	151,773	3"	87 - 92	80	25	50
ABRA100	100 (M8)	170,450	3 1/2"	99 - 105	80	25	50
ABRA110	110 (M8)	171,220	-	107 - 112	80	25	50
ABRA115	115 (M8)	197,070	4"	113 - 118	80	25	50
ABRA125	125 (M8)	196,783	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 (M8)	93,520	1/4"	12-16	80	50	200
ABIA018	18 (M8)	99,010	3/8"	15 - 19	80	50	200
ABIA022	22 (M8)	105,090	1/2"	20 - 25	80	50	150
ABIA028	28 (M8)	109,683	3/4"	26 - 30	80	50	100
ABIA035	35 (M8)	117,257	1"	32 - 36	80	50	100
ABIA042	42 (M8)	130,363	1 1/4"	38 - 43	80	50	-
ABIA048	48 (M8)	148,570	1 1/2"	47 - 51	80	50	-
ABIA054	54 (M8)	155,127	-	53 - 58	80	25	50
ABIA060	60 (M8)	168,160	2"	60 - 64	80	25	50
ABIA075	75 (M8)	188,100	2 1/2"	75 - 80	80	25	50
ABIA090	90 (M8)	208,983	3"	87 - 92	80	25	50
ABIA100	100 (M8)	231,280	3 1/2"	99 - 105	80	25	50
ABIA110	110 (M8)	238,590	-	107 - 112	80	25	-
ABIA115	115 (M8)	275,763	4"	113 - 118	80	25	-
ABIA125	125 (M8)	295,083	4 1/2"	125 - 130	80	25	-



02. Technical info. P. 219

LATERAL OPENING



INSTALLATION

EXPRESS



ADVANTAGES

Screw with plastic washer to avoid its lost
M8 soldered nut

APPLICATION EXAMPLES



Isophonic pipe clamp M8 fast-clip

AB-IR



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABIR015	15 (M8)	85,663	1/4"	14 - 15	60	50	300
ABIR018	18 (M8)	91,600	3/8"	16 - 19	60	50	300
ABIR022	22 (M8)	95,560	1/2"	21 - 23	60	50	200
ABIR028	28 (M8)	105,510	3/4"	26 - 28	60	50	150
ABIR035	35 (M8)	115,610	1"	32 - 35	60	50	100
ABIR040	40 (M8)	130,427	1 1/4"	40 - 43	60	25	100
ABIR048	48 (M8)	142,977	1 1/2"	48 - 51	60	25	100
ABIR054	54 (M8)	150,640	-	52 - 56	60	25	75
ABIR060	60 (M8)	158,170	2"	57 - 60	60	25	75



02. Technical info. P. 219

VERTICAL OPENING



INSTALLATION

EXPRESS



APPLICATION EXAMPLES



ADVANTAGES

Single screw
Fast installation
Isophonic
TBC compliant

AB-RE

Reinforced pipe clamp M8 + M10

AB-RE

Zinc-plated



02 Technical info. P. 220

REINFORCED M8 + M10



APPLICATION EXAMPLES



ADVANTAGES

Screw with plastic washer to avoid its lost
Reinforced

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRE018	18 (M8+M10)	115,440	3/8"	15 - 19	150	50	300
ABRE022	22 (M8+M10)	118,903	1/2"	20 - 25	150	50	200
ABRE028	28 (M8+M10)	132,020	3/4"	26 - 30	150	50	150
ABRE035	35 (M8+M10)	141,703	1"	32 - 36	150	50	100
ABRE040	40 (M8+M10)	148,750	1 1/4"	38 - 43	150	25	100
ABRE048	48 (M8+M10)	159,057	1 1/2"	47 - 51	150	25	100
ABRE054	54 (M8+M10)	169,667	-	53 - 56	150	25	75
ABRE060	60 (M8+M10)	179,513	2"	60 - 64	150	25	75
ABRE070	70 (M8+M10)	187,647	-	68 - 72	150	25	50
ABRE075	75 (M8+M10)	192,560	2 1/2"	75 - 80	150	25	50
ABRE083	83 (M8+M10)	200,873	-	81 - 86	150	25	-
ABRE090	90 (M8+M10)	216,163	3"	87 - 92	150	25	-
ABRE100	100 (M8+M10)	222,550	3 1/2"	99 - 105	150	25	-
ABRE110	110 (M8+M10)	241,380	-	107 - 112	200	25	-
ABRE115	115 (M8+M10)	271,863	4"	113 - 118	200	25	-
ABRE125	125 (M8+M10)	290,640	4 1/2"	125 - 130	200	25	-
ABRE133	133 (M8+M10)	318,340	-	132 - 137	200	25	-
ABRE140	140 (M8+M10)	360,323	5"	138 - 142	200	25	-
ABRE150	150 (M8+M10)	366,327	-	148 - 152	200	25	-
ABRE160	160 (M8+M10)	384,347	6"	159 - 166	200	25	-
ABRE180	180 (M8+M10)	407,917	-	179 - 184	200	25	-
ABRE200	200 (M8+M10)	443,650	-	199 - 212	200	25	-
ABRE220	220 (M8+M10)	505,723	8"	215 - 226	200	25	-
ABRE250	250 (M8+M10)	560,390	-	245 - 254	200	25	-
ABRE280	280 (M8+M10)	640,220	-	278 - 284	200	25	-
ABRE300	300 (M8+M10)	720,050	-	299 - 304	200	25	-
ABRE315	315 (M8+M10)	809,773	-	314 - 319	200	25	-
ABRE355	355 (M8+M10)	1.026,160	-	354 - 359	200	25	-

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABRET022	22	5,087	2	5
LSABRET028	28	5,210	2	5
LSABRET035	35	5,325	2	5
LSABRET040	40	5,468	2	5
LSABRET048	48	5,360	2	5
LSABRET060	60	5,611	2	5
LSABRET075	75	5,888	2	5
LSABRET090	90	7,226	2	5
LSABRET110	110	7,496	2	5
LSABRET125	125	8,665	2	4

KIT AB-RE + ES-DR + T4S



AB-RE V

Reinforced pipe clamp, M8 + M10. Ventilation



02 Technical info. P. 220

REINFORCED M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRE250	250 (M8+M10)	560,390	-	245 - 254	200	25	-
ABRE280	280 (M8+M10)	640,220	-	278 - 284	200	25	-
ABRE300	300 (M8+M10)	720,050	-	299 - 304	200	25	-
ABRE315	315 (M8+M10)	809,773	-	314 - 319	200	25	-
ABRE355	355 (M8+M10)	1.026,160	-	354 - 359	200	25	-
ABRE400	400 (M8+M10)	1.212,443	-	399 - 404	200	25	-
ABRE450	450 (M8+M10)	1.478,517	-	449 - 454	200	10	-
ABRE500	500 (M8+M10)	1.455,087	-	499 - 504	200	10	-
ABRE560	560 (M8+M10)	1.740,553	-	555 - 561	200	10	-
ABRE600	600 (M8+M10)	1.852,463	-	599 - 604	200	10	-
ABRE630	630 (M8+M10)	1.981,940	-	625 - 631	200	10	-
ABRE710	710 (M8+M10)	2.234,333	-	705 - 711	200	10	-
ABRE800	800 (M8+M10)	2.471,980	-	799 - 804	200	10	-
ABRE900	900 (M8+M10)	2.740,407	-	899 - 904	200	10	-
ABRE910	1000 (M8+M10)	3.070,133	-	999 - 1.004	200	10	-
ABRE911	1120 (M8+M10)	3.361,427	-	1.115 - 1.121	200	10	-
ABRE912	1250 (M8+M10)	3.691,750	-	1.245 - 1.251	200	10	-

Reinforced pipe clamp M8 + M10

AB-RE

STAINLESS STEEL



AB-RE A2

A2 Stainless steel



Technical info
P. 221

REINFORCED

M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA2018	18 (M8+M10)	350,963	3/8"	15 - 18	150	50	300
ABREA2022	22 (M8+M10)	369,093	1/2"	20 - 24	150	50	200
ABREA2028	28 (M8+M10)	405,210	3/4"	26 - 30	150	50	150
ABREA2035	35 (M8+M10)	423,987	1"	32 - 36	150	50	100
ABREA2040	40 (M8+M10)	448,793	1 1/4"	36 - 42	150	25	100
ABREA2048	48 (M8+M10)	473,157	1 1/2"	47 - 50	150	25	100
ABREA2054	54 (M8+M10)	499,703	-	51 - 55	150	25	75
ABREA2060	60 (M8+M10)	531,453	2"	60 - 64	150	25	75
ABREA2075	75 (M8+M10)	601,983	2 1/2"	75 - 80	150	25	50
ABREA2090	90 (M8+M10)	692,637	3"	87 - 92	150	25	-
ABREA2110	110 (M8+M10)	749,337	-	106 - 112	150	25	-
ABREA2115	115 (M8+M10)	781,637	4"	114 - 119	150	25	-
ABREA2125	125 (M8+M10)	838,380	4 1/2"	124 - 131	150	25	-
ABREA2140	140 (M8+M10)	926,653	5"	133 - 140	150	25	-
ABREA2160	160 (M8+M10)	1.057,567	6"	159 - 163	150	25	-
ABREA2200	200 (M8+M10)	1.475,183	-	199 - 212	150	25	-

ADVANTAGES

- Screw with plastic washer to avoid its lost
- Nut M8/M10
- Reinforced

STAINLESS STEEL



AB-RE A4

A4 Stainless steel



Technical info
P. 221

REINFORCED

M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA4018	18 (M8+M10)	449,050	3/8"	15 - 18	150	50	300
ABREA4022	22 (M8+M10)	474,767	1/2"	20 - 24	150	50	200
ABREA4028	28 (M8+M10)	507,057	3/4"	26 - 30	150	50	150
ABREA4035	35 (M8+M10)	529,697	1"	32 - 36	150	50	100
ABREA4040	40 (M8+M10)	568,197	1 1/4"	36 - 42	150	25	100
ABREA4048	48 (M8+M10)	613,867	1 1/2"	47 - 50	150	25	100
ABREA4054	54 (M8+M10)	640,433	-	51 - 55	150	25	75
ABREA4060	60 (M8+M10)	682,693	2"	60 - 64	150	25	75
ABREA4075	75 (M8+M10)	757,447	2 1/2"	75 - 80	150	25	50
ABREA4090	90 (M8+M10)	830,587	3"	87 - 92	150	25	-
ABREA4110	110 (M8+M10)	956,430	-	106 - 112	150	25	-
ABREA4115	115 (M8+M10)	1.026,100	4"	114 - 119	150	25	-
ABREA4125	125 (M8+M10)	1.081,013	4 1/2"	124 - 131	150	25	-
ABREA4140	140 (M8+M10)	1.279,617	5"	133 - 140	150	25	-
ABREA4160	160 (M8+M10)	1.404,623	-	159 - 163	150	25	-
ABREA4200	200 (M8+M10)	1.704,457	-	199 - 212	150	25	-

ADVANTAGES

- Screw with plastic washer to avoid its lost
- Nut M8/M10
- Reinforced

APPLICATION EXAMPLES



AB-RI

Reinforced isophonic pipe clamp M8 + M10



AB-RI

Zinc-plated



02 Technical info. P. 220



REINFORCED



M8 + M10



APPLICATION EXAMPLES



ADVANTAGES

Screw with plastic washer to avoid its lost

Reinforced

Isophonic

TBC compliant

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRI018	18 (M8+M10)	136,453	3/8"	15 - 19	150	50	200
ABRI022	22 (M8+M10)	145,253	1/2"	20 - 25	150	50	150
ABRI028	28 (M8+M10)	156,517	3/4"	26 - 30	150	50	150
ABRI035	35 (M8+M10)	165,517	1"	32 - 36	150	50	100
ABRI040	40 (M8+M10)	188,043	1 1/4"	38 - 43	150	25	75
ABRI048	48 (M8+M10)	202,687	1 1/2"	47 - 51	150	25	75
ABRI054	54 (M8+M10)	213,950	-	53 - 56	150	25	50
ABRI060	60 (M8+M10)	236,467	2"	60 - 64	150	25	50
ABRI070	70 (M8+M10)	244,910	-	68 - 72	150	25	-
ABRI075	75 (M8+M10)	272,440	2 1/2"	75 - 80	150	25	-
ABRI083	83 (M8+M10)	275,870	-	81 - 86	150	25	-
ABRI090	90 (M8+M10)	303,577	3"	87 - 92	150	25	-
ABRI100	100 (M8+M10)	315,287	3 1/2"	99 - 105	150	25	-
ABRI110	110 (M8+M10)	365,957	-	107 - 112	200	25	-
ABRI115	115 (M8+M10)	388,473	4"	113 - 118	200	25	-
ABRI125	125 (M8+M10)	425,077	4 1/2"	125 - 130	200	25	-
ABRI133	133 (M8+M10)	430,713	-	132 - 137	200	25	-
ABRI140	140 (M8+M10)	484,200	5"	138 - 142	200	25	-
ABRI150	150 (M8+M10)	494,897	-	148 - 152	200	25	-
ABRI160	160 (M8+M10)	534,857	6"	159 - 166	200	25	-
ABRI180	180 (M8+M10)	548,987	-	179 - 184	200	25	-
ABRI200	200 (M8+M10)	608,057	-	199 - 212	200	25	-
ABRI220	220 (M8+M10)	698,140	8"	215 - 226	200	25	-
ABRI250	250 (M8+M10)	784,863	-	245 - 254	200	25	-
ABRI280	280 (M8+M10)	839,010	-	278 - 284	200	25	-
ABRI300	300 (M8+M10)	893,153	-	299 - 304	200	25	-
ABRI315	315 (M8+M10)	994,400	-	314 - 319	200	25	-
ABRI355	355 (M8+M10)	1.398,647	-	354 - 359	200	25	-



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABRIT022	22	5,553	2	5
LSABRIT028	28	5,711	2	5
LSABRIT035	35	5,904	2	5
LSABRIT040	40	5,904	2	5
LSABRIT048	48	6,120	2	5
LSABRIT060	60	6,544	2	5
LSABRIT075	75	7,057	2	5
LSABRIT090	90	8,110	2	5
LSABRIT110	110	9,502	2	4

KIT
AB-RI + ES-DR
+ T4S



AB-RI V

Reinforced isophonic pipe clamp M8 + M10. Ventilation



02 Technical info. P. 220



REINFORCED



M8 + M10



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABRI250	250 (M8+M10)	784,863	-	245 - 254	200	25	-
ABRI280	280 (M8+M10)	839,010	-	278 - 284	200	25	-
ABRI300	300 (M8+M10)	893,153	-	299 - 304	200	25	-
ABRI315	315 (M8+M10)	994,400	-	314 - 319	200	25	-
ABRI355	355 (M8+M10)	1.398,647	-	354 - 359	200	25	-
ABRI400	400 (M8+M10)	1.518,070	-	399 - 404	200	25	-
ABRI450	450 (M8+M10)	1.828,133	-	449 - 454	200	10	-
ABRI500	500 (M8+M10)	1.876,140	-	499 - 504	200	10	-
ABRI560	560 (M8+M10)	2.082,227	-	555 - 561	200	10	-
ABRI600	600 (M8+M10)	2.296,567	-	599 - 604	200	10	-
ABRI630	630 (M8+M10)	2.493,600	-	625 - 631	200	10	-
ABRI710	710 (M8+M10)	2.889,580	-	705 - 711	200	10	-
ABRI800	800 (M8+M10)	3.139,883	-	799 - 804	200	10	-
ABRI900	900 (M8+M10)	3.564,213	-	899 - 904	200	10	-
ABRI910	1000 (M8+M10)	4.062,897	-	999 - 1.004	200	10	-
ABRI911	1120 (M8+M10)	4.488,487	-	1.115 - 1.121	200	10	-
ABRI912	1250 (M8+M10)	4.912,803	-	1.245 - 1.251	200	10	-

Reinforced isophonic pipe clamp M8 + M10

AB-RI

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRIA2018	18 (M8+M10)	452,633	3/8"	15 - 18	150	50	200
ABRIA2022	22 (M8+M10)	465,123	1/2"	20 - 24	150	50	150
ABRIA2028	28 (M8+M10)	485,820	3/4"	26 - 30	150	50	150
ABRIA2035	35 (M8+M10)	511,127	1"	32 - 36	150	50	100
ABRIA2040	40 (M8+M10)	538,987	1 1/4"	36 - 42	150	25	75
ABRIA2048	48 (M8+M10)	571,240	1 1/2"	47 - 50	150	25	75
ABRIA2054	54 (M8+M10)	623,673	-	51 - 55	150	25	50
ABRIA2060	60 (M8+M10)	657,530	2"	60 - 64	150	25	50
ABRIA2075	75 (M8+M10)	740,760	2 1/2"	75 - 80	150	25	-
ABRIA2090	90 (M8+M10)	800,907	3"	87 - 92	150	25	-
ABRIA2110	110 (M8+M10)	890,610	-	106 - 112	150	25	-
ABRIA2115	115 (M8+M10)	915,293	4"	114 - 119	150	25	-
ABRIA2125	125 (M8+M10)	986,493	4 1/2"	124 - 131	150	25	-
ABRIA2140	140 (M8+M10)	1.021,377	5"	133 - 140	150	25	-
ABRIA2160	160 (M8+M10)	1.145,937	6"	159 - 163	150	25	-

AB-RI A2

A2 Stainless steel



02 Technical info. P. 221



M8 + M10



ADVANTAGES

- Screw with plastic washer to avoid its lost
- Nut M8/M10
- Reinforced

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRIA4018	18 (M8+M10)	536,790	3/8"	15 - 18	150	50	200
ABRIA4022	22 (M8+M10)	564,327	1/2"	20 - 24	150	50	150
ABRIA4028	28 (M8+M10)	589,053	3/4"	26 - 30	150	50	150
ABRIA4035	35 (M8+M10)	633,163	1"	32 - 36	150	50	100
ABRIA4040	40 (M8+M10)	682,457	1 1/4"	36 - 42	150	25	75
ABRIA4048	48 (M8+M10)	733,720	1 1/2"	47 - 50	150	25	75
ABRIA4054	54 (M8+M10)	770,017	-	51 - 55	150	25	50
ABRIA4060	60 (M8+M10)	841,693	2"	60 - 64	150	25	50
ABRIA4075	75 (M8+M10)	920,903	2 1/2"	75 - 80	150	25	-
ABRIA4090	90 (M8+M10)	1.010,433	3"	87 - 92	150	25	-
ABRIA4110	110 (M8+M10)	1.191,347	-	106 - 112	150	25	-
ABRIA4115	115 (M8+M10)	1.238,547	4"	114 - 119	150	25	-
ABRIA4125	125 (M8+M10)	1.312,093	4 1/2"	124 - 131	150	25	-
ABRIA4140	140 (M8+M10)	1.422,880	5"	133 - 140	150	25	-
ABRIA4160	160 (M8+M10)	1.630,030	6"	159 - 163	150	25	-

AB-RI A4

A4 Stainless steel



02 Technical info. P. 221



M8 + M10



ADVANTAGES

- Screw with plastic washer to avoid its lost
- Nut M8/M10
- Reinforced

APPLICATION EXAMPLES



AB-RI DES

Reinforced isophonic sliding pipe clamp M8+M10



CODE	SIZE	€/100	Icon	
ABRID016	16	196,230	150	
ABRID020	20	204,403	100	
ABRID025	25	216,667	100	
ABRID032	32	237,110	100	
ABRID040	40	257,547	50	
ABRID050	50	329,090	50	
ABRID063	63	412,893	50	
ABRID075	75	470,127	50	
ABRID090	90	519,183	50	
ABRID110	110	674,533	25	
ABRID125	125	817,613	25	
ABRID140	140	866,670	20	
ABRID160	160	1.001,577	20	

ADVANTAGES

Side opening
Harder rubber to allow a sliding movement in piping
Plastic discs to adjust to the appropriate diameter of reinforced piping

PA-EX

Expansion guide



CODE	SIZE	€/100	Icon	
PAEXM08	M8 x 180	3.408,673	50	-
PAEXM10	M10 x 180	3.408,673	50	-

CO-AR

Articulated hanger



CODE	SIZE	€/100	Icon	
COAR08060	M8 x 60	234,460	50	300
COAR10060	M10 x 60	360,707	50	300

AB-ICP

Reinforced isophonic pipe clamp for heavy duty



CODE	SIZE	€/100	Ø(D)(MM)	Icon
ABICP060	60 (M8+M10)	867,593	60 - 64	25
ABICP075	75 (M10+M12)	1.060,390	75 - 80	25
ABICP090	90 (M10+M12)	1.156,787	87 - 92	25
ABICP110	110 (M10+M12)	1.325,487	107 - 112	25
ABICP140	140 (M12+M16)	2.313,580	138 - 142	25
ABICP160	160 (M12+M16)	2.747,373	159 - 166	25
ABICP220	220 (M12+M16)	3.614,967	215 - 226	10
ABICP270	270 (M12+M16)	4.529,250	268 - 274	10
ABICP315	315 (M12+M16)	5.136,263	314 - 319	10

ADVANTAGES

Reinforced
With sleeves available from M8 to M16 depending on the diameter
Thickness of 3-4 mm

Thermal insulation pipe clamp

AB-AIS



CODE	SIZE	€/100	THICKNESS	
ABAIS13010	Ø10	797,173	13	50
ABAIS13012	Ø12	817,613	13	50
ABAIS13015	Ø15	838,053	13	50
ABAIS13018	Ø18	899,377	13	50
ABAIS13022	Ø22	960,697	13	50
ABAIS13028	Ø28	1.001,577	13	50

AB-AIS 13

13 mm



CODE	SIZE	€/100	THICKNESS	
ABAIS19010	Ø10	981,137	19	50
ABAIS19012	Ø12	1.001,577	19	50
ABAIS19015	Ø15	1.062,900	19	50
ABAIS19017	Ø17	1.062,900	19	50
ABAIS19018	Ø18	1.083,337	19	50
ABAIS19022	Ø22	1.103,777	19	50
ABAIS19028	Ø28	1.185,540	19	50
ABAIS19035	Ø35	1.267,300	19	50
ABAIS19042	Ø42	1.369,503	19	25
ABAIS19054	Ø54	1.553,470	19	25
ABAIS19060	Ø60	1.716,990	19	25
ABAIS19064	Ø64	1.880,513	19	25
ABAIS19067	Ø67	2.003,157	19	25
ABAIS19076	Ø76	2.146,237	19	25
ABAIS19080	Ø80	2.248,437	19	25
ABAIS19114	Ø114	3.066,050	19	10

AB-AIS 19

19 mm



ADVANTAGES

- Lateral screws with plastic washer to avoid leakage
- Suitable for avoiding thermal bridges and condensation in piping
- Easy and quick to assemble



CODE	SIZE	€/100	THICKNESS	
ABAIS30027	Ø27	1.492,147	30	50
ABAIS30034	Ø34	1.614,787	30	50
ABAIS30042	Ø42	1.716,990	30	25
ABAIS30049	Ø49	1.778,310	30	25
ABAIS30054	Ø54	2.146,237	30	25
ABAIS30060	Ø60	2.187,120	30	25
ABAIS30076	Ø76	2.289,320	30	25
ABAIS30089	Ø89	2.432,400	30	25
ABAIS30108	Ø108	3.372,657	30	10
ABAIS30114	Ø114	3.474,860	30	10

AB-AIS 30

30 mm



CODE	SIZE	€/100	THICKNESS	
ABAIS40049	Ø49	2.227,997	40	25
ABAIS40060	Ø60	2.616,363	40	25
ABAIS40089	Ø89	3.147,813	40	25
ABAIS40114	Ø114	4.905,683	40	10
ABAIS40133	Ø133	5.294,053	40	10
ABAIS40140	Ø140	5.723,297	40	10
ABAIS40159	Ø159	6.540,913	40	10
ABAIS40168	Ø168	6.949,720	40	10
ABAIS40219	Ø219	8.380,543	40	5

AB-AIS 40

40 mm



AB-GA

Pipe clamp for gas M8 + M10 yellow coated



02 Technical info P. 222



According to
UNE-EN ISO 4892

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGA018	18 (M8)	102,813	3/8"	15 - 18	200	50	300
ABGA022	22 (M8)	108,380	1/2"	20 - 24	200	50	200
ABGA028	28 (M8)	115,230	3/4"	26 - 30	200	50	150
ABGA035	35 (M8)	123,540	1"	32 - 36	200	50	100
ABGA040	40 (M8)	129,953	1 1/4"	38 - 42	200	50	100
ABGA048	48 (M8)	136,523	1 1/2"	47 - 50	200	50	100
ABGA054	54 (M8)	145,377	-	52 - 56	200	25	75
ABGA060	60 (M8/M10)	155,553	2"	60 - 64	200	25	75
ABGA075	75 (M8/M10)	185,890	2 1/2"	75 - 80	200	25	50
ABGA090	90 (M8/M10)	196,443	3"	85 - 90	200	25	-
ABGA100	100 (M8/M10)	215,857	3 1/2"	99 - 105	200	25	-
ABGA110	110 (M8/M10)	244,457	-	107 - 112	200	25	-
ABGA115	115 (M8/M10)	247,777	4"	113 - 118	200	25	-
ABGA140	140 (M8/M10)	290,790	5"	138 - 142	200	25	-
ABGA160	160 (M8/M10)	306,830	6"	159 - 166	200	25	-

ADVANTAGES

Screw with plastic washer to avoid its lost

Reinforced



CODE	SIZE	€/BAG	PCS.	BAGS
LSABGAT022	22	5,126	2	6
LSABGAT028	28	5,233	2	6
LSABGAT035	35	5,148	2	6
LSABGAT040	40	5,541	2	6
LSABGAT048	48	5,438	2	6
LSABGAT060	60	5,817	2	6
LSABGAT075	75	6,232	2	6
LSABGAT090	90	6,827	2	6
LSABGAT110	110	9,232	2	5



APPLICATION EXAMPLES



AB-M8

Drainpipe clamp M8



02 Technical info P. 222



ADVANTAGES

Lateral soldered nuts

M8 Riveted nut

CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD	
ABM8050	50 (M8)	150,260	49 - 54	100	100
ABM8063	63 (M8)	147,580	60 - 65	100	100
ABM8075	75 (M8)	158,830	75 - 80	100	100
ABM8090	90 (M8)	169,857	88 - 92	100	100
ABM8110	110 (M8)	187,827	108 - 113	100	100
ABM8125	125 (M8)	197,013	124 - 130	100	100
ABM8160	160 (M8)	244,303	159 - 165	100	100
ABM8200	200 (M8)	290,057	199 - 203	100	100
ABM8250	250 (M8)	370,703	249 - 254	100	50
ABM8315	315 (M8)	803,800	314 - 319	100	50



CODE	SIZE	€/BAG	PCS.	BAGS
LSABM8090	90	4,056	2	6
LSABM8110	110	4,233	2	6
LSABM8125	125	2,893	1	8
LSABM8160	160	3,722	1	4

Recessed drainpipe clamp

AB-DE



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD	
ABDE075	75	215,537	75 - 80	200	100
ABDE090	90	233,353	87 - 92	200	100
ABDE110	110	281,963	107 - 112	200	100
ABDE125	125	317,617	125 - 130	200	50

AB-DE Z

Zinc-plated



02 Technical info. P. 223



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD	
ABDE160	160	369,470	159 - 166	200	50
ABDE200	200	444,013	199 - 212	200	50
ABDE250	250	713,013	245 - 254	200	25
ABDE315	315	894,513	314 - 319	200	25

AB-DE G

ATLANTIS C2-L coating



02 Technical info. P. 223

APPLICATION EXAMPLES



ADVANTAGES

- Designed to use in plant construction
- Loose nuts, to ease assembly
- Reinforced (2,5 mm)

REINFORCED



Drainpipe clamp with hole

AB-DP



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD	
ABDP075	75	246,317	75 - 80	200	100
ABDP090	90	269,003	87 - 92	200	100
ABDP110	110	294,277	107 - 112	200	100
ABDP125	125	330,580	125 - 130	200	50

AB-DP Z

Zinc-plated



02 Technical info. P. 223



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD	
ABDP160	160	395,397	159 - 166	200	50
ABDP200	200	466,700	199 - 212	200	25
ABDP250	250	648,200	245 - 254	200	25

AB-DP G

ATLANTIS C2-L coating



02 Technical info. P. 223

APPLICATION EXAMPLES



ADVANTAGES

- Designed to use in plant construction
- Loose nuts, to ease assembly
- Reinforced

REINFORCED



AB-ZI

U-bolt

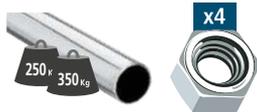


AB-ZI

Zinc-plated



02
P. 224
Technical
info.



ADVANTAGES

Size M6 - M8 - M10
Assembled with 4 nuts
Fast and resistant fixing

CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUN LOAD		
AZIM060250	M6 1/4"	28,983	1/4"	250	100	800
AZIM060375	M6 3/8"	29,997	3/8"	250	100	1.200
AZIM060500	M6 1/2"	34,423	1/2"	250	100	600
AZIM060750	M6 3/4"	40,737	3/4"	250	100	600
AZIM061000	M6 1"	43,750	1"	250	100	400
AZIM061250	M6 1 1/4"	58,523	1 1/4"	250	50	300
AZIM081500	M8 1 1/2"	90,850	1 1/2"	350	50	150
AZIM082000	M8 2"	103,557	2"	350	50	150
AZIM082250	M8 2 1/4"	120,603	2 1/4"	350	50	100
AZIM082500	M8 2 1/2"	127,087	2 1/2"	350	50	100
AZIM083000	M8 3"	136,270	3"	350	50	100
AZIM083500	M8 3 1/2"	162,327	3 1/2"	350	50	100
AZIM084000	M8 4"	200,350	4"	350	50	100
AZIM084500	M8 4 1/2"	211,897	4 1/2"	350	25	100
AZIM085000	M8 5"	219,310	5"	350	25	100
AZIM086000	M8 6"	249,333	6"	350	25	100
AZIM103000	M10 3"	186,747	3"	350	25	50
AZIM103500	M10 3 1/2"	214,407	3 1/2"	350	25	50
AZIM104000	M10 4"	240,840	4"	350	25	100
AZIM105000	M10 5"	267,033	5"	350	25	100
AZIM106000	M10 6"	308,883	6"	350	25	100
AZIM108000	M10 8"	351,467	8"	350	25	100

AB-ZI A2

A2 Stainless steel



CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUN LOAD		
AZA2060500	M6 1/2"	105,883	1/2"	250	100	600
AZA2060750	M6 3/4"	123,093	3/4"	250	100	600
AZA2061000	M6 1"	151,650	1"	250	100	400
AZA2061250	M6 1 1/4"	179,560	1 1/4"	250	50	300
AZA2081500	M8 1 1/2"	312,037	1 1/2"	350	50	150
AZA2082000	M8 2"	362,937	2"	350	50	150
AZA2082500	M8 2 1/2"	408,927	2 1/2"	350	50	100
AZA2083000	M8 3"	444,473	3"	350	50	100
AZA2104000	M10 4"	904,320	4"	350	50	-
AZA2106000	M10 6"	1.166,313	6"	350	25	-
AZA2108000	M10 8"	1.395,300	8"	350	25	-

U-bolt support

AB-SA



CODE	SIZE	€/100	LENGTH	
ABSA050100	50 x 100	491,121	100	50
ABSA050125	50 x 125	532,261	125	50
ABSA050200	50 x 200	650,676	200	25
ABSA050300	50 x 300	786,859	300	25
ABSA050400	50 x 400	961,330	400	25
ABSA050500	50 x 500	1.404,436	500	10
ABSA050600	50 x 600	1.541,632	600	10
ABSA100100	100 x 100	652,425	100	25
ABSA100125	100 x 125	699,904	125	25
ABSA100200	100 x 200	827,277	200	25
ABSA100300	100 x 300	1.049,165	300	10
ABSA100400	100 x 400	1.403,332	400	10
ABSA100500	100 x 500	1.834,349	500	10



ADVANTAGES
5 and 6 mm. thickness
U-bolt M8 - DIN9021 washer
U-bolt M10 - DIN125 & 9021 washers
Height 50 & 100 mm.

Heavy duty pipe clamp

AB-GP



CODE	SIZE	€/100	ØD(MM)		
AGP023025	23-25	158,223	23 - 25	50	300
AGP026028	26-28	164,517	26 - 28	50	300
AGP029031	29-31	197,710	29 - 31	50	200
AGP032035	32-35	203,113	32 - 35	50	150
AGP036039	36-39	204,470	36 - 39	50	150
AGP040043	40-43	216,623	40 - 43	50	100
AGP044047	44-47	283,990	44 - 47	50	-
AGP048051	48-51	296,437	48 - 51	25	75
AGP052055	52-55	302,983	52 - 55	25	75
AGP056059	56-59	310,183	56 - 59	25	75
AGP060063	60-63	323,287	60 - 63	25	50
AGP064067	64-67	354,267	64 - 67	25	50
AGP068073	68-73	436,403	68 - 73	25	-
AGP074079	74-79	441,807	74 - 79	25	-
AGP080085	80-85	446,400	80 - 85	25	-
AGP086091	86-91	454,863	86 - 91	25	-
AGP092097	92-97	476,937	92 - 97	25	-
AGP098103	98-103	481,883	98 - 103	25	-
AGP104112	104-112	523,323	104 - 112	25	-
AGP113121	113-121	558,900	113 - 121	25	-
AGP122130	122-130	599,883	122 - 130	25	-
AGP131139	131-139	748,500	131 - 139	25	-
AGP140148	140-148	764,710	140 - 148	25	-
AGP149161	149-161	810,207	149 - 161	25	-
AGP162174	162-174	845,777	162 - 174	25	-



APPLICATION EXAMPLES



ADVANTAGES
Rounded band to avoid damaging the pipe
High torque capacity
8.8 quality screw

Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZAGP023025	23-25	4,622	2	10
BZAGP029031	29-31	4,622	2	10
BZAGP040043	40-43	4,622	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. 50

	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. 53

	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. 51

	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. 53

	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. 52

	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. 52

	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. 54

	Ø 12 - Ø 50	70		0,8 - 1	11	-	Embed M7	-	✓	✓	-	-
--	-------------	----	---	---------	----	---	----------	---	---	---	---	---

AB-7ID Z APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 54

	Ø 10 - Ø 28	70		0,8 - 1	11	-	Embed M7	-	✓	✓	✓	-
--	-------------	----	---	---------	----	---	----------	---	---	---	---	---

AB-PI APPLICATIONS: Sanitation, Electric P. 55

	Ø 6 - Ø 63	30		1,1 - 1,3	12,5 - 19	-	-	-	-	-	-	-
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AB-PU APPLICATIONS: Sanitation, Electric P. 55

	Ø 16 - Ø 63	30		1,2 - 1,4	12 - 20	-	-	-	-	-	-	-
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	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE	PARALLEL ASSEMBLING	SCREW
AB-GM	APPLICATIONS: Gas									P. 60		
	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. 61		
	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. 61		
	Ø 12 - Ø 28	100		1 - 1,2	12	-	Embed M6	According to EN ISO 4892	-	-		Pre-assembled
AB-CR	APPLICATIONS: Sanitation									P. 59		
	Ø 10 - Ø 12	70		1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
AB-ITS										P. 59		
	15 - 28	-		1,0 - 1,2	20 - 33	-	-	-	-	-	-	-
AB-ITD										P. 59		
	15 - 22	-		1,0	20 - 27	-	-	-	-	-	-	-
AB-BU	APPLICATIONS: Sanitation, Industrial									P. 60		
	Ø 13 - Ø 21	-		0,6	9	-	-	-	-	-	-	Pre-assembled
AB-SF	APPLICATIONS: Sanitation, Industrial									P. 57		
	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. 56		
	-	-		1,5	20	-	-	-			-	ABT006015
AB-SI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 56		
	3 / 25 Holes	-		3	20	-	-	-				ABT006015

AB-M6

Pipe clamp M6



AB-M6

Yellow zinc-plated



02 Technical info
P. 225

LATERAL OPENING



ADVANTAGES

- Fast installation
- Lateral opening
- Encased M6 bolt

CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)	MAXIMUM LOAD		
ABM6008	8 (M6)	19,570	-	8	70	100	1.200
ABM6010	10 (M6)	20,263	1/8"	10	70	100	1.200
ABM6012	12 (M6)	20,020	-	12	70	100	1.200
ABM6014	14 (M6)	20,717	1/4"	14	70	100	1.200
ABM6015	15 (M6)	20,720	-	15	70	100	600
ABM6016	16 (M6)	21,307	-	16	70	100	600
ABM6018	18 (M6)	21,823	3/8"	18	70	100	600
ABM6020	20 (M6)	22,150	-	20	70	100	600
ABM6022	22 (M6)	23,153	1/2"	22	70	100	600
ABM6025	25 (M6)	24,320	-	25	70	100	600
ABM6026	26 (M6)	25,580	3/4"	26	70	100	400
ABM6028	28 (M6)	26,197	-	28	70	100	400
ABM6032	32 (M6)	29,010	1"	32	70	50	300
ABM6035	35 (M6)	32,607	-	35	70	50	300
ABM6037	37 (M6)	34,380	-	37	100	50	300
ABM6040	40 (M6)	37,340	-	40	100	50	300
ABM6042	42 (M6)	38,727	1 1/4"	42	100	50	300
ABM6047	47 (M6)	42,110	1 1/2"	47	100	50	200
ABM6050	50 (M6)	42,280	-	50	100	50	150
ABM6054	54 (M6)	49,160	-	54	100	50	150
ABM6060	60 (M6)	53,803	2"	60	100	50	150
ABM6063	63 (M6)	56,817	-	63	100	50	100



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABM6012	12	6,190	20	5
LSABM6014	14	6,309	20	5
LSABM6016	16	6,423	20	5
LSABM6018	18	5,361	15	6
LSABM6022	22	4,476	10	6
LSABM6028	28	3,266	6	6
LSABM6032	32	2,902	4	6
LSABM6040	40	3,330	4	5

AB-M6 Z

Zinc-plated



02 Technical info
P. 225

LATERAL OPENING



ADVANTAGES

- Fast installation
- Lateral opening
- Encased M6 bolt

CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)	MAXIMUM LOAD		
ABMZ6008	8 (M6)	19,570	-	8	70	100	1.200
ABMZ6010	10 (M6)	20,263	1/8"	10	70	100	1.200
ABMZ6012	12 (M6)	20,020	-	12	70	100	1.200
ABMZ6014	14 (M6)	20,717	1/4"	14	70	100	1.200
ABMZ6015	15 (M6)	21,107	-	15	70	100	600
ABMZ6016	16 (M6)	21,307	-	16	70	100	600
ABMZ6018	18 (M6)	21,823	3/8"	18	70	100	600
ABMZ6020	20 (M6)	22,150	-	20	70	100	600
ABMZ6022	22 (M6)	23,153	1/2"	22	70	100	600
ABMZ6025	25 (M6)	24,320	-	25	70	100	600
ABMZ6026	26 (M6)	25,580	3/4"	26	70	100	400
ABMZ6028	28 (M6)	26,197	-	28	70	100	400
ABMZ6032	32 (M6)	29,010	1"	32	70	50	300
ABMZ6035	35 (M6)	32,607	-	35	70	50	300
ABMZ6037	37 (M6)	35,027	-	37	100	50	300
ABMZ6040	40 (M6)	37,340	-	40	100	50	300
ABMZ6042	42 (M6)	38,727	1 1/4"	42	100	50	300
ABMZ6047	47 (M6)	42,110	1 1/2"	47	100	50	200
ABMZ6050	50 (M6)	42,280	-	50	100	50	150
ABMZ6054	54 (M6)	49,160	-	54	100	50	150
ABMZ6060	60 (M6)	53,803	2"	60	100	50	150
ABMZ6063	63 (M6)	56,817	-	63	100	50	100

Pipe clamp M6

AB-M6

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABM6A2012	12 (M6)	198,680	1/4"	12	70	100	1.200
ABM6A2015	15 (M6)	202,270	-	14 - 15	70	100	600
ABM6A2018	18 (M6)	205,860	3/8"	16 - 18	70	100	600
ABM6A2020	20 (M6)	209,980	1/2"	19 - 21	70	100	600
ABM6A2022	22 (M6)	212,633	-	22 - 24	70	100	600
ABM6A2028	28 (M6)	224,573	3/4"	25 - 30	70	100	400

AB-M6 A2

A2 Stainless steel



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ADVANTAGES
M6 soldered nut
Thickness 1,5 mm.

Double pipe clamp M6

AB-D6



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABD6012	12 (M6)	31,177	-	12	100	50	600
ABD6015	15 (M6)	33,967	-	15	100	50	300
ABD6018	18 (M6)	37,313	3/8"	18	100	50	300
ABD6022	22 (M6)	42,313	1/2"	22	100	50	300
ABD6028	28 (M6)	49,600	-	28	100	50	200

AB-D6

Yellow zinc-plated



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ADVANTAGES
For parallel assemblies
Encased M6 bolt

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABD6012	12	3,404	5	6
LSABD6015	15	3,515	5	6
LSABD6018	18	3,616	5	6
LSABD6022	22	3,515	4	6
LSABD6028	28	4,321	4	6



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABDZ6012	12 (M6)	31,177	-	12	100	50	600
ABDZ6015	15 (M6)	33,967	-	15	100	50	300
ABDZ6018	18 (M6)	37,313	3/8"	18	100	50	300
ABDZ6022	22 (M6)	42,313	1/2"	22	100	50	300
ABDZ6028	28 (M6)	49,600	-	28	100	50	200

AB-D6 Z

Zinc-plated



02 Technical info P. 226

ADVANTAGES
For parallel assemblies
Encased M6 bolt

APPLICATION EXAMPLES



AB-6I

Isophonic pipe clamp M6



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LATERAL OPENING



ADVANTAGES

- Fast installation
- Encased M6 bolt
- TBC compliant



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
AB6I012	12 (M6)	30,567	1/8"	12	70	100	600
AB6I015	15 (M6)	31,420	1/4"	15	70	100	600
AB6I016	16 (M6)	32,813	-	16	70	100	600
AB6I018	18 (M6)	33,100	3/8"	18	70	100	600
AB6I022	22 (M6)	37,663	1/2"	22	70	100	400
AB6I026	26 (M6)	42,690	-	26	70	100	400
AB6I028	28 (M6)	44,413	3/4"	28	70	100	300
AB6I032	32 (M6)	46,503	-	32	70	50	200
AB6I035	35 (M6)	52,437	1"	35	70	50	200
AB6I042	42 (M6)	64,830	1 1/4"	42	100	50	150
AB6I048	48 (M6)	73,393	1 1/2"	48	100	50	100
AB6I054	54 (M6)	86,683	-	54	100	50	100
AB6I060	60 (M6)	92,080	2"	60	100	50	100



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSAB6I012	12	5,038	10	6
LSAB6I015	15	5,297	10	5
LSAB6I016	16	5,327	10	6
LSAB6I018	18	4,314	8	6
LSAB6I022	22	3,936	6	6
LSAB6I028	28	3,448	4	6

AB-DI

Double isophonic pipe clamp M6



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ADVANTAGES

- For parallel assemblings
- Encased M6 bolt
- TBC compliant



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABDI0012	12 (M6)	54,810	1/8"	12	100	50	300
ABDI0015	15 (M6)	65,373	1/4"	15	100	50	300
ABDI0018	18 (M6)	71,337	3/8"	18	100	50	200
ABDI0022	22 (M6)	82,167	1/2"	22	100	50	200
ABDI0028	28 (M6)	107,233	3/4"	28	100	50	150



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABDI0012	12	3,970	5	6
LSABDI0015	15	4,194	5	6
LSABDI0018	18	3,414	3	6
LSABDI0022	22	3,565	3	6

Pipe clamp M7. Zinc plated.

AB-M7 Z



CODE	SIZE	€/100	ØD(MM)		
ABMZ7008	8	19,570	8	100	1.200
ABMZ7010	10	20,263	10	100	1.200
ABMZ7012	12	20,020	12	100	1.200
ABMZ7014	14	20,717	14	100	1.200
ABMZ7016	16	21,307	16	100	1.200
ABMZ7018	18	21,823	18	100	1.200
ABMZ7020	20	22,150	20	100	1.200
ABMZ7022	22	23,153	22	100	600
ABMZ7024	24	23,627	24	100	600
ABMZ7025	25	24,320	25	100	600
ABMZ7026	26	25,580	26	100	600
ABMZ7028	28	26,197	28	100	600
ABMZ7032	32	29,010	32	50	600
ABMZ7034	34	32,260	34	50	300
ABMZ7036	36	34,380	36	50	300
ABMZ7038	38	34,323	38	50	300
ABMZ7040	40	37,340	40	50	300
ABMZ7050	50	42,280	50	50	200
ABMZ7063	63	56,817	63	25	150



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ADVANTAGES
Fast installation
Lateral opening
Encased M7 bolt

Double pipe clamp M7. Zinc plated.

AB-D7 Z



CODE	SIZE	€/100	ØD(MM)		
ABDZ70810	8-10	31,750	8-10	50	600
ABDZ71012	10-12	31,177	10-12	50	600
ABDZ71214	12-14	34,647	12-14	50	600
ABDZ71416	14-16	33,967	14-16	50	600
ABDZ71618	16-18	37,313	16-18	50	600
ABDZ71820	18-20	42,313	18-20	50	300
ABDZ72022	20-22	49,600	20-22	50	300
ABDZ72224	22-24	51,220	22-24	50	300
ABDZ72628	26-28	53,823	26-28	50	300



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ADVANTAGES
For parallel assemblings
Encased M7 bolt

AB-7I Z

Isophonic pipe clamp M7. Zinc plated.



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info.
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ADVANTAGES
Fast installation
Encased M7 bolt
TBC compliant



CODE	SIZE	€/100	ØD(MM)		
AB7IZ010	10	29,130	10	100	1.200
AB7IZ012	12	30,567	12	100	1.200
AB7IZ014	14	31,420	14	100	1.200
AB7IZ016	16	32,813	16	100	1.200
AB7IZ018	18	33,100	18	100	600
AB7IZ020	20	35,713	20	100	600
AB7IZ022	22	37,663	22	100	600
AB7IZ024	24	38,880	24	100	600
AB7IZ026	26	42,690	26	100	600
AB7IZ028	28	44,413	28	100	400
AB7IZ032	32	46,503	32	50	300
AB7IZ034	34	50,100	34	50	300
AB7IZ036	36	52,437	36	50	300
AB7IZ038	38	52,730	38	50	300
AB7IZ040	40	58,563	40	50	300
AB7IZ050	50	61,060	50	50	200

AB-7ID Z

Double isophonic pipe clamp M7. Zinc plated.



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info.
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ADVANTAGES
Fast installation
Encased M7 bolt
TBC compliant



CODE	SIZE	€/100	ØD(MM)		
AB7IDZ0810	08-10	51,247	08-10	50	600
AB7IDZ1012	10-12	54,810	10-12	50	600
AB7IDZ1214	12-14	56,560	12-14	50	600
AB7IDZ1416	14-16	65,373	14-16	50	300
AB7IDZ1618	16-18	71,337	16-18	50	300
AB7IDZ1820	18-20	72,320	18-20	50	300
AB7IDZ2022	20-22	82,167	20-22	50	300
AB7IDZ2224	22-24	86,990	22-24	50	200
AB7IDZ2628	26-28	107,233	26-28	50	200

Conduit clip with single hole

AB-PI



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABPI006	6	6,293	-	6	30	100	2.400
ABPI008	8	6,730	-	8	30	100	2.400
ABPI010	10	7,477	1/8"	10	30	100	2.400
ABPI012	12	7,890	1/4"	12	30	100	2.400
ABPI014	14	9,907	-	14	30	100	2.400
ABPI016	16	12,123	3/8"	16	30	100	1.200
ABPI018	18	13,160	-	18	30	100	1.200
ABPI020	20	15,640	1/2"	20	30	100	1.200
ABPI022	22	17,097	-	22	30	100	600
ABPI025	25	19,067	-	25	30	100	600
ABPI026	26	19,723	3/4"	26	30	100	600
ABPI028	28	20,710	-	28	30	100	600
ABPI032	32	28,290	1"	32	30	100	600
ABPI040	40	38,780	-	40	30	50	300
ABPI042	42	45,723	1 1/4"	42	30	50	300
ABPI047	47	47,650	1 1/2"	47	30	50	200
ABPI050	50	49,287	-	50	30	50	200
ABPI063	63	73,883	2"	63	30	50	200



Blister



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZABPI016	16	2,029	2	15
BZABPI018	18	2,029	2	12
BZABPI020	20	2,029	2	10
BZABPI022	22	2,029	2	10
BZABPI025	25	2,029	2	10
BZABPI028	28	2,029	2	10
BZABPI032	32	2,029	2	10

CODE	SIZE	€/BAG	PCS.	BAGS
LSABPI016	16	4,658	20	5
LSABPI018	18	4,789	20	5
LSABPI020	20	4,977	20	5
LSABPI022	22	5,449	20	5
LSABPI025	25	4,985	15	5
LSABPI028	28	4,214	10	6
LSABPI032	32	3,491	6	6
LSABPI040	40	3,310	4	6



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APPLICATION EXAMPLES



- ADVANTAGES**
- Reinforced
 - Fast fixing
 - Single fixing point

Bridge conduit clip with double hole

AB-PU



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABPU016	16	15,267	3/8"	16	75	100	1.200
ABPU018	18	15,993	-	18	75	100	1.200
ABPU020	20	16,173	1/2"	20	75	100	600
ABPU022	22	19,520	-	22	75	100	600
ABPU025	25	20,573	-	25	75	100	600
ABPU028	28	22,223	-	28	75	100	600
ABPU032	32	25,153	1"	32	75	50	300
ABPU037	37	30,093	-	37	75	50	300
ABPU040	40	35,243	-	40	75	50	300
ABPU050	50	45,920	-	50	75	50	200
ABPU063	63	62,260	2"	63	75	50	150



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABPU016	16	5,072	20	5
LSABPU018	18	5,362	20	5
LSABPU020	20	5,451	20	5
LSABPU022	22	6,173	20	5
LSABPU025	25	5,420	15	5
LSABPU028	28	4,510	10	6
LSABPU032	32	3,321	6	6
LSABPU037	37	2,981	4	6
LSABPU040	40	3,023	4	6
LSABPU050	50	3,405	4	6
LSABPU063	63	3,703	4	6



02 Technical info P. 230



APPLICATION EXAMPLES



- ADVANTAGES**
- Reinforced
 - Fast fixing
 - Two fixing points

AB-IP

Isophonic bridge conduit clip



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CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	HOLE NUM		
ABIP015	15	59,943	-	15	3	50	600
ABIP018	18	66,050	3/8"	18	3	50	300
ABIP022	22	72,473	1/2"	22	3	50	300
ABIP026	26	84,703	3/4"	26	4	50	300
ABIP028	28	90,553	-	28	4	50	300
ABIP035	35	102,987	1"	35	4	50	150
ABIP042	42	112,023	1 1/4"	42	4	25	100
ABIP048	48	121,063	1 1/2"	48	4	25	100
ABIP054	54	134,667	-	54	5	25	100
ABIP060	60	151,663	2"	60	5	25	75
ABIP067	67	168,673	-	67	5	25	75
ABIP075	75	179,943	2 1/2"	75	6	25	75
ABIP090	90	212,657	3"	90	6	25	75

AB-SI

Fixing plate for Isophonic bridge conduit clip



AB-SI

Fixing plate for Isophonic bridge conduit clip



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CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN

CODE	SIZE	€/100	METRIC DRILL	HOLE NUM	
ABSI003	3	203,633	M6	25	-
ABSI004	4	237,047	M6	25	-
ABSI005	5	272,483	M6	25	150
ABSI006	6	306,817	M6	25	-
ABSI007	7	343,273	M6	25	-
ABSI008	8	376,910	M6	25	-
ABSI009	9	410,773	M6	25	-
ABSI010	10	430,530	M6	25	-
ABSI011	11	470,753	M6	25	-
ABSI012	12	505,973	M6	25	-
ABSI013	13	538,987	M6	25	-
ABSI014	14	566,570	M6	25	-
ABSI015	15	602,243	M6	25	-
ABSI016	16	636,150	M6	10	-
ABSI017	17	684,683	M6	10	-
ABSI018	18	743,453	M6	10	-
ABSI019	19	752,150	M6	10	-
ABSI020	20	810,883	M6	10	-
ABSI021	21	819,500	M6	10	-
ABSI022	22	854,737	M6	10	-
ABSI025	25	1.008,880	M6	10	-

ADVANTAGES

For parallel assemblings
Fast and easy installation
TBC compliant

AB-TO

Screw for AB-IP



CODE	SIZE	€/100	
ABT006015	M6 x 15	9,090	100

APPLICATION EXAMPLES



Hose clamp

AB-SF



CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)		
ASF008016	8-16	31,963	5/16"- 5/8"	8-16	100	1,200
ASF012022	12-22	32,983	1/2"- 7/8"	12-22	100	600
ASF016027	16-27	34,727	5/8"- 1 1/16"	16 - 27	100	600
ASF020032	20-32	38,940	3/4"- 1 1/4"	20 - 32	100	600
ASF025040	25-40	45,430	1"- 1 5/8"	25 - 40	100	400
ASF030045	30-45	50,717	1 3/16"- 1 3/4"	30 - 45	100	300
ASF035050	35-50	51,013	1 3/8"- 2"	35 - 50	100	200
ASF040060	40-60	59,080	1 5/8"- 2 3/8"	40 - 60	100	200
ASF050070	50-70	65,503	2"- 2 3/4"	50 - 70	50	100
ASF060080	60-80	68,673	2 3/8"- 3 1/8"	60 - 80	50	100
ASF070090	70-90	75,717	2 3/4"- 3 1/2"	70 - 90	50	-
ASF080100	80-100	81,763	3 1/8"- 4"	80 - 100	50	-
ASF090110	90-110	90,667	3 1/2"- 4 3/8"	90 - 110	50	-
ASF100120	100-120	99,507	4"- 4 3/4"	100 - 120	25	-
ASF110130	110-130	102,357	4 3/8"- 5 1/8"	110 - 130	25	-
ASF120140	120-140	108,950	4 3/4"- 5 1/2"	120 - 140	25	-
ASF130150	130-150	112,707	5 1/8"- 5 7/8"	130 - 150	25	-



Blister



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
BZASF008016	8-16	2,565	2	20
BZASF012022	12-22	2,565	2	20
BZASF016027	16-27	2,565	2	20
BZASF020032	20-32	2,565	2	10
BZASF025040	25-40	2,565	2	10

CODE	SIZE	€/BAG	PCS. 	BAGS
LSASF008016	8-16	7,246	15	7
LSASF012022	12-22	6,336	12	7
LSASF016027	16-27	6,493	12	7
LSASF020032	20-32	6,171	10	7
LSASF025040	25-40	4,300	6	7
LSASF030045	30-45	4,742	6	7
LSASF035050	35-50	4,783	6	7
LSASF040060	40-60	3,925	4	7
LSASF050070	50-70	4,195	4	7

AB-SF

Zinc-plated



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For several Ø



APPLICATION EXAMPLES



STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES		
ASF2010016	10-16	91,983	-	100	1,200
ASF2012020	12-20	94,273	1/2"- 7/8"	100	600
ASF2016027	16-27	98,337	5/8"- 1 1/16"	100	600
ASF2020032	20-32	110,910	3/4"- 1 1/4"	100	600
ASF2025040	25-40	121,187	1"- 1 5/8"	100	200
ASF2032050	32-50	168,677	1 3/8"- 2"	100	300
ASF2040060	40-60	179,097	1 5/8"- 2 3/8"	100	200
ASF2050070	50-70	186,910	2"- 2 3/4"	50	100
ASF2060080	60-80	196,483	2 3/8"- 3 1/8"	50	100
ASF2070090	70-90	206,930	2 3/4"- 3 1/2"	50	100
ASF2080100	80-100	213,867	3 1/8"- 4"	50	100
ASF2090110	90-110	249,403	3 1/2"- 4 3/8"	50	50
ASF2100120	100-120	259,197	4"- 4 3/4"	25	25
ASF2110130	110-130	268,960	4 3/8"- 5 1/8"	25	25
ASF2120140	120-140	282,660	4 3/4"- 5 1/2"	25	25
ASF2130150	130-150	293,423	5 1/8"- 5 7/8"	25	25

AB-SF A2

A2 Stainless steel



02 Technical info. P. 232



For several Ø



ADVANTAGES

Stainless Steel A2 screw, band and housing

For several pipe Ø

Medium torque capacity

APPLICATION EXAMPLES



AB-SF IR

Abrazadera sin fin inoxidable en rollo

AB-SF IR

Kit (Roll 3 m. + 8 heads). Stainless steel



CODE	SIZE	€/PC		
ASFIR03	9 x 0,6 mm/ 3 m	1.429,560	1	50

AB-SF IRC

Head. Stainless steel



CODE	SIZE	€/100		
ASFIRCA	Cabezal	102,113	50	1.000

AB-SF IRR

Roll 30 m. Stainless steel



CODE	SIZE	€/PC		
ASFIR30	9 x 0,6 mm/ 30 m	5.105,580	1	10

CI-PE

Fixing band

CI-PE

Round fixing band ATLANTIS C2-M



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CODE	SIZE	€/PC	MIN. ORDER QTY.		
CIPE1208	12 x 0,8 x 10 m	8,370	10	1	40
CIPE1708	17 x 0,8 x 10 m	11,261	10	1	30



CI-PE A2

Round fixing band. A2 Stainless steel



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STAINLESS STEEL



CODE	SIZE	€/PC	MIN. ORDER QTY.		
CIPEA21708	17 x 0,8 x 10 m	40,304	1	1	30



Straight fixing band ATLANTIS C2-M

CI-PR



CODE	SIZE	€/PC	MIN. ORDER QTY.		
CIPR1908	19 x 0,8 x 10 m	12,647	5	1	30
CIPR1208	12 x 0,8 x 10 m	9,109	5	1	40



Chromed pipe clamp M6

AB-CR



CODE	SIZE	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABCR010	10 (M6)	34,563	1/8"	70	100	1.200
ABCR012	12 (M6)	36,417	1/4"	70	100	1.200



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APPLICATION EXAMPLES



Stainless steel clamp Indextube

AB-IT



CODE	SIZE	€/100		
ABITS015	Ø15	122,600	100	600
ABITS018	Ø18	132,847	100	400
ABITS022	Ø22	196,913	100	400
ABITS028	Ø28	264,693	100	300

AB-ITS **NEW**

Simple



CODE	SIZE	€/100		
ABITD015	Ø15	453,273	50	300
ABITD018	Ø18	513,180	50	200
ABITD022	Ø22	201,960	50	100

AB-ITD **NEW**

Double



AB-BU

Butane clamp



CODE	SIZE	€/100	SIZE IN INCHES		
ABBU1315	13 - 15	34,077	1/2" - 9/16"	50	600
ABBU1618	16 - 18	34,077	5/8" - 11/16"	50	600
ABBU1921	19 - 21	46,322	3/4" - 13/16"	50	600

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APPLICATION EXAMPLES



AB-GM

Pipe clamp for gas yellow coated with chipboard screw



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUN LOAD		
ABGM012	12 (M6)	37,060	1/4"	12	70	100	600
ABGM015	15 (M6)	39,316	-	15	70	100	600
ABGM018	18 (M6)	40,391	3/8"	18	70	100	600
ABGM022	22 (M6)	42,653	1/2"	22	70	50	200
ABGM028	28 (M6)	45,039	3/4"	28	70	50	200
ABGM035	35 (M6)	54,260	-	35	70	50	200

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LATERAL OPENING



According to **UNE-EN ISO 4892**

ADVANTAGES

- Lateral opening
- Assembled chipboard screw
- Fast installation

APPLICATION EXAMPLES



Pipe clamp for gas black coated M6 with chipboard screw

AB-GS



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGS010	10 (M6)	36,347	1/8"	10	70	100	600
ABGS012	12 (M6)	36,990	1/4"	12	70	100	600
ABGS015	15 (M6)	37,810	-	15	70	100	600
ABGS018	18 (M6)	38,860	3/8"	18	70	100	600
ABGS022	22 (M6)	42,617	1/2"	22	70	50	200
ABGS028	28 (M6)	44,990	3/4"	28	70	50	200
ABGS035	35 (M6)	52,167	-	35	70	50	200
ABGS042	42 (M6)	57,550	1 1/4"	42	100	25	100
ABGS054	54 (M6)	77,587	-	54	100	25	100



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LATERAL OPENING



According to UNE-EN ISO 4892

ADVANTAGES

- Lateral opening
- Assembled chipboard screw
- For gas pipes



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABGS015	15	6,465	10	6
LSABGS018	18	5,341	8	6
LSABGS022	22	4,854	6	6

Double pipe clamp for gas black coated M6 with chipboard screw

AB-GD



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABGD012	12 (M6)	50,317	-	12	100	50	300
ABGD015	15 (M6)	54,327	-	15	100	50	300
ABGD018	18 (M6)	55,820	3/8"	18	100	50	300
ABGD022	22 (M6)	60,913	1/2"	22	100	50	200
ABGD028	28 (M6)	82,477	-	28	100	50	200



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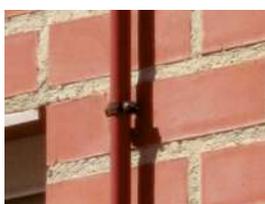


According to UNE-EN ISO 4892

ADVANTAGES

- For parallel assemblings
- Assembled chipboard screw

APPLICATION EXAMPLES





Wipac®
ICE
CE CAT. II
HYPERBALLAST™ IN
TECHNOLOGY
EN 136 EN 511
3232 020
N100
SIZE M/B

FIRE PROTECTION SYSTEMS



AB-PE

Sprinkler pipe clamp



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CODE	SIZE	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABPE028	28 (M10)	97,553	3/4"	154	50	200
ABPE035	35 (M10)	102,313	1"	186	50	200
ABPE040	40 (M10)	119,767	1 1/4"	195	50	200
ABPE048	48 (M10)	120,427	1 1/2"	236	50	200
ABPE060	60 (M10)	136,417	2"	288	50	200
ABPE075	75 (M10)	157,753	2 1/2"	426	25	100
ABPE090	90 (M10)	177,657	3"	481	25	100
ABPE100	100 (M10)	218,937	3 1/2"	569	25	100
ABPE115	115 (M10)	296,180	4"	669	25	100
ABPE140	140 (M12)	527,704	5"	907	10	40
ABPE160	160 (M12)	616,561	6"	1.186	10	40
ABPE220	220 (M12)	1.078,984	8"	1.723	10	40

ADVANTAGES

- FM Assessment
- Without screw
- Fast installation
- Fire fighting installations

APPLICATION EXAMPLES



AB-CH

Clevis hanger clamp



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CODE	ASSESSMENT	SIZE	€/100	ØD(MM)	
ABCH00034	UL	3/4"	296,283	28	50
ABCH01000	UL	1"	312,697	35	50
ABCH01014	UL	1 1/4"	314,647	42	50
ABCH01012	UL	1 1/2"	339,727	48	50
ABCH02000	UL	2"	347,883	60	50
ABCH02012	UL & FM	2 1/2"	633,767	75	30
ABCH03000	UL & FM	3"	653,843	90	25
ABCH04000	UL & FM	4"	1.200,317	115	25
ABCH05000	UL & FM	5"	1.665,253	140	25
ABCH06000	UL & FM	6"	2.356,850	160	10
ABCH08000	UL	8"	3.532,940	220	10
ABCH10000	UL	10"	6.025,677	275	1
ABCH12000	UL	12"	7.998,550	325	1
ABCH14000	-	14"	10.330,123	355	1
ABCH16000	-	16"	14.837,133	405	1

ADVANTAGES

- Flared edges help prevent sharp surfaces from coming into contact with the pipe
- Clevis bottom pivots to allow pipe to be fed from either direction

Fire-rated collar for multiple diameters

AB-CI



CODE	SIZE	€/PC	
ABCIKIT25	2,5 m x 50 mm	484,512	1
ABCIKIT30 NEW	3 m x 50 mm	572,727	1



Ceiling wedge anchor ETA Assessed

AN-CU



CODE	SIZE	€/100	DRILL Ø		
ANCU06040	6 x 40 Ø6	28,713	6	100	1.200
ANCU06070	6 x 70 Ø6	45,007	6	100	1.200





GUTTER SUPPORTS



TE

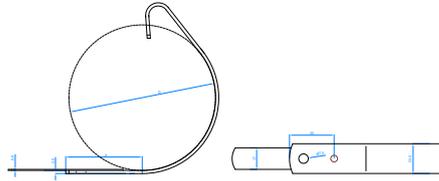
Gutter supports

TE-MO

Module for PVC channel



CODE	D (MM)	A (MM)	€/100	
TEM025	100	60	255,990	50
TEM033	150	80	315,510	50

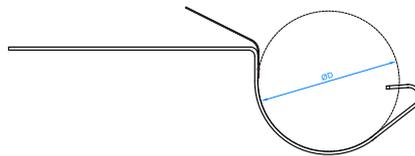


TE-GA

Hook for PVC channel



CODE	D (MM)	€/100	
TEGA25	100	385,920	50
TEGA33	150	403,197	50

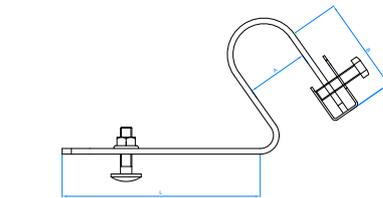


TE-GR

Big tile plate



CODE	A (MM)	B (MM)	L (MM)	€/100	
TEGR2530	35	50	80	250,030	50

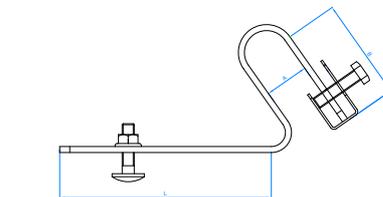


TE-PE

Tile plate



CODE	A (MM)	B (MM)	L (MM)	€/100	
TEPE2530	22	50	100	233,480	50



APPLICATION EXAMPLES





PLASTIC CLAMPS



Nylon® cable ties and their accessories are some of the most highly demanded products in the professional installation world. They are suitable for all types of applications, such as electrical installations, landscaping, industrial cabling, construction, DIY, production lines and photovoltaic installations. The INDEX cable tie range is made up of a wide variety of colours and sizes, detectable cable ties and various accessories. We have UNE-EN 62275 certification (CE mark) and UL approval.



QUALITIES AND ADVANTAGES



FAST AND SIMPLE INSTALLATION

The ergonomic design of the flexible tape makes for smooth and easy threading.



HIGH PERFORMANCE

The design of the head ensures high resistance to traction, guaranteeing strong tensioning. Up to 122.3 kg* of breaking load under EN 50146

*For cable ties that are 12 mm wide.



INNER GEAR RACK

The design of the inner gear rack ensures an optimal tightening of the cable tie without damaging the object being secured.



MAXIMUM QUALITY AND GUARANTEES

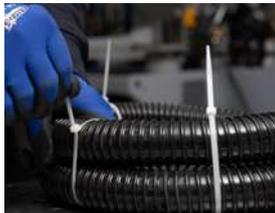
The quality of INDEX cable ties is guaranteed with the highest quality standards, thanks to their certification under the UNE-EN 62275 standard, which has UL approval and allows for CE marking.

APPLICATIONS



- Wiring in general: Electrical wiring, hose clamping, cable hose bundling
- Solar Plants
- Automotive and Aeronautics
- Product Packaging
- Children's parks
- Pharmaceutical and Food Industry
- DIY and Gardening
- Arts and Crafts
- Facilities with HACCP/APPCC requirements (disposable cable ties)

RANGE



BLACK AND WHITE CABLE TIES

The black and white Nylon® cable ties with inner gear rack are very versatile, and can be used for numerous applications in multiple industries. They are available in a wide variety of sizes, enabling an optimal fastening of any element, such as cable harnesses, pipes and/or hoses.

The black cable ties, manufactured from polyamide with a black additive, provide greater resistance to ultraviolet radiation, making them suitable for outdoor applications. The white cable ties (natural) are suitable for indoor applications.

They are ideally suited for use in installations requiring high resistance to alkalis, oils, greases, oil by-products or chlorinated solvents. However, they offer limited resistance to acids and no resistance to phenols.



COLOURED CABLE TIES

The coloured cable ties are suitable for wiring in connection boxes where different bundles of cables are grouped, allowing them to be identified quickly and easily and making it possible to visually organize the work space. They are also used in those applications where cable ties need to go unnoticed (fencing).

Available in a wide range of sizes in **brown, yellow, blue, red, green and grey**.



DETECTABLE CABLE TIES

Detectable cable ties are especially designed for use in the food, cosmetics and pharmaceutical industries, and in any others with applications that must **comply with the requirements of the HACCP* methodology** (Hazard Analysis and Critical Control Points).

Manufactured in 6.6 Polyamide with metal particles, their **magnetic properties allow them to be detected by a metal detector** or X-ray inspection equipment. And their unique blue colour makes them easy to detect visually.



PACKAGING AND POINT OF SALE



The bag the cable ties are sold in contains all the necessary information in a single glance.

Printed on the label are the dimensions of the cable tie, the usage temperature, the maximum and minimum diameter size, the breaking load, code and EAN. It is a high quality plastic bag that ensures watertightness to maintain the recommended humidity level.

There are three shelving display options for cable ties:



BAGS HUNG ON HOOKS



BAGS ARRANGED IN TRAYS



BAGS IN DISPLAY BOXES

RECOMMENDATIONS ON THE USE AND STORAGE OF THE CABLE TIES

INDEX cable ties are manufactured in high quality polyamide, a hygroscopic plastic material, which means that the material absorbs and loses water depending on the external conditions (humidity and temperature). To guarantee correct handling and optimal conservation of the polyamide, the bags of cable ties contain the proper level of humidity.

We recommend the following to ensure correct product behaviour:



Do not open the bag until using them, and once open use them as soon as possible or store them in hermetic plastic bags.



Do not store near heat sources.



Optimal storage conditions: 23°C temperature and 50% relative humidity.



Do not expose to direct sunlight.



Nylon cable tie. Black

BN-N

MULTI-MATERIAL



CODE	SIZE	€/100			
BN25080	2,5 x 80	1,557	100	1.000	60.000
BN25100	2,5 x 100	1,780	100	1.000	50.000
BN25140	2,5 x 140	2,637	100	1.000	50.000
BN25160	2,5 x 160	2,927	100	1.000	50.000
BN25200	2,5 x 200	3,810	100	1.000	35.000
BN36140	3,6 x 140	3,643	100	1.000	30.000
BN36200	3,6 x 200	4,960	100	1.000	25.000
BN36250	3,6 x 250	6,733	100	1.000	12.000
BN36300	3,6 x 300	8,063	100	1.000	12.000
BN36370	3,6 x 370	10,927	100	1.000	12.000
BN48120	4,8 x 120	5,313	100	1.000	23.000
BN48160	4,8 x 160	5,910	100	1.000	23.000
BN48180	4,8 x 180	6,303	100	1.000	16.000
BN48200	4,8 x 200	6,447	100	1.000	16.000
BN48250	4,8 x 250	9,310	100	1.000	12.000
BN48290	4,8 x 290	10,083	100	1.000	11.000
BN48370	4,8 x 370	12,997	100	1.000	8.000
BN48430	4,8 x 430	18,397	100	1.000	8.000
BN76150	7,6 x 150	14,313	100	1.000	12.000
BN76200	7,6 x 200	15,333	100	1.000	9.000
BN76290	7,6 x 290	19,303	100	1.000	5.000
BN76370	7,6 x 370	25,060	100	1.000	5.000
BN76450	7,6 x 450	38,170	100	1.000	3.000
BN76540	7,6 x 540	47,193	100	1.000	3.000
BN88770	8,8 x 770	83,663	50	1.000	1.000
BN12225	12,5 x 225	54,673	50	500	2.000
BN12500	12,5 x 500	115,390	50	-	1.000
BN12720	12,5 x 720	163,910	50	-	1.000
BN12850	12,5 x 850	189,547	50	-	1.000
BN12100	12,5 x 1000	232,730	50	-	1.000



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBN25100	2,5 x 100	2,029	20	20
BZBN25160	2,5 x 160	2,029	20	20
BZBN25200	2,5 x 200	2,029	20	20
BZBN36140	3,6 x 140	2,029	20	20
BZBN36200	3,6 x 200	2,029	20	20
BZBN36300	3,6 x 300	2,565	20	15
BZBN48160	4,8 x 160	2,565	20	15
BZBN48200	4,8 x 200	2,565	20	15
BZBN48290	4,8 x 290	2,565	10	15
BZBN48370	4,8 x 370	2,565	10	15



Display box

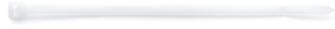
CODE	SIZE	€/BOX	PCS.	BOXES
CKBN25080	2,5 x 080	1,633	100	30
CKBN25100	2,5 x 100	1,864	100	30
CKBN25140	2,5 x 140	2,766	100	30
CKBN25160	2,5 x 160	3,069	100	20
CKBN25200	2,5 x 200	3,996	100	20
CKBN36140	3,6 x 140	3,821	100	20
CKBN36200	3,6 x 200	5,207	100	20
CKBN36300	3,6 x 300	8,467	100	10
CKBN36370	3,6 x 370	11,469	100	10
CKBN48120	4,8 x 120	5,583	100	20
CKBN48160	4,8 x 160	6,206	100	20
CKBN48180	4,8 x 180	6,613	100	20
CKBN48200	4,8 x 200	6,772	100	20
CKBN48250	4,8 x 250	9,780	100	10
CKBN48290	4,8 x 290	10,583	100	10
CKBN48370	4,8 x 370	13,642	100	10
CKBN76200	7,6 x 200	16,099	100	10
CKBN76290	7,6 x 290	20,270	100	10
CKBN76370	7,6 x 370	26,311	100	8
CKBN12225	12,5 x 225	28,701	50	10



BN-B

Nylon cable tie. White

MULTI-MATERIAL



CODE	SIZE	€/100			
BB25080	2,5 x 80	1,557	100	1.000	60.000
BB25100	2,5 x 100	1,780	100	1.000	50.000
BB25140	2,5 x 140	2,637	100	1.000	50.000
BB25160	2,5 x 160	2,927	100	1.000	50.000
BB25200	2,5 x 200	3,810	100	1.000	35.000
BB36140	3,6 x 140	3,643	100	1.000	30.000
BB36200	3,6 x 200	4,960	100	1.000	25.000
BB36250	3,6 x 250	6,733	100	1.000	12.000
BB36300	3,6 x 300	8,063	100	1.000	12.000
BB36370	3,6 x 370	10,927	100	1.000	12.000
BB48120	4,8 x 120	5,313	100	1.000	23.000
BB48160	4,8 x 160	5,910	100	1.000	23.000
BB48180	4,8 x 180	6,303	100	1.000	16.000
BB48200	4,8 x 200	6,447	100	1.000	16.000
BB48250	4,8 x 250	9,310	100	1.000	12.000
BB48290	4,8 x 290	10,083	100	1.000	11.000
BB48370	4,8 x 370	12,997	100	1.000	8.000
BB48430	4,8 x 430	18,397	100	1.000	8.000
BB76150	7,6 x 150	14,313	100	1.000	12.000
BB76200	7,6 x 200	15,333	100	1.000	9.000
BB76290	7,6 x 290	19,303	100	1.000	5.000
BB76370	7,6 x 370	25,060	100	1.000	5.000
BB76450	7,6 x 450	38,170	100	1.000	3.000
BB76540	7,6 x 540	47,193	100	1.000	3.000
BB88770	8,8 x 770	83,663	50	1.000	1.000
BB12225	12,5 x 225	54,673	50	500	2.000
BB12500	12,5 x 500	115,390	50	-	1.000
BB12720	12,5 x 720	163,910	50	-	1.000
BB12850	12,5 x 850	189,547	50	-	1.000
BB12100	12,5 x 1000	232,730	50	-	1.000



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZBB25100	2,5 x 100	2,029	20	20
BZBB25160	2,5 x 160	2,029	20	20
BZBB25200	2,5 x 200	2,029	20	20
BZBB36140	3,6 x 140	2,029	20	20
BZBB36200	3,6 x 200	2,029	20	20
BZBB36300	3,6 x 300	2,565	20	15
BZBB48160	4,8 x 160	2,565	20	15
BZBB48200	4,8 x 200	2,565	20	15
BZBB48290	4,8 x 290	2,565	10	15
BZBB48370	4,8 x 370	2,565	10	15



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKBB25080	2,5 x 080	1,633	100	30
CKBB25100	2,5 x 100	1,864	100	30
CKBB25140	2,5 x 140	2,766	100	30
CKBB25160	2,5 x 160	3,069	100	20
CKBB25200	2,5 x 200	3,996	100	20
CKBB36140	3,6 x 140	3,821	100	20
CKBB36200	3,6 x 200	5,207	100	20
CKBB36300	3,6 x 300	8,467	100	10
CKBB36370	3,6 x 370	11,469	100	10
CKBB48120	4,8 x 120	5,583	100	20
CKBB48160	4,8 x 160	6,206	100	20
CKBB48180	4,8 x 180	6,613	100	20
CKBB48200	4,8 x 200	6,772	100	20
CKBB48250	4,8 x 250	9,780	100	20
CKBB48290	4,8 x 290	10,583	100	10
CKBB48370	4,8 x 370	13,642	100	10
CKBB76200	7,6 x 200	16,099	100	10
CKBB76290	7,6 x 290	20,270	100	10
CKBB76370	7,6 x 370	26,311	100	8
CKBB12225	12,5 x 225	28,701	50	8



TACOBRI N

Cable tie plug. Black

MULTI-MATERIAL



CODE	DRILL	COLOR	€/100	DRILL Ø		
TACOBRI N6	Ø6		6,537	6	100	5.000
TACOBRI N8	Ø8		6,130	8	100	5.000



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTACOBRI N8		2,029	4	15



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKTACOBRI N6	6	6,860	100	10
CKTACOBRI N8	8	6,434	100	10



Cable tie plug. White

TACOBRI B

MULTI-MATERIAL



CODE	DRILL	COLOR	€/100	DRILL Ø		
TACOBRI B6	Ø6		6,680	6	100	5.000
TACOBRI B8	Ø8		6,130	8	100	5.000



Blister



Display box

CODE	SIZE	€/BAG	PCS.	BAGS
BZTABRI B8		2,029	4	15

CODE	SIZE	€/BOX	PCS.	BOXES
CKTACOBRI B6	6	7,014	100	10
CKTACOBRI B8	8	6,434	100	10

Nylon cable tie. Colours. Gray

BN-GR

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100GR	2,5 x 100	1,997	100	50.000
BC36140GR	3,6 x 140	3,647	100	30.000
BC36200GR	3,6 x 200	5,130	100	25.000
BC48200GR	4,8 x 200	6,517	100	16.000
BC48290GR	4,8 x 290	10,237	100	11.000



Cable tie plug

TACOBRI G

MULTI-MATERIAL



CODE	DRILL	COLOR	€/100	DRILL Ø		
TACOBRI G8	M4 x 10		8,043	8	100	5.000



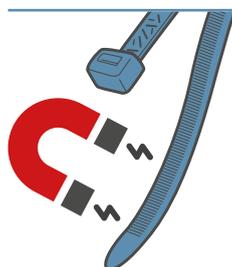
Brida detectable

BN-DT

MULTI-MATERIAL



CODE	SIZE	€/100		
BNDT25100	2,5 x 100	3,543	100	50.000
BNDT36150	3,6 x 150	8,267	100	30.000
BNDT36200	3,6 x 200	10,627	100	25.000
BNDT48200	4,8 x 200	12,987	100	16.000
BNDT48300	4,8 x 300	20,070	100	11.000
BNDT48370	4,8 x 370	28,337	100	8.000
BNDT76370	7,6 x 370	51,950	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

Nylon cable tie for identification



MULTI-MATERIAL



CODE	SIZE	€/100		
BID25110	2,5 x 110	11,797	100	16.000
BID25210	2,5 x 210	25,953	100	12.000

BN-PL

Identification plaque for nylon cable ties up to 4,8 mm.



MULTI-MATERIAL



CODE	SIZE	€/100		
BPL02616	26,4 x 16,2	27,813	100	5.000

BN-BA

Two-way, adhesive base for nylon cable ties



MULTI-MATERIAL



CODE	SIZE	COLOR	€/100		
BBANA19	19 x 19		25,430	100	15.000
BBANA27	27 x 27		36,380	100	6.000
BBANE19	19 x 19		25,430	100	15.000
BBANE27	27 x 27		36,380	100	6.000

BN-CO

Nylon cable tie. Colours

BN-VE

Green



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100VE	2,5 x 100	1,820	100	50.000
BC36140VE	3,6 x 140	4,610	100	30.000
BC36200VE	3,6 x 200	5,923	100	25.000
BC48200VE	4,8 x 200	8,117	100	16.000
BC48290VE	4,8 x 290	12,120	100	11.000



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKBC25100VE	2,5 x 100	1,912	100	30
CKBC36140VE	3,6 x 140	4,845	100	20
CKBC36200VE	3,6 x 200	6,216	100	20
CKBC48200VE	4,8 x 200	8,522	100	20
CKBC48290VE	4,8 x 290	12,727	100	10



Nylon cable tie. Colours

BN-CO

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100MA	2,5 x 100	1,820	100	50.000
BC36140MA	3,6 x 140	4,610	100	30.000
BC36200MA	3,6 x 200	5,923	100	25.000
BC48200MA	4,8 x 200	8,117	100	16.000
BC48290MA	4,8 x 290	12,120	100	11.000

Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKBC25100MA	2,5 x 100	1,912	100	30
CKBC36140MA	3,6 x 140	4,845	100	20
CKBC36200MA	3,6 x 200	6,216	100	20
CKBC48200MA	4,8 x 200	8,522	100	18
CKBC48290MA	4,8 x 290	12,727	100	10

BN-MA

Brown



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100AM	2,5 x 100	1,820	100	50.000
BC36140AM	3,6 x 140	4,610	100	30.000
BC36200AM	3,6 x 200	5,923	100	25.000
BC48200AM	4,8 x 200	8,117	100	16.000
BC48290AM	4,8 x 290	12,120	100	11.000

BN-AM

Yellow



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100AZ	2,5 x 100	1,820	100	50.000
BC36140AZ	3,6 x 140	4,610	100	30.000
BC36200AZ	3,6 x 200	5,923	100	25.000
BC48200AZ	4,8 x 200	8,117	100	16.000
BC48290AZ	4,8 x 290	12,120	100	11.000

BN-AZ

Blue



Display box

CODE	SIZE	€/BOX	PCS. 	BOXES
CKBC25100AZ	2,5 x 100	1,912	100	30
CKBC36140AZ	3,6 x 140	4,845	100	20
CKBC36200AZ	3,6 x 200	6,216	100	20
CKBC48200AZ	4,8 x 200	8,522	100	18
CKBC48290AZ	4,8 x 290	12,727	100	10

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100RO	2,5 x 100	1,820	100	50.000
BC36140RO	3,6 x 140	4,610	100	30.000
BC36200RO	3,6 x 200	5,923	100	25.000
BC48200RO	4,8 x 200	8,117	100	16.000
BC48290RO	4,8 x 290	12,120	100	11.000

BN-RO

Red



Display box

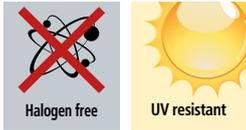
CODE	SIZE	€/BOX	PCS. 	BOXES
CKBC25100RO	2,5 x 100	1,912	100	30
CKBC36140RO	3,6 x 140	4,845	100	20
CKBC36200RO	3,6 x 200	6,216	100	20
CKBC48200RO	4,8 x 200	8,522	100	18
CKBC48290RO	4,8 x 290	12,727	100	10

AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert



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ADVANTAGES
Pressure fixing
With brass socket M6



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD		
ABIN012	12	32,807	12	10	100	1.200
ABIN014	14-15	35,677	14-15	10	100	600
ABIN016	16-18	44,897	16-18	10	100	600
ABIN020	20-22	47,020	20-22	10	100	400
ABIN025	25	59,583	25	10	50	300
ABIN028	28	60,840	28	10	50	300
ABIN032	32	81,560	32	10	25	150
ABIN035	35	92,550	35	10	25	300

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABIN012	12	5,788	10	6
LSABIN014	14-15	6,060	10	5
LSABIN016	16-18	5,630	8	6
LSABIN020	20-22	4,887	6	5
LSABIN028	28	4,456	4	6

INSTALLATION

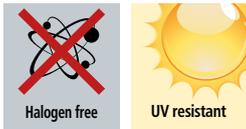


AB-ID

Double nylon pipe clip (polyamide 6.6) with M6 threaded brass insert



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ADVANTAGES
For parallel assemblings
Pressure fixing
With brass socket M6



CODE	SIZE	€/100	ØD(MM)	MAXIMUN LOAD		
ABID012	12	64,683	12	10	50	200
ABID014	14-15	67,900	14-15	10	50	300
ABID016	16-18	86,640	16-18	10	50	200
ABID020	20-22	91,780	20-22	10	50	150
ABID028	28	113,317	28	10	25	100

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABID012	12	5,964	6	6
LSABID014	14-15	6,207	6	5
LSABID016	16-18	3,626	2	6
LSABID020	20-22	3,729	2	6
LSABID028	28	4,177	2	6

INSTALLATION



APPLICATION EXAMPLES





Closed polypropilene pipe clip with pre-thread M6

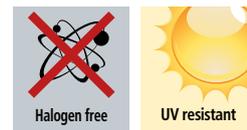
AB-GU



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABGUG15	15	22,653	15	40	100	400
ABGUG18	18	22,880	18	40	100	400
ABGUG20	20	24,083	20	40	100	400
ABGUG22	22	25,510	22	40	100	300
ABGUG25	25	28,343	25	40	50	300
ABGUG28	28	35,453	28	40	50	200
ABGUG32	32	38,603	32	40	25	150
ABGUG40	40	51,343	40	40	25	150
ABGUG50	50	61,570	50	40	25	100



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Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABGUG15	15	3,472	8	6
LSABGUG18	18	3,181	6	6
LSABGUG20	20	2,727	4	7
LSABGUG22	22	2,852	4	7
LSABGUG25	25	2,519	2	6
LSABGUG28	28	2,561	2	6
LSABGUG32	32	2,685	2	6
LSABGUG40	40	2,893	2	6
LSABGUG50	50	3,102	2	6

INSTALLATION



ADVANTAGES
With pre-thread M6

Multiuase pipe clamp

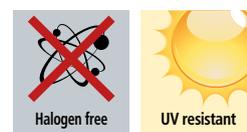
AB-MUG



CODE	SIZE	€/100	MAXIMUM LOAD		
ABMUG15	15-16	21,130	40	100	400
ABMUG18	18-20	26,637	40	100	400
ABMUG22	22-25	31,643	40	100	300
ABMUG26	26-28	39,523	40	50	150
ABMUG32	32-35	51,007	40	50	150
ABMUG40	40-42	69,007	40	50	100
ABMUG48	48-50	82,947	40	25	75



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Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSABMUG15	15-16	3,487	8	6
LSABMUG18	18-20	3,387	6	6
LSABMUG22	22-25	3,015	4	7
LSABMUG26	26-28	2,582	2	6
LSABMUG32	32-35	2,829	2	6

INSTALLATION



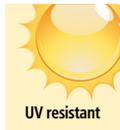
ADVANTAGES
For several pipe Ø
With pre-thread M6

AB-PR

Duty pipe clamp with pre-thread M6



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ADVANTAGES

Pressure fixing
With pre-thread M6
Clip for parallel unions



CODE	SIZE	€/100	ØD(MM)	MAXIMUM LOAD		
ABPRG15	15-18	24,493	15-18	10	100	400
ABPRG20	20-22	25,287	20-22	10	100	400
ABPRG25	25-28	30,603	25-28	10	100	300
ABPRG32	32-35	43,130	32-35	10	25	150
ABPRG40	40	55,667	40	10	25	150
ABPRG50	50	70,163	50	10	25	100



CODE	SIZE	€/BAG	PCS.	BAGS
LSABPRG15	15-18	3,825	8	6
LSABPRG20	20-22	3,042	4	5
LSABPRG25	25-28	2,850	3	6

INSTALLATION



AB-MS

Multitube clamp + plug. Single



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CODE	ØD(MM)	SIZE	€/100	SCREW SIZE		
ABMS10	10	5 x 20 Ø5	28,150	3,5x35	100	1.200
ABMS12	12	5 x 20 Ø5	30,007	3,5x35	100	1.200
ABMS14	14	6 x 25 Ø6	41,827	4x45	100	600
ABMS16	16	6 x 25 Ø6	43,170	4x45	100	600
ABMS18	18	8 x 30 Ø8	56,770	4,5x50	100	300
ABMS20	20	8 x 30 Ø8	58,120	4,5x50	50	300
ABMS22	22	8 x 30 Ø8	59,410	4,5x50	50	300
ABMS26	26	10 x 40 Ø10	111,817	6x60	50	150
ABMS28	28	10 x 40 Ø10	113,607	6,5x60	50	150

AB-MD

Multitube clamp + plug. Double



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CODE	ØD(MM)	SIZE	€/100	SCREW SIZE		
ABMD10	10	8 x 30 Ø8	55,667	4,5x50	100	300
ABMD12	12	8 x 30 Ø8	56,800	4,5x50	100	300
ABMD14	14	8 x 30 Ø8	57,933	4,5x50	100	300
ABMD16	16	8 x 30 Ø8	57,023	4,5x50	100	300
ABMD18	18	10 x 40 Ø10	80,563	6x60	100	200
ABMD20	20	10 x 40 Ø10	85,513	6x60	50	150
ABMD22	22	10 x 40 Ø10	88,077	6x60	50	150
ABMD26	26	10 x 40 Ø10	140,603	6x60	50	100
ABMD28	28	10 x 40 Ø10	141,680	6x60	50	100



INDEXring tube fixing plug

AB-T



CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)	MAXIMUN LOAD		
ABTS014	14	27,887	-	14 - 15	30	100	600
ABTS016	16	28,890	3/8"	16 - 17	30	100	400
ABTS018	18	31,220	-	18 - 19	30	100	400
ABTS020	20	31,743	1/2"	20 - 21	30	100	300
ABTS022	22	32,553	-	22 - 23	30	100	300
ABTS025	25	33,610	3/4"	25 - 26	30	100	300
ABTS028	28	39,900	-	28 - 29	30	100	200
ABTS032	30	51,427	-	30 - 32	30	50	150



CODE	SIZE	€/BAG	PCS.	BAGS
LSABTS018	18	3,808	6	6
LSABTS022	22	4,056	6	6



CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)	MAXIMUN LOAD		
ABTD016	16	34,007	3/8"	15 - 16	30	100	400
ABTD018	18	38,667	-	18 - 19	30	100	300
ABTD020	20	39,587	1/2"	20 - 21	30	100	200
ABTD022	22	42,630	-	22 - 23	30	100	200
ABTD025	25	46,417	3/4"	25 - 26	30	100	200
ABTD028	28	61,863	-	28 - 29	30	50	150



CODE	SIZE	€/BAG	PCS.	BAGS
LSABTD018	18	3,550	4	6
LSABTD022	22	2,659	2	7



CODE	SIZE	€/100	SIZE IN INCHES	Ø(DMM)	MAXIMUN LOAD		
ABTC020	20	65,867	1/2"	20 - 21	30	50	100
ABTC025	25	80,987	3/4"	25 - 26	30	50	100

ADVANTAGES

Drill Ø8 x 35
Clip for parallel unions. 2 tubes (AB-TD) and 4 (AB-TC)

APPLICATION EXAMPLES

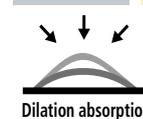


AB-TS

Simple



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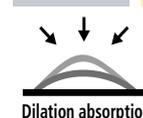


AB-TD

Double



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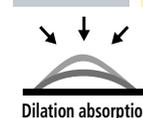


AB-TC

Quadruple



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FI-CA

Cable clamp

FI-CA AB

Clamp



CODE	SIZE	€/100	
FICAAB080	80	160,000	50
FICAAB119	119	266,667	25

FI-CA PS

Single clamp



CODE	SIZE	€/100	
FICAPS080	80	76,667	50

FI-CA PD

Double clamp



CODE	SIZE	€/100	
FICAPD160	80 (x2)	113,333	50

FI-CA CL

Clip



CODE	SIZE	€/100	DRILL	
FICAACL13	Ø13	16,333	Ø6	200
FICAACL26	Ø16	21,667	Ø6	100



Cable clamp

FI-CA



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY.	
GRBL001	2 x 0,7	6,390	Parallel cable	400	100
GRBL002	2 x 0,4 - 0,7 ó 1	6,740	Parallel cable	400	100
GRBL003	2 x 1 - 3 x 0,7	6,820	Flat cable 6 x 2	400	100
GRBL010	2 x 0,7 - 2 x 1	8,117	Flat cable 6 x 3	400	100
GRBL020	2 x 1,5 - 3 x 1	8,243	Flat cable 7,5 x 3,5	400	100
GRBL030	3 x 1,5 - 3 x 2,5	9,973	Flat cable 10 x 3,5	400	100
GRBL040	1 x 1 - 2 x 0,5	7,860	Round cable Ø4	400	100
GRBL050	2 x 0,75	8,073	Round cable Ø5	400	100
GRBL060	2 x 1	8,550	Round cable Ø6	400	100
GRBL070	2 x 1-1,5	9,327	Round cable Ø7	400	100
GRBL080	2 x 2,5	9,410	Round cable Ø8	400	100
GRBL090	3 x 2,5	10,363	Round cable Ø9	400	100
GRBL100	2 x 4	11,570	Round cable Ø10	200	100
GRBL120	3 x 6	14,207	Round cable Ø12	200	100
GRBL140	4 x 6	16,877	Round cable Ø14	200	100

GR-NY BL

White



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZGRB100	2 x 4	2,565	6	20
BZGRB010	2 x 1	2,565	6	20
BZGRB120	3 x 6	2,565	6	15
BZGRB001	2 x 0,7	2,565	6	20
BZGRB050	2 x 0,75	2,565	6	20
BZGRB060	2 x 1	2,565	6	20
BZGRB070	2 x 1-1,5	2,565	6	20
BZGRB080	2 x 2,5	2,565	6	20
BZGRB090	3 x 2,5	2,565	6	20



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY.	
GRNE060	2 x 1	8,550	Round cable	400	100
GRNE070	2 x 1 - 2 x 1,5	9,327	Round cable	400	100
GRNE080	2 x 2,50	9,410	Round cable	400	100
GRNE090	3 x 2,50	10,363	Round cable	400	100
GRNE100	2 x 4	11,570	Round cable	200	100
GRNE120	3 x 6	14,207	Round cable	200	100

GR-NY N

Black



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY.		
GRNATTV	GRAPILLA - CLIP - CRAMPON TV - CLIP	11,160	Round cable	200	100	2.000

GR-NY NT

Natural colour





PROFILES AND SUPPORTS



GP

Type "C" profiles for light loads

GP-Z

Zinc-plated



METAL



CODE	SIZE	€/100	LENGTH	
GPZ201010	20 x 10 x 1 x 2000	872,193	2.000	30
GPZ250808	25 x 8 x 0,80 x 1000	604,403	1.000	30

GP-G

ATLANTIS C2-H



METAL



CODE	SIZE	€/100	LENGTH	
GPG271812	27 x 18 x 1,25 x 2000	1.478,793	2.000	10
GPG283018	28 x 30 x 1,8 x 2000	2.967,427	2.000	10
GPG351312	35 x 13 x 1,2 x 2000	2.923,683	2.000	10
GPG384020	38 x 40 x 2 x 2000	5.041,500	2.000	6
GPG402015	40 x 20 x 1,50 x 2000	2.302,116	2.000	10

GP-A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
GPI271812	27 x 18 x 1,25 x 2000	12.032,189	2.000	6
GPI283015	28 x 30 x 1,50 x 2000	27.975,448	2.000	6

GP-PL

Yellow plastified



METAL



CODE	SIZE	€/100	LENGTH	
GPP271812	27 x 18 x 1,25	2.069,667	1.000	10

GP-PVC

PVC



METAL



CODE	SIZE	€/100	LENGTH	
GPV251120	25 x 11 x 2 x 1000	843,660	1.000	30



Type "C" profiles for light loads

GP

METAL



CODE	SIZE	€/100	LENGTH	
GL0357510	35x7,5x1,0	1.248,443	2.000	10
GL0351515	35x15x1,5	1.655,013	2.000	10

GL-O

ATLANTIS C2-M Smooth Omega guide



METAL



CODE	SIZE	€/100	LENGTH	
GP0357510	35x7,5x1,0	1.258,747	2.000	10
GP0351515	35x15x1,5	1.649,893	2.000	10

GP-O

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	776,810	200	10
SPZ271830	27 x 18 x 1,25 x 300	838,267	300	10
SPZ384020	38 x 40 x 2 x 200	1.270,253	200	10
SPZ384025	38 x 40 x 2 x 250	1.425,973	250	10
SPZ384030	38 x 40 x 2 x 300	1.567,947	300	10
SPZ384035	38 x 40 x 2 x 350	1.679,877	350	10
SPZ384040	38 x 40 x 2 x 400	1.957,943	400	10
SPZ384050	38 x 40 x 2 x 500	2.377,794	500	10
SPZ384060	38 x 40 x 2 x 600	2.647,880	600	10

SP-Z

Zinc-plated perforated support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPV2718	M10 (27/18-28/30)	556,423	27/18 - 28/30	50
SPV3840	M10 (38/40-40/20)	591,583	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)	497,013	27/18 - 28/30	50
SPH3840	M10 (38/40-40/20)	515,487	38/40 - 40/20	50

SP-HX

Horizontal channel arm



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPGH2718	M10 (27/18-28/30)	780,340	27/18 - 28/30	10
SPGH3840	M10 (38/40-40/20-41/21-41/41)	1.516,640	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	66,583	20/10 - 27/18 - 28/30 - 25/08 - 25/11	100	800
TG230820	M8 x 20	82,883	27/18 - 28/30 - 25/08	100	400
TG230830	M8 x 30	87,237	27/18 - 28/30 - 25/08	100	600
TG340830	M8 x 30	120,040	38/40 - 40/20	100	600
TG341030	M10 x 30	161,920	38/40 - 40/21	100	400

TO-GR

Fast-fixing guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TGR230620	M6x20	184,313	20/10 - 25/08 - 25/11 - 27/18 - 28/30	100	600
TGR230820	M8x20	194,827	20/10 - 25/08 - 25/11 - 27/18 - 28/30	100	600
TGR230830	M8x30	199,467	20/10 - 25/08 - 25/11 - 27/18 - 28/30	100	600
TGR340830	M8x30	250,530	27/18 - 28/30 - 38/40 - 40/20	100	400
TGR341030	M10x30	282,887	27/18 - 28/30 - 38/40 - 40/20	50	300

TU-GU

Channel nuts



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUG201006	M6	17,963	20/10 - 25/08 - 27/18 - 28/30	100	3.000
TUG201008	M8	17,963	20/10 - 25/08 - 27/18 - 28/30	100	2.400
TUG271808	M8	48,370	27/18 - 28/30 - 38/40 - 40/20	100	1.200
TUG271810	M10	48,370	27/18 - 28/30 - 38/40 - 40/20	100	1.200

METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUGRA2706	M6	165,203	20/10 - 25/08 - 25/11 - 27/18 - 28/30	50	600
TUGRA2708	M8	165,203	20/10 - 25/08 - 25/11 - 27/18 - 28/30	50	600
TUGRA3808	M8	211,863	27/18 - 28/30 - 38/40 - 40/20	50	600
TUGRA3810	M10	225,540	27/18 - 28/30 - 38/40 - 40/20	50	600

TU-GRA

Guide nut with fast-fixing washer



METAL



CODE	SIZE	€/100	SUITABLE FOR		
EMZ45	50 x 50 45°	126,340	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	400
EMZ90	54 x 54 90°	126,340	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	300
EMZ00	100 180°	123,183	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	100	-

EG-Z

Zinc-plated channel bracket



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
EMI45	50 x 50 45°	617,260	27/18 - 28/30 - 38/40	50	200
EMI90	54 x 54 90°	617,260	27/18 - 28/30 - 38/40	50	-
EMI00	100 180°	611,967	27/18 - 28/30 - 38/40	50	200

EG-A2

A2 Stainless steel channel bracket



METAL



CODE	SIZE	€/100	SUITABLE FOR	
PUZ2718	M8 (27/18-28/30)	56,987	50	-
PUZ3840	M8 (38/40)	63,023	50	-

PU-Z

Union plate for profiles



METAL



CODE	SIZE	€/100	SUITABLE FOR		
PGZ2718	27 / 18 x 81	106,597	27/18	50	300
PGZ2830	28 / 30 x 81	129,097	28/30	50	300
PGZ3840	38 / 40 x 93	144,030	38/40	50	100

PG-Z

Zinc-plated Channel U-fitting



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
PGI2718	27 / 18 x 81	301,077	27/18	50	300
PGI2830	28 / 30 x 81	346,240	28/30	50	200
PGI3840	38 / 40 x 93	421,507	38/40	50	100

PG-A2

A2 Stainless steel Channel U-fitting



PE-AC

Accessories for type "C" profiles

SO-TP

Plastic caps



METAL



CODE	SIZE	€/100	SUITABLE FOR		
SOTP2718	27/18	31,497	27/18	100	400
SOTP2830	28/30	37,880	28/30	100	300
SOTP3840	38/40	61,410	38/40	100	300

GPX

Indextrut Profiles for heavy loads

GP-X 21

Indextrut Perforated guide 41x21



METAL



CODE	SIZE	€/100	LENGTH	
GPX412115	41 x 21 x 1,5	5.172,350	3.000	10
GPX412120	41 x 21 x 2	5.550,103	3.000	10
GPX412125	41 x 21 x 2,5	7.970,713	3.000	6
GPX2M412120	41 x 21 x 2	3.881,187	2.000	10

GP-X 41

Indextrut Perforated guide 41x41



METAL



CODE	SIZE	€/100	LENGTH	
GPX414115	41 x 41 x 1,5	6.278,517	3.000	10
GPX414120	41 x 41 x 2	9.120,367	3.000	6
GPX414125	41 x 41 x 2,5	11.254,700	3.000	6
GPX2M414120	41 x 41 x 2	6.146,427	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	1.123,907	150	10
SPX412130	41 x 21 x 2,5 x 300	1.547,242	300	10
SPX412145	41 x 21 x 2,5 x 450	1.964,934	450	10
SPX414115	41 x 41 x 2,5 x 150	1.456,371	150	10
SPX414130	41 x 41 x 2,5 x 300	2.040,254	300	10
SPX414145	41 x 41 x 2,5 x 450	2.667,989	450	10
SPX414160	41 x 41 x 2,5 x 600	3.354,439	600	10
SPX414175	41 x 41 x 2,5 x 750	4.044,979	750	10
SPX414110	41 x 41 x 2,5 x 1000	5.086,880	1.000	2

SP-RX

Indextrut Rectangular-base "U" support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPRXH4121	M12 (41/21-41/41)	1.492,127	Indextrut 41/41 - 41/21	12
SPRXV4121	M12 (41/21-41/41)	1.492,127	Indextrut 41/41 - 41/21	12



Indextrut Supports for heavy loads

SPX

METAL



CODE	SIZE	€/100	SUITABLE FOR	
SPUX412100	M16 (41/21-41/41)	1.896,047	Indextrut 41/41 - 41/21	12
SPUX412145	M16 (41/21-41/41)	1.896,047	Indextrut 41/41 - 41/21	12

SP-UX

Indextrut Square-base "U" support



METAL



CODE	SUITABLE FOR	€/100	
PRX01	Indextrut 41/41 - 41/21	1.647,360	12

PR-X

Indextrut Adjustable support



METAL



CODE	SIZE	€/100	SUITABLE FOR	
RESX300	252 x 252 x 6 (300)	1.250,963	10	20
RESX550	428 x 428 x 6 (550)	1.992,833	10	20

RE-SX

Indextrut Support reinforcement



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE	€/100	SUITABLE FOR		
TGX0840	M8 x 40	119,690	Indextrut 41/41 - 41/21	100	400
TGX0860	M8 x 60	128,283	Indextrut 41/41 - 41/21	50	300
TGX1040	M10 x 40	152,987	Indextrut 41/41 - 41/21	50	300
TGX1060	M10 x 60	171,597	Indextrut 41/41 - 41/21	50	200

TG-X

Indextrut Guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR	
TGRX0830	M8x30	280,567	41/41 - 41/21	100
TGRX0860	M8x60	293,400	41/41 - 41/21	50
TGRX1030	M10x30	318,930	41/41 - 41/21	50
TGRX1060	M10x60	338,590	41/41 - 41/21	50

TO-GRX

Indextrut Fast-fixing guide stop screw



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TUGX08	M8	73,290	Indextrut 41/41 - 41/21	100	800
TUGX10	M10	81,040	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	M8	107,097	Indextrut 41/41	100	400
TUGXMU10	M10	107,097	Indextrut 41/41	100	400

TU-RX

Indextrut Fast-fixing guide nut



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TURX08	M8	101,450	Indextrut 41/41 - 41/21	100	400
TURX10	M10	115,903	Indextrut 41/41 - 41/21	100	400
TURX12	M12	128,530	Indextrut 41/41 - 41/21	50	300

NEW TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



METAL



CODE	SIZE	€/100		
TURXA208	M8	151,443	50	300

TU-RXA

Indextrut Guide nut with fast-fixing washer



METAL



CODE	SIZE	€/100	SUITABLE FOR		
TURXA08	M8	244,850	41/21 - 41/41	50	50
TURXA10	M10	267,643	41/21 - 41/41	50	50

EG-X

Channel bracket Indextrut



METAL



CODE	SIZE	€/100	HOLE NUM	SUITABLE FOR		
EMX4502	86/52 x 40 x 5 45°	289,167	2	Indextrut 41/41 - 41/21	25	125
EMX9002	48 x 51 x 5 90°	188,893	2	Indextrut 41/41 - 41/21	50	150
EMX1302	71/48 x 40 x 5 135°	307,823	2	Indextrut 41/41 - 41/21	20	100
EMX9004	95 x 98 x 5 90°	298,497	4	Indextrut 41/41 - 41/21	25	75

SC-RX

Heavyduty angled bracket Indextrut



METAL



CODE	SIZE	€/100	SUITABLE FOR	
SCRX090	100 x 100 x 40	737,497	Indextrut 41/41 - 41/21	10

METAL



CODE	SUITABLE FOR	€/100	
EMPX4121	Indextrut 41/41 - 41/21	1.156,673	10

EMP-X

Indextrut Splice



METAL



CODE	SUITABLE FOR	€/100	
RTX01	41/41 - 41/21 - 41/62	886,247	10

RT-X

Indextrut Ball bushing support



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
UNPX412101	1	78,317	41/41 - 41/21	50	300
UNPX412102	2	161,687	41/41 - 41/21	25	150
UNPX412103	3	227,370	41/41 - 41/21	25	125
UNPX412104	4	282,950	41/41 - 41/21	10	60

UN-PX

Indextrut Connector plate



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR	
UNEX412103	3	411,773	41/41 - 41/21	25

UN-EX

Connector plate Indextrut Square



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR	
UNTX412104	4	303,160	41/41 - 41/21 - 41/62	25

UN-TX

Connector plate "T" Indextrut



METAL



CODE	HOLE NUM	€/100	SUITABLE FOR		
PGX4121	3	380,193	Indextrut 41/21	15	90
PGX4141	5	503,910	Indextrut 41/41	10	60

PG-X

Channel U-fitting Indextrut



PX-AC

Indextrut Accessories for profiles

AB-GX

Perforated profile clamp Indextrut



METAL



CODE	€/100	SUITABLE FOR	
ABGX4121	589,183	Indextrut 41/41 - 41/21	20

SO-TP

Plastic caps



METAL



CODE	SIZE	€/100	SUITABLE FOR		
SOTP4121	41/21	50,470	41/21	100	600
SOTP4141	41/41	52,917	41/41	100	300

VE-AC

Ventilation accessories

UN-CO

Conduit union type "C"



METAL



CODE	SIZE	€/100		
UNCO3220	32 x 20	58,917	100	400

SO-PG

Isophonic rubber profile for support



METAL



CODE	SIZE	€/1PC	SUITABLE FOR	LENGTH	
SOPG27	27	138,805	27/18 - 28/30	20 m.	1
SOPG38	38	198,066	38/40 - 40/20	20 m.	1
SOPG41	41	202,631	41/21 - 41/41	20 m.	1



INSTALLATION SYSTEMS AND FIXINGS FOR PHOTOVOLTAIC PANELS



NEW

ISF-GG

Clamps for photovoltaic modules assembly

KFR-SC

Quick pre-assembled clamp



METAL **AL** **A2
inox**

CODE	SIZE	€/100		
KFRSC3050	30 - 50	653,930	10	240

PGS-A

Simple clamp



METAL **AL**

CODE	SIZE	€/100		
PGSA26	26	103,450	20	720

GM-A

Aluminium gauge for solar frame



METAL **AL**

CODE	SIZE	€/100		
GMA035	35	180,180	10	120
GMA040	40	198,473	10	120

NEW

ISF-PU

Profiles, joints, channels and connectors for supporting structure

GP-XS

INDEXTRUT solar perforated guide. Atlantis C4-M



METAL **ATLANTIS**

CODE	SIZE	€/100	
GPXS4115012	41 x 41 x 1,5 - L.125	433,173	50
GPXS4115162	41 x 41 x 1,5 - L.1625	3.098,237	10
GPXS4115212	41 x 41 x 1,5 - L.2125	3.985,367	10
GPXS4115325	41 x 41 x 1,5 - L.3250	6.095,663	6

EMP-XS

INDEXTRUT solar connector. Atlantis C4-M



METAL **ATLANTIS**

CODE	SIZE	LENGTH	€/100	
EMPXS4115	41 x 41 x 1,5	120	524,383	40

Profiles, joints, channels and connectors for supporting structure

ISF-PU **NEW**

METAL



CODE	SIZE	€/100	
PSAA0400	80 x 35 - L.400	1.142,517	20
PSAA2125	80 x 35 - L.2125	5.336,223	2
PSAA3150	80 x 35 - L.3150	7.795,997	2

PSA-A

Winged aluminum profile



METAL



CODE	SIZE	€/100	
PSAAV0150	41 x 33 x 1,8	897,940	20

PSA-AV

Winged aluminum profile for direct fixing at the bottom of panel



METAL



CODE	SIZE	SUITABLE FOR	€/100	
PSAUN200	200	PSA-UN	383,080	20

PSA-UN

Winged aluminum profile connector



METAL



CODE	SIZE	€/100	
PSEA601575	47 x 60 - L.1575	4.836,207	2
PSEA602125	47 x 60 - L.2125	6.498,457	2
PSEA603150	47 x 60 - L.3150	9.521,867	2

PSE-A

Aluminium profile for assembled fixing



METAL



CODE	SIZE	VÁLDO PARA	€/100	
PSEUN060200	60 x 200	PSE-A	533,173	20

PSE-UN

Connector for aluminium profile for assembled fixing



NEW

ISF-CC

Connectors + Accessories for the solar structures assembly

KFS-FI

Cross connector for bottom fixing.
Stainless steel A2



METAL



CODE	SIZE	€/100		
KFSFIM08	M8	163,187	100	

KFS-FL

Cross connector for lateral fixing.
Stainless steel A2



METAL



CODE	SIZE	€/100		
KFSFLM08	M8	339,487	10	80

TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



METAL



CODE	SIZE	€/100		
TURXA208	M8	151,443	50	300

DIN-603 A2

Screw DIN-603. Round head screw
with square neck. Stainless steel A2



METAL



CODE	SIZE	€/100		
D603I08016	M8 x 16	42,047	200	2.400

DIN-6921 A2

Screw DIN-6921. Hexagonal flanged
bolt with serration. Stainless steel A2



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
6921I08020	M8 x 20	46,040	13	200	2.400
6921I08050	M8 x 50	87,807	13	100	600
6921I08070	M8 x 70	112,967	13	100	600

DIN-6923 A2

DIN-6923 Hexagonal flange nut with
serration. Stainless steel A2



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	22,833	13	250	3.000
D6923IM10	M10	38,510	15	250	3.000
D6923IM12	M12	65,500	18	250	1.500

Connectors + Accessories for the solar structures assembly

ISF-CC **NEW**

CODE	SIZE	€/100		
D127IM08	M8	4,530	200	9.000
D127IM10	M10	7,237	100	4.500
D127IM12	M12	10,923	100	4.500

METAL



DIN-127 A2

Grower spring washer DIN-127.
Stainless steel A2



Triangular structures for the solar panels installation

ISF-TR **NEW**

CODE	SIZE	VÁLIDIO PARA	€/PC	
TPAR251500	25° / 30° / 35° - L.1500	PSE-A	78,383	4

METAL



TPA-R

Pre-assembled and adjustable
aluminium triangle



CODE	SIZE	e (mm)	€/100	
TPAP352000	35 x 35 - L.2000	2	2.107,607	2

METAL



TPA-P

Strut profile for pre-assembled
aluminium triangle



CODE	SIZE	SUITABLE FOR	€/PC	
TRPX5412515	25°-35° - L.1500	GP-XS	76,967	4

METAL



TRP-XS

Pre-assembled and adjustable triangle
INDEXTRUT. Steel with Atlantis C4-M
coating



CODE	SIZE	SUITABLE FOR	€/100		
NUXSM0841	M8	GP-XS	706,420	10	100

METAL



NU-XS

Articulated joint INDEXTRUT. Steel
with Atlantis C4-M coating



NEW

ISF-FR

Adjustable accessories for solar panels installation

GS-TC

Adjustable roof hook for curved roof tile. Stainless steel A2



METAL



CODE	SIZE	€/100	
GSTC040080	40 - 80	2.603,363	20
GSTC080120	80 - 120	2.662,000	20

GS-TU

Adjustable roof hook for universal roof tile. Stainless steel A2



METAL



CODE	SIZE	€/100	
GSTU040055	40 - 55	2.703,960	20

STR

Adjustable support for trapezoidal roof. Stainless steel A2



METAL



CODE	SIZE	€/100	
STR1680	16 - 80	1.763,737	40

KFS-MA

Double threaded bolt kit. Stainless steel A2



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
KFSMA10200	10 x 200	555,310	7	25	150
KFSMA10250	10 x 250	620,117	7	25	150

KFS-AU

Self-tapping screw kit. Stainless steel A2



METAL



CODE	SIZE	€/100	INSTALLATION KEY	
KFSAU10160	10 x 160	1.680,417	13	25
KFSAU10200	10 x 200	2.028,090	13	25

Adjustable accessories for solar panels installation

ISF-FR **NEW**



CODE	SIZE	€/100	INSTALLATION KEY		
KFSRV10250	10 x 250	613,933	7	25	150
KFSRV12350	12 x 350	1.080,440	9	25	75

KFS-RV

Threaded rod kit for chemical anchor installation. Stainless steel A2



CODE	SIZE	€/100		
PMO1012	M10 -M12	248,343	25	300

PMO

Plate for double threaded screw. Stainless steel A2



Direct fixing accessories for solar panels installation

ISF-FD **NEW**



CODE	SIZE	€/100			
TACN165525	5,5 x 25 P16	41,087	8	500	2.000

TAC + ARVUL A2

Atlantis C4-M thin sheet screw + vulcanised EPDM-stainless steel A2 washer



CODE	SIZE	€/100			
TACB166025	6 x 25 P16	99,783	8	500	2.000

TAC BIMETAL+ARVUL A2

Bi-metal thin sheet screw + vulcanised EPDM-stainless steel A2 washer



CODE	SIZE	€/100	DRILL Ø		
RETE5220	5,2 x 20	90,753	5,3	250	3.000

RE-TE

Watertight trebol rivet + vulcanised EPDM steel washer



NEW

ISF-ES

Sealing accessories for solar panel installation

ARS-P

Stainless steel A2 umbrella washer + EPDM



METAL



CODE	SIZE	€/100		
ARSP08	M8	31,440	100	1.200
ARSP10	M10	31,440	100	1.200

ARS-S

Washer for double threaded bolt



METAL



CODE	SIZE	€/100		
ARSS10	M10	21,613	100	1.200
ARSS12	M12	21,613	100	1.200

CS-B

Butylene adhesive sealing tape



METAL

CODE	SIZE	€/PC		
CSB0104010	40 x 1 - L.10	18,413	1	27
CSB0108010	80 x 1 - L.10	35,983	1	18

NEW

ISF-KT

Kits for solar installations

KC-PSA

Coplanar with winged aluminum profile (PSA-A). Direct fixing



METAL

CODE	SIZE	€/PC	
KCPSA0235	x2 (35 mm)	187,973	1
KCPSA0240	x2 (40 mm)	188,817	1
KCPSA0335	x3 (35 mm)	270,703	1
KCPSA0340	x3 (40 mm)	271,547	1

KC-PSD

Coplanar with winged aluminum profile (PSA-A). Direct fixing. Discontinuous profile format



METAL

CODE	SIZE	€/PC	
KCPSD0100	+1 (30-50)	45,597	1
KCPSD0135	x1 (35 mm)	95,203	1
KCPSD0140	x1 (40 mm)	96,047	1

METAL

CODE	SIZE	€/PC	
KCPSE0235	x2 (35 mm)	225,967	1
KCPSE0240	x2 (40 mm)	226,807	1
KCPSE0335	x3 (35 mm)	332,327	1
KCPSE0340	x3 (40 mm)	333,170	1

KC-PSE

Coplanar with aluminium profile
PSE-A. Assembled fixing



METAL

CODE	SIZE	€/PC	
KCGPX0235	x2 (35 mm)	156,907	1
KCGPX0240	x2 (40 mm)	157,747	1
KCGPX0335	x3 (35 mm)	238,543	1
KCGPX0340	x3 (40 mm)	239,383	1

KC-GPX

Coplanar with perforated steel channel
Atlantis C4-M INDEXTRUT SOLAR
GP-XS



METAL

CODE	SIZE	€/PC	
KCGPD0100	+1 (30-50)	28,007	1
KCGPD0135	x1 (35 mm)	61,297	1
KCGPD0140	x1 (40 mm)	62,140	1

KC-GPD

Coplanar with perforated steel channel
Atlantis C4-M. Discontinuous channel
format



METAL

CODE	SIZE	€/PC	
KTPSE0235	x2 (35 mm)	426,220	1
KTPSE0240	x2 (40 mm)	427,060	1
KTPSE0335	x3 (35 mm)	634,583	1
KTPSE0340	x3 (40 mm)	635,423	1

KT-PSE

Triangular with PSE-A aluminium
profile. Assembled fixing



METAL

CODE	SIZE	€/PC	
KTGPX0235	x2 (35 mm)	343,013	1
KTGPX0240	x2 (40 mm)	343,853	1
KTGPX0335	x3 (35 mm)	517,703	1
KTGPX0340	x3 (40 mm)	518,547	1

KT-GPX

Triangular with perforated steel
channel Atlantis C4-M INDEXTRUT
SOLAR GP-XS





INDEX
A PERFECT FITTING

QUICK BEAM ATTACHMENT SYSTEMS



SU

Quick beam attachment system

SU-MO

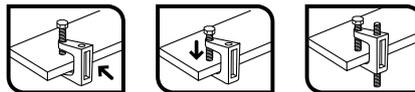
Beam clamp



02 Technical info. P. 246



CODE	SIZE	€/100	MAX. BEAM WIDTH		
SUMOP09	PASANTE Ø9	386,520	20	50	150
SUMOP11	PASANTE Ø11	424,970	20	50	150
SUMOP13	PASANTE Ø13	646,837	25	50	100
SUMOM06	ROSCADO M6	331,673	20	50	200
SUMOM08	ROSCADO M8	386,520	20	50	200
SUMOM10	ROSCADO M10	424,970	20	50	150
SUMOM12	ROSCADO M12	646,837	25	50	-



SU-CL

Suspension clip



02 Technical info. P. 246



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUCL02	6.3	38,117	14	1,5 - 4	100	1.200
SUCL04	6.3	54,520	23	4 - 10	100	400
SUCL10	6.3	63,497	23	10 - 15	100	300
SUCL15	6.3	84,660	23	15 - 20	100	300



SU-VA

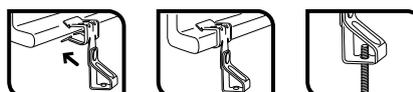
Rod clip



02 Technical info. P. 246



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUVA0602	M6	97,870	14	1,5 - 4	100	300
SUVA0604	M6	119,217	23	4 - 10	100	200
SUVA0610	M6	175,370	23	10 - 15	100	-
SUVA0615	M6	211,657	23	15 - 20	100	-
SUVA0804	M8	119,217	23	4 - 10	100	200
SUVA0810	M8	175,370	23	10 - 15	100	200
SUVA0815	M8	211,657	23	15 - 20	100	-
SUVA0802	M8	97,870	14	1,5 - 4	100	300

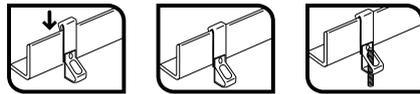


Quick beam attachment system

SU



CODE	SIZE	€/100	BEAM THICKNESS		
SUCU0602	M6	98,303	1,5 - 5	100	300
SUCU0605	M6	109,257	5 - 7	100	300
SUCU0606	M6	136,773	3 - 7	100	200
SUCU0607	M6	161,213	7 - 10	100	200



SU-CU

Holder clip



 Technical info.
P. 247



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	MAX. BEAM WIDTH	SCREW SIZE		
SUAB0603	M6	92,911	3 - 7	36,5	M6x9	100	300
SUAB0607	M6	93,281	7 - 13	36,5	M6x9	100	200
SUAB0614	M6	97,185	14 - 20	36,5	M6x9	100	200

SU-AB NEW

Beam clip for clamp



 Technical info.
P. 247



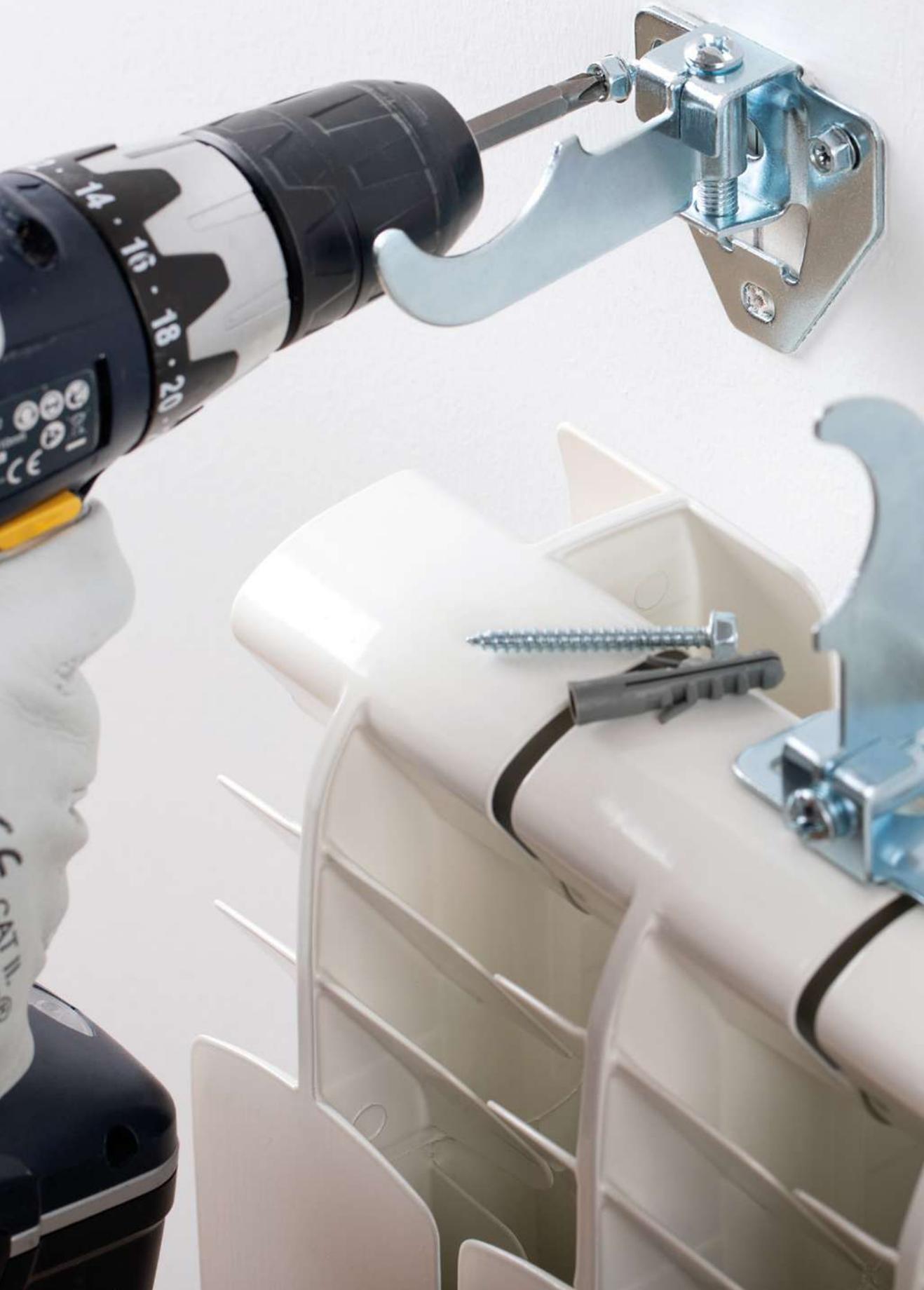
CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
SUCA0602	6-7	32,125	1 - 4	100	2.400
SUCA0604	6-7	32,867	4 - 7,5	100	1.200
SUCA0607	6-7	33,375	7,5 - 12	100	1.200
SUCA0802	8-9	33,483	1 - 4	100	1.200
SUCA0804	8-9	34,000	4 - 7,5	100	1.200
SUCA0807	8-9	34,425	7,5 - 12	100	1.200
SUCA1002	10-11	34,158	1 - 4	100	1.200
SUCA1004	10-11	34,683	4 - 7,5	100	1.200
SUCA1007	10-11	35,142	7,5 - 12	100	1.200
SUCA1202	12-14	34,967	1 - 4	100	1.200
SUCA1204	12-14	35,475	4 - 7,5	100	1.200
SUCA1207	12-14	35,608	7,5 - 12	100	1.200
SUCA1502	15-18	35,725	1 - 4	100	1.200
SUCA1504	15-18	36,492	4 - 7,5	100	1.200
SUCA1507	15-18	36,642	7,5 - 12	100	1.200
SUCA1902	19-24	36,558	1 - 4	100	1.200
SUCA1904	19-24	44,300	4 - 7,5	100	600
SUCA1907	19-24	45,158	7,5 - 12	100	600
SUCA2502	25-30	45,533	1 - 4	100	600
SUCA2504	25-30	50,792	4 - 7,5	100	600
SUCA2507	25-30	55,617	7,5 - 12	100	600

SU-CA NEW

Beam clip for cable



 Technical info.
P. 247



**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	4,496	50

RA-TRI

1" triangular support



CODE	SIZE	€/100	KITS X
RATRI095	95	142,301	100

RA-FRE

Straight Ferroli support



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
RAFRE095	95	4,324	50

RA-FIN

Inclined Ferroli support



2 PCS
x KIT

TN4S
With multimaterial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
RAFIN100	100	4,571	50

Aluminium radiator supports

RA



CODE	SIZE	€/KIT	KITS X
RAR0100	100	7,158	50

TN4S
With multimerial high-quality nylon plug



CODE	SIZE	€/100	KITS X
RAFEM145	145	125,190	250
RAFEM175	175	131,667	250



CODE	SIZE	€/100	KITS X
RARAY032	32 x 78	101,543	250



CODE	SIZE	€/100	KITS X
RAPES032	32 x 78	104,403	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

22 KITS SOLUTIONS

SA

Sanitary fixings

SA-LN

Sanitary fixings with nylon nut



2 PCS
x KIT

TN4S
With multimerial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SALN08100	M8 x 100	2,120	50
SALN10120	M10 x 120	2,755	50

SA-LH

Sanitary fixings with iron nut



2 PCS
x KIT

ALSO AVAILABLE
easykits

TN4S
With multimerial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SALH08100	M8 x 100	2,271	100
SALH10120	M10 x 120	3,009	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	3,017	100

SA-WZ

WC and bidet fixing kit, zinc-plated



2 PCS
x KIT

TN4S
With multimerial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWZ05080	M5 x 80	1,250	300

SA-WL

WC and bidet fixing kit, brass



2 PCS
x KIT

TN4S
With multimerial
high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWL05080	M5 x 80	3,187	100

Sanitary fixings

SA



CODE	SIZE	€/KIT	KITS X
SACI06080	M6 x 80	5,727	100

SA-CI

Cistern fixing kit



2 PCS x KIT

ALSO AVAILABLE
easykits



CODE	SIZE	€/KIT	KITS X
SAWH06070	M6 x 70	2,184	50

SA-WH

Horizontal WC fixing kit



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/KIT	KITS X
SAWHM06060	∅6x60	5,458	50

SA-WHM

Horizontal multiposition fixing elements for WC



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/100	KITS X
SATEB0860	∅8x60	125,757	50
SATEB1080	∅10x80	222,700	50

SA-TE TB

Fixing elements for boilers and heaters. Screw



2 PCS x KIT

TN4S
With multimaterial high-quality nylon plug



CODE	SIZE	€/100	KITS X
SATEA0865	∅8x65	119,917	50
SATEA1075	∅10x75	168,137	50

SA-TE AL

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	32,848	1
COS015450	1,5 x 450	35,757	1
COS015500	1,5 x 500	44,049	1
COS020400	2 x 400	49,933	1
COS020450	2 x 450	53,778	1
COS020500	2 x 500	54,947	1



CO-KS

Silent block support kit for AC



4 PCS
x KIT

CODE	SIZE	€/KIT	KITS X
COKS08060	M8 x 60	7,410	1





THREADED ROD AND FIXING ACCESSORIES



RV

Threaded rod

RV-ZN

Zinc-plated. 1 meter



METAL



CODE	SIZE	€/100	PITCH	
975ZM04	M4 x 1000	115,343	0,7	100
975ZM05	M5 x 1000	153,790	0,8	100
975ZM06	M6 x 1000	150,373	1	100
975ZM08	M8 x 1000	262,817	1,25	50
975ZM10	M10 x 1000	396,090	1,5	25
975ZM12	M12 x 1000	615,293	1,75	20
975ZM14	M14 x 1000	845,333	2	10
975ZM16	M16 x 1000	1.082,177	2	10
975ZM18	M18 x 1000	1.518,877	2,5	10
975ZM20	M20 x 1000	1.929,363	2,5	5
975ZM22	M22 x 1000	2.605,157	2,5	5
975ZM24	M24 x 1000	2.751,817	3	5
975ZM27	M27 x 1000	3.178,493	3	5
975ZM30	M30 x 1000	4.200,437	3,5	5
975ZM33	M33 x 1000	5.168,790	3,5	3
975ZM36	M36 x 1000	6.111,487	4	3

NEW RV-ZN 8.8

8.8, zinc-plated



METAL



CODE	SIZE	€/100	METRIC	LENGTH	PITCH	
9758ZM05	M5 x 1000	207,617	M5	1.000	,8	100
9758ZM06	M6 x 1000	213,537	M6	1.000	1	100
9758ZM08	M8 x 1000	367,940	M8	1.000	1,25	50
9758ZM10	M10 x 1000	554,530	M10	1.000	1,5	25
9758ZM12	M12 x 1000	830,640	M12	1.000	1,75	20
9758ZM14	M14 x 1000	1.141,207	M14	1.000	2	10
9758ZM16	M16 x 1000	1.406,827	M16	1.000	2	10
9758ZM18	M18 x 1000	1.944,157	M18	1.000	2,5	5
9758ZM20	M20 x 1000	2.430,997	M20	1.000	2,5	5
9758ZM22	M22 x 1000	3.282,487	M22	1.000	2,5	5
9758ZM24	M24 x 1000	3.439,773	M24	1.000	3	5
9758ZM27	M27 x 1000	3.941,337	M27	1.000	3	5
9758ZM30	M30 x 1000	5.124,530	M30	1.000	3,5	5
9758ZM33	M33 x 1000	6.202,553	M33	1.000	3,5	3
9758ZM36	M36 x 1000	7.333,787	M36	1.000	4	3

RV-A2

A2 Stainless steel. 1 meter



STAINLESS STEEL



CODE	SIZE	€/100	PITCH	
975A2M04	M4 x 1000	380,780	0,7	1
975A2M05	M5 x 1000	449,000	0,8	1
975A2M06	M6 x 1000	619,920	1	1
975A2M08	M8 x 1000	1.006,010	1,25	1
975A2M10	M10 x 1000	1.457,350	1,5	1
975A2M12	M12 x 1000	2.218,653	1,75	1
975A2M14	M14 x 1000	3.885,137	2	1
975A2M16	M16 x 1000	4.486,253	2	1
975A2M18	M18 x 1000	4.894,093	2,5	1
975A2M20	M20 x 1000	6.753,847	2,5	1
975A2M22	M22 x 1000	7.894,990	2,5	1
975A2M24	M24 x 1000	10.657,117	3	1
975A2M27	M27 x 1000	12.844,027	3	1
975A2M30	M30 x 1000	19.989,633	3,5	1
975A2M33	M33 x 1000	25.095,807	3,5	1
975A2M36	M36 x 1000	28.864,247	4	1



Threaded rod

RV

METAL



RV-2M

Zinc-plated. 2 meters

CODE	SIZE	€/100	PITCH	
975ZM2M06	M6 x 2.000	300,747	1	50



2 M.

Small threaded bolt

VR-SE

METAL



CODE	SIZE	€/100		
VRSE06020	M6 x 20	12,153	200	4.800
VRSE06030	M6 x 30	17,090	200	4.800
VRSE08020	M8 x 20	15,893	200	3.200
VRSE08030	M8 x 30	21,287	200	2.400
VRSE10030	M10 x 30	31,257	200	2.400
VRSE12030	M12 x 30	64,071	100	800



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSVRSE06030	M6 x 30	6,740	30	8

Coupling nut

MA

METAL



MA-HE

Coupling nut. Hexagonal

CODE	SIZE	€/100	LENGTH		
MAE0620	M6 x 20	19,803	20	200	2.400
MAE0630	M6 x 30	26,715	30	200	1.600
MAE0825	M8 x 25	21,640	25	200	1.600
MAE1030	M10 x 30	28,802	30	150	900
MAE1235	M12 x 35	67,211	35	100	600
MAE1650	M16 x 50	207,274	50	50	100
MAE2060	M20 x 60	565,844	60	25	-



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZMAE0630	M6 x 30	2,565	6	15	VMAE0630	M6 x 30	7,171	20	8	LSMAE0630	M6 x 30	12,429	40	6
BZMAE0825	M8 x 25	2,565	6	15	VMAE0825	M8 x 25	5,788	20	8	LSMAE0825	M8 x 25	7,593	30	5
BZMAE1030	M10 x 30	2,565	4	15	VMAE1030	M10 x 30	6,068	15	8	LSMAE1030	M10 x 30	6,736	20	6

MA

Coupling nut

MA-RE

Coupling nut. Round

METAL



CODE	SIZE	€/100	LENGTH		
MAR5322	5/32W x 20	24,658	20	200	4.800
MAR0420	M4 x 20	16,542	20	200	4.800
MAR0620	M6 x 20	17,455	20	200	2.400
MAR0630	M6 x 30	25,929	30	200	1.600
MAR0825	M8 x 25	21,640	25	200	2.400
MAR0830	M8 x 30	26,838	30	200	1.600
MAR1030	M10 x 30	28,641	30	150	900
MAR1235	M12 x 35	48,393	35	100	600
MAR1650	M16 x 50	172,721	50	50	300



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES
VMAR0420	M4 x 20	5,530	25	8
VMAR0630	M6 x 30	6,935	20	8
VMAR0830	M8 x 30	7,178	20	8
VMAR1030	M10 x 30	5,792	15	8



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
LSMAR0420	M4 x 20	7,736	40	8
LSMAR0630	M6 x 30	12,134	40	7
LSMAR0830	M8 x 30	10,991	35	5
LSMAR1030	M10 x 30	6,759	20	6

MA-RI

Coupling nut. Round. A2 Stainless steel

STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
MARI0830	M8 x 30	207,170	30	100
MARI1030	M10 x 30	285,210	30	100

MA-MH

Spacer nut Male/Female

METAL



CODE	SIZE	€/100	LENGTH		
MAMH0610	M6 x 10	44,537	10	100	3.000
MAMH0620	M6 x 20	54,767	20	100	1.200
MAMH0630	M6 x 30	86,370	30	100	1.200
MAMH0640	M6 x 40	98,223	40	100	1.000
MAMH0650	M6 x 50	109,817	50	50	1.000



Threaded screw clamp and staple

TAG



CODE	SIZE	€/100		
ABTA0630	M6 x 30	5,350	100	4,500
ABTA0640	M6 x 40	6,420	100	2,400
ABTA0650	M6 x 50	7,253	100	2,400
ABTA0730*	M7 x 30	5,203	100	2,400
ABTA0740*	M7 x 40	6,420	100	2,400
ABTA0750*	M7 x 50	7,253	100	2,400
ABTA0760*	M7 x 60	12,557	100	1,200
ABTA0770*	M7 x 70	16,543	100	1,200
ABTA0780*	M7 x 80	18,177	100	1,200
ABTA0840	M8 x 40	8,917	100	2,400
ABTA0860	M8 x 60	11,890	100	1,200
ABTA0880	M8 x 80	17,073	100	1,200
ABTA1050	M10 x 50	19,990	100	1,200
ABTA1070	M10 x 70	25,547	100	800
ABTA1090	M10 x 90	31,833	100	600

* Not include slot



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
LSABTA0630	M6 x 30	2,723	15	10
LSABTA0640	M6 x 40	2,891	15	10
LSABTA0650	M6 x 50	3,068	15	10
LSABTA0840	M8 x 40	3,669	15	10
LSABTA0860	M8 x 60	4,015	15	10



CODE	SIZE	€/100		
ABTAB0630	M6 x 30	5,350	100	4,500
ABTAB0640	M6 x 40	6,420	100	2,400
ABTAB0650	M6 x 50	7,253	100	2,400



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
LSABTAB0630	M6 x 30	2,723	15	10
LSABTAB0640	M6 x 40	2,891	15	10
LSABTAB0650	M6 x 50	3,068	15	10

STAINLESS STEEL



CODE	SIZE	€/100		
ABTA20630	M6 x 30	78,334	100	2,400

AB-TA A2

A2 Stainless steel



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CODE	SIZE	€/100			
ABTG4530	4,5 x 30	7,286	PZ2	100	4,500
ABTG4535	4,5 x 35	7,755	PZ2	100	4,500
ABTG4540	4,5 x 40	8,078	PZ2	100	2,400
ABTG5030	5 x 30	9,632	PZ3	100	2,400
ABTG5040	5 x 40	10,197	PZ3	100	2,400

AB-TG

Threaded screws for clips



02 Technical info. P. 248

TAG

Threaded screw clamp and staple

TM-VR

Screw Coupling nut for threaded rod



CODE	SIZE	€/100		
TMVR06065	6 x 65	147,887	50	1.200
TMVR07065	7 x 65	154,937	50	1.200
TMVR08065	8 x 65	158,077	50	1.200

ES-DR

Double threaded screw

ES-DR

Zinc-plated. Tx



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 Technical
 info.

CODE	SIZE		€/100	MXL	SW*		
ESDR06040	M6 x 40	TX15	10,903	M6 x 40	-	100	3.000
ESDR06050	M6 x 50	TX15	13,000	M6 x 50	-	100	2.400
ESDR06060	M6 x 60	TX15	15,010	M6 x 60	-	100	2.400
ESDR06070	M6 x 70	TX15	17,560	M6 x 70	-	100	1.600
ESDR06080	M6 x 80	TX15	19,653	M6 x 80	-	100	1.600
ESDR08050	M8 x 50	TX25	14,750	M8 x 50	-	100	1.600
ESDR08060	M8 x 60	TX25	17,913	M8 x 60	-	100	800
ESDR08070	M8 x 70	TX25	20,503	M8 x 70	-	100	800
ESDR08080	M8 x 80	TX25	23,030	M8 x 80	6	100	800
ESDR08090	M8 x 90	TX25	24,900	M8 x 90	6	100	800
ESDR08100	M8 x 100	TX25	26,693	M8 x 100	6	100	800
ESDR08110	M8 x 110	TX25	30,503	M8 x 110	6	100	800
ESDR08120	M8 x 120	TX25	37,830	M8 x 120	6	100	800
ESDR08130	M8 x 130	TX25	44,660	M8 x 130	6	100	800
ESDR10080	M10 x 80	TX25	35,700	M10 x 80	8	100	800
ESDR10100	M10 x 100	TX25	42,840	M10 x 100	8	100	400
ESDR10110	M10 x 110	TX25	47,737	M10 x 110	8	100	400
ESDR10120	M10 x 120	TX25	59,680	M10 x 120	8	100	400
ESDR10130	M10 x 130	TX25	73,353	M10 x 130	8	100	400
ESDR10140	M10 x 140	TX25	78,063	M10 x 140	8	100	400
ESDR10150	M10 x 150	TX25	82,613	M10 x 150	8	100	400
ESDR10180	M10 x 180	TX25	111,637	M10 x 180	8	100	300
ESDR10200	M10 x 200	TX25	124,113	M10 x 200	8	100	200



Self-Service

CODE	SIZE	€/BAG	PCS. 	BAGS
LSESDR06080	M6 x 80	5,520	25	7
LSESDR08060	M8 x 60	5,659	25	7
LSESDR08080	M8 x 80	7,018	25	6
LSESDR08100	M8 x 100	8,273	25	6
LSESDR08120	M8 x 120	8,412	20	6
LSESDR10080	M10 x 80	7,951	20	6
LSESDR10100	M10 x 100	8,644	18	6
LSESDR10120	M10 x 120	9,138	15	7

*SW: hexagon in the middle



ES-DA2

A2 Stainless steel. Tx

STAINLESS STEEL



CODE	SIZE	€/100		
ESDA208060	M8 x 60	115,807	100	800
ESDA210060	M10 x 60	215,433	100	800

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 Technical
 info.



Brass expansion anchor for light fastenings in solid materials

TALA



CODE	SIZE	€/100		
TALA532	W5/32 x 16 Ø5	11,680	300	9.600
TALAM04	M4 x 16 Ø5	11,680	300	9.600
TALAM05	M5 x 18 Ø6	19,060	200	6.400
TALAM06	M6 x 23 Ø8	26,283	200	4.800
TALAM08	M8 x 28 Ø10	47,187	100	2.400
TALAM10	M10 x 33 Ø12	73,710	150	1.800
TALAM12	M12 x 38 Ø15	158,607	150	900



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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	3,427	4	20	VTALAM06	M6 x 23 Ø8	8,285	25	8	LSTALAM06	M6 x 23 Ø8	14,910	50	8
BZTALAM08	M8 x 28 Ø10	3,427	4	20	VTALAM08	M8 x 28 Ø10	8,797	15	8	LSTALAM08	M8 x 28 Ø10	15,841	30	7
BZTALAM10	M10 x 33 Ø12	3,427	2	15	VTALAM10	M10 x 33 Ø12	13,864	15	8	LSTALAM10	M10 x 33 Ø12	20,791	25	5

Steel expansion plug

TA-ME



CODE	SIZE	€/100	MIN. ORDER QTY.		
TAME05030	M5 x 30 Ø5	13,907	200	100	4.500
TAME06032	M6 x 32 Ø6	15,607	200	100	2.400
TAME08038	M8 x 38 Ø8	25,880	200	100	1.200
TAME08060	M8 x 60 Ø8	35,810	100	50	600
TAME10060	M10 x 60 Ø10	41,653	50	50	600



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Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTAME06032	M6 x 32 Ø6	3,427	4	20
BZTAME08038	M8 x 38 Ø8	3,427	4	20
BZTAME08060	M8 x 60 Ø8	3,427	4	20
BZTAME10060	M10 x 60 Ø10	3,427	4	20

Metal nail plug with steel drill

TC-MA **NEW**



CODE	SIZE	€/100		
TCMA05022	5 x 22 Ø5	16,460	100	2.400
TCMA06030	6 x 30 Ø6	24,667	100	2.400
TCMA06040	6 x 40 Ø6	27,693	100	1.200
TCMA06050	6 x 50 Ø6	31,847	100	1.200



HE

Drop-in anchor with internal thread for heavy loads

HE-HO

Zinc-plated. Opt.7 ETA Assessed & for non-structural applications



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CODE	SIZE	€/100	LENGTH		
HEHOM06	M6 x 25 Ø8	20,387	25	100	3.200
HEHOM08	M8 x 30 Ø10	26,417	30	100	1.600
HEHOM10	M10 x 40 Ø12	44,183	40	50	800
HEHOM12	M12 x 50 Ø15	81,223	50	50	400
HEHOM16	M16 x 65 Ø20	208,487	65	25	200
HEHOM20	M20 x 80 Ø25	417,756	80	25	100
HEHOM12D	M12 x 50 Ø16	94,803	50	50	400



HE-A4

A4 Stainless steel. ETA Assessed for non-structural applications



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CODE	SIZE	€/100	LENGTH		
HEA4M06	M6 x 25 Ø8	110,967	25	100	4.000
HEA4M08	M8 x 30 Ø10	158,223	30	100	2.200
HEA4M10	M10 x 40 Ø12	237,783	40	50	1.000
HEA4M12	M12 x 50 Ø15	473,433	50	50	600
HEA4M16	M16 x 65 Ø20	1.057,930	65	25	250
HEA4M20	M20 x 80 Ø25	1.932,287	80	25	100



HE-CL

With collar. Zinc-plated. Opt.7 ETA Assessed & for non-structural applications



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CODE	SIZE	€/100	LENGTH		
HECLOM06	M6 x 25 Ø8	24,113	25	100	3.200
HECLOM08	M8 x 30 Ø10	33,280	30	100	1.600
HECLOM10	M10 x 40 Ø12	52,030	40	50	800
HECLOM12	M12 x 50 Ø15	94,430	50	50	400
HECLOM16	M16 x 65 Ø20	265,429	65	25	200
HECLOM12D	M12 x 50 Ø16	110,103	50	50	400

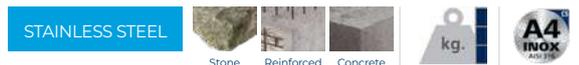


NEW HE-C4

With collar. A4 Stainless steel. ETA Assessed for non-structural applications



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CODE	SIZE	€/100	LENGTH		
HEC4M06	M6 x 25 Ø8	152,948	25	100	3.200
HEC4M08	M8 x 30 Ø10	218,993	30	100	1.600
HEC4M10	M10 x 40 Ø12	338,341	40	50	800
HEC4M12	M12 x 50 Ø15	608,319	50	50	400





Drop-in anchor with internal thread for heavy loads

HE

SOLID



CODE	SIZE	€/100	LENGTH		
HENOM06	M6 x 25 Ø8	14,640	25	100	4.000
HENOM08	M8 x 30 Ø10	20,217	30	100	2.200
HENOM10	M10 x 40 Ø12	33,810	40	50	1.000
HENOM12	M12 x 50 Ø15	62,147	50	50	600
HENOM16	M16 x 65 Ø20	156,610	65	25	250
HENOM20	M20 x 80 Ø25	307,353	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	3,427	4	20	VHENOM06	M6 x 25 Ø8	3,398	15	8	LSHENOM06	M6 x 25 Ø8	5,639	30	7
BZHENOM08	M8 x 30 Ø10	3,427	4	20	VHENOM08	M8 x 30 Ø10	4,148	15	8	LSHENOM08	M8 x 30 Ø10	7,463	30	7
BZHENOM10	M10 x 40 Ø12	3,427	2	15						LSHENOM10	M10 x 40 Ø12	7,169	16	7

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HE-NO

Zinc-plated



Washer for clamps

AB-F

CODE	SIZE	€/100		
ABFP25	25	6,503	100	2.400
ABFP32	32	9,563	100	2.400



AB-FP

Flat washer for clamps



CODE	SIZE	€/100		
ABFC09	9	10,550	100	2.400
ABFC14	14	16,440	100	1.200
ABFC19	19	26,220	100	1.200



AB-FC

Conical washer for clamps



CODE	SIZE	€/100		
ABTR05030	M5 x 30	10,047	100	2.400
ABTR05040	M5 x 40	10,403	100	2.400
ABTR05050	M5 x 50	11,597	100	2.400
ABTR05060	M5 x 60	13,737	100	1.200
ABTR06040	M6 x 40	13,273	100	2.400
ABTR06050	M6 x 50	16,100	100	1.200
ABTR06060	M6 x 60	18,487	100	1.200



AB-TR

Threaded screw for clamps



02 Technical info P. 251

CODE	SIZE	€/100		
ABPM720	20	104,347	50	2.250
ABPM730	30	136,737	50	2.250
ABPM740	40	153,987	50	1.200



AB-PM7

Cylindrical spacer for clamps M7



PF

Flat bar for fixation

PF-ZN

Zinc-plated



METAL



CODE	SIZE	€/100		
PFZNM0800	M8	55,630	100	600
PFZNM0810	M8 + M10	69,940	100	600
PFZNM1000	M10	67,283	100	600

PF-A4

A4 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100		
PFA4M0800	M8	303,137	100	600
PFA4M0810	M8 + M10	361,303	100	600
PFA4M1000	M10	346,320	100	600



PLASTIC FIXINGS



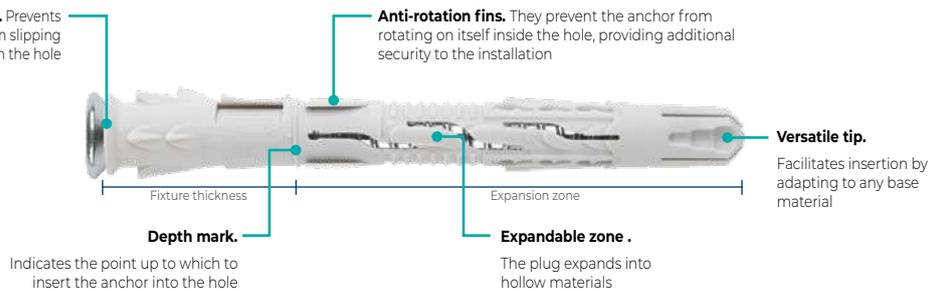
T-NUX

High-performance universal nylon plugs for use in concrete and masonry are a versatile and professional solution. They allow installation with the highest security guarantees thanks to the fact that they have ETE approval and fire resistance.

Their design allows the plug to adapt to any type of base material, whether solid or hollow. Also, it allows the load to be spread throughout the entire plug, thanks to a controlled expansion at different points of the material where it is installed.



DESIGN AND GEOMETRY



APPLICATIONS



- Fixing of window and door frames.
- Garage doors.
- Railings.
- Balustrades.
- Fixing of screens.
- Rehabilitation of façades.
- Fixing of metal substructures for ventilated façades.
- Interior and exterior uses.
- Fixing of stone panels for façade cladding.

QUALITIES AND ADVANTAGES



MAXIMUM VERSATILITY. MULTI-MATERIAL.

Their design allows the plug to adapt to any type of base material, whether solid or hollow. Particularly suitable for when the base material where the fixation is made is unknown.

MAXIMUM GUARANTEES. PRODUCTS APPROVED ACCORDING TO THE HIGHEST QUALITY STANDARDS.

- Approved (ETA 14/0467) for non-structural uses in concrete, aerated concrete, solid brick, hollow brick and concrete block (in sizes Ø8 and Ø10)
- Approved for fire resistance R30-R120 in concrete

*The anchor is approved when the plug and the screw are used together, not separately. Using approved anchors provides safety and quality to the anchor, meeting the highest quality standards.



QUALITY PRODUCT

The T-NUX anchor is made up of two top quality elements, a Polyamide 6 nylon plug and a screw (see different alternatives in the range. The loose plug is also available).



MAXIMUM PERFORMANCE

The geometry of the plug means that when inserting the screw, the plug expands in a uniform way and provides a high-performance fixing of up to 202 Kg per anchor (see technical data sheet).

100% INDEX MANUFACTURED

This allows us to ensure a rigorous control of processes, guarantee the highest quality in our products, provide the best service and obtain a competitive global cost.

RANGE



PRODUCT	T-NUX A	T-NUX A A4	T-NUX E	T-NUX E A4	T-NUX T	T-FUX E	T-NUX
HEAD OF THE SCREW	Countersunk	Countersunk	Hexagonal	Hexagonal	Tamper-proof truss	Hexagonal without washer	Stud
COATING/SCREW MATERIAL	Z	A4 INOX	Z	A4 INOX	Z	Z	-
TYPE OF HEAD OF THE PLUG							
CE NON STRUCTURAL FIXINGS	✓	✓	✓	✓	✓	✓	
FIRE RESISTANCE	✓	✓	✓	✓	✓	✓	

THE PERFECT COATING ACCORDING TO THE EXPECTED LEVELS OF CORROSION



A4 Stainless Steel: Suitable for indoor and outdoor applications, in coastal or industrial areas, areas exposed to high pollution levels and areas near roads.



Zinc coating: suitable for use in dry indoor conditions (category C1 according to ISO 923), for a period of 50 years.

Universal high performance nylon plug

T-NUX

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
• TNUXA08060	8 x 60 Ø8	55,730	TX30	-	50	600
• TNUXA08080	8 x 80 Ø8	61,000	TX30	10	50	600
• TNUXA08100	8 x 100 Ø8	76,253	TX30	30	50	600
• TNUXA08120	8 x 120 Ø8	87,190	TX30	50	50	300
• TNUXA10060	10 x 60 Ø10	82,597	TX40	-	50	300
TNUXA10080	10 x 80 Ø10	101,540	TX40	10	50	300
TNUXA10100	10 x 100 Ø10	114,730	TX40	30	50	300
TNUXA10120	10 x 120 Ø10	132,177	TX40	50	50	300
TNUXA10140	10 x 140 Ø10	164,220	TX40	70	50	300
TNUXA10160	10 x 160 Ø10	175,280	TX40	90	50	200
TNUXA10180	10 x 180 Ø10	239,477	TX40	110	50	150
TNUXA10200	10 x 200 Ø10	290,320	TX40	130	50	150
TNUXA10230	10 x 230 Ø10	338,530	TX40	160	50	100

• Non-assessed sizes

• Non-assessed sizes for Fire Resisten



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	3,427	2 15	VTNUXA08080	8 x 80 Ø8	6,048	8 8	LSTNXA08080	8 x 80 Ø8	7,074	10 8
BZTNXA08100	8 x 100 Ø8	3,427	2 15	VTNUXA08100	8 x 100 Ø8	7,559	8 8	LSTNXA08100	8 x 100 Ø8	8,422	10 8
BZTNXA08120	8 x 120 Ø8	3,427	2 15	VTNUXA10080	10 x 80 Ø10	10,063	8 8	LSTNXA08120	8 x 120 Ø8	9,273	8 8
BZTNXA10080	10 x 80 Ø10	3,427	2 15	VTNUXA10100	10 x 100 Ø10	11,373	8 8	LSTNXA10080	10 x 80 Ø10	9,968	8 8
BZTNXA10100	10 x 100 Ø10	3,427	2 15					LSTNXA10100	10 x 100 Ø10	7,602	6 6
BZTNXA10120	10 x 120 Ø10	3,427	2 15								

STAINLESS STEEL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
• TNXA408080	8 x 80 Ø8	264,814	TX30	10	50	600
• TNXA408100	8 x 100 Ø8	319,321	TX30	30	50	600
• TNXA408120	8 x 120 Ø8	394,477	TX30	50	50	300
TNXA410080	10 x 80 Ø10	337,061	TX40	10	50	300
TNXA410100	10 x 100 Ø10	402,435	TX40	30	50	300
TNXA410120	10 x 120 Ø10	468,663	TX40	50	50	300
TNXA410140	10 x 140 Ø10	555,749	TX40	70	50	300

• Non-assessed sizes for Fire Resisten

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
• TNUXE08060	8 x 60 Ø8	64,090	TX30	H10	-	50
• TNUXE08080	8 x 80 Ø8	73,037	TX30	H10	10	50
• TNUXE08100	8 x 100 Ø8	92,263	TX30	H10	30	50
• TNUXE08120	8 x 120 Ø8	108,050	TX30	H10	50	300
• TNUXE10060	10 x 60 Ø10	94,403	TX40	H13	-	50
TNUXE10080	10 x 80 Ø10	111,317	TX40	H13	10	50
TNUXE10100	10 x 100 Ø10	129,080	TX40	H13	30	50
TNUXE10120	10 x 120 Ø10	172,220	TX40	H13	50	300
TNUXE10140	10 x 140 Ø10	219,787	TX40	H13	70	50
TNUXE10160	10 x 160 Ø10	220,300	TX40	H13	90	50
TNUXE10180	10 x 180 Ø10	265,590	TX40	H13	110	50
TNUXE10200	10 x 200 Ø10	351,127	TX40	H13	130	50
TNUXE10230	10 x 230 Ø10	427,877	TX40	H13	160	100

• Non-assessed sizes

• Non-assessed sizes for Fire Resisten



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	3,427	2 15	VTNUXE08080	8 x 80 Ø8	7,242	8 8	LSTNXE08080	8 x 80 Ø8	8,064	10 8
BZTNXE08100	8 x 100 Ø8	3,427	2 15	VTNUXE08100	8 x 100 Ø8	9,146	8 8	LSTNXE08100	8 x 100 Ø8	10,190	10 8
BZTNXE08120	8 x 120 Ø8	3,427	2 15	VTNUXE10080	10 x 80 Ø10	11,035	8 8	LSTNXE08120	8 x 120 Ø8	10,696	8 8
BZTNXE10080	10 x 80 Ø10	3,427	2 15	VTNUXE10100	10 x 100 Ø10	12,792	8 8	LSTNXE10080	10 x 80 Ø10	7,377	6 6
BZTNXE10100	10 x 100 Ø10	3,427	2 15					LSTNXE10100	10 x 100 Ø10	8,556	6 6
BZTNXE10120	10 x 120 Ø10	3,427	2 15								

T-NUX A

Countersunk head. Zinc-plated. ETA Assessed



Technical info P. 252



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

T-NUX A A4

A4 Stainless steel. Countersunk head. ETA Assessed



Technical info P. 252



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

T-NUX E

Hexagonal head. Zinc-plated. ETA Assessed



Technical info P. 252



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. 252



CODE	SIZE	€/100			THICKNESS MAX. FIXTURE		
• TNXE408080	8 x 80 Ø8	371,738	TX30	H10	10	50	600
• TNXE408100	8 x 100 Ø8	440,603	TX30	H10	30	50	300
TNXE410080	10 x 80 Ø10	493,074	TX40	H13	10	50	300
TNXE410100	10 x 100 Ø10	514,943	TX40	H13	30	50	300
TNXE410120	10 x 120 Ø10	618,968	TX40	H13	50	50	300
TNXE410140	10 x 140 Ø10	722,024	TX40	H13	70	50	200

• Non-assessed sizes for Fire Resisten

T-NUX T

Tamperproof Truss Head. Zinc-plated. ETA Assessed



02 Technical info P. 253



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
TNUXT10080	10 x 80 Ø10	114,740	TX40	10	50	300
TNUXT10100	10 x 100 Ø10	129,647	TX40	30	50	300
TNUXT10120	10 x 120 Ø10	152,260	TX40	50	50	200
TNUXT10140	10 x 140 Ø10	189,173	TX40	70	50	200
TNUXT10160	10 x 160 Ø10	201,910	TX40	90	50	200

*Tamperproof includes

T-FUX E

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



02 Technical info P. 253



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
TFUXE10080	10 x 80 Ø10	124,287	TX40	10	50	300
TFUXE10100	10 x 100 Ø10	144,123	TX40	30	50	200
TFUXE10120	10 x 120 Ø10	188,147	TX40	50	50	200



T-NUX

Nylon plug



CODE	SIZE	€/100		
TNUX08060	8 x 60	25,637	50	800
TNUX08080	8 x 80	27,647	50	600
TNUX08100	8 x 100	31,870	50	600
TNUX08120	8 x 120	35,150	50	600
TNUX10060	10 x 60	33,043	50	600
TNUX10080	10 x 80	33,507	50	600
TNUX10100	10 x 100	40,777	50	600
TNUX10120	10 x 120	48,037	50	600
TNUX10140	10 x 140	62,563	50	300

Polyamide 6.6 Hammerfix plug. Preassembled saw-tooth screw

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE	MIN. ORDER QTY.		
TCCA05025	5 x 25 Ø5	7,357	PZ2	5	400	100	2.400
TCCA05030	5 x 30 Ø5	7,690	PZ2	5	400	100	2.400
TCCA05035	5 x 35 Ø5	8,697	PZ2	10	400	100	2.400
TCCA05050	5 x 50 Ø5	9,827	PZ2	25	200	100	1.200
TCCA06035	6 x 35 Ø6	9,480	PZ2	10	400	100	1.200
TCCA06040	6 x 40 Ø6	9,570	PZ2	10	400	100	1.200
TCCA06050	6 x 50 Ø6	11,613	PZ2	20	200	100	1.200
TCCA06060	6 x 60 Ø6	13,597	PZ2	30	200	100	1.200
TCCA06070	6 x 70 Ø6	16,797	PZ2	40	200	100	1.200
TCCA06080	6 x 80 Ø6	18,293	PZ2	50	200	100	1.200
TCCA08060	8 x 60 Ø8	20,487	PZ3	20	200	100	600
TCCA08080	8 x 80 Ø8	25,943	PZ3	40	200	100	600
TCCA08100	8 x 100 Ø8	31,720	PZ3	60	100	100	600
TCCA08120	8 x 120 Ø8	38,376	PZ3	80	100	100	400
TCCA08140	8 x 135 Ø8	48,175	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	2,565	4 20	VTCCA05025	5 x 25 Ø5	3,165	30 8	LSTCCA05025	5 x 25 Ø5	3,380	30 10
BZTCCA05050	5 x 50 Ø5	2,565	4 20	VTCCA05030	5 x 30 Ø5	3,322	30 8	LSTCCA05030	5 x 30 Ø5	3,562	30 8
BZTCCA06040	6 x 40 Ø6	2,565	4 20	VTCCA05035	5 x 35 Ø5	3,662	30 8	LSTCCA05035	5 x 35 Ø5	3,794	30 7
BZTCCA06050	6 x 50 Ø6	2,565	4 20	VTCCA05050	5 x 50 Ø5	4,044	30 8	LSTCCA05050	5 x 50 Ø5	4,264	30 7
BZTCCA06060	6 x 60 Ø6	2,565	4 20	VTCCA06035	6 x 35 Ø6	3,901	30 8	LSTCCA06035	6 x 35 Ø6	4,233	30 7
BZTCCA06070	6 x 70 Ø6	2,565	4 20	VTCCA06040	6 x 40 Ø6	4,002	30 8	LSTCCA06040	6 x 40 Ø6	4,283	30 6
BZTCCA08060	8 x 60 Ø8	2,565	4 20	VTCCA06050	6 x 50 Ø6	4,395	30 8	LSTCCA06050	6 x 50 Ø6	4,407	25 6
BZTCCA08080	8 x 80 Ø8	2,565	4 20	VTCCA06060	6 x 60 Ø6	4,534	25 8	LSTCCA06060	6 x 60 Ø6	5,075	25 6
BZTCCA08100	8 x 100 Ø8	2,565	2 20	VTCCA06070	6 x 70 Ø6	5,599	25 8	LSTCCA06070	6 x 70 Ø6	5,545	25 6
BZTCCA08120	8 x 120 Ø8	2,565	2 20	VTCCA08060	8 x 60 Ø8	5,448	20 8	LSTCCA08060	8 x 60 Ø8	5,503	20 6
				VTCCA08080	8 x 80 Ø8	6,953	20 8	LSTCCA08080	8 x 80 Ø8	6,888	20 6

MULTI-MATERIAL



CODE	SIZE	€/JAR		THICKNESS MAX. FIXTURE	MIN. ORDER QTY.	PCS X JAR
TCCAEP5030	5 x 30 Ø5	53,842	PZ2	5	2 jars	750
TCCAEP6040	6 x 40 Ø6	45,068	PZ2	10	2 jars	500



TC-CA EP

Plastic container



ALSO AVAILABLE
easykits

02 Technical info
P. 253



High expansion hammerfix plug

TC-SP

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
TCSP05027	5 x 27	8,593	PZ2	5	100	2.400
TCSP06032	6 x 32	10,113	PZ2	5	100	1.200
TCSP06040	6 x 40	10,480	PZ2	10	100	1.200

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TC-SP

With countersunk head

MULTI-MATERIAL



CODE	SIZE	€/JAR		THICKNESS MAX. FIXTURE	PCS X JAR
TCSP05027	5 x 27	62,439	PZ2	5	750
TCSP06032	6 x 32	49,038	PZ2	5	500
TCSP06040	6 x 40	50,643	PZ2	10	500



TC-SP EP

Plastic container



TN4S

The INDEX TN4S expansion plugs offer maximum performance thanks to their 4-way expansion. They stand out for their versatility in installation, being suitable for application both in solid materials (concrete, solid brick), and in hollow materials (hollow brick, hollow concrete blocks, plasterboard). They can support loads of more than 600 kg per support point. They are manufactured with high-quality Nylon® (polyamide 6).



QUALITIES AND ADVANTAGES



MAXIMUM PERFORMANCE

It expands in 4 directions, guaranteeing perfect adherence to the base material. In hollow materials, when the screw/lag screw is inserted, the plug expands by retracting and pressing on the base material and providing a correct grip.



MULTI-MATERIAL

Recommended for both solid (concrete, stone, solid brick, adobe brick, cellular concrete), and hollow base materials (hollow brick, hollow block, plasterboard, alveolar plates).



VERSATILITY

Recommended for use with a wide range of screws (chipboard screws, countersunk screws, coach screws...), as well as other types of products (hooks or eyes).



EASY TO USE

The collar prevents the plug from slipping into the base material during installation. The plug has several lateral anti-rotation fins that help prevent the plug from turning when inserting the screw/lag screw.

APPLICATIONS



- Fences
- Railings
- Supports
- Shelving
- Signs
- Sanitary and/or bathroom facilities
- Paintings
- Light elements
- Illumination
- Baseboards
- Mailboxes
- TV cabinets
- Wiring ducts
- Furniture

TN4S

4-way expansion plug for all materials

TN4S

Plug



Technical info
P. 254

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (Ø L)	MIN. ORDER QTY.		
TN4S05	5 x 25 Ø5	3,973	Ø2,5 - Ø4 L: 30 mm.	400	100	4.200
TN4S06	6 x 30 Ø6	4,153	Ø3,5 - Ø4,5 L: 40 mm.	400	100	3.200
TN4S08	8 x 40 Ø8	6,513	Ø4,5 - Ø6 L: 50 mm.	400	100	1.600
TN4S10	10 x 50 Ø10	11,693	Ø6 - Ø8 L: 60 mm.	200	50	800
TN4S12	12 x 60 Ø12	23,660	Ø8 - Ø10 L: 70 mm.	50	25	400
TN4S14	14 x 70 Ø14	30,747	Ø10 - Ø12 L: 80 mm.	40	20	320

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTN4S05	5 x 25 Ø5	2,565	25	15
BZTN4S06	6 x 30 Ø6	2,565	25	15
BZTN4S08	8 x 40 Ø8	2,565	15	10
BZTN4S10	10 x 50 Ø10	2,565	10	10
BZTN4S12	12 x 60 Ø12	2,565	6	10



TN4S EP

Plastic container



MULTI-MATERIAL



CODE	SIZE	€/JAR	MIN. ORDER QTY.	PCS X JAR
TN4S06EP	6 x 30 Ø6	38,217	2 jars	1.000
TN4S08EP	8 x 40 Ø8	30,253	2 jars	500
TN4S10EP	10 x 50 Ø10	32,275	2 jars	300



Nylon plug

TACON

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (mm)	MIN. ORDER QTY.		
TACON04	4 x 20 Ø4	2,543	TPPO 2,5-3	400	100	8.000
TACON05	5 x 25 Ø5	1,837	TPPO 2,5-4	400	100	8.000
TACON06	6 x 30 Ø6	1,883	TPPO 3,5-4	400	100	9.000
TACON07	7 x 30 Ø7	3,933	TPPO 4-4,5	400	100	5.000
TACON08	8 x 40 Ø8	3,710	TPPO 4,5 , TB 5-6	400	100	5.000
TACON10	10 x 50 Ø10	6,253	TB 6-8	200	50	2.500
TACON12	12 x 60 Ø12	11,460	TB 8-10	100	25	1.250
TACON14	14 x 70 Ø14	18,527	TB 10-12	80	20	1.000
TACON16	16 x 80 Ø16	105,017	TB 12-14	40	10	500

TACON

Plug



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Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZTACON04	4 x 20 Ø4	2,029	25	15
BZTACON05	5 x 25 Ø5	2,029	25	15
BZTACON06	6 x 30 Ø6	2,029	25	15
BZTACON08	8 x 40 Ø8	2,029	15	10
BZTACON10	10 x 50 Ø10	2,029	10	10
BZTACON12	12 x 60 Ø12	2,029	5	10

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE (mm)	MIN. ORDER QTY.		
TACOL05	5 x 25 Ø5	2,613	TPPO 2,5-4	400	100	8.000
TACOL06	6 x 30 Ø6	2,233	TPPO 3,5-4	400	100	9.000
TACOL08	8 x 40 Ø8	4,387	TPPO 4,5 , TB 5-6	400	100	5.000
TACOL10	10 x 50 Ø10	7,880	TB 6-8	200	50	2.500
TACOL12	12 x 60 Ø12	17,117	TB 8-10	100	25	1.250

TACOL

Plug with collar



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MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE		
TACOLA06	6 x 30 Ø6	2,590	TPPO 3,5-4	100	2.400

TACOL-A

Plug with wide collar



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TAPLA

Plugs for plasterboard

TAPLA NY

Nylon plug



02 Technical info
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HOLLOWS



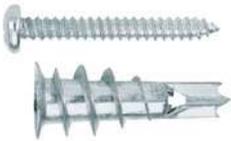
CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLANY	15 x 33	12,200	PH3	9-16	TPPO 4,5 x 40 DIN 7981 4,2 x 38	200	100	1.600

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTAPLANY	15 x 33	2,565	4	15

TAPLA ME

Zamak plug with DIN 7981 4,2 x 32



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HOLLOWS



CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLAME	13 x 32	29,890	PH2/PH3	9-16	DIN 7981 4,2 x 32	200	100	1.600

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTAPLAME	13 x 32	3,427	4	15

TAPLA ZK

Zamak plug



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HOLLOWS



CODE	SIZE	€/100		MIN. SUBSTRATE THICKNESS	SCREW SIZE	MIN. ORDER QTY.		
TAPLAZK	13 x 37	31,700	PZ3	9-16	TPPO 4,5 x 50 DIN 7981 4,2 x 38	200	100	1.600

ANCLA

Nylon plug for hollow bricks and plasterboard



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HOLLOWS



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
ANCLA40	10 x 40 Ø10	11,443	4-12	200	100	600
ANCLA47	10 x 47 Ø10	13,367	15-19	200	100	600

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZANCLA40	10 x 40 Ø10	2,565	4	12
BZANCLA47	10 x 47 Ø10	2,565	4	12

* Recommended to use for screw TPPO 4,0

Universal plug with collar and knot-like form

HOLLOWS



CODE	SIZE	€/100	SUITABLE FOR	MIN. ORDER QTY.		
MEDUB06	6 x 35 Ø6	3,500	TPPO 3,5-4	600	150	2.400
MEDUB07	8 x 42 Ø8	7,130	TPPO 4-4,5	400	100	1.600
MEDUB08	8 x 50 Ø8	6,013	TPPO 4-4,5	320	80	1.200
MEDUB10	10 x 60 Ø10	9,003	TPPO 5-6; TB 5,6,7	200	50	800



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Blister

CODE	SIZE	€/BAG	PCS. 	BAGS
BZMEDUB06	6 x 35 Ø6	2,565	10	20
BZMEDUB08	8 x 50 Ø8	2,565	10	20
BZMEDUB10	10 x 60 Ø10	2,565	6	20

Indemoll anchor for hollow elements fixing

HOLLOWS



CODE	SIZE	€/100		
INPINZANI	M4, M5 & M6	1.311,566	1	20

INPIN

Pliers



HOLLOWS



CODE	SIZE	€/100		
INPISANIN	M4, M5, M6 & M8	3.212,286	1	10

INPIS

Gun



HOLLOWS



CODE	CONTENT	SIZE CONTENT	PCS X KIT	€/KIT	KITS X
KITINPIN01	INPINZANI	44,266	1	44,266	1
	INCO432	M4 x 41 Ø 8	20		
	INCO537	M5 x 46 Ø 10	20		

KITINPIN

Gun



IN

Indemoll anchor for hollow elements fixing

IN-CO

With panhead screw



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HOLLOWES



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS		
INCO421	M4 x 30 Ø 8	28,920	1-5	100	2.400
INCO432	M4 x 41 Ø 8	29,387	3-10	100	1.200
INCO438	M4 x 47 Ø 8	31,923	9-16	100	1.200
INCO446	M4 x 53 Ø 8	34,727	15-22	100	1.200
INCO459	M4 x 67 Ø 8	39,193	31-36	100	1.200
INCO537	M5 x 46 Ø 10	40,333	5-14	100	1.200
INCO552	M5 x 59 Ø 10	43,247	6-18	100	600
INCO565	M5 x 72 Ø 10	51,343	16-33	100	600
INCO580	M5 x 89 Ø 10	57,573	33-46	100	600
INCO637	M6 x 46 Ø 12	45,987	5-13	100	1.200
INCO652	M6 x 59 Ø 12	53,417	6-17	100	600
INCO665	M6 x 72 Ø 12	59,530	14-32	100	600
INCO680	M6 x 89 Ø 12	78,173	34-46	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 41 Ø 8	2,565	2 20	VINCO432	M4 x 41 Ø 8	5,300	15 8	LSINCO432	M4 x 41 Ø 8	9,559	30 6
BZINCO438	M4 x 47 Ø 8	2,565	2 20	VINCO438	M4 x 47 Ø 8	5,730	15 8	LSINCO438	M4 x 47 Ø 8	10,382	30 6
BZINCO537	M5 x 46 Ø 10	2,565	2 20	VINCO446	M5 x 46 Ø 10	6,276	15 8	LSINCO446	M5 x 46 Ø 10	11,295	30 6
BZINCO552	M5 x 59 Ø 10	2,565	2 15	VINCO537	M5 x 59 Ø 10	7,289	15 8	LSINCO537	M5 x 59 Ø 10	10,932	25 6
BZINCO565	M5 x 72 Ø 10	2,565	2 15	VINCO552	M5 x 72 Ø 10	6,253	12 8	LSINCO552	M5 x 72 Ø 10	8,437	18 7
BZINCO637	M6 x 46 Ø 12	2,565	2 15	VINCO637	M6 x 46 Ø 12	5,509	10 8	LSINCO637	M6 x 46 Ø 12	9,971	20 7
BZINCO652	M6 x 59 Ø 12	2,565	2 15	VINCO652	M6 x 59 Ø 12	6,407	10 8	LSINCO652	M6 x 59 Ø 12	8,688	15 7

IN-HE

With hexagonal screw



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HOLLOWES



CODE	SIZE	€/100	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ±		
INHE837	M8 x 45 Ø 14	104,170	5-13	100	600
INHE855	M8 x 60 Ø 14	119,827	5-16	100	400
INHE865	M8 x 73 Ø 14	142,673	16-32	100	400

IN-SI

Without screw



HOLLOWES



CODE	SIZE	€/100	MIN. SUBSTRATE THICKNESS		
INSI421	M4 x 21 Ø 8	22,190	1-5	100	2.400
INSI432	M4 x 32 Ø 8	24,153	3-10	100	2.400
INSI438	M4 x 38 Ø 8	26,260	9-16	100	2.400
INSI537	M5 x 37 Ø 10	31,000	5-14	100	1.200
INSI552	M5 x 52 Ø 10	36,347	6-18	100	600
INSI565	M5 x 65 Ø 10	40,310	16-33	100	600
INSI637	M6 x 37 Ø 12	37,573	5-13	100	1.200
INSI652	M6 x 52 Ø 12	45,890	6-17	100	600
INSI665	M6 x 65 Ø 12	51,410	14-32	100	600
INSI865	M8 x 65 Ø 14	89,313	17-33	100	400

Gravity toggle for fixing lightweight in ceilings

BA-NO



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAESM04	M4 Ø14	61,907	100	50	300
BAESM05	M5 Ø14	68,050	100	50	300
BAESM06	M6 Ø16	88,513	100	50	200
BAESM08	M8 Ø20	145,577	50	50	200

BA-ES
Projecting bolt



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PATENTED

ALSO AVAILABLE
easykits

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBAESM04	M4 Ø14	3,427	2	12
BZBAESM05	M5 Ø14	3,427	2	12
BZBAESM06	M6 Ø16	3,427	2	10

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VBAESM04	M4 Ø14	5,559	6	8
VBAESM05	M5 Ø14	5,722	6	8
VBAESM06	M6 Ø16	4,968	4	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSBAESM04	M4 Ø14	5,506	6	6
LSBAESM05	M5 Ø14	5,668	6	6
LSBAESM06	M6 Ø16	4,921	4	6



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAGAM04	M4 Ø14	64,387	100	50	300
BAGAM05	M5 Ø14	72,307	100	50	300
BAGAM06	M6 Ø16	90,360	100	50	200
BAGAM08	M8 Ø20	151,143	50	50	150

BA-GA
Hook



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PATENTED

ALSO AVAILABLE
easykits

Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZBAGAM04	M4 Ø14	3,427	2	12
BZBAGAM05	M5 Ø14	3,427	2	12
BZBAGAM06	M6 Ø16	3,427	2	10

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VBAGAM04	M4 Ø14	5,597	6	8
VBAGAM05	M5 Ø14	6,028	6	8
VBAGAM06	M6 Ø16	5,048	4	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSBAGAM04	M4 Ø14	5,544	6	6
LSBAGAM05	M5 Ø14	5,971	6	6
LSBAGAM06	M6 Ø16	5,000	4	6



CODE	SIZE	€/100		
CABA004	M4 Ø14	31,917	100	1.200
CABA005	M5 Ø14	34,940	100	1.200
CABA006	M6 Ø16	40,743	100	600
CABA008	M8 Ø20	70,840	100	400

CA-BA
Toggle head



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PATENTED

ALSO AVAILABLE
easykits

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VCABA004	M4 Ø14	8,508	20	8
VCABA005	M5 Ø14	9,496	20	8
VCABA006	M6 Ø16	8,185	15	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSCABA004	M4 Ø14	8,717	20	6
LSCABA005	M5 Ø14	9,400	20	6
LSCABA006	M6 Ø16	8,227	15	7

PA-LO

Spring toggle

PA-ES

Projecting bolt



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HOLLOWS



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAESM04	M4 Ø12	48,760	100	50	300
PAESM05	M5 Ø15	54,017	100	50	300
PAESM06	M6 Ø18	67,360	100	50	200
PAESM08	M8 Ø22	119,903	50	50	150



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZPAESM04	M4 Ø12	3,427	2	12	VPAESM04	M4 Ø12	4,425	6	8	LSPAESM04	M4 Ø12	4,346	6	6
BZPAESM05	M5 Ø15	3,427	2	12	VPAESM05	M5 Ø15	5,005	6	8	LSPAESM05	M5 Ø15	4,957	6	6
BZPAESM06	M6 Ø18	3,427	2	10	VPAESM06	M6 Ø18	4,239	4	8	LSPAESM06	M6 Ø18	4,160	4	6

PA-GA

Hook



02 Technical info P. 256

HOLLOWS



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAGAM04	M4 Ø12	49,717	100	50	300
PAGAM05	M5 Ø15	56,770	100	50	300
PAGAM06	M6 Ø18	79,777	100	50	200
PAGAM08	M8 Ø22	133,940	50	50	150



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS	CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
BZPAGAM04	M4 Ø12	3,427	2	12	VPAGAM04	M4 Ø12	4,267	6	8	LSPAGAM04	M4 Ø12	4,561	6	6
BZPAGAM05	M5 Ø15	3,427	2	12	VPAGAM05	M5 Ø15	4,964	6	8	LSPAGAM05	M5 Ø15	5,187	6	6
BZPAGAM06	M6 Ø18	3,427	2	10	VPAGAM06	M6 Ø18	4,465	4	8	LSPAGAM06	M6 Ø18	4,877	4	6

CA-PA

Spring toggle head



HOLLOWS



CODE	SIZE	€/100		
CAPA004	M4 Ø12	19,060	100	2.400
CAPA005	M5 Ø15	22,077	100	1.200
CAPA006	M6 Ø18	25,997	100	600
CAPA008	M8 Ø22	58,417	100	400



Window Box



Self-Service

CODE	SIZE	€/BOX	PCS.	BOXES	CODE	SIZE	€/BAG	PCS.	BAGS
VCAPA004	M4 Ø12	6,591	24	8	LSCAPA004	M4 Ø12	6,591	24	8
VCAPA005	M5 Ø15	6,496	20	8	LSCAPA005	M5 Ø15	6,496	20	7
VCAPA006	M6 Ø18	5,964	15	8	LSCAPA006	M6 Ø18	5,734	15	7



Trap doors for plasterboard

TR

HOLLOWS



CODE	SIZE	€/PC	
TRBL200200	200 x 200	31,080	1
TRBL300300	300 x 300	42,985	1
TRBL400400	400 x 400	60,522	1
TRBL500500	500 x 500	85,332	1
TRBL600600	600 x 600	109,115	1

TR-BL

White lacquered (RAL 9016)



HOLLOWS



CODE	SIZE	THICKNESS	€/PC	
TR13200200	200 x 200	13 mm	46,044	2
TR13300300	300 x 300	13 mm	56,172	2
TR13400400	400 x 400	13 mm	69,901	2
TR13500500	500 x 500	13 mm	87,667	1
TR13600600	600 x 600	13 mm	109,311	1

TR-13

13 mm



HOLLOWS



CODE	SIZE	THICKNESS	€/PC	
TR15200200	200 x 200	15 mm	100,254	2
TR15300300	300 x 300	15 mm	111,711	2
TR15400400	400 x 400	15 mm	129,399	2
TR15500500	500 x 500	15 mm	156,237	1
TR15600600	600 x 600	15 mm	182,276	1

TR-15

15 mm





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							•	•	•	•
 Option 7	•	•	•	•	•	•				
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Chemical fixings

CHEMICAL



CODE	SIZE	€/1PC	
MOPU300	300 ml.	14,478	12
MOPU410	410 ml.	17,508	12



MO-PU

Universal polyester. Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOP300	300 ml.	15,224	12
MOP410	410 ml.	17,987	12



MO-P+

Polyester PLUS. Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOP300	300 ml.	17,781	12
MOP410	410 ml.	22,408	12

KIT MO-PS

MOP300EP	300 ml.	29,507	1
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- Content:
- Cartridge MOP300 (300 ml.) - x1
 - Nozzle MORCANU x2
 - Stud bolt MDES08110 (M8 x 110) B - x4
 - Plastic sleeve MOTN15085 (15 x B3) - x4

See video



Do you know 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.



MO-PS+

Polyester PLUS styrene free with Working time indicator. Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOPSP300	300 ml.	19,397	12
MOPSP410	410 ml.	24,444	12



MO-PSP+

Polyester PLUS styrene free stone color. Opt.7 ETA Assessed



MO-AC

Accessories for chemical fixings

MO-V

Vinylester.
Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOV300	300 ml.	19,047	12
MOV410	410 ml.	23,084	12



M8-M24



MO-VS

Vinylester styrene free.
Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOVS300	300 ml.	22,049	12
MOVS410	410 ml.	27,045	12



Ø8-Ø20 M8-M24



MO-H

Hybrid.
Opt.1 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOH300	300 ml.	25,961	12
MOH410	410 ml.	30,200	12



Ø8-Ø25 Ø8-Ø32 M8-M30



MO-HW

Hybrid WINTER version
for low temperatures.
Opt.1 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	
MOHW300	300 ml.	27,258	12
MOHW410	410 ml.	31,990	12



Ø8-Ø32 M8-M30



CHEMICAL



CODE	SIZE	€/1PC	kg
MOPURE600	600 ml.	77,068	12



MOPURE

Pure Epoxy 1:1
Opt.1 ETA Assessed



CHEMICAL



CODE	SIZE	€/1PC	kg
MOPUR30385	385 ml.	55,804	12
MOPUR30585	585 ml.	74,731	12



MOPUR3

Pure Epoxy 3:1
Opt.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).

Benefits:

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

Parameters in Brick:

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



MO

Chemical fixings

MO-PIS

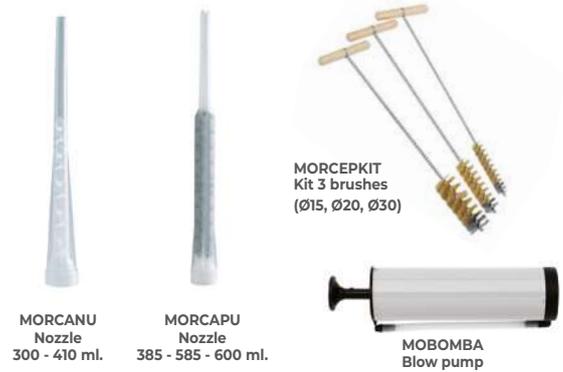
Guns



CODE	MODEL	CARTDRIDGE SIZE	€/1 PC	
MOPISTO	Manual	410 ml.	47,267	1
MOPISPR	Professional	410 ml.	116,736	1
MOPISSI	Silicone	170ml. / 300 ml.	27,045	1
MOPISPUR6	MOPURE600	600 ml.	63,702	1
MOPISNEU	Pneumatic	410 ml.	1.545,829	1
MOPISP3385	385 ml.	385 ml.	128,879	1
MOPISP3585	585 ml.	585 ml.	146,358	1

MO-AC

Mixer nozzles and more



CODE	MODEL	€/1 PC		
MOBOMBA	Blow pump	15,920	1	1
MORCANU	Nozzle 300 - 410 ml.	1,034	12	1008
MORCAPU	Nozzle 385 - 585 - 600 ml.	1,582	12	24
MORCEPKIT	Kit brushes	77,064	1	1

MO-TN

Plastic sleeve



CODE	SIZE	€/100	MIN. ORDER QTY.		
MOTN12050	12 x 50	43,457	24	12	2256
MOTN12080	NEW 12 x 80	38,593	24	12	2256
MOTN15085	15 x 85	38,213	24	12	1500
MOTN15130	15 x 130	45,073	24	12	1008
MOTN20085	20 x 85	43,487	24	12	1008

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMOTN12050	12 x 50	3,014	4	7
LSMOTN15085	15 x 85	3,003	4	6
LSMOTN20085	20 x 85	2,652	2	6

MO-ES

Stud bolt



CODE	SIZE	€/100		
MOES06070	M6 x 70 Ø6	64,533	12	540
MOES08110	M8 x 110 Ø8	109,217	12	288
MOES10115	M10 x 115 Ø10	145,060	12	144
MOES12110	M12 x 110 Ø12	193,273	12	144

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMOES06070	M6 x 70 Ø6	4,649	4	10
LSMOES08110	M8 x 110 Ø8	6,633	4	7
LSMOES10115	M10 x 115 Ø10	8,183	4	6
LSMOES12110	M12 x 110 Ø12	10,278	4	6

MO-TR

Sleeve with internal thread



CODE	SIZE	€/100		
MOTR008	M8 x 80 Ø12	222,763	12	540
MOTR010	M10 x 80 Ø14	298,420	12	288
MOTR012	M12 x 80 Ø16	361,320	12	288

MO-TM

Metal sleeve



CODE	SIZE	€/100		
MOTM12100	12 x 1000 Ø11	1.938,787	10	-
MOTM16100	16 x 1000 Ø14	2.195,560	10	-
MOTM22100	22 x 1000 Ø21	2.578,860	5	20

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

CA-QU



CODE	SIZE	€/100		
CAQU008	8 x 80 Ø10	197,283	10	500
CAQU010	10 x 90 Ø12	201,817	10	500
CAQU012	12 x 110 Ø14	210,423	10	200
CAQU016	16 x 125 Ø18	233,947	10	200

CODE	SIZE	€/100		
CAQU020	20 x 170 Ø25	476,007	6	60
CAQU024	24 x 210 Ø28	557,323	6	60
•CAQU030	30 x 280 Ø35	993,820	6	30

• Non-assessed sizes



Stud bolt for chemical anchor, with nut and washer

EQ



CODE	SIZE	€/100		
EQAC08110	M8 x 110	91,040	10	240
EQAC10130	M10 x 130	146,253	10	120
EQAC10190	NEW M10 x 190	229,045	10	30
EQAC12160	M12 x 160	233,143	10	120
EQAC12220	NEW M12 x 220	353,265	10	30
EQAC16190	M16 x 190	441,927	10	40

CODE	SIZE	€/100		
EQAC16250	NEW M16 x 250	637,386	10	30
EQAC20260	M20 x 260	955,723	6	12
EQAC20350	NEW M20 x 350	1.401,619	6	-
EQAC24300	M24 x 300	1.452,567	6	12
EQAC24380	NEW M24 x 380	2.317,808	6	-
EQAC30330	M30 x 330	3.017,783	6	12

EQ-AC

Zinc-plated



CODE	SIZE	€/100		
EQ8808110	M8 x 110	95,592	10	240
EQ8810130	M10 x 130	153,566	10	120
EQ8812160	M12 x 160	240,498	10	60

CODE	SIZE	€/100		
EQ8816190	M16 x 190	388,592	6	24
EQ8820260	M20 x 260	809,847	6	24
EQ8824300	M24 x 300	1.295,507	6	12

EQ-8.8 **NEW**

Zinc-plated 8.8



CODE	SIZE	€/100		
EQA208110	M8 x 110	310,533	10	240
EQA210130	M10 x 130	513,190	10	120
EQA212160	M12 x 160	850,517	10	120
EQA216190	M16 x 190	1.762,247	10	40

CODE	SIZE	€/100		
EQA220260	M20 x 260	3.368,117	6	12
EQA224300	M24 x 300	5.382,437	6	12
EQA230330	M30 x 330	9.820,060	6	12

EQ-A2

A2 Stainless steel



CODE	SIZE	€/100		
EQA408110	M8 x 110	356,573	10	240
EQA410130	M10 x 130	647,677	10	120
EQA412160	M12 x 160	1.114,120	10	120
EQA416190	M16 x 190	2.297,417	10	40

CODE	SIZE	€/100		
EQA420260	M20 x 260	5.313,967	6	12
EQA424300	M24 x 300	8.758,463	6	12
EQA430330	M30 x 330	15.449,990	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	140 kg/10 cm ²	430 kg/10 cm ²			
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•	•	•
					•	
						•

Adhesives Hybrid MS Polymer



CODE	COLOUR		€/PC	
MSPRB290		290 ml.	11,399	12
MSPRG290		290 ml.	11,399	12
MSPRM290		290 ml.	11,399	12
MSPRN290		290 ml.	11,399	12

APPLICATIONS

- Affixing and sealing in construction: shelves, roof fixings, gutters, decks, frame joints or structures subjected to vibrations.
- Filling cracks.
- Sealing of expansion joints, cisterns, containers and other aluminium elements.
- Product certified for use in the food processing industry (ISEGA Certificate).
- 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.



CODE	COLOUR		€/PC	
MSTR290		290 ml.	16,131	12

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 join.
- 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.



CODE	COLOUR		€/PC	
MSSF290		290 ml	13,677	12

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.
- 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.

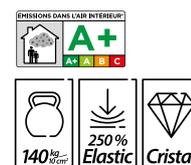
MS-PR

Adhesive MS Professional



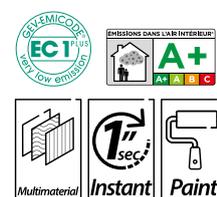
MS-TR

Adhesive MS Transparent



MS-SF

Adhesive MS Superfast High Tack



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

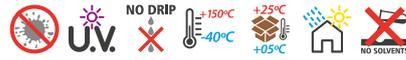
The INDEX® range of silicones is available in a variety of colours and properties to adapt to the requirements of each application. All of the silicones are water-resistant and can adapt to different materials, making them a professional solution for the assembly and sealing of joints on different surfaces.

SI

Silicones

SI-PR

Professional neutral silicone for smooth and porous materials



CODE	COLOUR		€/PC	
SIPRB280		280 ml	13,656	12
SIPRG280		280 ml.	13,656	12
SIPRM280		280 ml.	13,656	12
SIPRN280		280 ml.	13,656	12
SIPRT280		280 ml.	13,656	12

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

SI-PRS

Professional neutra SANITARI silicone with fungicidal properties



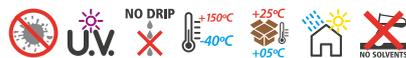
CODE	COLOUR		€/PC	
SIPRSB280		280 ml.	13,656	12
SIPRST280		280 ml.	13,656	12

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)

SI-UNI

Multipurpose universal acetic silicone



CODE	COLOUR		€/PC	
SIUNIB280		280 ml.	9,938	12
SIUNIG280		280 ml.	9,938	12
SIUNIM280		280 ml.	9,938	12
SIUNIN280		280 ml.	9,938	12
SIUNIT280		280 ml.	9,938	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

Silicones



CHEMICAL



CODE	COLOUR		€/PC	
SIUNSB280		280 ml.	9,938	12
SIUNST280		280 ml.	9,938	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

SI-UNS

Multipurpose universal acetic SANITAR silicone with fungicidal properties



CHEMICAL

CODE	COLOUR		€/PC	
SEACRB280		280 ml.	4,726	12
SEACRG280		280 ml.	4,726	12

CHARACTERISTICS

- 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

SE-ACR

Acrylic sealant for joints & cracks



Nozzles for MS adhesives and silicones

MS-CA



MSCAHT



MSCATP

CODE	MODEL	SUITABLE FOR	€/BAG	PCS. 	BAGS
MSCATP	TAPON	MS-PR, MS-TR y Siliconas	13,335	12	18
MSCAHT	ANCHA	MS-SF	13,973	12	18

PU-S

Multipurpose polyurethane foam

PU-SP

For gun application



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUSP750	750 ml.	15,046	EN 13501, parte 1 (E)	-40°C a +90°C	12

PU-SC

For nozzle application



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUSC750	750 ml.	14,305	EN 13501, parte 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 fixing tiles

PU-TP

For gun application.
Grey colour



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUTP750	750 ml.	15,859	EN 13501, parte 1 (E)	-40°C a +90°C	12



NEW PU-TPR

For gun application.
Tile colour



CHEMICAL



CODE	SIZE	€/PC	
PUTPR750	750 ml.	15,859	12





Polyurethane foam for fixing tiles

PU-T

CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUTC750	750 ml.	15,380	EN 13501, parte 1 (E)	-40°C a +90°C	12



PU-TC

For nozzle application.
Grey colour.



Fire-resistant polyurethane foam

PU-F

CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUFP750	750 ml.	26,970	DIN 4102, parte 1 (B1); B5 476, parte 20; EN 13501, parte 1 (B-s1, d0); EN 13501, parte 2 (EI 240)	-40°C a +90°C	12



PU-FP

For gun application



CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUFC750	750 ml.	26,158	DIN 4102, parte 1 (B1); B5 476, parte 20; EN 13501, parte 1 (B-s1, d0); EN 13501, parte 2 (EI 240)	-40°C a +90°C	12



PU-FC

For nozzle application



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 for ETICS/panels. For gun application

PU-EP

CHEMICAL



CODE	SIZE	€/1PC	COMBUSTION GRADE	APPLICATION TEMPERATURE	
PUEP750	750 ml.	24,875	EN 13501-1 (E)	-40°C a +90°C	12

ASSESSED ACCORDING TO
ETAG 004



PU-EP

For gun application



PU-AC

Accesorios para espumas de poliuretano

PU-PI

Professional gun



CODE	MODEL	CARTDRIDGE SIZE	€/1 PC	
PUPI01	750 ml.	750 ml.	99,306	1

PU-PI 2

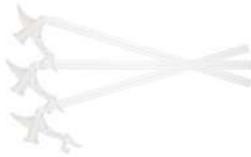
Basic gun



CODE	MODEL	CARTDRIDGE SIZE	€/1 PC	
PUPI02	750 ml.	750 ml.	37,853	1

PU-CA

Nozzle



CODE	CARTDRIDGE SIZE	€/BAG	PCS. 	BAGS
PUCA01	750 ml.	5,345	12	18

PU-CL

Cleaner for polyurethane foam accessories



CODE	SIZE	€/1 PC	
PUCL500	500 ml.	15,602	12



METAL FIXINGS

MTH

Through bolt anchor for heavy loads in uncracked concrete

MTH

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



02 Technical info



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• AH06060	M6 x 60 Ø6	54,337	2	B	200	1.200
• AH06070	M6 x 70 Ø6	56,410	12	C	200	1.200
• AH06080	M6 x 80 Ø6	58,470	22	D	200	1.200
• AH06090	M6 x 90 Ø6	60,257	32	E	200	1.200
• AH06100	M6 x 100 Ø6	62,770	42	E	200	800
• AH06110	M6 x 110 Ø6	81,843	52	F	200	800
• AH06120	M6 x 120 Ø6	85,923	62	G	100	600
• AH06130	M6 x 130 Ø6	99,397	72	H	100	600
• AH06140	M6 x 140 Ø6	100,107	82	I	100	400
• AH06150	M6 x 150 Ø6	102,717	92	I	100	400
• AH06160	M6 x 160 Ø6	110,663	102	J	100	400
• AH06170	M6 x 170 Ø6	125,480	112	K	100	400
• AH06180	M6 x 180 Ø6	137,860	122	L	100	200
AH08060	M8 x 60 Ø8	67,257	3	B	100	600
AH08075	M8 x 75 Ø8	71,113	5	C	100	600
AH08090	M8 x 90 Ø8	77,090	20	E	100	600
AH08100	M8 x 100 Ø8	82,257	30	E	100	400
AH08115	M8 x 115 Ø8	96,510	45	G	100	400
AH08120	M8 x 120 Ø8	105,617	50	G	100	400
AH08130	M8 x 130 Ø8	111,207	60	H	100	400
AH08155	M8 x 155 Ø8	168,687	85	J	100	200
AH10070	M10 x 70 Ø10	88,063	3	C	100	400
AH10080	M10 x 80 Ø10	100,700	13	D	100	400
AH10090	M10 x 90 Ø10	104,997	10	E	100	400
AH10100	M10 x 100 Ø10	121,067	20	E	100	400
AH10120	M10 x 120 Ø10	127,023	40	G	50	300
AH10140	M10 x 140 Ø10	158,793	60	H	50	200
AH10150	M10 x 150 Ø10	165,193	70	I	50	200
AH10160	M10 x 160 Ø10	188,113	80	J	50	200
AH10170	M10 x 170 Ø10	209,773	90	K	50	200
AH10210	M10 x 210 Ø10	253,780	130	N	50	150
AH10230	M10 x 230 Ø10	269,183	150	P	50	100
AH12090	M12 x 90 Ø12	144,390	13	E	50	200
AH12100	M12 x 100 Ø12	156,067	8	E	50	200
AH12110	M12 x 110 Ø12	161,466	18	F	50	200
AH12120	M12 x 120 Ø12	200,333	28	G	50	200
AH12130	M12 x 130 Ø12	208,863	38	H	50	200
AH12140	M12 x 140 Ø12	209,340	48	H	50	200
AH12160	M12 x 160 Ø12	246,013	68	J	50	100
AH12180	M12 x 180 Ø12	286,063	88	L	50	150
AH12200	M12 x 200 Ø12	334,060	108	M	50	100
AH12220	M12 x 220 Ø12	362,550	128	O	50	100
AH12250	M12 x 250 Ø12	443,203	158	Q	25	50
AH14120	M14 x 120 Ø14	345,747	12	G	25	100
AH14145	M14 x 145 Ø14	405,997	37	I	25	100
AH14170	M14 x 170 Ø14	433,747	62	K	25	100
AH14220	M14 x 220 Ø14	601,427	112	O	25	75
AH14250	M14 x 250 Ø14	671,790	142	Q	25	50
AH16125	M16 x 125 Ø16	354,730	3	G	25	100
AH16145	M16 x 145 Ø16	382,247	23	I	25	100
AH16170	M16 x 170 Ø16	472,703	48	K	25	50
AH16220	M16 x 220 Ø16	563,287	98	O	25	50
AH16250	M16 x 250 Ø16	730,450	128	Q	25	50
AH16280	M16 x 280 Ø16	795,157	158	S	25	50
AH20170	M20 x 170 Ø20	698,093	23	K	20	40
AH20220	M20 x 220 Ø20	869,227	73	O	20	40
AH20270	M20 x 270 Ø20	1.187,933	123	S	20	40

• Non-assessed sizes for Fire Resist



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSAH06060	M6 x 60 Ø6	15,263	30	6
LSAH08060	M8 x 60 Ø8	12,529	20	6
LSAH08075	M8 x 75 Ø8	11,202	16	6
LSAH08090	M8 x 90 Ø8	10,602	14	6
LSAH10070	M10 x 70 Ø10	9,255	10	5
LSAH10090	M10 x 90 Ø10	8,320	8	6
LSAH10120	M10 x 120 Ø10	8,098	6	6
LSAH12090	M12 x 90 Ø12	9,938	6	5
LSAH12110	M12 x 110 Ø12	10,377	6	5
LSAH16125	M16 x 125 Ø16	7,429	2	6

Through bolt anchor for heavy loads in uncracked concrete

STAINLESS STEEL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	198,050	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	215,763	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	229,800	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	238,740	4	A	100	800
MIA408075	M8 x 75 Ø8	253,527	5	C	100	600
MIA408090	M8 x 90 Ø8	282,907	20	E	100	600
MIA408115	M8 x 115 Ø8	371,653	45	G	100	400
MIA410070	M10 x 70 Ø10	415,217	3	C	100	400
MIA410090	M10 x 90 Ø10	470,627	10	D	100	400
MIA410120	M10 x 120 Ø10	572,090	40	G	50	300
MIA410150	M10 x 150 Ø10	811,337	70	I	50	200
• MIA412075	M12 x 75 Ø12	620,927	5	C	50	300
MIA412090	M12 x 90 Ø12	625,313	13	D	50	200
MIA412110	M12 x 110 Ø12	684,030	12	F	50	200
MIA412140	M12 x 140 Ø12	820,253	42	I	50	200
• MIA416090	M16 x 90 Ø16	1.483,607	4	D	25	150
MIA416145	M16 x 145 Ø16	1.832,207	23	I	25	100
MIA416170	M16 x 170 Ø16	2.115,780	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.459,464	5	G	20	40
MIA420170	M20 x 170 Ø20	3.361,992	23	K	20	40
MIA420220	M20 x 220 Ø20	4.185,353	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resistance

MTH-A4

Opt.7 ETA Assessed. A4 Stainless steel shaft. A4 Stainless steel clip



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Also available with DIN 9021 washer

Ask for price and delivery time

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VMIA408075	M8 x 75 Ø8	34,754	10	8
VMIA410090	M10 x 90 Ø10	47,562	8	8
VMIA412110	M12 x 110 Ø12	54,416	6	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMIA408075	M8 x 75 Ø8	38,350	12	7
LSMIA410090	M10 x 90 Ø10	50,066	8	7
LSMIA412110	M12 x 110 Ø12	54,502	6	5

STAINLESS STEEL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MI06045	M6 x 45 Ø6	161,603	1	A	200	1.200
• MI06060	M6 x 60 Ø6	181,233	2	B	200	1.200
• MI06080	M6 x 80 Ø6	189,553	22	D	200	1.200
• MI06120	M6 x 120 Ø6	226,723	62	G	100	600
• MI06140	M6 x 140 Ø6	286,957	82	I	100	600
• MI06160	M6 x 160 Ø6	321,420	102	J	100	400
• MI06170	M6 x 170 Ø6	360,995	112	K	100	400
• MI06180	M6 x 180 Ø6	391,449	122	L	100	300
• MI08050	M8 x 50 Ø8	195,990	4	A	100	800
MI08075	M8 x 75 Ø8	214,680	5	C	100	600
MI08090	M8 x 90 Ø8	244,303	20	E	100	600
MI08115	M8 x 115 Ø8	316,020	45	G	100	400
MI10070	M10 x 70 Ø10	332,170	3	C	100	400
MI10090	M10 x 90 Ø10	371,820	10	D	100	400
MI10120	M10 x 120 Ø10	435,813	40	G	50	300
MI10150	M10 x 150 Ø10	610,167	70	I	50	200
• MI12075	M12 x 75 Ø12	503,667	5	C	50	300
MI12090	M12 x 90 Ø12	504,820	13	D	50	200
MI12110	M12 x 110 Ø12	546,373	18	F	50	200
MI12140	M12 x 140 Ø12	684,810	48	I	50	200
• MI16090	M16 x 90 Ø16	1.223,710	4	D	25	150
MI16145	M16 x 145 Ø16	1.428,494	23	I	25	100
MI16170	M16 x 170 Ø16	1.566,360	48	K	25	75
• MI20120	M20 x 120 Ø20	1.957,302	5	G	20	40
MI20170	M20 x 170 Ø20	2.432,095	23	K	20	40
MI20220	M20 x 220 Ø20	3.141,695	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resistance

MTH-A2

Opt.7 ETA Assessed. A2 Stainless steel shaft. A2 Stainless steel clip



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Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZMI08075	M8 x 75 Ø8	4,622	2	12
BZMI10090	M10 x 90 Ø10	4,622	2	10

Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VMI08075	M8 x 75 Ø8	31,479	10	8
VMI08090	M8 x 90 Ø8	33,657	10	8
VMI10070	M10 x 70 Ø10	34,779	8	8
VMI10090	M10 x 90 Ø10	38,931	8	8
VMI10120	M10 x 120 Ø10	34,224	6	8
VMI12110	M12 x 110 Ø12	42,459	6	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMI08075	M8 x 75 Ø8	31,948	12	7
LSMI08090	M8 x 90 Ø8	36,352	12	7
LSMI10070	M10 x 70 Ø10	39,130	10	6
LSMI10090	M10 x 90 Ø10	38,931	8	6
LSMI10120	M10 x 120 Ø10	41,070	8	6
LSMI12110	M12 x 110 Ø12	42,459	6	6

MTA

Through bolt anchor for heavy loads

MTA

Zinc-plated shaft. Zinc-plated clip



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CODE	SIZE	€/100	THICKNESS MAX. FIXTURE			
AM06045	M6 x 45 Ø6	40,680	1	200		1.200
AM06055	M6 x 55 Ø6	44,157	11	200		1.200
AM06060	M6 x 60 Ø6	43,750	2	200		1.200
AM06065	M6 x 65 Ø6	44,287	7	200		1.200
AM06070	M6 x 70 Ø6	45,427	12	200		1.200
AM06080	M6 x 80 Ø6	47,573	22	200		1.200
AM06085	M6 x 85 Ø6	49,603	27	200		1.200
AM06090	M6 x 90 Ø6	50,180	32	200		1.200
AM06100	M6 x 100 Ø6	52,287	42	200		800
AM06110	M6 x 110 Ø6	57,043	52	200		800
AM06120	M6 x 120 Ø6	60,187	62	100		600
AM06130	M6 x 130 Ø6	60,400	72	100		600
AM06140	M6 x 140 Ø6	75,037	82	100		600
AM06150	M6 x 150 Ø6	85,790	92	100		600
AM06160	M6 x 160 Ø6	91,617	102	100		400
AM06170	M6 x 170 Ø6	115,033	112	100		400
AM06180	M6 x 180 Ø6	121,857	122	100		300
AM08050	M8 x 50 Ø8	51,300	4	100		800
AM08060	M8 x 60 Ø8	52,377	3	100		800
AM08065	M8 x 65 Ø8	55,130	8	100		600
AM08075	M8 x 75 Ø8	56,190	5	100		600
AM08090	M8 x 90 Ø8	61,130	20	100		600
AM08115	M8 x 115 Ø8	74,067	45	100		400
AM08120	M8 x 120 Ø8	75,483	50	100		400
AM08130	M8 x 130 Ø8	86,853	60	100		400
AM08155	M8 x 155 Ø8	150,347	85	100		200
AM10065	M10 x 65 Ø10	79,270	1	100		400
AM10070	M10 x 70 Ø10	74,587	3	100		400
AM10080	M10 x 80 Ø10	79,603	13	100		400
AM10090	M10 x 90 Ø10	83,083	10	100		400
AM10100	M10 x 100 Ø10	91,767	20	100		400
AM10120	M10 x 120 Ø10	99,657	40	50		300
AM10140	M10 x 140 Ø10	113,110	60	50		200
AM10150	M10 x 150 Ø10	127,243	70	50		200
AM10160	M10 x 160 Ø10	158,877	80	50		200
AM10170	M10 x 170 Ø10	166,173	90	50		200
AM10210	M10 x 210 Ø10	230,247	130	50		150
AM10230	M10 x 230 Ø10	260,983	150	50		100
AM12075	M12 x 75 Ø12	113,821	5	50		300
AM12080	M12 x 80 Ø12	118,377	3	50		300
AM12090	M12 x 90 Ø12	122,330	13	50		200
AM12100	M12 x 100 Ø12	126,327	8	50		200
AM12110	M12 x 110 Ø12	127,720	18	50		200
AM12120	M12 x 120 Ø12	152,300	28	50		200
AM12140	M12 x 140 Ø12	170,107	48	50		200
AM12160	M12 x 160 Ø12	194,697	68	50		100
AM12180	M12 x 180 Ø12	226,137	88	50		150
AM12220	M12 x 220 Ø12	296,683	128	50		100
AM12250	M12 x 250 Ø12	367,770	158	25		50
AM14080	M14 x 80 Ø14	222,417	5	50		200
AM14100	M14 x 100 Ø14	255,310	5	50		100
AM14120	M14 x 120 Ø14	286,327	12	25		100
AM14145	M14 x 145 Ø14	348,997	37	25		100
AM14170	M14 x 170 Ø14	379,640	62	25		100
AM14220	M14 x 220 Ø14	506,187	112	25		75
AM14250	M14 x 250 Ø14	555,363	142	25		50
AM16090	M16 x 90 Ø16	271,303	4	25		150
AM16110	M16 x 110 Ø16	274,263	7	25		150
AM16125	M16 x 125 Ø16	280,737	3	25		100
AM16145	M16 x 145 Ø16	301,010	23	25		100
AM16170	M16 x 170 Ø16	376,007	48	25		50
AM16220	M16 x 220 Ø16	456,183	98	25		50
AM16250	M16 x 250 Ø16	608,997	128	25		50
AM16280	M16 x 280 Ø16	662,910	158	25		50



More range next page





Through bolt anchor for heavy loads

MTA

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
AM20120	M20 x 120 Ø20	462,253	5	20	40
AM20170	M20 x 170 Ø20	554,300	23	20	40
AM20220	M20 x 220 Ø20	704,220	73	20	40
AM20270	M20 x 270 Ø20	943,233	123	20	40
AM24180	M24 x 180 Ø24	1.573,100	10	10	20
AM24260	M24 x 260 Ø24	1.992,453	80	10	20



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZAM06060	M6 x 60 Ø6	3,427	2	20
BZAM06080	M6 x 80 Ø6	3,427	2	20
BZAM08050	M8 x 50 Ø8	3,427	2	15
BZAM08075	M8 x 75 Ø8	3,427	2	15
BZAM08090	M8 x 90 Ø8	3,427	2	15
BZAM10070	M10 x 70 Ø10	3,427	2	12
BZAM10090	M10 x 90 Ø10	3,427	2	12
BZAM10120	M10 x 120 Ø10	3,427	2	12
BZAM12090	M12 x 90 Ø12	3,427	2	10
BZAM12110	M12 x 110 Ø12	3,427	2	10
BZAM12140	M12 x 140 Ø12	3,427	2	10



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VAM06060	M6 x 60 Ø6	9,633	20	8
VAM08075	M8 x 75 Ø8	8,058	12	8
VAM08090	M8 x 90 Ø8	8,566	12	8
VAM10070	M10 x 70 Ø10	5,405	6	8
VAM10090	M10 x 90 Ø10	5,988	6	8
VAM10120	M10 x 120 Ø10	7,118	6	8
VAM12090	M12 x 90 Ø12	8,736	6	8
VAM12110	M12 x 110 Ø12	9,129	6	8

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MTA

Zinc-plated shaft. Zinc-plated clip



Self-tapping concrete screwbolt

TH/TF

SOLID



CODE	SEISMIC ASSESSMENT	DRILL Ø x LENGTH	€/100	THICKNESS MAX. FIXTURE			
THE05040	-	Ø5 x 40	42,653	8	5	100	2.400
THE05050	-	Ø5 x 50	49,470	8	5	100	1.600
THE05060	-	Ø5 x 60	52,833	8	15	100	1.600
THE05080	-	Ø5 x 80	69,300	8	35	50	800
THE05100	-	Ø5 x 100	80,563	8	55	50	800
THE06040	-	Ø6 x 40	54,133	10	5	100	1.600
THE06050	-	Ø6 x 50	58,487	10	15	100	1.200
THE06060	C1	Ø6 x 60	65,127	10	5	100	1.200
THE06070	C1	Ø6 x 70	72,180	10	15	50	600
THE06080	C1	Ø6 x 80	81,160	10	25	50	800
THE06100	C1	Ø6 x 100	102,000	10	45	25	400
THE06120	C1	Ø6 x 120	116,280	10	65	25	400
THE08055	C1 & C2	Ø8 x 55	108,957	13	5	50	600
THE08060	C1 & C2	Ø8 x 60	111,120	13	10	50	600
THE08070	C1 & C2	Ø8 x 70	122,583	13	5	50	200
THE08080	C1 & C2	Ø8 x 80	137,297	13	15	25	400
THE08090	C1 & C2	Ø8 x 90	148,200	13	25	25	400
THE08100	C1 & C2	Ø8 x 100	156,430	13	35	25	400
THE08110	C1 & C2	Ø8 x 110	163,487	13	45	25	400
THE08120	C1 & C2	Ø8 x 120	224,593	13	55	25	400
THE08140	C1 & C2	Ø8 x 140	231,140	13	75	25	300
THE10060	C1 & C2	Ø10 x 60	205,840	15	5	50	200
THE10070	C1 & C2	Ø10 x 70	223,400	15	15	50	200
THE10080	C1 & C2	Ø10 x 80	240,357	15	25	50	300
THE10090	C1 & C2	Ø10 x 90	248,767	15	5	25	300
THE10100	C1 & C2	Ø10 x 100	256,720	15	15	25	300
THE10120	C1 & C2	Ø10 x 120	295,040	15	35	25	200
THE10140	C1 & C2	Ø10 x 140	327,310	15	55	25	100
THE12080	-	Ø12 x 90	310,033	18	15	25	100
THE12090	-	Ø12 x 80	331,240	18	5	25	100
THE12110	C1 & C2	Ø12 x 110	378,433	18	5	25	100
THE12130	C1 & C2	Ø12 x 130	435,133	18	25	25	150
THE12150	C1 & C2	Ø12 x 150	482,057	18	45	25	100
THE14080	-	Ø14 x 80	475,077	21	5	25	150
THE14100	-	Ø14 x 100	564,157	21	25	25	150
THE14120	C1 & C2	Ø14 x 120	657,433	21	5	25	100
THE14130	C1 & C2	Ø14 x 130	745,843	21	15	25	100
THE14140	C1 & C2	Ø14 x 140	803,217	21	25	25	100
THE14160	C1 & C2	Ø14 x 160	873,857	21	45	25	50
THE18100	-	Ø18 x 100	947,020	24	10	20	80
THE18130	-	Ø18 x 130	1.105,277	24	40	20	40
THE18160	C1 & C2	Ø18 x 160	1.288,433	24	20	15	30
THE18180	C1 & C2	Ø18 x 180	1.393,930	24	40	15	30
THE18200	C1 & C2	Ø18 x 200	1.528,777	24	60	10	20

THE

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



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TH/TF

Self-tapping concrete screwbolt

THA

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



CODE	SEISMIC ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THA05040	-	Ø5 x 40	50,353	25	5	100	2.400
THA05060	-	Ø5 x 60	59,310	25	15	100	1.200
THA05080	-	Ø5 x 80	75,167	25	35	50	800
THA05100	-	Ø5 x 100	84,733	25	55	50	800
THA06045	-	Ø6 x 45	70,240	30	10	100	1.600
THA06050	-	Ø6 x 50	73,240	30	15	100	1.200
THA06060	C1	Ø6 x 60	86,113	30	5	100	1.200
THA06080	C1	Ø6 x 80	103,723	30	25	100	600
THA06120	C1	Ø6 x 120	116,513	30	65	100	400
THA06140	C1	Ø6 x 140	149,373	30	85	100	600
THA08060	C1 & C2	Ø8 x 60	141,860	45	10	50	200
THA08080	C1 & C2	Ø8 x 80	172,387	45	15	25	400
THA08100	C1 & C2	Ø8 x 100	207,333	45	35	25	400
THA08120	C1 & C2	Ø8 x 120	232,670	45	55	25	400
THA10100	C1 & C2	Ø10 x 100	314,080	50	15	25	300
THA10120	C1 & C2	Ø10 x 120	364,597	50	35	25	200

THP

Pan head. ATLANTIS C3-H coating. Opt.1 ETA Assessed



CODE	SEISMIC ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THP05040	-	Ø5 x 40	49,610	30	5	100	2.400
THP05060	-	Ø5 x 60	57,073	30	5	100	1.200
THP06040	-	Ø6 x 40	59,650	40	5	100	1.200
THP06050	-	Ø6 x 50	70,340	40	15	100	1.200
THP06060	C1	Ø6 x 60	80,187	40	5	100	1.200
THP06080	C1	Ø6 x 80	99,437	40	25	50	600
THP06100	C1	Ø6 x 100	118,073	40	45	50	200
THP08060	C1 & C2	Ø8 x 60	140,897	45	10	25	400
THP08080	C1 & C2	Ø8 x 80	163,707	45	15	25	300

THT

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



CODE	SEISMIC ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THT06040	-	Ø6 x 40	77,593	30	5	100	1.600
THT06050	-	Ø6 x 50	92,370	30	15	100	1.200
THT06060	C1	Ø6 x 60	105,303	30	5	100	400

Self-tapping concrete screwbolt

TH/TF



CODE	SEISMIC ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
TFE05040	-	Ø5 x 40	36,347	8	5	100	2.400
TFE05050	-	Ø5 x 50	42,157	8	5	100	1.600
TFE05060	-	Ø5 x 60	45,027	8	15	100	1.600
TFE05080	-	Ø5 x 80	59,057	8	35	50	800
TFE05100	-	Ø5 x 100	68,653	8	55	50	800
TFE06040	-	Ø6 x 40	46,130	10	5	100	1.600
TFE06050	-	Ø6 x 50	49,840	10	15	100	1.200
TFE06060	C1	Ø6 x 60	55,500	10	5	100	1.200
TFE06070	C1	Ø6 x 70	61,513	10	15	50	600
TFE06080	C1	Ø6 x 80	69,160	10	25	50	800
TFE06100	C1	Ø6 x 100	86,927	10	45	25	400
TFE06120	C1	Ø6 x 120	99,093	10	65	25	400
TFE08055	C1 & C2	Ø8 x 55	88,820	13	5	50	600
TFE08060	C1 & C2	Ø8 x 60	90,587	13	10	50	600
TFE08070	C1 & C2	Ø8 x 70	99,930	13	5	50	200
TFE08080	C1 & C2	Ø8 x 80	111,917	13	15	25	400
TFE08090	C1 & C2	Ø8 x 90	120,807	13	25	25	400
TFE08100	C1 & C2	Ø8 x 100	127,517	13	35	25	400
TFE08110	C1 & C2	Ø8 x 110	133,263	13	45	25	400
TFE08120	C1 & C2	Ø8 x 120	183,077	13	55	25	400
TFE08140	C1 & C2	Ø8 x 140	188,417	13	75	25	300
TFE10060	C1 & C2	Ø10 x 60	160,163	15	5	50	200
TFE10070	C1 & C2	Ø10 x 70	173,833	15	15	50	200
TFE10080	C1 & C2	Ø10 x 80	187,023	15	25	50	300
TFE10090	C1 & C2	Ø10 x 90	193,573	15	5	25	300
TFE10100	C1 & C2	Ø10 x 100	199,753	15	15	25	300
TFE10120	C1 & C2	Ø10 x 120	229,577	15	35	25	200
TFE10140	C1 & C2	Ø10 x 140	254,683	15	55	25	100
TFE12080	-	Ø12 x 80	229,750	18	5	25	100
TFE12090	-	Ø12 x 90	245,470	18	15	25	100
TFE12110	C1 & C2	Ø12 x 110	280,437	18	5	25	100
TFE12130	C1 & C2	Ø12 x 130	322,457	18	25	25	150
TFE12150	C1 & C2	Ø12 x 150	357,230	18	45	25	100
TFE14080	-	Ø14 x 80	330,057	21	5	25	150
TFE14100	-	Ø14 x 100	391,940	21	25	25	150
TFE14120	C1 & C2	Ø14 x 120	456,740	21	5	25	100
TFE14130	C1 & C2	Ø14 x 130	518,167	21	15	25	100
TFE14140	C1 & C2	Ø14 x 140	558,027	21	25	25	100
TFE14160	-	Ø14 x 160	607,100	21	45	25	50
TFE18100	-	Ø18 x 100	657,930	24	10	20	80
TFE18130	-	Ø18 x 130	767,877	24	40	20	40
TFE18160	C1 & C2	Ø18 x 160	895,123	24	20	15	30
TFE18180	C1 & C2	Ø18 x 180	968,417	24	40	15	30
TFE18200	C1 & C2	Ø18 x 200	1.062,100	24	60	10	20



CODE	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
TFN14080	Ø14 x 80	475,077	24	5	25	150

TFE

Hexagon head. Zinc-plated coating. Opt.1 ETA Assessed



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TFN

Hexagon head without nut. Zinc-plated coating. Opt.1 ETA Assessed



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TH/TF

Self-tapping concrete screwbolt

TFS

Stud bolt. Zinc-plated coating. Opt.1
ETA Assessed



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CODE	SEISMIC ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
TFS06100	C1 & C2	Ø6 x 100 (M8)	134,480	5	31	50	800
TFS06120	C1 & C2	Ø6 x 120 (M8)	149,093	5	51	50	600
TFS08110	C1 & C2	Ø8 x 110 (M10)	199,350	7	29	50	400
TFS08130	C1 & C2	Ø8 x 130 (M10)	221,680	7	44	50	400
TFS10120	-	Ø10 x 120 (M12)	290,343	8	26	25	200
TFS10140	-	Ø10 x 140 (M12)	323,650	8	46	25	200

TFM

Hanger male. Zinc-plated coating.
Opt.1 ETA Assessed



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CODE	DRILL Ø X LENGTH	€/100			
TFM06035	Ø6 x 35 (M8)	97,850	13	100	400
TFM06055	Ø6 x 55 (M10)	114,923	13	100	600

TFF

Hanger female. Zinc-plated coating.
Opt.1 ETA Assessed



02 Technical
info
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CODE	DRILL Ø X LENGTH	€/100			
TFF06035	Ø6 x 35 (M8-M10)	118,647	13	50	200
TFF06055	Ø6 x 55 (M8-M10)	128,103	13	50	200

Anti-spin sleeve anchor, for medium loads



CODE	SIZE	€/100		
ACHT08C	M6 x 45 Ø8	34,563	200	1.200
ACHT08L	M6 x 60 Ø8	40,043	200	800
•ACHT09C	M6 x 45 Ø9	41,093	200	800
•ACHT09L	M6 x 60 Ø9	46,513	200	800
ACHT10C	M8 x 60 Ø10	55,157	100	600
ACHT10L	M8 x 80 Ø10	64,660	100	400
•ACHT11C	M8 x 60 Ø11	65,393	100	400
•ACHT11L	M8 x 80 Ø11	78,757	100	400
ACHT12C	M10 x 70 Ø12	89,910	100	200
ACHT12L	M10 x 100 Ø12	111,107	50	200
•ACHT14C	M10 x 70 Ø14	113,303	100	200
•ACHT14L	M10 x 100 Ø14	137,727	50	200
ACHT16C	M12 x 80 Ø16	174,327	50	200
ACHT16L	M12 x 110 Ø16	211,517	50	100
ACHT20C	M16 x 110 Ø20	381,160	25	50
•ACHT25C	M20 x 130 Ø25	1.088,713	15	45

• Non-assessed sizes

CH-TO

Hexagonal head screw 6.8. Opt.7 ETA Assessed



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Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZACHT08C	M6 x 45 Ø8	3,427	2	15
BZACHT08L	M6 x 60 Ø8	3,427	2	15
BZACHT10C	M8 x 60 Ø10	3,427	2	15
BZACHT10L	M8 x 80 Ø10	3,427	2	15
BZACHT12C	M10 x 70 Ø12	3,427	2	10
BZACHT12L	M10 x 100 Ø12	3,427	2	10

CODE	SIZE	€/BOX	PCS.	BOXES
VACHT08C	M6 x 45 Ø8	6,312	15	8
VACHT08L	M6 x 60 Ø8	7,107	15	8
VACHT10C	M8 x 60 Ø10	6,686	10	8
VACHT10L	M8 x 80 Ø10	7,837	10	8
VACHT12C	M10 x 70 Ø12	8,446	8	8
VACHT12L	M10 x 100 Ø12	8,030	6	8
VACHT16C	M12 x 80 Ø16	8,122	4	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSACHT08C	M6 x 45 Ø8	9,912	24	6
LSACHT08L	M6 x 60 Ø8	7,806	16	6
LSACHT10C	M8 x 60 Ø10	5,826	8	6
LSACHT10L	M8 x 80 Ø10	6,409	8	6
LSACHT12C	M10 x 70 Ø12	8,446	8	6
LSACHT12L	M10 x 100 Ø12	9,808	8	6
LSACHT16C	M12 x 80 Ø16	8,164	4	5

STAINLESS STEEL



CODE	SIZE	€/100		
ACHTA208C	M6 x 45 Ø8	108,713	100	1.200
ACHTA208L	M6 x 60 Ø8	122,817	100	600
•ACHTA209C	M6 x 45 Ø9	123,027	100	1.200
•ACHTA209L	M6 x 60 Ø9	142,097	100	600
ACHTA210C	M8 x 60 Ø10	176,140	100	600
ACHTA210L	M8 x 80 Ø10	202,623	100	400
•ACHTA211C	M8 x 60 Ø11	211,907	100	400
•ACHTA211L	M8 x 80 Ø11	249,623	100	400
ACHTA212C	M10 x 70 Ø12	297,137	100	200
ACHTA212L	M10 x 100 Ø12	363,387	50	200
•ACHTA214C	M10 x 70 Ø14	395,263	100	300
•ACHTA214L	M10 x 100 Ø14	440,873	50	200
ACHTA216C	M12 x 80 Ø16	585,907	50	100
ACHTA216L	M12 x 110 Ø16	741,410	50	100
ACHTA220C	M16 x 110 Ø20	1.522,157	25	75

• Non-assessed sizes

CH-A2

A2 Stainless steel. Opt.7 ETA Assessed



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Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZACHTA208C	M6 x 45 Ø8	4,622	2	15
BZACHTA208L	M6 x 60 Ø8	4,622	2	15
BZACHTA210C	M8 x 60 Ø10	4,622	2	15
BZACHTA210L	M8 x 80 Ø10	4,622	2	15

CODE	SIZE	€/BOX	PCS.	BOXES
VACHTA208C	M6 x 45 Ø8	13,641	10	8
VACHTA208L	M6 x 60 Ø8	15,859	10	8
VACHTA210C	M8 x 60 Ø10	14,204	6	8
VACHTA210L	M8 x 80 Ø10	16,912	6	8
VACHTA212C	M10 x 70 Ø12	15,938	4	8
VACHTA212L	M10 x 100 Ø12	19,673	4	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSACHTA208C	M6 x 45 Ø8	14,734	12	6
LSACHTA208L	M6 x 60 Ø8	17,128	12	6
LSACHTA210C	M8 x 60 Ø10	17,044	8	6
LSACHTA210L	M8 x 80 Ø10	20,293	8	6
LSACHTA212C	M10 x 70 Ø12	21,519	6	6
LSACHTA212L	M10 x 100 Ø12	19,673	4	5

CH

Anti-spin sleeve anchor, for medium loads

CH-GA

Hook bolt



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CODE	SIZE	€/100	APERTURE HOOK		
ACHG08C	M6 x 45 Ø8	58,633	10	100	600
ACHG09C	M6 x 45 Ø9	61,373	10	100	600
ACHG10C	M8 x 60 Ø10	97,503	13	100	400
ACHG11C	M8 x 60 Ø11	107,373	13	100	400
ACHG12C	M10 x 70 Ø12	157,763	14	50	200
ACHG14C	M10 x 70 Ø14	180,777	14	50	200
ACHG16C	M12 x 80 Ø16	286,473	22	25	100

Blister

CODE	SIZE	€/BAG	PCS. BAGS
BZACHG08C	M6 x 45 Ø8	3,427	2 15
BZACHG10C	M8 x 60 Ø10	3,427	2 15
BZACHG12C	M10 x 70 Ø12	3,427	2 10

Window Box

CODE	SIZE	€/BOX	PCS. BOXES
VACHG08C	M6 x 45 Ø8	6,702	10 8
VACHG10C	M8 x 60 Ø10	6,802	6 8

Self-Service

CODE	SIZE	€/BAG	PCS. BAGS
LSACHG08C	M6 x 45 Ø8	7,856	12 6
LSACHG10C	M8 x 60 Ø10	6,802	6 6

CH-AR

Eye bolt



02 Technical info P. 263



CODE	SIZE	€/100	EYE BOLT Ø		
ACHA08C	M6 x 45 Ø8	58,633	10	100	600
ACHA09C	M6 x 45 Ø9	61,373	10	100	600
ACHA10C	M8 x 60 Ø10	97,503	13	100	400
ACHA11C	M8 x 60 Ø11	107,373	13	100	200
ACHA12C	M10 x 70 Ø12	157,763	14	50	200
ACHA14C	M10 x 70 Ø14	180,777	14	50	200
ACHA16C	M12 x 80 Ø16	286,473	22	25	100

Blister

CODE	SIZE	€/BAG	PCS. BAGS
BZACHA08C	M6 x 45 Ø8	3,427	2 15
BZACHA10C	M8 x 60 Ø10	3,427	2 15
BZACHA12C	M10 x 70 Ø12	3,427	2 10

Window Box

CODE	SIZE	€/BOX	PCS. BOXES
VACHA08C	M6 x 45 Ø8	6,825	10 8
VACHA10C	M8 x 60 Ø10	6,802	6 8

Self-Service

CODE	SIZE	€/BAG	PCS. BAGS
LSACHA08C	M6 x 45 Ø8	9,303	14 6
LSACHA10C	M8 x 60 Ø10	6,802	6 6

CH-PL

Flat head screw. Opt.7 ETA Assessed



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CODE	SIZE	€/100			
ACHTPL08C	M6 x 45 Ø8	61,547	4	100	1.600
ACHTPL08L	M6 x 60 Ø8	90,263	4	100	1.200
ACHTPL10C	M8 x 60 Ø10	101,143	5	100	400
ACHTPL10L	M8 x 80 Ø10	136,347	5	100	400
ACHTPL12C	M10 x 70 Ø12	179,083	6	50	400
ACHTPL12L	M10 x 100 Ø12	307,047	6	50	300



Anti-spin sleeve anchor, for medium loads

STAINLESS STEEL



CODE	SIZE	€/100			
ACHTPI08C	M6 x 45 Ø8	116,590	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	149,287	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	219,947	5	100	600
ACHTPI10L	M8 x 80 Ø10	260,373	5	100	400
ACHTPI12C	M10 x 70 Ø12	347,790	6	50	300
ACHTPI12L	M10 x 100 Ø12	410,607	6	50	300

CH-PI

A2 Stainless steel flat head screw. Opt.7
ETA Assessed



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P. 263



SOLID



CODE	SIZE	€/100			
ACHINB08C	M6 x 45 Ø8	59,180	TX40	100	1.200
ACHINB08L	M6 x 60 Ø8	67,830	TX40	100	800
ACHINB10C	M8 x 60 Ø10	83,930	TX40	100	600
ACHINB10L	M8 x 80 Ø10	98,997	TX40	100	400

Blister

CODE	SIZE	€/BAG	PCS. B	BAGS
BZACHINB08C	M6 x 45 Ø8	3,427	2	15
BZACHINB10C	M8 x 60 Ø10	3,427	2	15

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

Tamperproof available separately on page 191

CH-INB

Zinc-plated tamperproof head. Opt.7
ETA Assessed



02 Technical info
P. 263



SOLID



CODE	SIZE	€/100			
ACHINN08C	M6 x 45 Ø8	72,123	TX40	100	1.200
ACHINN08L	M6 x 60 Ø8	80,803	TX40	100	800
ACHINN10C	M8 x 60 Ø10	97,077	TX40	100	600
ACHINN10L	M8 x 80 Ø10	116,590	TX40	100	400

CH-INN

Black zinc-plated tamperproof head.
Opt.7 ETA Assessed



02 Technical info
P. 263



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

Tamperproof available separately on page 191



DIRECT FIXING



FG-GUN

Semiautomatic, wireless, gas-actuated nail gun

GAS

FG-GUN

Semiautomatic, wireless, gas-actuated nail gun for drywall

CODE	SIZE	€/PC	
FG60GUN	Gas gun	2.160,000	1



TOOL CASE CONTENT

- Gas gun
- Charger
- 2 batteries
- Allen key
- User manual



GUN SUPPLIED WITH COMPLETE KIT CASE

- 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.

NEW FG-GUNEL

Semiautomatic, wireless, gas-actuated nail gun for electricians

GAS



CODE	SIZE	€/PC	
FG60GUNEL	Electrician gun	2.376,667	1

TOOL CASE CONTENT

- Gas gun
- Charger
- 2 batteries
- Allen key
- User manual
- Barrel for electricians

Nails for gas-actuated guns

FG-CL



CODE	SIZE	€/100	
FGCL15	2,6 x 15	13,640	1.000
FGCL20	2,6 x 20	14,063	1.000
FGCL25	2,6 x 25	14,293	1.000
FGCL30	2,6 x 30	14,430	1.000
FGCL35	2,6 x 35	15,737	1.000
FGCL40	2,6 x 40	16,917	1.000

FG-CL

Standard nails



+ 1 FUELL CELL



CODE	SIZE	€/100	
FGCLH15 NEW	3,1 x 15	15,533	1.000
FGCLH17	3,1 x 17	15,840	1.000
FGCLH19	3,1 x 19	15,840	1.000
FGCLH22	3,1 x 22	15,840	1.000
FGCLH27	3,1 x 27	16,573	1.000
FGCLH32	3,1 x 32	17,157	1.000

FG-CLH

Nails for hard materials



+ 1 FUELL CELL

Accessories for installation with gas gun

FG-AC

GAS

CODE	SIZE	€/100		
FGARAM25	Ø25	19,215	200	4.800

FG-ARAM **NEW**

Metallic washer



GAS

CODE	SIZE	€/100		
FGARAM25EP	Ø25	20,368	1.000	-

FG-ARAM EP **NEW**

Metallic washer. Plastic container



CODE	SIZE	€/100		
FGPLET	M6 - M8	177,512	100	400

FG-PLET

Threaded platen for rod



FG-AC

Accessories for installation with gas gun

AB-PID

Conduit clip with single hole for shooting



CODE	SIZE	€/100		
ABPID016	16	13,140	100	1.200
ABPID020	20	20,327	100	1.200
ABPID025	25	23,820	100	600
ABPID032	32	29,567	100	600

FG-ABRA

Snap clamp



CODE	SIZE	€/100		
FGABRA15	15 - 18	59,578	100	-
FGABRA20	20 - 25	62,960	50	200
FGABRA25	25 - 32	75,703	50	-

INSTALLATION GUN



FG-BASE

Flange base



CODE	SIZE	€/100		
FGBASENE		16,173	100	1.200
FGBASEGR NEW		16,659	100	1.200

Accessories for gas gun

FG-APG

GAS

CODE	SIZE	€/PC	
FGCAEL	11	216,667	1

FG-CAEL NEW

Special pistol barrel for electricians



GAS

CODE	SIZE	€/PC	
FGCLCAR40	40	305,926	1

FG-CLCAR NEW

Gun magazine for 40 nails



GAS

CODE	SIZE	€/PC	
FGIMAN	Øinterior 11,25	119,926	1

FG-IMAN

Magnet



GAS

CODE	€/PC	
FG60BAT	283,333	1

FG-BAT

FP60GUN Battery



GAS

CODE	€/PC	
FG60CAR	239,221	1

FG-CAR

FP60GUN Charger



GAS



CODE	€/PC		
FG60GAS	50,985	1	12

FG-GAS

Gas cartridge





SCREWS



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

DIN-7504-K

Screw



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



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



CODE	SIZE	€/100			
ABE3509	3,5 x 9,5	2,697	6	1.000	24.000
ABE3513	3,5 x 13	2,673	6	1.000	12.000
ABE3516	3,5 x 16	3,143	6	1.000	12.000
ABE3519	3,5 x 19	3,190	6	1.000	12.000
ABE4213	4,2 x 13	3,613	7	1.000	12.000
ABE4216	4,2 x 16	3,990	7	1.000	8.000
ABE4219	4,2 x 19	4,623	7	1.000	8.000
ABE4225	4,2 x 25	5,233	7	500	6.000
ABE4232	4,2 x 32	6,017	7	500	6.000
ABE4238	4,2 x 38	6,847	7	500	6.000
ABE4813	4,8 x 13	4,853	8	1.000	8.000
ABE4816	4,8 x 16	5,250	8	1.000	6.000
ABE4819	4,8 x 19	5,357	8	500	6.000
ABE4825	4,8 x 25	6,340	8	500	6.000
ABE4832	4,8 x 32	7,543	8	500	3.000
ABE4838	4,8 x 38	8,467	8	500	3.000
ABE5519	5,5 x 19	7,333	8	500	6.000
ABE5522	5,5 x 22	7,490	8	500	4.000
ABE5525	5,5 x 25	8,500	8	500	6.000
ABE5532	5,5 x 32	9,850	8	500	3.000
ABE5538	5,5 x 38	11,180	8	500	3.000
ABE5550	5,5 x 50	13,517	8	500	2.000

CODE	SIZE	€/100			
ABE5563	5,5 x 63	16,200	8	250	1.000
ABE5575	5,5 x 75	19,783	8	250	1.500
ABE6319	6,3 x 19	11,000	10	500	3.000
ABE6325	6,3 x 25	12,100	10	500	3.000
ABE6332	6,3 x 32	14,307	10	500	2.000
ABE6338	6,3 x 38	15,473	10	500	2.000
ABE6350	6,3 x 50	18,860	10	250	1.500
ABE6363	6,3 x 63	22,433	10	250	1.500
ABE6375	6,3 x 75	27,100	10	250	1.000
ABE6380	6,3 x 80	28,970	10	250	1.000
ABE6390	6,3 x 90	36,163	10	250	750
ABE6310	6,3 x 100	37,447	10	100	600
ABE6311	6,3 x 110	44,257	10	100	600
ABE6312	6,3 x 120	53,283	10	100	600
ABE6313	6,3 x 130	59,133	10	100	600
ABE6314	6,3 x 140	66,470	10	100	600
ABE6315	6,3 x 150	95,763	10	100	600
ABE6316	6,3 x 160	107,453	10	100	400
ABE6318	6,3 x 180	139,043	10	100	300
ABE6320	6,3 x 200	175,590	10	100	300
ABE6322	6,3 x 220	203,323	10	100	200
ABE6324	6,3 x 240	253,797	10	100	200



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZABE3509	3,5 x 9,5	2,565	20	20
BZABE3513	3,5 x 13	2,565	20	20
BZABE4213	4,2 x 13	2,565	20	20
BZABE4216	4,2 x 16	2,565	20	20
BZABE4219	4,2 x 19	2,565	20	20
BZABE4225	4,2 x 25	2,565	10	20
BZABE4813	4,8 x 13	2,565	20	20
BZABE4816	4,8 x 16	2,565	20	20
BZABE4819	4,8 x 19	2,565	10	20
BZABE4825	4,8 x 25	2,565	10	20
BZABE4832	4,8 x 32	2,565	10	20
BZABE4838	4,8 x 38	2,565	10	20
BZABE5519	5,5 x 19	2,565	10	20
BZABE5522	5,5 x 22	2,565	10	20
BZABE5525	5,5 x 25	2,565	10	20
BZABE5532	5,5 x 32	2,565	10	20
BZABE5538	5,5 x 38	2,565	10	20
BZABE5550	5,5 x 50	2,565	10	20
BZABE6325	6,3 x 25	2,565	10	20
BZABE6332	6,3 x 32	2,565	10	20
BZABE6338	6,3 x 38	2,565	10	20
BZABE6350	6,3 x 50	2,565	5	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VABE3509	3,5 x 9,5	6,358	225	8
VABE3513	3,5 x 13	6,659	200	8
VABE4213	4,2 x 13	6,637	150	8
VABE4216	4,2 x 16	7,261	150	8
VABE4219	4,2 x 19	8,567	150	8
VABE4225	4,2 x 25	4,984	75	8
VABE4232	4,2 x 32	5,888	75	8
VABE4813	4,8 x 13	8,912	150	8
VABE4816	4,8 x 16	9,843	150	8
VABE4819	4,8 x 19	10,728	150	8
VABE4825	4,8 x 25	12,104	150	8
VABE4832	4,8 x 32	10,055	110	8
VABE4838	4,8 x 38	8,877	85	8
VABE5519	5,5 x 19	11,330	125	8
VABE5522	5,5 x 22	11,910	125	8
VABE5525	5,5 x 25	13,136	125	8
VABE5532	5,5 x 32	10,351	85	8
VABE5538	5,5 x 38	10,843	80	8
VABE5550	5,5 x 50	9,824	60	8
VABE5563	5,5 x 63	7,890	40	8
VABE6319	6,3 x 19	13,610	100	8
VABE6325	6,3 x 25	13,221	90	8
VABE6332	6,3 x 32	12,163	70	8
VABE6338	6,3 x 38	11,277	60	8
VABE6350	6,3 x 50	9,161	40	8
VABE6363	6,3 x 63	7,008	25	8

DIN-7504-K A2

Screw. A2 Stainless steel



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	17,927	7	1.000	12.000
ABEI4216	4,2 x 16	20,113	7	1.000	8.000
ABEI4219	4,2 x 19	20,847	7	1.000	8.000
ABEI4813	4,8 x 13	25,360	8	1.000	8.000
ABEI4816	4,8 x 16	24,780	8	500	6.000
ABEI4819	4,8 x 19	26,817	8	500	6.000
ABEI4825	4,8 x 25	30,027	8	500	6.000
ABEI4832	4,8 x 32	35,707	8	500	3.000
ABEI5519	5,5 x 19	37,023	8	500	6.000
ABEI5522	5,5 x 22	39,500	8	500	4.000
ABEI5525	5,5 x 25	41,980	8	500	6.000
ABEI6319	6,3 x 19	56,113	10	500	3.000
ABEI6325	6,3 x 25	63,840	10	500	3.000

Self-drilling screw with hexagonal head

DIN-7504-K

METAL



CODE	SIZE	€/100			
ABE144219	4,2 x 19 P14	10,393	7	1.000	4.000
ABE144225	4,2 x 25 P14	12,297	7	500	3.000
ABE144816	4,8 x 16 P14	9,987	8	1.000	4.000
ABE144819	4,8 x 19 P14	10,712	8	1.000	4.000
ABE144825	4,8 x 25 P14	11,853	8	1.000	4.000
ABE144832	4,8 x 32 P14	16,297	8	500	3.000
ABE144838	4,8 x 38 P14	17,893	8	500	3.000
ABE145522	5,5 x 22 P14	14,253	8	1.000	4.000
ABE145532	5,5 x 32 P14	16,100	8	1.000	4.000
ABE164219	4,2 x 19 P16	12,857	7	1.000	4.000
ABE164816	4,8 x 16 P16	11,660	8	1.000	4.000
ABE164819	4,8 x 19 P16	11,652	8	1.000	3.000
ABE164825	4,8 x 25 P16	12,327	8	1.000	3.000
ABE164832	4,8 x 32 P16	17,197	8	500	3.000
ABE164838	4,8 x 38 P16	18,623	8	500	2.000
ABE165519	5,5 x 19 P16	13,580	8	1.000	3.000
ABE165522	5,5 x 22 P16	12,983	8	1.000	3.000
ABE165525	5,5 x 25 P16	15,143	8	1.000	3.000
ABE165532	5,5 x 32 P16	15,900	8	1.000	2.000
ABE165538	5,5 x 38 P16	18,023	8	1.000	2.000
ABE165550	5,5 x 50 P16	20,437	8	500	1.500
ABE165563	5,5 x 63 P16	23,867	8	250	1.500
ABE165575	5,5 x 75 P16	28,480	8	250	1.000
ABE166319	6,3 x 19 P16	17,493	10	500	3.000
ABE166325	6,3 x 25 P16	17,741	10	500	2.000
ABE166332	6,3 x 32 P16	22,153	10	500	2.000
ABE166338	6,3 x 38 P16	23,620	10	500	2.000
ABE166350	6,3 x 50 P16	28,007	10	500	1.000
ABE166363	6,3 x 63 P16	31,360	10	250	1.000
ABE166375	6,3 x 75 P16	38,447	10	250	750
ABE166380	6,3 x 80 P16	41,593	10	100	600
ABE166390	6,3 x 90 P16	49,400	10	100	600
ABE166310	6,3 x 100 P16	51,573	10	100	600
ABE166311	6,3 x 110 P16	57,817	10	100	600
ABE166312	6,3 x 120 P16	68,367	10	100	400
ABE166313	6,3 x 130 P16	74,553	10	100	400
ABE166314	6,3 x 140 P16	81,217	10	100	400

CODE	SIZE	€/100			
ABE184819	4,8 x 19 P18	15,357	8	500	3.000
ABE184825	4,8 x 25 P18	16,297	8	500	3.000
ABE184838	4,8 x 38 P18	20,147	8	500	2.000
ABE185522	5,5 x 22 P18	15,773	8	500	3.000
ABE185525	5,5 x 25 P18	17,520	8	500	3.000
ABE185532	5,5 x 32 P18	18,920	8	500	2.000
ABE185538	5,5 x 38 P18	20,200	8	500	2.000
ABE185550	5,5 x 50 P18	26,743	8	500	1.500
ABE185563	5,5 x 63 P18	25,763	8	250	1.000
ABE186319	6,3 x 19 P18	19,597	10	500	3.000
ABE186325	6,3 x 25 P18	19,267	10	500	2.000
ABE186332	6,3 x 32 P18	23,987	10	500	2.000
ABE186338	6,3 x 38 P18	23,447	10	250	1.500
ABE186350	6,3 x 50 P18	27,823	10	250	1.000
ABE186363	6,3 x 63 P18	32,853	10	250	1.000
ABE186375	6,3 x 75 P18	37,117	10	250	750
ABE186380	6,3 x 80 P18	46,767	10	100	600
ABE186390	6,3 x 90 P18	44,443	10	100	600
ABE186310	6,3 x 100 P18	48,547	10	100	400
ABE186311	6,3 x 110 P18	60,703	10	100	400
ABE186312	6,3 x 120 P18	72,847	10	100	400
ABE186313	6,3 x 130 P18	91,483	10	100	400
ABE186314	6,3 x 140 P18	100,720	10	100	400
ABE255522	5,5 x 22 P25	19,927	8	500	1.500
ABE255525	5,5 x 25 P25	23,917	8	500	1.500
ABE256325	6,3 x 25 P25	25,187	10	500	1.500
ABE256332	6,3 x 32 P25	30,413	10	500	1.000
ABE256338	6,3 x 38 P25	33,763	10	250	750
ABE256350	6,3 x 50 P25	38,097	10	250	750
ABE256363	6,3 x 63 P25	43,063	10	100	600
ABE256380	6,3 x 80 P25	54,107	10	100	300
ABE256390	6,3 x 90 P25	55,947	10	100	400
ABE256310	6,3 x 100 P25	60,933	10	100	400
ABE256311	6,3 x 110 P25	67,783	10	100	300
ABE256312	6,3 x 120 P25	74,723	10	100	300
ABE256313	6,3 x 130 P25	85,977	10	100	300
ABE256314	6,3 x 140 P25	94,013	10	100	200

DIN-7504-K + ARVUL

Screw with vulcanized EPDM-steel washer



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



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



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZABE144819	4,8 x 19 P14	2,565	18	10
BZABE144825	4,8 x 25 P14	2,565	18	10
BZABE164819	4,8 x 19 P16	2,565	18	10
BZABE165522	5,5 x 22 P16	2,565	15	10
BZABE165525	5,5 x 25 P16	2,565	15	10
BZABE165532	5,5 x 32 P16	2,565	12	10
BZABE165538	5,5 x 38 P16	2,565	12	10
BZABE165550	5,5 x 50 P16	2,565	10	10
BZABE166325	6,3 x 25 P16	2,565	10	10
BZABE166332	6,3 x 32 P16	2,565	8	10
BZABE166338	6,3 x 38 P16	2,565	8	10



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VABE144819	4,8 x 19 P14	13,048	100	8
VABE144825	4,8 x 25 P14	11,564	80	8
VABE164819	4,8 x 19 P16	9,532	70	8
VABE165522	5,5 x 22 P16	10,516	70	8
VABE165525	5,5 x 25 P16	10,914	60	8
VABE165532	5,5 x 32 P16	9,431	50	8
VABE165538	5,5 x 38 P16	9,604	45	8
VABE165550	5,5 x 50 P16	8,448	35	8
VABE166325	6,3 x 25 P16	10,263	50	8
VABE166332	6,3 x 32 P16	13,349	50	8
VABE166338	6,3 x 38 P16	11,379	40	8

METAL



CODE	SIZE	€/JAR		PCS X JAR
ABE144819CP	4,8 x 19 P14	139,268	8	1.250
ABE164819CP	4,8 x 19 P16	143,962	8	1.250
ABE165522CP	5,5 x 22 P16	168,822	8	1.250
ABE166325CP	6,3 x 25 P16	138,377	10	750



DIN-7504-K CP + ARVUL

Plastic container



AUE

Self-tapping screw with hexagonal head

AUE

Screw



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

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



CODE	SIZE	€/100			
AUE6319	6,3 x 19	8,940	10	500	3.000
AUE6325	6,3 x 25	9,680	10	500	3.000
AUE6332	6,3 x 32	11,483	10	500	2.000
AUE6340	6,3 x 40	12,807	10	500	2.000
AUE6350	6,3 x 50	14,740	10	500	1.500
AUE6360	6,3 x 60	17,803	10	250	1.000
AUE6380	6,3 x 80	23,840	10	250	1.000
AUE6310	6,3 x 100	31,070	10	250	750
AUE6311	6,3 x 110	37,570	10	250	750
AUE6312	6,3 x 120	40,103	10	250	750
AUE6313	6,3 x 130	49,307	10	250	750
AUE6314	6,3 x 140	56,527	10	250	500
AUE6315	6,3 x 150	69,480	10	100	400

AUE + ARVUL

Screw with vulcanized EPDM-steel washer



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

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



CODE	SIZE	€/100			
AUE166319	6,3 x 19 P16	15,953	10	500	2.000
AUE166325	6,3 x 25 P16	16,900	10	500	2.000
AUE166332	6,3 x 32 P16	18,747	10	500	2.000
AUE166340	6,3 x 40 P16	20,827	10	500	1.500
AUE166350	6,3 x 50 P16	23,227	10	500	1.500
AUE166360	6,3 x 60 P16	28,320	10	250	1.000
AUE166380	6,3 x 80 P16	36,137	10	250	750
AUE186325	6,3 x 25 P18	18,050	10	500	2.000
AUE186332	6,3 x 32 P18	20,707	10	500	1.500
AUE186340	6,3 x 40 P18	25,103	10	500	1.500
AUE186350	6,3 x 50 P18	25,430	10	500	1.500
AUE186360	6,3 x 60 P18	30,620	10	250	1.000
AUE186380	6,3 x 80 P18	39,693	10	250	750
AUE186310	6,3 x 100 P18	46,347	10	250	750
AUE186311	6,3 x 110 P18	52,520	10	250	500
AUE186312	6,3 x 120 P18	60,410	10	100	400
AUE186313	6,3 x 130 P18	70,613	10	100	400
AUE186314	6,3 x 140 P18	76,647	10	100	400
AUE186315	6,3 x 150 P18	78,507	10	100	400
AUE256325	6,3 x 25 P25	29,010	10	500	1.500

ARVUL

Vulcanized EPDM-steel washer

ARVUL

ATLANTIS C2-M coating



CODE	SIZE	€/100	WASHER INNER Ø		
ARANE14	P14	4,363	2,5	1.000	12.000
ARANE16	P16	4,880	2,7	1.000	6.000
ARANE18	P18	6,213	3,2	1.000	6.000
ARANE25	P25	10,637	3,3	500	3.000



CODE	SIZE	€/BAG	PCS.	BAGS
BZARANE14	P14	2,029	20	10
BZARANE16	P16	2,029	20	10
BZARANE18	P18	2,029	20	10



CODE	SIZE	€/BOX	PCS.	BOXES
VARANE14	P14	5,283	100	8
VARANE16	P16	5,860	100	8
VARANE18	P18	7,687	100	8
VARANE25	P25	13,314	100	8

ARVUL A2

A2 Stainless steel



CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	12,053	2,5	1.000	12.000
ARINO16	P16	13,627	2,7	1.000	6.000
ARINO18	P18	17,147	3,2	1.000	6.000
ARINO25	P25	31,707	3,3	500	3.000
ARINOM30	P30	45,500	6,3	500	1.500



* ARINOM30: Specially recommended for MTH-A2, 6



Panhead self-tapping screw

DIN-7981 HP



DIN-7981 HP Z

Zinc-plated. PH recess



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



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

CODE	SIZE	€/100			
T8129006	2,9 x 6,5	1,529	PH1	1.000	45.000
T8129009	2,9 x 9,5	1,583	PH1	1.000	30.000
T8129013	2,9 x 13	1,598	PH1	1.000	24.000
T8129016	2,9 x 16	1,787	PH1	1.000	24.000
T8129019	2,9 x 19	1,937	PH1	1.000	24.000
T8129022	2,9 x 22	2,216	PH1	1.000	12.000
T8129025	2,9 x 25	2,497	PH1	500	12.000
T8135006	3,5 x 6,5	1,597	PH2	1.000	24.000
T8135009	3,5 x 9,5	1,635	PH2	1.000	24.000
T8135013	3,5 x 13	1,950	PH2	500	15.000
T8135016	3,5 x 16	2,262	PH2	500	12.000
T8135019	3,5 x 19	2,460	PH2	500	12.000
T8135025	3,5 x 25	3,163	PH2	250	6.000
T8135032	3,5 x 32	3,770	PH2	250	6.000
T8139009	3,9 x 9,5	1,967	PH2	500	15.000
T8139013	3,9 x 13	2,382	PH2	500	12.000
T8139016	3,9 x 16	2,590	PH2	500	12.000
T8139019	3,9 x 19	2,963	PH2	500	12.000
T8139022	3,9 x 22	3,300	PH2	250	6.000
T8139025	3,9 x 25	3,655	PH2	250	6.000
T8139032	3,9 x 32	4,130	PH2	250	6.000
T8139038	3,9 x 38	4,833	PH2	250	6.000
T8139045	3,9 x 45	5,823	PH2	250	3.000
T8139050	3,9 x 50	6,463	PH2	250	3.000
T8142009	4,2 x 9,5	2,470	PH2	500	12.000
T8142013	4,2 x 13	2,663	PH2	500	12.000
T8142016	4,2 x 16	3,201	PH2	500	12.000
T8142019	4,2 x 19	3,237	PH2	500	8.000
T8142022	4,2 x 22	4,019	PH2	250	6.000
T8142025	4,2 x 25	4,037	PH2	250	6.000
T8142032	4,2 x 32	4,723	PH2	250	6.000
T8142038	4,2 x 38	5,527	PH2	250	3.000
T8142045	4,2 x 45	6,327	PH2	250	3.000
T8142050	4,2 x 50	6,687	PH2	250	3.000
T8142060	4,2 x 60	9,017	PH2	250	3.000
T8142070	4,2 x 70	10,127	PH2	250	1.500
T8142080	4,2 x 80	12,057	PH2	250	1.500
T8142090	4,2 x 90	16,388	PH2	250	1.500
T8148009	4,8 x 9,5	3,520	PH2	500	12.000
T8148013	4,8 x 13	3,591	PH2	500	8.000
T8148016	4,8 x 16	4,021	PH2	250	6.000
T8148019	4,8 x 19	4,800	PH2	250	6.000
T8148022	4,8 x 22	5,245	PH2	250	6.000

CODE	SIZE	€/100			
T8148025	4,8 x 25	5,510	PH2	250	6.000
T8148032	4,8 x 32	6,182	PH2	250	4.000
T8148038	4,8 x 38	7,247	PH2	250	3.000
T8148045	4,8 x 45	8,210	PH2	250	3.000
T8148050	4,8 x 50	8,933	PH2	250	3.000
T8148060	4,8 x 60	11,253	PH2	250	1.500
T8148070	4,8 x 70	13,377	PH2	100	1.200
T8148080	4,8 x 80	16,423	PH2	100	1.200
T8148090	4,8 x 90	19,027	PH2	100	1.200
T8148100	4,8 x 100	20,700	PH2	100	1.200
T8148110	4,8 x 110	25,973	PH2	100	1.200
T8148120	4,8 x 120	30,667	PH2	100	1.200
T8155013	5,5 x 13	5,383	PH3	250	6.000
T8155016	5,5 x 16	5,758	PH3	250	6.000
T8155019	5,5 x 19	6,023	PH3	250	6.000
T8155022	5,5 x 22	6,980	PH3	250	4.000
T8155025	5,5 x 25	7,197	PH3	250	4.000
T8155032	5,5 x 32	8,427	PH3	250	3.000
T8155038	5,5 x 38	9,413	PH3	250	3.000
T8155045	5,5 x 45	10,777	PH3	250	3.000
T8155050	5,5 x 50	11,777	PH3	250	1.500
T8155060	5,5 x 60	14,630	PH3	100	1.200
T8155070	5,5 x 70	16,243	PH3	100	1.200
T8155080	5,5 x 80	20,250	PH3	100	1.200
T8155090	5,5 x 90	23,277	PH3	100	1.200
T8155100	5,5 x 100	27,200	PH3	100	1.200
T8155110	5,5 x 110	32,947	PH3	100	1.200
T8155120	5,5 x 120	39,368	PH3	100	1.200
T8163016	6,3 x 16	7,676	PH3	250	4.000
T8163019	6,3 x 19	8,180	PH3	250	3.000
T8163022	6,3 x 22	8,770	PH3	250	3.000
T8163025	6,3 x 25	9,350	PH3	250	3.000
T8163032	6,3 x 32	11,703	PH3	250	3.000
T8163038	6,3 x 38	13,233	PH3	250	1.500
T8163045	6,3 x 45	15,487	PH3	250	1.500
T8163050	6,3 x 50	16,913	PH3	250	1.500
T8163060	6,3 x 60	19,537	PH3	100	1.200
T8163070	6,3 x 70	22,223	PH3	100	1.200
T8163080	6,3 x 80	27,490	PH3	100	1.200
T8163090	6,3 x 90	35,213	PH3	50	600
T8163100	6,3 x 100	40,727	PH3	50	600
T8163110	6,3 x 110	44,670	PH3	50	600
T8163120	6,3 x 120	47,923	PH3	50	600



Blister



Window Box

CODE	SIZE	€/BAG	PCS. 	BAGS
BZT8135009	3,5 x 9,5	2,029	40	20
BZT8135013	3,5 x 13	2,029	20	20
BZT8135016	3,5 x 16	2,029	20	20
BZT8135019	3,5 x 19	2,029	20	20
BZT8139013	3,9 x 13	2,029	20	20
BZT8139016	3,9 x 16	2,029	20	20
BZT8139019	3,9 x 19	2,029	20	20
BZT8139025	3,9 x 25	2,029	10	20
BZT8139032	3,9 x 32	2,029	10	20
BZT8142009	4,2 x 9,5	2,029	20	20
BZT8142013	4,2 x 13	2,029	20	20
BZT8142016	4,2 x 16	2,029	20	20
BZT8142019	4,2 x 19	2,029	10	20
BZT8142025	4,2 x 25	2,029	10	20
BZT8142032	4,2 x 32	2,029	10	20
BZT8142038	4,2 x 38	2,029	10	20
BZT8148016	4,8 x 16	2,029	10	20
BZT8148019	4,8 x 19	2,029	10	20
BZT8148025	4,8 x 25	2,029	10	20
BZT8148032	4,8 x 32	2,029	10	20
BZT8148038	4,8 x 38	2,029	10	20
BZT8148050	4,8 x 50	2,029	10	20
BZT8148060	4,8 x 60	2,029	10	20
BZT8155025	5,5 x 25	2,029	10	20
BZT8155032	5,5 x 32	2,029	10	20
BZT8155038	5,5 x 38	2,029	10	20
BZT8155050	5,5 x 50	2,029	10	20

CODE	SIZE	€/BOX	PCS. 	BOXES
VT8135009	3,5 x 9,5	5,842	250	8
VT8135013	3,5 x 13	5,738	200	8
VT8135016	3,5 x 16	6,324	200	8
VT8135019	3,5 x 19	6,884	200	8
VT8135025	3,5 x 25	9,144	200	8
VT8139009	3,9 x 9,5	6,062	200	8
VT8139013	3,9 x 13	6,777	200	8
VT8139016	3,9 x 16	7,458	200	8
VT8139019	3,9 x 19	6,549	150	8
VT8139022	3,9 x 22	5,200	100	8
VT8139025	3,9 x 25	5,445	100	8
VT8142009	4,2 x 9,5	7,301	200	8
VT8142013	4,2 x 13	7,426	200	8
VT8142016	4,2 x 16	8,853	200	8
VT8142019	4,2 x 19	7,031	150	8
VT8142022	4,2 x 22	5,817	100	8
VT8142025	4,2 x 25	5,624	100	8
VT8142032	4,2 x 32	6,635	100	8
VT8142038	4,2 x 38	5,861	75	8
VT8142050	4,2 x 50	5,144	50	8
VT8148009	4,8 x 9,5	7,152	150	8
VT8148013	4,8 x 13	7,449	150	8
VT8148016	4,8 x 16	5,597	100	8
VT8148019	4,8 x 19	6,362	100	8
VT8148025	4,8 x 25	7,559	100	8
VT8148032	4,8 x 32	8,297	100	8
VT8148038	4,8 x 38	10,487	100	8
VT8148045	4,8 x 45	8,441	70	8
VT8148050	4,8 x 50	6,463	50	8
VT8148060	4,8 x 60	8,138	50	8
VT8148070	4,8 x 70	7,746	40	8
VT8148080	4,8 x 80	6,192	25	8
VT8155019	5,5 x 19	8,594	100	8
VT8155025	5,5 x 25	9,222	90	8
VT8155032	5,5 x 32	11,836	100	8
VT8155038	5,5 x 38	10,133	75	8

TP-PO B

Yellow zinc-plated.
PZ recess



CODE	SIZE	€/100		THREAD LENGTH (mm)	MIN. ORDER QTY.		
•TPPO25010	2,5 x 10	1,200		Total	2.000	1.000	45.000
•TPPO25012	2,5 x 12	1,207	PZ1	Total	2.000	1.000	45.000
•TPPO25016	2,5 x 16	1,350	PZ1	Total	2.000	1.000	45.000
TPPO25020	2,5 x 20	1,527	PZ1	Total	2.000	1.000	24.000
TPPO25025	2,5 x 25	1,643	PZ1	Total	2.000	1.000	24.000
•TPPO30012	3 x 12	1,073	PZ1	Total	2.000	1.000	45.000
•TPPO30016	3 x 16	1,240	PZ1	Total	2.000	1.000	24.000
•TPPO30020	3 x 20	1,393	PZ1	Total	2.000	1.000	24.000
TPPO30025	3 x 25	1,623	PZ1	Total	2.000	1.000	12.000
TPPO30030	3 x 30	1,747	PZ1	Total	2.000	1.000	12.000
TPPO30040	3 x 40	2,300	PZ1	Total	2.000	1.000	6.000
•TPPO35016	3,5 x 16	1,367	PZ2	Total	2.000	1.000	24.000
•TPPO35020	3,5 x 20	1,623	PZ2	Total	2.000	1.000	12.000
TPPO35025	3,5 x 25	1,870	PZ2	Total	2.000	1.000	12.000
TPPO35030	3,5 x 30	2,053	PZ2	Total	2.000	1.000	12.000
TPPO35035	3,5 x 35	2,570	PZ2	Total	1.000	500	6.000
TPPO35040	3,5 x 40	2,793	PZ2	Total	1.000	500	6.000
TPPO35050	3,5 x 50	3,653	PZ2	Total	500	250	3.000
•TPPO40016	4 x 16	1,757	PZ2	Total	2.000	1.000	16.000
•TPPO40020	4 x 20	2,093	PZ2	Total	2.000	1.000	12.000
•TPPO40025	4 x 25	2,333	PZ2	Total	2.000	1.000	12.000
TPPO40030	4 x 30	2,777	PZ2	Total	1.000	500	6.000
TPPO40035	4 x 35	3,067	PZ2	Total	1.000	500	6.000
TPPO40040	4 x 40	3,307	PZ2	Total	1.000	500	6.000
TPPO40045	4 x 45	4,167	PZ2	Total	1.000	500	3.000
TPPO40050	4 x 50	4,557	PZ2	Total	500	250	3.000
TPPO40060	4 x 60	5,277	PZ2	Total	500	250	3.000
TPPO40070	4 x 70	6,500	PZ2	Partial-52	500	250	3.000
•TPPO45020	4,5 x 20	2,643	PZ2	Total	1.000	500	12.000
•TPPO45025	4,5 x 25	3,140	PZ2	Total	1.000	500	6.000
•TPPO45030	4,5 x 30	3,560	PZ2	Total	1.000	500	6.000
TPPO45035	4,5 x 35	3,873	PZ2	Total	1.000	500	6.000
TPPO45040	4,5 x 40	4,273	PZ2	Total	1.000	500	3.000
TPPO45045	4,5 x 45	5,277	PZ2	Total	500	250	3.000
TPPO45050	4,5 x 50	5,620	PZ2	Total	500	250	3.000
TPPO45060	4,5 x 60	6,620	PZ2	Total	500	250	3.000
TPPO45070	4,5 x 70	8,097	PZ2	Partial-52	500	250	1.500
TPPO45080	4,5 x 80	10,103	PZ2	Partial-52	200	100	1.200
•TPPO50020	5 x 20	3,260	PZ2	Total	1.000	500	6.000
•TPPO50025	5 x 25	3,880	PZ2	Total	1.000	500	6.000
•TPPO50030	5 x 30	4,390	PZ2	Total	500	250	6.000
TPPO50035	5 x 35	4,953	PZ2	Total	500	250	3.000
TPPO50040	5 x 40	5,437	PZ2	Total	500	250	3.000
TPPO50045	5 x 45	6,280	PZ2	Total	500	250	3.000
TPPO50050	5 x 50	6,633	PZ2	Total	500	250	3.000
TPPO50060	5 x 60	8,063	PZ2	Total	500	250	1.500
TPPO50070	5 x 70	9,983	PZ2	Partial-52	200	100	1.200
TPPO50080	5 x 80	11,387	PZ2	Partial-52	200	100	1.200
TPPO50090	5 x 90	13,527	PZ2	Partial-60	200	100	1.200
TPPO50100	5 x 100	14,603	PZ2	Partial-60	200	100	1.200
TPPO50120	5 x 120	22,030	PZ2	Partial-75	200	100	1.200
•TPPO60040	6 x 40	8,227	PZ3	Total	500	250	3.000
TPPO60050	6 x 50	9,480	PZ3	Total	500	250	1.500
TPPO60060	6 x 60	11,037	PZ3	Total	500	250	1.500
TPPO60070	6 x 70	14,303	PZ3	Partial-52	200	100	1.200
TPPO60080	6 x 80	16,233	PZ3	Partial-52	200	100	1.200
TPPO60090	6 x 90	18,483	PZ3	Partial-60	200	100	1.200
TPPO60100	6 x 100	21,020	PZ3	Partial-60	100	100	1.200
TPPO60110	6 x 110	24,863	PZ3	Partial-70	100	100	600
TPPO60120	6 x 120	26,437	PZ3	Partial-70/75	100	100	600
TPPO60130	6 x 130	31,007	PZ3	Partial-70/75	100	100	600
TPPO60140	6 x 140	34,893	PZ3	Partial-70/75	100	100	600
TPPO60150	6 x 150	37,737	PZ3	Partial-70/75	100	100	600
TPPO60160	6 x 160	42,040	PZ3	Partial-70/75	100	100	400
TPPO60180	6 x 180	61,490	PZ3	Partial-70/75	100	100	300
TPPO60200	6 x 200	80,057	PZ3	Partial-70/75	100	100	300
TPPO60220	6 x 220	115,643	PZ3	Partial-70/75	100	100	300

• Sizes without CE



More range next page



 Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZTPP025016	2,5 x 16	2,029	40	20
BZTPP025020	2,5 x 20	2,029	40	20
BZTPP025025	2,5 x 25	2,029	40	20
BZTPP030016	3 x 16	2,029	40	20
BZTPP030020	3 x 20	2,029	40	20
BZTPP030025	3 x 25	2,029	40	20
BZTPP030030	3 x 30	2,029	40	20
BZTPP035016	3,5 x 16	2,029	40	20
BZTPP035020	3,5 x 20	2,029	40	20
BZTPP035025	3,5 x 25	2,029	40	20
BZTPP035030	3,5 x 30	2,029	40	20
BZTPP035035	3,5 x 35	2,029	20	20
BZTPP035040	3,5 x 40	2,029	20	20
BZTPP035050	3,5 x 50	2,029	20	20
BZTPP040016	4 x 16	2,029	40	20
BZTPP040020	4 x 20	2,029	40	20
BZTPP040025	4 x 25	2,029	40	20
BZTPP040030	4 x 30	2,029	20	20
BZTPP040035	4 x 35	2,029	20	20
BZTPP040040	4 x 40	2,029	20	20
BZTPP040045	4 x 45	2,029	20	20
BZTPP040050	4 x 50	2,029	10	20
BZTPP040060	4 x 60	2,029	10	20
BZTPP045030	4,5 x 30	2,029	20	20
BZTPP045035	4,5 x 35	2,029	20	20
BZTPP045040	4,5 x 40	2,029	20	20
BZTPP045045	4,5 x 45	2,029	10	20
BZTPP045050	4,5 x 50	2,029	10	20
BZTPP045060	4,5 x 60	2,029	10	20
BZTPP045070	4,5 x 70	2,029	10	20
BZTPP050030	5 x 30	2,029	10	20
BZTPP050035	5 x 35	2,029	10	20
BZTPP050040	5 x 40	2,029	10	20
BZTPP050050	5 x 50	2,029	10	20
BZTPP050060	5 x 60	2,029	10	20
BZTPP050070	5 x 70	2,029	4	20
BZTPP050080	5 x 80	2,029	4	20
BZTPP050100	5 x 100	2,029	4	20
BZTPP060040	6 x 40	2,029	10	20
BZTPP060050	6 x 50	2,029	10	20
BZTPP060060	6 x 60	2,029	10	20
BZTPP060070	6 x 70	2,029	4	20
BZTPP060080	6 x 80	2,029	4	20
BZTPP060090	6 x 90	2,029	4	20
BZTPP060100	6 x 100	2,029	4	20

 Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VTTPP030016	3 x 16	4,210	250	8
VTTPP030020	3 x 20	4,700	250	8
VTTPP030025	3 x 25	5,379	250	8
VTTPP030030	3 x 30	5,654	250	8
VTTPP030040	3 x 40	7,181	250	8
VTTPP035016	3,5 x 16	4,527	250	8
VTTPP035020	3,5 x 20	5,257	250	8
VTTPP035025	3,5 x 25	5,992	250	8
VTTPP035030	3,5 x 30	6,424	250	8
VTTPP035035	3,5 x 35	5,249	150	8
VTTPP035040	3,5 x 40	5,557	150	8
VTTPP035050	3,5 x 50	5,021	100	8
VTTPP040016	4 x 16	5,870	250	8
VTTPP040020	4 x 20	6,854	250	8
VTTPP040025	4 x 25	7,572	250	8
VTTPP040030	4 x 30	6,078	175	8
VTTPP040035	4 x 35	5,877	150	8
VTTPP040040	4 x 40	6,449	150	8
VTTPP040045	4 x 45	7,875	150	8
VTTPP040050	4 x 50	5,926	100	8
VTTPP040060	4 x 60	6,913	100	8
VTTPP045030	4,5 x 30	6,802	150	8
VTTPP045035	4,5 x 35	7,453	150	8
VTTPP045040	4,5 x 40	8,016	150	8
VTTPP045045	4,5 x 45	6,058	90	8
VTTPP045050	4,5 x 50	7,369	100	8
VTTPP045060	4,5 x 60	6,761	80	8
VTTPP045070	4,5 x 70	6,241	60	8
VTTPP050030	5 x 30	5,697	100	8
VTTPP050035	5 x 35	6,201	100	8
VTTPP050040	5 x 40	6,802	100	8
VTTPP050050	5 x 50	8,303	100	8
VTTPP050060	5 x 60	8,234	80	8
VTTPP050070	5 x 70	4,581	35	8
VTTPP050080	5 x 80	4,477	30	8
VTTPP050090	5 x 90	5,207	30	8
VTTPP060040	6 x 40	10,290	100	8
VTTPP060050	6 x 50	9,488	80	8
VTTPP060060	6 x 60	8,451	60	8
VTTPP060070	6 x 70	5,425	30	8
VTTPP060080	6 x 80	5,903	30	8

TP-PO B

Yellow zinc-plated. PZ recess



More range previous page

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	1,200		Total	2.000	1.000	45.000
•TPPOZ25012	2,5 x 12	1,207	PZ1	Total	2.000	1.000	45.000
•TPPOZ25016	2,5 x 16	1,350	PZ1	Total	2.000	1.000	45.000
TPPOZ25020	2,5 x 20	1,527	PZ1	Total	2.000	1.000	24.000
TPPOZ25025	2,5 x 25	1,643	PZ1	Total	2.000	1.000	24.000
•TPPOZ30012	3 x 12	1,073	PZ1	Total	2.000	1.000	45.000
•TPPOZ30016	3 x 16	1,240	PZ1	Total	2.000	1.000	24.000
•TPPOZ30020	3 x 20	1,393	PZ1	Total	2.000	1.000	24.000
TPPOZ30025	3 x 25	1,623	PZ1	Total	2.000	1.000	12.000
TPPOZ30030	3 x 30	1,747	PZ1	Total	2.000	1.000	12.000
TPPOZ30040	3 x 40	2,300	PZ1	Total	2.000	1.000	6.000
•TPPOZ35016	3,5 x 16	1,367	PZ2	Total	2.000	1.000	24.000
•TPPOZ35020	3,5 x 20	1,623	PZ2	Total	2.000	1.000	12.000
TPPOZ35025	3,5 x 25	1,870	PZ2	Total	2.000	1.000	12.000
TPPOZ35030	3,5 x 30	2,053	PZ2	Total	2.000	1.000	12.000
TPPOZ35035	3,5 x 35	2,570	PZ2	Total	1.000	500	6.000
TPPOZ35040	3,5 x 40	2,793	PZ2	Total	1.000	500	6.000
TPPOZ35050	3,5 x 50	3,653	PZ2	Total	500	250	3.000
•TPPOZ40016	4 x 16	1,757	PZ2	Total	2.000	1.000	16.000
•TPPOZ40020	4 x 20	2,093	PZ2	Total	2.000	1.000	12.000
•TPPOZ40025	4 x 25	2,333	PZ2	Total	2.000	1.000	12.000
TPPOZ40030	4 x 30	2,777	PZ2	Total	1.000	500	6.000
TPPOZ40035	4 x 35	3,067	PZ2	Total	1.000	500	6.000
TPPOZ40040	4 x 40	3,307	PZ2	Total	1.000	500	6.000
TPPOZ40045	4 x 45	4,167	PZ2	Total	1.000	500	3.000
TPPOZ40050	4 x 50	4,557	PZ2	Total	500	250	3.000
TPPOZ40060	4 x 60	5,277	PZ2	Total	500	250	3.000
TPPOZ40070	4 x 70	6,500	PZ2	Partial-52	500	250	1.500
•TPPOZ45020	4,5 x 20	2,643	PZ2	Total	1.000	500	12.000
•TPPOZ45025	4,5 x 25	3,140	PZ2	Total	1.000	500	6.000
•TPPOZ45030	4,5 x 30	3,560	PZ2	Total	1.000	500	6.000
TPPOZ45035	4,5 x 35	3,873	PZ2	Total	1.000	500	6.000
TPPOZ45040	4,5 x 40	4,273	PZ2	Total	1.000	500	3.000
TPPOZ45045	4,5 x 45	5,277	PZ2	Total	500	250	3.000
TPPOZ45050	4,5 x 50	5,620	PZ2	Total	500	250	3.000
TPPOZ45060	4,5 x 60	6,620	PZ2	Total	500	250	3.000
TPPOZ45070	4,5 x 70	8,097	PZ2	Partial-52	500	250	1.500
TPPOZ45080	4,5 x 80	10,103	PZ2	Partial-52	200	100	1.200
•TPPOZ50020	5 x 20	3,260	PZ2	Total	1.000	500	6.000
•TPPOZ50025	5 x 25	3,880	PZ2	Total	1.000	500	6.000
•TPPOZ50030	5 x 30	4,390	PZ2	Total	500	250	6.000
TPPOZ50035	5 x 35	4,953	PZ2	Total	500	250	3.000
TPPOZ50040	5 x 40	5,437	PZ2	Total	500	250	3.000
TPPOZ50045	5 x 45	6,280	PZ2	Total	500	250	3.000
TPPOZ50050	5 x 50	6,633	PZ2	Total	500	250	3.000
TPPOZ50060	5 x 60	8,063	PZ2	Total	500	250	1.500
TPPOZ50070	5 x 70	9,983	PZ2	Partial-52	200	100	1.200
TPPOZ50080	5 x 80	11,387	PZ2	Partial-52	200	100	1.200
TPPOZ50090	5 x 90	13,527	PZ2	Partial-60	200	100	1.200
TPPOZ50100	5 x 100	14,603	PZ2	Partial-60	200	100	1.200
TPPOZ50120	5 x 120	22,030	PZ2	Partial-75	200	100	1.200
•TPPOZ60040	6 x 40	8,227	PZ3	Total	500	250	3.000
TPPOZ60050	6 x 50	9,480	PZ3	Total	500	250	1.500
TPPOZ60060	6 x 60	11,037	PZ3	Total	500	250	1.500
TPPOZ60070	6 x 70	14,303	PZ3	Partial-52	200	100	1.200
TPPOZ60080	6 x 80	16,233	PZ3	Partial-52	200	100	1.200
TPPOZ60090	6 x 90	18,483	PZ3	Partial-60	200	100	1.200
TPPOZ60100	6 x 100	21,020	PZ3	Partial-60	100	100	1.200
TPPOZ60110	6 x 110	24,863	PZ3	Partial-70	100	100	600

• Sizes without CE



More range next page



 Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VTPOZ30025	3 x 25	5,379	250	8
VTPOZ30030	3 x 30	5,654	250	8
VTPOZ35016	3,5 x 16	4,527	250	8
VTPOZ35020	3,5 x 20	5,257	250	8
VTPOZ35025	3,5 x 25	5,992	250	8
VTPOZ35030	3,5 x 30	6,424	250	8
VTPOZ35035	3,5 x 35	5,249	150	8
VTPOZ35040	3,5 x 40	5,557	150	8
VTPOZ35050	3,5 x 50	5,021	100	8
VTPOZ40016	4 x 16	5,870	250	8
VTPOZ40020	4 x 20	6,854	250	8
VTPOZ40025	4 x 25	7,572	250	8
VTPOZ40030	4 x 30	6,078	175	8
VTPOZ40035	4 x 35	5,877	150	8
VTPOZ40040	4 x 40	6,449	150	8
VTPOZ40045	4 x 45	7,875	150	8
VTPOZ40050	4 x 50	5,926	100	8
VTPOZ40060	4 x 60	6,913	100	8
VTPOZ45030	4,5 x 30	6,802	150	8
VTPOZ45035	4,5 x 35	7,453	150	8
VTPOZ45040	4,5 x 40	8,231	150	8
VTPOZ45045	4,5 x 45	6,058	90	8
VTPOZ45050	4,5 x 50	7,369	100	8
VTPOZ45060	4,5 x 60	6,761	80	8
VTPOZ45070	4,5 x 70	6,241	60	8
VTPOZ50030	5 x 30	5,697	100	8
VTPOZ50035	5 x 35	6,201	100	8
VTPOZ50040	5 x 40	6,802	100	8
VTPOZ50050	5 x 50	8,303	100	8
VTPOZ50060	5 x 60	8,234	80	8
VTPOZ50070	5 x 70	4,581	35	8
VTPOZ50080	5 x 80	4,477	30	8
VTPOZ50090	5 x 90	5,207	30	8
VTPOZ60060	6 x 60	8,451	60	8
VTPOZ60070	6 x 70	5,425	30	8
VTPOZ60080	6 x 80	5,903	30	8

TP-PO Z

Zinc-plated. PZ recess



More range previous page

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	6,720	8	200	4.800
•TB05040	5 x 40	8,530	8	200	2.400
TB05050	5 x 50	10,030	8	200	2.400
TB05060	5 x 60	11,327	8	200	2.400
•TB06025	6 x 25	7,600	10	200	2.400
•TB06030	6 x 30	8,433	10	200	2.400
•TB06035	6 x 35	9,670	10	200	2.400
•TB06040	6 x 40	10,397	10	200	2.400
•TB06045	6 x 45	11,380	10	200	2.400
•TB06050	6 x 50	12,437	10	200	2.400
TB06060	6 x 60	14,663	10	200	1.200
TB06070	6 x 70	16,873	10	200	1.200
TB06080	6 x 80	18,483	10	200	1.200
TB06090	6 x 90	21,770	10	100	1.200
TB06100	6 x 100	22,817	10	100	1.200
TB06110	6 x 110	30,067	10	100	1.200
TB06120	6 x 120	30,153	10	100	800
TB07030	7 x 30	13,697	12	200	2.400
TB07040	7 x 40	16,697	12	200	1.600
TB07050	7 x 50	19,387	12	200	1.200
TB07060	7 x 60	22,610	12	100	1.200
TB07070	7 x 70	25,087	12	100	1.200
TB07080	7 x 80	27,650	12	100	800
TB07090	7 x 90	28,117	12	100	400
TB07100	7 x 100	31,787	12	100	600
TB07120	7 x 120	38,867	12	100	600
•TB08030	8 x 30	16,210	13	200	1.200
•TB08040	8 x 40	19,197	13	200	1.200
•TB08045	8 x 45	20,143	13	200	1.200
•TB08050	8 x 50	22,090	13	200	1.200
•TB08060	8 x 60	25,217	13	200	1.200
•TB08070	8 x 70	28,673	13	200	800
TB08080	8 x 80	32,000	13	200	800
TB08090	8 x 90	37,473	13	100	600
TB08100	8 x 100	40,527	13	100	600
TB08110	8 x 110	41,737	13	100	600
TB08120	8 x 120	45,663	13	100	600

CODE	SIZE	€/100			
TB08130	8 x 130	50,390	13	100	400
TB08140	8 x 140	53,473	13	100	400
TB08150	8 x 150	56,310	13	100	400
TB08160	8 x 160	59,410	13	100	400
TB08180	8 x 180	77,313	13	100	300
TB08200	8 x 200	81,197	13	100	300
•TB10040	10 x 40	37,520	17	100	600
•TB10050	10 x 50	39,037	17	100	600
•TB10060	10 x 60	42,573	17	100	600
•TB10070	10 x 70	50,187	17	100	600
•TB10080	10 x 80	54,060	17	100	400
•TB10090	10 x 90	62,637	17	100	400
TB10100	10 x 100	64,997	17	100	400
TB10110	10 x 110	71,117	17	50	300
TB10120	10 x 120	78,393	17	50	300
TB10130	10 x 130	82,587	17	50	300
TB10140	10 x 140	98,573	17	50	200
TB10150	10 x 150	105,483	17	50	200
TB10160	10 x 160	112,597	17	50	200
TB10180	10 x 180	123,410	17	50	150
TB10200	10 x 200	135,750	17	50	150
•TB12060	12 x 60	69,660	19	50	300
•TB12070	12 x 70	73,457	19	50	300
•TB12080	12 x 80	83,560	19	50	300
•TB12090	12 x 90	89,047	19	50	300
•TB12100	12 x 100	98,993	19	50	300
TB12120	12 x 120	120,343	19	50	200
TB12130	12 x 130	129,273	19	50	100
TB12140	12 x 140	139,093	19	50	100
TB12150	12 x 150	144,037	19	50	200
TB12160	12 x 160	153,910	19	50	200
TB12180	12 x 180	184,467	19	50	150
TB12200	12 x 200	210,097	19	50	150
TB12220	12 x 220	229,183	19	50	100
TB12240	12 x 240	245,810	19	50	100
TB12260	12 x 260	269,473	19	50	100
•TB14100	14 x 100	176,977	22	50	200

• Sizes without CE



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZTB05030	5 x 30	2,029	4	20
BZTB05040	5 x 40	2,029	4	20
BZTB05050	5 x 50	2,029	4	20
BZTB06030	6 x 30	2,029	4	20
BZTB06040	6 x 40	2,029	4	20
BZTB06050	6 x 50	2,029	4	20
BZTB06060	6 x 60	2,029	4	20
BZTB06070	6 x 70	2,029	4	20
BZTB06080	6 x 80	2,029	4	20
BZTB07050	7 x 50	2,029	4	20
BZTB07060	7 x 60	2,029	4	20
BZTB07070	7 x 70	2,029	4	20
BZTB08040	8 x 40	2,029	4	20
BZTB08050	8 x 50	2,029	4	20
BZTB08060	8 x 60	2,029	4	20
BZTB08070	8 x 70	2,029	4	20
BZTB08080	8 x 80	2,029	4	15
BZTB08090	8 x 90	2,029	2	15
BZTB08100	8 x 100	2,029	2	15
BZTB10050	10 x 50	2,029	2	15
BZTB10060	10 x 60	2,029	2	15
BZTB10080	10 x 80	2,029	2	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VTB05040	5 x 40	5,198	50	8
VTB05050	5 x 50	6,108	50	8
VTB06040	6 x 40	6,469	50	8
VTB06050	6 x 50	6,068	40	8
VTB06060	6 x 60	5,315	30	8
VTB07050	7 x 50	5,820	25	8
VTB07060	7 x 60	5,541	20	8
VTB07070	7 x 70	5,991	20	8
VTB07080	7 x 80	6,320	20	8
VTB08050	8 x 50	5,441	20	8
VTB08060	8 x 60	6,217	20	8
VTB08070	8 x 70	7,064	20	8
VTB08080	8 x 80	5,910	15	8
VTB08090	8 x 90	4,503	10	8
VTB08100	8 x 100	4,846	10	8
VTB10070	10 x 70	6,086	10	8
VTB10080	10 x 80	6,455	10	8
VTB10090	10 x 90	7,483	10	8
VTB10100	10 x 100	7,880	10	8

Coach wood screw with hexagonal head

DIN-571

STAINLESS STEEL



CODE	SIZE	€/100			
•TBA206040	6 x 40	36,067	10	100	2.400
•TBA206050	6 x 50	42,910	10	100	1.200
TBA206060	6 x 60	48,797	10	100	1.200
TBA206070	6 x 70	55,167	10	100	1.200
•TBA208050	8 x 50	80,037	13	100	1.200
•TBA208060	8 x 60	88,080	13	100	1.200
•TBA208070	8 x 70	99,517	13	100	600
TBA208080	8 x 80	111,423	13	100	600
•TBA210080	10 x 80	188,553	17	100	400

• Sizes without CE

DIN-571 A2

A2 Stainless steel



WOOD



CODE	SIZE	€/100			
TBR06050	6 x 50	12,840	10	200	1.200
TBR06060	6 x 60	15,127	10	200	1.200
TBR06070	6 x 70	17,403	10	200	1.200
TBR08050	8 x 50	22,780	13	200	1.200
TBR08060	8 x 60	26,010	13	200	800
TBR08070	8 x 70	29,570	13	200	800
TBR08080	8 x 80	33,000	13	200	800
TBR10060	10 x 60	43,903	17	100	600
TBR10080	10 x 80	55,753	17	100	400

571 TR

Full thread

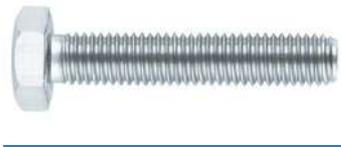


DIN-933

Hexagonal head bolt 8.8. Full thread

DIN-933

Zinc-plated



METAL



CODE	SIZE	€/100				CODE	SIZE	€/100			
D93304008	M4 x 8	4,780	7	500	22.500	D93310100	M10 x 100	130,343	17	50	300
D93304010	M4 x 10	4,983	7	500	22.500	D93312020	M12 x 20	53,550	19	100	1.200
D93304012	M4 x 12	5,093	7	500	12.000	D93312025	M12 x 25	55,170	19	100	600
D93304016	M4 x 16	5,433	7	500	12.000	D93312030	M12 x 30	60,780	19	100	600
D93304020	M4 x 20	6,487	7	500	12.000	D93312035	M12 x 35	68,257	19	100	600
D93304025	M4 x 25	7,267	7	500	6.000	D93312040	M12 x 40	72,403	19	100	600
D93304030	M4 x 30	8,307	7	500	6.000	D93312045	M12 x 45	83,270	19	100	600
D93304035	M4 x 35	8,727	7	250	6.000	D93312050	M12 x 50	85,917	19	100	400
D93304040	M4 x 40	10,790	7	250	3.000	D93312060	M12 x 60	93,027	19	100	400
D93304045	M4 x 45	12,523	7	250	3.000	D93312070	M12 x 70	112,413	19	100	400
D93304050	M4 x 50	14,247	7	250	3.000	D93312080	M12 x 80	138,150	19	50	300
D93304060	M4 x 60	18,643	7	250	3.000	D93312090	M12 x 90	170,510	19	50	300
D93305010	M5 x 10	6,110	8	500	12.000	D93312100	M12 x 100	192,693	19	25	300
D93305012	M5 x 12	6,453	8	500	12.000	D93312110	M12 x 110	230,773	19	25	300
D93305016	M5 x 16	6,800	8	500	6.000	D93312120	M12 x 120	249,613	19	25	300
D93305020	M5 x 20	7,583	8	500	6.000	D93314030	M14 x 30	112,053	22	50	400
D93305025	M5 x 25	8,007	8	500	6.000	D93314035	M14 x 35	119,780	22	50	300
D93305030	M5 x 30	9,633	8	500	6.000	D93314040	M14 x 40	128,187	22	50	300
D93305035	M5 x 35	10,403	8	250	3.000	D93314045	M14 x 45	141,867	22	50	300
D93305040	M5 x 40	11,220	8	250	3.000	D93314050	M14 x 50	153,727	22	50	300
D93305045	M5 x 45	11,897	8	250	3.000	D93314060	M14 x 60	173,223	22	50	300
D93305050	M5 x 50	12,870	8	250	3.000	D93314070	M14 x 70	195,563	22	50	300
D93305060	M5 x 60	14,497	8	250	1.500	D93314080	M14 x 80	212,893	22	25	150
D93305070	M5 x 70	15,980	8	250	3.000	D93314090	M14 x 90	208,013	22	25	150
D93306010	M6 x 10	7,470	10	250	6.000	D93314100	M14 x 100	233,913	22	25	150
D93306012	M6 x 12	8,207	10	250	6.000	D93314110	M14 x 110	271,537	22	25	150
D93306016	M6 x 16	8,807	10	250	6.000	D93314120	M14 x 120	309,567	22	25	150
D93306020	M6 x 20	10,117	10	250	3.000	D93316030	M16 x 30	133,800	24	50	300
D93306025	M6 x 25	11,117	10	250	3.000	D93316035	M16 x 35	140,997	24	50	300
D93306030	M6 x 30	12,807	10	250	3.000	D93316040	M16 x 40	145,367	24	50	300
D93306035	M6 x 35	14,447	10	250	3.000	D93316045	M16 x 45	188,457	24	50	300
D93306040	M6 x 40	16,097	10	250	3.000	D93316050	M16 x 50	189,023	24	50	300
D93306045	M6 x 45	17,737	10	250	1.500	D93316060	M16 x 60	191,300	24	50	200
D93306050	M6 x 50	19,350	10	250	1.500	D93316070	M16 x 70	249,007	24	25	150
D93306060	M6 x 60	22,633	10	100	1.200	D93316080	M16 x 80	271,943	24	25	150
D93306065	M6 x 65	23,917	10	100	600	D93316090	M16 x 90	289,260	24	25	150
D93306070	M6 x 70	26,800	10	100	1.200	D93316100	M16 x 100	295,920	24	25	150
D93308016	M8 x 16	18,013	13	200	2.400	D93316110	M16 x 110	414,077	24	25	150
D93308020	M8 x 20	19,870	13	200	1.600	D93316120	M16 x 120	435,737	24	25	150
D93308025	M8 x 25	23,017	13	200	1.600	D93318030	M18 x 30	243,617	27	25	150
D93308030	M8 x 30	26,577	13	200	1.200	D93318035	M18 x 35	251,107	27	25	300
D93308035	M8 x 35	27,657	13	200	1.200	D93318040	M18 x 40	265,030	27	25	300
D93308040	M8 x 40	26,060	13	200	1.200	D93318045	M18 x 45	275,577	27	25	300
D93308045	M8 x 45	30,250	13	200	1.200	D93318050	M18 x 50	286,647	27	25	150
D93308050	M8 x 50	33,027	13	200	800	D93318060	M18 x 60	316,727	27	25	150
D93308060	M8 x 60	39,650	13	200	800	D93318070	M18 x 70	382,517	27	25	150
D93308070	M8 x 70	50,103	13	200	800	D93318080	M18 x 80	411,643	27	25	150
D93308080	M8 x 80	64,960	13	100	600	D93318090	M18 x 90	536,647	27	25	150
D93308090	M8 x 90	81,700	13	100	600	D93318100	M18 x 100	602,433	27	25	150
D93308100	M8 x 100	89,823	13	100	400	D93318110	M18 x 110	676,957	27	25	100
D93308110	M8 x 110	175,047	13	100	400	D93318120	M18 x 120	751,433	27	25	100
D93308120	M8 x 120	176,133	13	100	400	D93320030	M20 x 30	247,947	30	25	150
D93310016	M10 x 16	33,857	17	200	1.200	D93320035	M20 x 35	255,650	30	25	150
D93310020	M10 x 20	34,250	17	200	1.200	D93320040	M20 x 40	314,147	30	25	150
D93310025	M10 x 25	39,800	17	200	1.200	D93320045	M20 x 45	285,433	30	25	150
D93310030	M10 x 30	45,093	17	200	800	D93320050	M20 x 50	293,607	30	25	150
D93310035	M10 x 35	48,190	17	200	1.200	D93320060	M20 x 60	361,123	30	25	150
D93310040	M10 x 40	49,647	17	200	800	D93320070	M20 x 70	399,650	30	25	100
D93310045	M10 x 45	56,163	17	200	800	D93320080	M20 x 80	438,543	30	10	120
D93310050	M10 x 50	59,853	17	200	800	D93320090	M20 x 90	536,647	30	10	60
D93310060	M10 x 60	66,667	17	100	600	D93320100	M20 x 100	604,873	30	10	60
D93310070	M10 x 70	75,790	17	100	400	D93320110	M20 x 110	833,860	30	10	60
D93310080	M10 x 80	88,263	17	100	400	D93320120	M20 x 120	870,263	30	10	60
D93310090	M10 x 90	118,493	17	50	300						



BLISTER and WINDOW BOX
Next page



 Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ3Z04008	M4 x 8	2,029	6	20
BZ3Z04010	M4 x 10	2,029	6	20
BZ3Z04012	M4 x 12	2,029	6	20
BZ3Z04016	M4 x 16	2,029	6	20
BZ3Z04020	M4 x 20	2,029	6	20
BZ3Z04025	M4 x 25	2,029	6	20
BZ3Z04030	M4 x 30	2,029	6	20
BZ3Z04035	M4 x 35	2,029	6	20
BZ3Z04040	M4 x 40	2,029	6	20
BZ3Z04045	M4 x 45	2,029	6	20
BZ3Z04050	M4 x 50	2,029	6	20
BZ3Z04060	M4 x 60	2,029	6	20
BZ3Z05010	M5 x 10	2,029	6	20
BZ3Z05012	M5 x 12	2,029	6	20
BZ3Z05015	M5 x 15	2,029	6	20
BZ3Z05016	M5 x 16	2,029	6	20
BZ3Z05020	M5 x 20	2,029	6	20
BZ3Z05025	M5 x 25	2,029	6	20
BZ3Z05030	M5 x 30	2,029	6	20
BZ3Z05035	M5 x 35	2,029	6	20
BZ3Z05040	M5 x 40	2,029	6	20
BZ3Z05045	M5 x 45	2,029	6	20
BZ3Z05050	M5 x 50	2,029	6	20
BZ3Z05060	M5 x 60	2,029	6	20
BZ3Z06016	M6 x 16	2,029	6	20
BZ3Z06020	M6 x 20	2,029	6	20
BZ3Z06025	M6 x 25	2,029	6	20
BZ3Z06030	M6 x 30	2,029	6	20
BZ3Z06040	M6 x 40	2,029	6	20
BZ3Z06050	M6 x 50	2,029	6	20
BZ3Z06060	M6 x 60	2,029	4	20
BZ3Z06070	M6 x 70	2,029	4	20
BZ3Z08016	M8 x 16	2,029	4	20
BZ3Z08020	M8 x 20	2,029	4	20
BZ3Z08025	M8 x 25	2,029	4	20
BZ3Z08030	M8 x 30	2,029	4	20
BZ3Z08040	M8 x 40	2,029	4	20
BZ3Z08050	M8 x 50	2,029	4	20
BZ3Z08060	M8 x 60	2,029	4	20
BZ3Z08070	M8 x 70	2,029	4	20
BZ3Z08080	M8 x 80	2,029	4	20
BZ3Z10030	M10 x 30	2,029	2	20
BZ3Z10040	M10 x 40	2,029	2	20
BZ3Z10050	M10 x 50	2,029	2	20

 Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD93304008	M4 x 8	5,805	100	8
VD93304010	M4 x 10	6,050	100	8
VD93304012	M4 x 12	6,178	100	8
VD93304016	M4 x 16	6,592	100	8
VD93304020	M4 x 20	7,592	100	8
VD93304025	M4 x 25	7,056	80	8
VD93304030	M4 x 30	7,488	80	8
VD93304040	M4 x 40	6,082	50	8
VD93304050	M4 x 50	6,664	40	8
VD93304060	M4 x 60	9,862	40	8
VD93305010	M5 x 10	6,888	100	8
VD93305012	M5 x 12	5,818	80	8
VD93305016	M5 x 16	6,368	80	8
VD93305020	M5 x 20	6,214	70	8
VD93305025	M5 x 25	6,251	60	8
VD93305030	M5 x 30	5,009	40	8
VD93305040	M5 x 40	4,800	30	8
VD93305050	M5 x 50	4,076	15	8
VD93305060	M5 x 60	4,294	15	8
VD93305070	M5 x 70	3,949	10	8
VD93306016	M6 x 16	5,227	50	8
VD93306020	M6 x 20	5,924	50	8
VD93306025	M6 x 25	5,860	45	8
VD93306030	M6 x 30	5,992	40	8
VD93306040	M6 x 40	5,651	30	8
VD93306050	M6 x 50	4,076	15	8
VD93306060	M6 x 60	4,586	15	8
VD93306070	M6 x 70	5,227	15	8
VD93308016	M8 x 16	8,567	40	8
VD93308020	M8 x 20	8,348	35	8
VD93308025	M8 x 25	8,079	30	8
VD93308030	M8 x 30	7,780	25	8
VD93308040	M8 x 40	6,191	20	8
VD93308050	M8 x 50	5,886	15	8
VD93308060	M8 x 60	7,065	15	8
VD93308070	M8 x 70	8,793	15	8
VD93308080	M8 x 80	7,601	10	8
VD93308100	M8 x 100	10,122	10	8
VD93310020	M10 x 20	6,159	15	8
VD93310030	M10 x 30	7,916	15	8
VD93310040	M10 x 40	5,809	10	8
VD93310050	M10 x 50	7,006	10	8
VD93310060	M10 x 60	7,802	10	8
VD93310070	M10 x 70	8,866	10	8
VD93310080	M10 x 80	10,327	10	8
VD93312030	M12 x 30	7,106	10	8
VD93312040	M12 x 40	6,946	8	8
VD93312050	M12 x 50	6,033	6	8
VD93312060	M12 x 60	6,701	6	8
VD93312070	M12 x 70	7,893	6	8
VD93312080	M12 x 80	9,698	6	8



More range previous page

DIN-933

Hexagonal head bolt 8.8. Full thread

STAINLESS STEEL



DIN-933 A2

A2 Stainless steel



CODE	SIZE	€/100			
D933IM04010	M4 x 10	12,083	7	500	12.000
D933IM04016	M4 x 16	14,473	7	500	12.000
D933IM04020	M4 x 20	16,650	7	500	8.000
D933IM04025	M4 x 25	17,960	7	500	8.000
D933IM04030	M4 x 30	20,573	7	500	6.000
D933IM04035	M4 x 35	25,250	7	250	6.000
D933IM04040	M4 x 40	28,077	7	250	6.000
D933IM05010	M5 x 10	12,627	8	500	8.000
D933IM05016	M5 x 16	14,800	8	500	-
D933IM05020	M5 x 20	16,760	8	500	6.000
D933IM05025	M5 x 25	19,263	8	500	4.000
D933IM05030	M5 x 30	22,310	8	500	4.000
D933IM05035	M5 x 35	24,707	8	250	3.000
D933IM05040	M5 x 40	27,753	8	250	3.000
D933IM05050	M5 x 50	33,960	8	250	3.000
D933IM06010	M6 x 10	21,180	10	250	6.000
D933IM06016	M6 x 16	22,437	10	250	4.000
D933IM06020	M6 x 20	25,993	10	250	4.000
D933IM06025	M6 x 25	27,007	10	250	3.000
D933IM06030	M6 x 30	31,380	10	250	3.000
D933IM06035	M6 x 35	35,483	10	250	2.000
D933IM06040	M6 x 40	39,223	10	250	2.000
D933IM06050	M6 x 50	46,547	10	250	1.500
D933IM08016	M8 x 16	41,407	13	200	1.600
D933IM08020	M8 x 20	44,880	13	200	1.600
D933IM08025	M8 x 25	50,663	13	200	1.600
D933IM08030	M8 x 30	56,327	13	200	1.200
D933IM08035	M8 x 35	61,977	13	200	1.200
D933IM08040	M8 x 40	68,413	13	200	1.200
D933IM08050	M8 x 50	82,320	13	200	800
D933IM08060	M8 x 60	93,953	13	200	800
D933IM08070	M8 x 70	112,587	13	200	800
D933IM08080	M8 x 80	128,683	13	100	600
D933IM08090	M8 x 90	142,570	13	100	600
D933IM08100	M8 x 100	159,967	13	100	600
D933IM10020	M10 x 20	84,357	17	200	800
D933IM10025	M10 x 25	88,470	17	200	800
D933IM10030	M10 x 30	96,950	17	200	800
D933IM10035	M10 x 35	105,697	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	111,617	17	200	-
D933IM10050	M10 x 50	132,967	17	200	-
D933IM10060	M10 x 60	152,267	17	100	600
D933IM10070	M10 x 70	171,757	17	100	400
D933IM10080	M10 x 80	202,097	17	100	400
D933IM10090	M10 x 90	227,687	17	50	300
D933IM10100	M10 x 100	256,903	17	50	300
D933IM12020	M12 x 20	138,480	19	100	600
D933IM12030	M12 x 30	144,040	19	100	600
D933IM12040	M12 x 40	162,333	19	100	400
D933IM12050	M12 x 50	187,337	19	100	400
D933IM12060	M12 x 60	213,523	19	100	400
D933IM12070	M12 x 70	239,983	19	100	-
D933IM12080	M12 x 80	299,853	19	50	300
D933IM12090	M12 x 90	328,287	19	50	300
D933IM12100	M12 x 100	356,733	19	25	150
D933IM14030	M14 x 30	271,427	22	50	300
D933IM14040	M14 x 40	297,273	22	50	300
D933IM14050	M14 x 50	338,637	22	50	300
D933IM14060	M14 x 60	385,163	22	50	200
D933IM14070	M14 x 70	429,107	22	50	200
D933IM14080	M14 x 80	460,923	22	25	150
D933IM14100	M14 x 100	632,190	22	25	150
D933IM16030	M16 x 30	299,723	24	50	300
D933IM16040	M16 x 40	311,187	24	50	200
D933IM16050	M16 x 50	354,900	24	50	200
D933IM16060	M16 x 60	403,760	24	50	200
D933IM16070	M16 x 70	450,050	24	25	150
D933IM16080	M16 x 80	498,910	24	25	150
D933IM16090	M16 x 90	588,760	24	25	150
D933IM16100	M16 x 100	637,770	24	25	100
D933IM18030	M18 x 30	599,210	27	25	100
D933IM18040	M18 x 40	633,757	27	25	200
D933IM18050	M18 x 50	692,297	27	25	150
D933IM18060	M18 x 60	773,733	27	25	150
D933IM18070	M18 x 70	860,250	27	25	100
D933IM18080	M18 x 80	941,717	27	25	100
D933IM18090	M18 x 90	1.023,167	27	25	100
D933IM18100	M18 x 100	1.104,613	27	25	100



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ3I04010	M4 x 10	2,565	6	20
BZ3I04016	M4 x 16	2,565	6	20
BZ3I04020	M4 x 20	2,565	6	20
BZ3I04030	M4 x 30	2,565	6	20
BZ3I04040	M4 x 40	2,565	6	20
BZ3I05010	M5 x 10	2,565	6	20
BZ3I05016	M5 x 16	2,565	6	20
BZ3I05020	M5 x 20	2,565	6	20
BZ3I05025	M5 x 25	2,277	6	20
BZ3I05030	M5 x 30	2,565	6	20
BZ3I05040	M5 x 40	2,565	6	20
BZ3I05050	M5 x 50	2,565	6	20
BZ3I06016	M6 x 16	2,565	6	20
BZ3I06020	M6 x 20	2,565	6	20
BZ3I06025	M6 x 25	2,565	6	20
BZ3I06030	M6 x 30	2,565	6	20
BZ3I06040	M6 x 40	2,565	6	20
BZ3I06050	M6 x 50	2,565	6	20
BZ3I08016	M8 x 16	2,565	4	20
BZ3I08020	M8 x 20	2,565	4	20
BZ3I08025	M8 x 25	2,565	4	20
BZ3I08030	M8 x 30	2,565	4	20
BZ3I08040	M8 x 40	2,565	4	20
BZ3I08050	M8 x 50	2,565	4	20
BZ3I08060	M8 x 60	2,565	4	20
BZ3I10020	M10 x 20	2,565	2	20
BZ3I10030	M10 x 30	2,565	2	20
BZ3I10040	M10 x 40	2,565	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD933I04010	M4 x 10	5,951	40	8
VD933I04016	M4 x 16	7,130	40	8
VD933I04020	M4 x 20	7,905	40	8
VD933I04030	M4 x 30	7,601	30	8
VD933I04040	M4 x 40	8,328	25	8
VD933I05010	M5 x 10	6,222	40	8
VD933I05016	M5 x 16	7,294	40	8
VD933I05020	M5 x 20	8,258	40	8
VD933I05030	M5 x 30	5,495	20	8
VD933I05040	M5 x 40	6,838	20	8
VD933I05050	M5 x 50	4,390	10	8
VD933I06010	M6 x 10	7,828	30	8
VD933I06016	M6 x 16	7,983	30	8
VD933I06020	M6 x 20	9,251	30	8
VD933I06025	M6 x 25	8,009	25	8
VD933I06030	M6 x 30	9,307	25	8
VD933I06040	M6 x 40	7,249	15	8
VD933I06050	M6 x 50	5,733	10	8
VD933I08016	M8 x 16	10,201	20	8
VD933I08020	M8 x 20	11,054	20	8
VD933I08025	M8 x 25	12,481	20	8
VD933I08030	M8 x 30	10,408	15	8
VD933I08040	M8 x 40	8,428	10	8
VD933I08050	M8 x 50	10,138	10	8
VD933I08060	M8 x 60	11,573	10	8
VD933I10020	M10 x 20	10,390	10	8
VD933I10030	M10 x 30	11,943	10	8
VD933I10040	M10 x 40	13,749	10	8
VD933I10050	M10 x 50	16,378	10	8
VD933I10060	M10 x 60	18,755	10	8

Hexagonal nut

DIN-934

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D93403	M3	1,597	5,5	500	22.500
D93404	M4	1,650	7	1.000	45.000
D93405	M5	2,143	8	500	12.000
D93406	M6	3,357	10	500	12.000
D93408	M8	6,000	13	250	6.000
D93410	M10	14,320	17	250	3.000
D93412	M12	22,633	19	250	1.500
D93414	M14	30,197	22	100	1.200
D93416	M16	44,917	24	100	600
D93418	M18	64,120	27	100	600
D93420	M20	74,713	30	50	600
D93422	M22	119,833	32	50	300
D93424	M24	168,113	36	25	300
D93427	M27	290,203	41	25	150
D93430	M30	385,367	46	25	150
D93433	M33	549,240	50	10	120
D93436	M36	582,967	55	10	60

DIN-934

Zinc-plated



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



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934ZM03	M3	2,029	40	20
BZ934ZM04	M4	2,029	40	20
BZ934ZM05	M5	2,029	40	20
BZ934ZM06	M6	2,029	20	20
BZ934ZM08	M8	2,029	10	20
BZ934ZM10	M10	2,029	10	15
BZ934ZM12	M12	2,029	6	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD93403	M3	3,535	150	8
VD93404	M4	3,535	150	8
VD93405	M5	3,076	100	8
VD93406	M6	4,403	100	8
VD93408	M8	3,930	50	8
VD93410	M10	5,645	30	8
VD93412	M12	5,946	20	8

STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	4,447	7	500	22.500
D934IM05	M5	5,140	8	500	12.000
D934IM06	M6	8,483	10	500	12.000
D934IM08	M8	17,207	13	250	4.000
D934IM10	M10	38,387	17	250	2.000
D934IM12	M12	56,280	19	250	1.500
D934IM14	M14	80,893	22	100	800
D934IM16	M16	113,520	24	100	600
D934IM18	M18	180,550	27	100	600
D934IM20	M20	237,070	30	50	400
D934IM22	M22	327,683	32	50	300
D934IM24	M24	425,983	36	25	200

DIN-934 A2

A2 Stainless steel



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934IM04	M4	2,565	10	20
BZ934IM05	M5	2,565	8	20
BZ934IM06	M6	2,565	8	20
BZ934IM08	M8	2,565	6	20
BZ934IM10	M10	2,565	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD934IM04	M4	3,274	50	8
VD934IM05	M5	3,786	50	8
VD934IM06	M6	5,621	50	8
VD934IM08	M8	6,841	30	8
VD934IM10	M10	10,175	20	8

DIN-985

Nylon insert nut

METAL



DIN-985

Zinc-plated



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

CODE	SIZE	€/100	INSTALLATION KEY		
DZ98503	M3	2,957	5,5	500	22.500
DZ98504	M4	3,093	7	500	12.000
DZ98505	M5	3,313	8	500	12.000
DZ98506	M6	4,617	10	500	12.000
DZ98508	M8	8,250	13	250	6.000
DZ98510	M10	18,260	17	250	3.000
DZ98512	M12	28,747	19	100	1.200
DZ98514	M14	45,923	22	100	1.200
DZ98516	M16	55,973	24	50	600
DZ98518	M18	92,610	27	50	600
DZ98520	M20	116,433	30	25	300
DZ98522	M22	189,060	32	25	300
DZ98524	M24	229,783	36	25	300
DZ98527	M27	454,933	41	15	180
DZ98530	M30	769,710	46	15	90



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ98503	M3	2,029	20	20
BZ98504	M4	2,029	20	20
BZ98505	M5	2,029	20	20
BZ98506	M6	2,029	10	20
BZ98508	M8	2,029	5	20
BZ98510	M10	2,029	5	15
BZ98512	M12	2,029	3	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VDZ98503	M3	4,428	100	8
VDZ98504	M4	4,428	100	8
VDZ98505	M5	4,623	100	8
VDZ98506	M6	5,332	80	8
VDZ98508	M8	5,291	50	8
VDZ98510	M10	5,905	25	8
VDZ98512	M12	5,914	15	8

DIN-985 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	8,233	7	500	8.000
D985IM05	M5	8,867	8	500	8.000
D985IM06	M6	12,527	10	500	8.000
D985IM08	M8	24,697	13	250	4.000
D985IM10	M10	52,593	17	250	2.000
D985IM12	M12	81,753	19	100	1.200
D985IM14	M14	146,147	22	100	800
D985IM16	M16	177,133	24	50	600
D985IM18	M18	405,373	27	50	400
D985IM20	M20	519,897	30	25	300
D985IM22	M22	1.176,747	32	25	300
D985IM24	M24	1.586,600	36	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ985IM04	M4	2,565	10	20
BZ985IM05	M5	2,565	8	20
BZ985IM06	M6	2,565	8	20
BZ985IM08	M8	2,565	6	20
BZ985IM10	M10	2,565	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD985IM04	M4	5,454	50	8
VD985IM05	M5	5,877	50	8
VD985IM06	M6	8,302	50	8
VD985IM08	M8	9,819	30	8
VD985IM10	M10	13,942	20	8

Hexagonal flange nut with serration

DIN-6923

METAL



DIN-6923

Zinc-plated



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

CODE	SIZE	€/100	INSTALLATION KEY		
D692304	M4	3,153	7	500	15.000
D692305	M5	3,890	8	500	12.000
D692306	M6	5,887	10	500	8.000
D692308	M8	11,463	13	250	3.000
D692310	M10	18,713	15	250	2.000
D692312	M12	29,680	18	250	1.000
D692314	M14	51,900	21	100	600
D692316	M16	65,227	24	100	400

METAL



DIN-6923 A2 NEW

DIN-6923 Hexagonal flange nut with serration. Stainless steel A2



CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	22,833	13	250	3.000
D6923IM10	M10	38,510	15	250	3.000
D6923IM12	M12	65,500	18	250	1.500

Plain washer

DIN-125

METAL



DIN-125

Zinc-plated



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

CODE	SIZE	€/100		
D12503	M3	0,723	1.000	45.000
D12504	M4	0,913	1.000	45.000
D12505	M5	1,087	1.000	45.000
D12506	M6	1,933	500	22.500
D12508	M8	3,110	250	11.250
D12510	M10	5,360	250	6.000
D12512	M12	9,493	250	3.000
D12514	M14	13,057	200	2.400
D12516	M16	17,010	100	2.400
D12518	M18	21,453	100	2.400
D12520	M20	25,187	50	1.200
D12522	M22	42,983	50	1.200
D12524	M24	58,813	50	600
D12527	M27	80,000	50	600
D12530	M30	106,450	50	300
D12533	M33	172,223	50	300
D12536	M36	234,750	25	300



Blister



Window Box

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ125ZM03	M3	2,029	40	20
BZ125ZM04	M4	2,029	40	20
BZ125ZM05	M5	2,029	40	20
BZ125ZM06	M6	2,029	20	20
BZ125ZM08	M8	2,029	10	20
BZ125ZM10	M10	2,029	10	20
BZ125ZM12	M12	2,029	6	20

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD12503	M3	3,788	200	8
VD12504	M4	3,788	200	8
VD12505	M5	3,461	150	8
VD12506	M6	4,103	100	8
VD12508	M8	4,737	75	8
VD12510	M10	8,773	75	8
VD12512	M12	10,337	50	8

DIN-125

Plain washer

DIN-125 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100		
D125IM04	M4	1,323	500	22.500
D125IM05	M5	1,750	500	22.500
D125IM06	M6	3,170	500	22.500
D125IM08	M8	5,437	250	11.250
D125IM10	M10	10,387	250	6.000
D125IM12	M12	18,477	250	3.000
D125IM14	M14	28,960	200	2.400
D125IM16	M16	31,977	100	2.400
D125IM18	M18	47,420	100	1.600
D125IM20	M20	50,357	50	1.200
D125IM22	M22	59,713	50	1.200
D125IM24	M24	104,480	50	600



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ125IM04	M4	2,565	10	20
BZ125IM05	M5	2,565	8	20
BZ125IM06	M6	2,565	8	20
BZ125IM08	M8	2,565	6	20
BZ125IM10	M10	2,565	5	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD125IM04	M4	3,241	100	8
VD125IM05	M5	3,252	75	8
VD125IM06	M6	4,108	75	8
VD125IM08	M8	4,283	50	8
VD125IM10	M10	7,142	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	M3	1,557	500	22.500
D902104	M4	1,810	500	12.000
D902105	M5	1,980	500	12.000
D902106	M6	3,383	500	12.000
D902108	M8	7,927	200	4.800
D902110	M10	14,933	100	2.400
D902112	M12	27,097	100	1.200
D902114	M14	40,573	100	1.200
D902116	M16	46,700	50	600
D902118	M18	92,633	50	600
D902120	M20	97,863	25	300
D902122	M22	243,710	25	300
D902124	M24	264,517	25	150



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ902103	M3	2,029	20	20
BZ902104	M4	2,029	20	20
BZ902105	M5	2,029	20	20
BZ902106	M6	2,029	10	20
BZ902108	M8	2,029	5	20
BZ902110	M10	2,029	5	20
BZ902112	M12	2,029	4	20



Window Box

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD902103	M3	3,646	125	8
VD902104	M4	3,646	125	8
VD902105	M5	4,036	125	8
VD902106	M6	4,723	100	8
VD902108	M8	5,313	50	8
VD902110	M10	5,860	30	8
VD902112	M12	5,292	15	8

Wide plain washer

DIN-9021

STAINLESS STEEL



DIN-9021 A2

A2 Stainless steel



CODE	SIZE	€/100		
D9021IM04	M4	2,380	500	22.500
D9021IM05	M5	4,357	500	12.000
D9021IM06	M6	7,893	500	8.000
D9021IM08	M8	15,560	200	4.800
D9021IM10	M10	35,207	100	1.600
D9021IM12	M12	60,720	100	800
D9021IM14	M14	131,004	100	800
D9021IM16	M16	132,610	50	600
D9021IM18	M18	237,443	50	400
D9021IM20	M20	266,213	25	300
D9021IM22	M22	274,243	25	200
D9021IM24	M24	315,377	25	150



Blister



Window Box

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZ9021IM04	M4	2,565	10	20
BZ9021IM05	M5	2,565	8	20
BZ9021IM06	M6	2,565	8	20
BZ9021IM08	M8	2,565	6	20
BZ9021IM10	M10	2,565	5	20

CODE	SIZE	€/BOX	PCS. 	BOXES 
VD9021IM04	M4	3,508	100	8
VD9021IM05	M5	4,331	75	8
VD9021IM06	M6	7,846	75	8
VD9021IM08	M8	8,250	40	8
VD9021IM10	M10	9,333	20	8

Bits

PU

METAL

PU-PH

PH



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	131,080	50	25	1.125
PUPHL02	PH2	131,080	50	25	1.125
PUPHL03	PH3	131,080	50	25	1.125



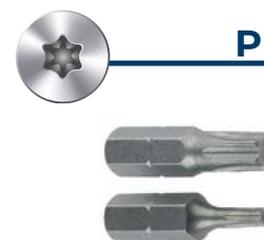
Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZPUPHCL01	N°1 / 50	3,427	4	20
BZPUPHCL02	N°2 / 50	3,427	4	20
BZPUPHCL03	N°3 / 50	3,427	4	20

METAL

PU-TO

TX



CODE		€/100	LENGTH		
PUTO010	TX10	92,060	25	25	1.125
PUTO015	TX15	92,060	25	25	1.125
PUTO020	TX20	92,060	25	25	1.125
PUTO025	TX25	92,060	25	25	1.125
PUTO030	TX30	92,060	25	25	1.125
PUTO040	TX40	92,060	25	25	1.125



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZPUTOT01	T10+T20	3,427	2	20
BZPUTOT02	T30+T40	3,427	2	20

PU

Bits

PU-OX

OXBIT



METAL

CODE		€/100	LENGTH		
PUOXBITC10	OXB-10	115,077	25	25	1.125
PUOXBITC15	OXB-15	115,077	25	25	1.125
PUOXBITC20	OXB-20	115,077	25	25	1.125
PUOXBITC25	OXB-25	115,077	25	25	1.125
PUOXBITC30	OXB-30	115,077	25	25	1.125
PUOXBITC40	OXB-40	115,077	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.

PU-PO

PZ



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	131,080	50	25	1.125
PUPOL02	PZ2	131,080	50	25	1.125
PUPOL03	PZ3	131,080	50	25	1.125



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZPUPOCL01	N°1 / 50	3,427	4	20
BZPUPOCL02	N°2 / 50	3,427	4	20
BZPUPOCL03	N°3 / 50	3,427	4	20

PU-CU

Square



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	131,080	50	25	1.125
PUCUL02	PC2	131,080	50	25	1.125
PUCUL03	PC3	131,080	50	25	1.125

Magnetic hexagonal nut setter

BOCA

METAL

CODE	SIZE	€/100	INSTALLATION KEY	LENGTH		
BOCA006	6 mm.	603,317	1/4"	65	5	225
BOCA007	7 mm.	603,317	1/4"	65	5	225
BOCA008	8 mm.	603,317	1/4"	65	5	225
BOCA010	10 mm.	603,317	1/4"	65	5	225



Blister

CODE	SIZE	€/BAG	PCS. 	BAGS 
BZBOCA008	8 mm.	4,622	1	20
BZBOCA010	10 mm.	4,622	1	20

1/4" magnetic bit holder

PU-PM

METAL

CODE	SIZE	€/100	INSTALLATION KEY	LENGTH		
PUPM014	1/4" x 60	600,457	1/4"	65	5	225





STAINLESS RANGE



MT

Through bolt anchor for heavy loads in cracked & uncracked concrete

MTH-A4

Opt.7 ETA Assessed. A4 Stainless steel shaft. A4 Stainless steel clip



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CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIX LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	198,050	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	215,763	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	229,800	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	238,740	4	A	100	800
MIA408075	M8 x 75 Ø8	253,527	5	C	100	600
MIA408090	M8 x 90 Ø8	282,907	20	E	100	600
MIA408115	M8 x 115 Ø8	371,653	45	G	100	400
MIA410070	M10 x 70 Ø10	415,217	3	C	100	400
MIA410090	M10 x 90 Ø10	470,627	10	D	100	400
MIA410120	M10 x 120 Ø10	572,090	40	G	50	300
MIA410150	M10 x 150 Ø10	811,337	70	I	50	200
• MIA412075	M12 x 75 Ø12	620,927	5	C	50	300
MIA412090	M12 x 90 Ø12	625,313	13	D	50	200
MIA412110	M12 x 110 Ø12	684,030	12	F	50	200
MIA412140	M12 x 140 Ø12	820,253	42	I	50	200
• MIA416090	M16 x 90 Ø16	1.483,607	4	D	25	150
MIA416145	M16 x 145 Ø16	1.832,207	23	I	25	100
MIA416170	M16 x 170 Ø16	2.115,780	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.459,464	5	G	20	40
MIA420170	M20 x 170 Ø20	3.361,992	23	K	20	40
MIA420220	M20 x 220 Ø20	4.185,353	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	34,754	10	8
VMIA410090	M10 x 90 Ø10	47,562	8	8
VMIA412110	M12 x 110 Ø12	54,416	6	8

Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
LSMIA408075	M8 x 75 Ø8	38,350	12	7
LSMIA410090	M10 x 90 Ø10	50,066	8	7
LSMIA412110	M12 x 110 Ø12	54,502	6	5

Through bolt anchor for heavy loads in cracked & uncracked concrete

MT

STAINLESS STEEL



MTH-A2

Opt.7 ETA Assessed. A2 Stainless steel shaft. A2 Stainless steel clip



02 Technical info. P. 258



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIX LETTER (LENGTH)		
•MI06045	M6 x 45 Ø6	161,603	1	A	200	1.200
•MI06060	M6 x 60 Ø6	181,233	2	B	200	1.200
•MI06080	M6 x 80 Ø6	189,553	22	D	200	1.200
•MI06120	M6 x 120 Ø6	226,723	62	G	100	600
•MI06140	M6 x 140 Ø6	286,957	82	I	100	600
•MI06160	M6 x 160 Ø6	321,420	102	J	100	400
•MI06170	M6 x 170 Ø6	360,995	112	K	100	400
•MI06180	M6 x 180 Ø6	391,449	122	L	100	300
•MI08050	M8 x 50 Ø8	195,990	4	A	100	800
MI08075	M8 x 75 Ø8	214,680	5	C	100	600
MI08090	M8 x 90 Ø8	244,303	20	E	100	600
MI08115	M8 x 115 Ø8	316,020	45	G	100	400
MI10070	M10 x 70 Ø10	332,170	3	C	100	400
MI10090	M10 x 90 Ø10	371,820	10	D	100	400
MI10120	M10 x 120 Ø10	435,813	40	G	50	300
MI10150	M10 x 150 Ø10	610,167	70	I	50	200
•MI12075	M12 x 75 Ø12	503,667	5	C	50	300
MI12090	M12 x 90 Ø12	504,820	13	D	50	200
MI12110	M12 x 110 Ø12	546,373	18	F	50	200
MI12140	M12 x 140 Ø12	684,810	48	I	50	200
•MI16090	M16 x 90 Ø16	1.223,710	4	D	25	150
MI16145	M16 x 145 Ø16	1.428,494	23	I	25	100
MI16170	M16 x 170 Ø16	1.566,360	48	K	25	75
•MI20120	M20 x 120 Ø20	1.957,302	5	G	20	40
MI20170	M20 x 170 Ø20	2.432,095	23	K	20	40
MI20220	M20 x 220 Ø20	3.141,695	73	O	20	40

• Non-approved sizes

• Non-assessed sizes for Fire Resistance



DO-MT Setting tool PAG. 47



Blister



Window Box



Self-Service

CODE	SIZE	€/BAG	PCS.	BAGS
BZMI08075	M8 x 75 Ø8	4,622	2	12
BZMI10090	M10 x 90 Ø10	4,622	2	10

CODE	SIZE	€/BOX	PCS.	BOXES
VMI08075	M8 x 75 Ø8	31,479	10	8
VMI08090	M8 x 90 Ø8	33,657	10	8
VMI10070	M10 x 70 Ø10	34,779	8	8
VMI10090	M10 x 90 Ø10	38,931	8	8
VMI10120	M10 x 120 Ø10	34,224	6	8
VMI12110	M12 x 110 Ø12	42,459	6	8

CODE	SIZE	€/BAG	PCS.	BAGS
LSMI08075	M8 x 75 Ø8	31,948	12	7
LSMI08090	M8 x 90 Ø8	36,352	12	7
LSMI10070	M10 x 70 Ø10	39,130	10	6
LSMI10090	M10 x 90 Ø10	38,931	8	6
LSMI10120	M10 x 120 Ø10	41,070	8	6
LSMI12110	M12 x 110 Ø12	42,459	6	6

CH

Anti-spin sleeve anchor, for medium loads

CH-A2

A2 Stainless steel. Opt.7 ETA Assessed

STAINLESS STEEL



02 Technical info. P. 262



CODE	SIZE	€/100		
ACHTA208C	M6 x 45 Ø8	108,713	100	1.200
ACHTA208L	M6 x 60 Ø8	122,817	100	600
•ACHTA209C	M6 x 45 Ø9	123,027	100	1.200
•ACHTA209L	M6 x 60 Ø9	142,097	100	600
ACHTA210C	M8 x 60 Ø10	176,140	100	600
ACHTA210L	M8 x 80 Ø10	202,623	100	400
•ACHTA211C	M8 x 60 Ø11	211,907	100	400
•ACHTA211L	M8 x 80 Ø11	249,623	100	400
ACHTA212C	M10 x 70 Ø12	297,137	100	200
ACHTA212L	M10 x 100 Ø12	363,387	50	200
•ACHTA214C	M10 x 70 Ø14	395,263	100	300
•ACHTA214L	M10 x 100 Ø14	440,873	50	200
ACHTA216C	M12 x 80 Ø16	585,907	50	100
ACHTA216L	M12 x 110 Ø16	741,410	50	100
ACHTA220C	M16 x 110 Ø20	1.522,157	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	4,622	2 15	VACHTA208C	M6 x 45 Ø8	13,641	10 8	LSACHTA208C	M6 x 45 Ø8	14,734	12 6
BZACHTA208L	M6 x 60 Ø8	4,622	2 15	VACHTA208L	M6 x 60 Ø8	15,859	10 8	LSACHTA208L	M6 x 60 Ø8	17,128	12 6
BZACHTA210C	M8 x 60 Ø10	4,622	2 15	VACHTA210C	M8 x 60 Ø10	14,204	6 8	LSACHTA210C	M8 x 60 Ø10	17,044	8 6
BZACHTA210L	M8 x 80 Ø10	4,622	2 15	VACHTA210L	M8 x 80 Ø10	16,912	6 8	LSACHTA210L	M8 x 80 Ø10	20,293	8 6
				VACHTA212C	M10 x 70 Ø12	15,938	4 8	LSACHTA212C	M10 x 70 Ø12	21,519	6 6
				VACHTA212L	M10 x 100 Ø12	19,673	4 8	LSACHTA212L	M10 x 100 Ø12	19,673	4 5

CH-PI

A2 Stainless steel flat head screw. Opt.7 ETA Assessed

STAINLESS STEEL



02 Technical info. P. 263



CODE	SIZE	€/100			
ACHTPI08C	M6 x 45 Ø8	116,590	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	149,287	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	219,947	5	100	600
ACHTPI10L	M8 x 80 Ø10	260,373	5	100	400
ACHTPI12C	M10 x 70 Ø12	347,790	6	50	300
ACHTPI12L	M10 x 100 Ø12	410,607	6	50	300

Drop-in anchor with internal thread for heavy loads

HE

STAINLESS STEEL



CODE	SIZE	€/100	LENGTH		
HEA4M06	M6 x 25 Ø8	110,967	25	100	4.000
HEA4M08	M8 x 30 Ø10	158,223	30	100	2.200
HEA4M10	M10 x 40 Ø12	237,783	40	50	1.000
HEA4M12	M12 x 50 Ø15	473,433	50	50	600
HEA4M16	M16 x 65 Ø20	1.057,930	65	25	250
HEA4M20	M20 x 80 Ø25	1.932,287	80	25	100

HE-A4

A4 Stainless steel. ETA Assessed for non-structural applications



02 Technical info. P. 250



STAINLESS STEEL



CODE	SIZE	€/100	LENGTH		
HEC4M06	M6 x 25 Ø8	152,948	25	100	3.200
HEC4M08	M8 x 30 Ø10	218,993	30	100	1.600
HEC4M10	M10 x 40 Ø12	338,341	40	50	800
HEC4M12	M12 x 50 Ø15	608,319	50	50	400

HE-C4 **NEW**

With collar. A4 Stainless steel. ETA Assessed for non-structural applications



02 Technical info. P. 251



Stud bolt for chemical anchor, with nut and washer

EQ

CHEMICAL



CODE	SIZE	€/100		
EQA208110	M8 x 110	310,533	10	240
EQA210130	M10 x 130	513,190	10	120
EQA212160	M12 x 160	850,517	10	120
EQA216190	M16 x 190	1.762,247	10	40
EQA220260	M20 x 260	3.368,117	6	12
EQA224300	M24 x 300	5.382,437	6	12
EQA230330	M30 x 330	9.820,060	6	12

EQ-A2

A2 Stainless steel



CHEMICAL



CODE	SIZE	€/100		
EQA408110	M8 x 110	356,573	10	240
EQA410130	M10 x 130	647,677	10	120
EQA412160	M12 x 160	1.114,120	10	120
EQA416190	M16 x 190	2.297,417	10	40
EQA420260	M20 x 260	5.313,967	6	12
EQA424300	M24 x 300	8.758,463	6	12
EQA430330	M30 x 330	15.449,990	6	12

EQ-A4

A4 Stainless steel



T-NUX

Universal high performance nylon plug

T-NUX A A4

A4 Stainless steel. Countersunk head. ETA Assessed



02 Technical info. P. 252



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
TNXA408080	8 x 80 Ø8	264,814	TX30	10	50	600
TNXA408100	8 x 100 Ø8	319,321	TX30	30	50	600
TNXA408120	8 x 120 Ø8	394,477	TX30	50	50	300
TNXA410080	10 x 80 Ø10	337,061	TX40	10	50	300
TNXA410100	10 x 100 Ø10	402,435	TX40	30	50	300
TNXA410120	10 x 120 Ø10	468,663	TX40	50	50	300
TNXA410140	10 x 140 Ø10	555,749	TX40	70	50	300

T-NUX E A4

A4 Stainless steel. Hexagonal head. ETA Assessed



02 Technical info. P. 252



CODE	SIZE	€/100			THICKNESS MAX. FIXTURE		
TNXE408080	8 x 80 Ø8	371,738	TX30	H10	10	50	600
TNXE408100	8 x 100 Ø8	440,603	TX30	H10	30	50	300
TNXE410080	10 x 80 Ø10	493,074	TX40	H13	10	50	300
TNXE410100	10 x 100 Ø10	514,943	TX40	H13	30	50	300
TNXE410120	10 x 120 Ø10	618,968	TX40	H13	50	50	300
TNXE410140	10 x 140 Ø10	722,024	TX40	H13	70	50	200

DIN-7504-K

Self-drilling screw with hexagonal head

DIN-7504-K A2

Screw. A2 Stainless steel



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	17,927	7	1.000	12.000
ABEI4216	4,2 x 16	20,113	7	1.000	8.000
ABEI4219	4,2 x 19	20,847	7	1.000	8.000
ABEI4813	4,8 x 13	25,360	8	1.000	8.000
ABEI4816	4,8 x 16	24,780	8	500	6.000
ABEI4819	4,8 x 19	26,817	8	500	6.000
ABEI4825	4,8 x 25	30,027	8	500	6.000
ABEI4832	4,8 x 32	35,707	8	500	3.000
ABEI5519	5,5 x 19	37,023	8	500	6.000
ABEI5522	5,5 x 22	39,500	8	500	4.000
ABEI5525	5,5 x 25	41,980	8	500	6.000
ABEI6319	6,3 x 19	56,113	10	500	3.000
ABEI6325	6,3 x 25	63,840	10	500	3.000

Vulcanized EPDM-steel washer

ARVUL

STAINLESS STEEL



CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	12,053	2,5	1.000	12.000
ARINO16	P16	13,627	2,7	1.000	6.000
ARINO18	P18	17,147	3,2	1.000	6.000
ARINO25	P25	31,707	3,3	500	3.000
ARINOM30	P30	45,500	6,3	500	1.500



* ARINOM30: Specially recommended for MTH-A2, Ø6.

ARVUL A2

A2 Stainless steel



Coach wood screw with hexagonal head

DIN-571

STAINLESS STEEL



CODE	SIZE	€/100			
*TBA206040	6 x 40	36,067	10	100	2.400
*TBA206050	6 x 50	42,910	10	100	1.200
TBA206060	6 x 60	48,797	10	100	1.200
TBA206070	6 x 70	55,167	10	100	1.200
*TBA208050	8 x 50	80,037	13	100	1.200
*TBA208060	8 x 60	88,080	13	100	1.200
*TBA208070	8 x 70	99,517	13	100	600
TBA208080	8 x 80	111,423	13	100	600
*TBA210080	10 x 80	188,553	17	100	400

• Non-approved sizes

DIN-571 A2

A2 Stainless steel



DIN-933

Hexagonal bolt with thread up to the head. 8.8

DIN-933 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100			
D933IM04010	M4 x 10	12,083	7	500	12.000
D933IM04016	M4 x 16	14,473	7	500	12.000
D933IM04020	M4 x 20	16,650	7	500	8.000
D933IM04025	M4 x 25	17,960	7	500	8.000
D933IM04030	M4 x 30	20,573	7	500	6.000
D933IM04035	M4 x 35	25,250	7	250	6.000
D933IM04040	M4 x 40	28,077	7	250	6.000
D933IM05010	M5 x 10	12,627	8	500	8.000
D933IM05016	M5 x 16	14,800	8	500	-
D933IM05020	M5 x 20	16,760	8	500	6.000
D933IM05025	M5 x 25	19,263	8	500	4.000
D933IM05030	M5 x 30	22,310	8	500	4.000
D933IM05035	M5 x 35	24,707	8	250	3.000
D933IM05040	M5 x 40	27,753	8	250	3.000
D933IM05050	M5 x 50	33,960	8	250	3.000
D933IM06010	M6 x 10	21,180	10	250	6.000
D933IM06016	M6 x 16	22,437	10	250	4.000
D933IM06020	M6 x 20	25,993	10	250	4.000
D933IM06025	M6 x 25	27,007	10	250	3.000
D933IM06030	M6 x 30	31,380	10	250	3.000
D933IM06035	M6 x 35	35,483	10	250	2.000
D933IM06040	M6 x 40	39,223	10	250	2.000
D933IM06050	M6 x 50	46,547	10	250	1.500
D933IM08016	M8 x 16	41,407	13	200	1.600
D933IM08020	M8 x 20	44,880	13	200	1.600
D933IM08025	M8 x 25	50,663	13	200	1.600
D933IM08030	M8 x 30	56,327	13	200	1.200
D933IM08035	M8 x 35	61,977	13	200	1.200
D933IM08040	M8 x 40	68,413	13	200	1.200
D933IM08050	M8 x 50	82,320	13	200	800
D933IM08060	M8 x 60	93,953	13	200	800
D933IM08070	M8 x 70	112,587	13	200	800
D933IM08080	M8 x 80	128,683	13	100	600
D933IM08090	M8 x 90	142,570	13	100	600
D933IM08100	M8 x 100	159,967	13	100	600
D933IM10020	M10 x 20	84,357	17	200	800
D933IM10025	M10 x 25	88,470	17	200	800
D933IM10030	M10 x 30	96,950	17	200	800
D933IM10035	M10 x 35	105,697	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	111,617	17	200	-
D933IM10050	M10 x 50	132,967	17	200	-
D933IM10060	M10 x 60	152,267	17	100	600
D933IM10070	M10 x 70	171,757	17	100	400
D933IM10080	M10 x 80	202,097	17	100	400
D933IM10090	M10 x 90	227,687	17	50	300
D933IM10100	M10 x 100	256,903	17	50	300
D933IM12020	M12 x 20	138,480	19	100	600
D933IM12030	M12 x 30	144,040	19	100	600
D933IM12040	M12 x 40	162,333	19	100	400
D933IM12050	M12 x 50	187,337	19	100	400
D933IM12060	M12 x 60	213,523	19	100	400
D933IM12070	M12 x 70	239,983	19	100	-
D933IM12080	M12 x 80	299,853	19	50	300
D933IM12090	M12 x 90	328,287	19	50	300
D933IM12100	M12 x 100	356,733	19	25	150
D933IM14030	M14 x 30	271,427	22	50	300
D933IM14040	M14 x 40	297,273	22	50	300
D933IM14050	M14 x 50	338,637	22	50	300
D933IM14060	M14 x 60	385,163	22	50	200
D933IM14070	M14 x 70	429,107	22	50	200
D933IM14080	M14 x 80	460,923	22	25	150
D933IM14100	M14 x 100	632,190	22	25	150
D933IM16030	M16 x 30	299,723	24	50	300
D933IM16040	M16 x 40	311,187	24	50	200
D933IM16050	M16 x 50	354,900	24	50	200
D933IM16060	M16 x 60	403,760	24	50	200
D933IM16070	M16 x 70	450,050	24	25	150
D933IM16080	M16 x 80	498,910	24	25	150
D933IM16090	M16 x 90	588,760	24	25	150
D933IM16100	M16 x 100	637,770	24	25	100
D933IM18030	M18 x 30	599,210	27	25	100
D933IM18040	M18 x 40	633,757	27	25	200
D933IM18050	M18 x 50	692,297	27	25	150
D933IM18060	M18 x 60	773,733	27	25	150
D933IM18070	M18 x 70	860,250	27	25	100
D933IM18080	M18 x 80	941,717	27	25	100
D933IM18090	M18 x 90	1.023,167	27	25	100
D933IM18100	M18 x 100	1.104,613	27	25	100



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ3I04010	M4 x 10	2,565	6	20
BZ3I04016	M4 x 16	2,565	6	20
BZ3I04020	M4 x 20	2,565	6	20
BZ3I04030	M4 x 30	2,565	6	20
BZ3I04040	M4 x 40	2,565	6	20
BZ3I05010	M5 x 10	2,565	6	20
BZ3I05016	M5 x 16	2,565	6	20
BZ3I05020	M5 x 20	2,565	6	20
BZ3I05025	M5 x 25	2,277	6	20
BZ3I05030	M5 x 30	2,565	6	20
BZ3I05040	M5 x 40	2,565	6	20
BZ3I05050	M5 x 50	2,565	6	20
BZ3I06016	M6 x 16	2,565	6	20
BZ3I06020	M6 x 20	2,565	6	20
BZ3I06025	M6 x 25	2,565	6	20
BZ3I06030	M6 x 30	2,565	6	20
BZ3I06040	M6 x 40	2,565	6	20
BZ3I06050	M6 x 50	2,565	6	20
BZ3I08016	M8 x 16	2,565	4	20
BZ3I08020	M8 x 20	2,565	4	20
BZ3I08025	M8 x 25	2,565	4	20
BZ3I08030	M8 x 30	2,565	4	20
BZ3I08040	M8 x 40	2,565	4	20
BZ3I08050	M8 x 50	2,565	4	20
BZ3I08060	M8 x 60	2,565	4	20
BZ3I10020	M10 x 20	2,565	2	20
BZ3I10030	M10 x 30	2,565	2	20
BZ3I10040	M10 x 40	2,565	2	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD933I04010	M4 x 10	5,951	40	8
VD933I04016	M4 x 16	7,130	40	8
VD933I04020	M4 x 20	7,905	40	8
VD933I04030	M4 x 30	7,601	30	8
VD933I04040	M4 x 40	8,328	25	8
VD933I05010	M5 x 10	6,222	40	8
VD933I05016	M5 x 16	7,294	40	8
VD933I05020	M5 x 20	8,258	40	8
VD933I05030	M5 x 30	5,495	20	8
VD933I05040	M5 x 40	6,838	20	8
VD933I05050	M5 x 50	4,390	10	8
VD933I06010	M6 x 10	7,828	30	8
VD933I06016	M6 x 16	7,983	30	8
VD933I06020	M6 x 20	9,251	30	8
VD933I06025	M6 x 25	8,009	25	8
VD933I06030	M6 x 30	9,307	25	8
VD933I06040	M6 x 40	7,249	15	8
VD933I06050	M6 x 50	5,733	10	8
VD933I08016	M8 x 16	10,201	20	8
VD933I08020	M8 x 20	11,054	20	8
VD933I08025	M8 x 25	12,481	20	8
VD933I08030	M8 x 30	10,408	15	8
VD933I08040	M8 x 40	8,428	10	8
VD933I08050	M8 x 50	10,138	10	8
VD933I08060	M8 x 60	11,573	10	8
VD933I10020	M10 x 20	10,390	10	8
VD933I10030	M10 x 30	11,943	10	8
VD933I10040	M10 x 40	13,749	10	8
VD933I10050	M10 x 50	16,378	10	8
VD933I10060	M10 x 60	18,755	10	8

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
6921I08020	M8 x 20	46,040	13	200	2.400
6921I08050	M8 x 50	87,807	13	100	600
6921I08070	M8 x 70	112,967	13	100	600

DIN-6921 A2 NEW

Screw DIN-6921. Hexagonal flanged bolt with serration. Stainless steel A2



METAL



CODE	SIZE	€/100		
D603I08016	M8 x 16	42,047	200	2.400

DIN-603 A2 NEW

Screw DIN-603. Round head screw with square neck. Stainless steel A2



Hexagonal nut

DIN-934

STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	4,447	7	500	22.500
D934IM05	M5	5,140	8	500	12.000
D934IM06	M6	8,483	10	500	12.000
D934IM08	M8	17,207	13	250	4.000
D934IM10	M10	38,387	17	250	2.000
D934IM12	M12	56,280	19	250	1.500
D934IM14	M14	80,893	22	100	800
D934IM16	M16	113,520	24	100	600
D934IM18	M18	180,550	27	100	600
D934IM20	M20	237,070	30	50	400
D934IM22	M22	327,683	32	50	300
D934IM24	M24	425,983	36	25	200

DIN-934 A2

A2 Stainless steel



Blister



Window Box

CODE	SIZE	€/BAG	PCS.	BAGS
BZ934IM04	M4	2,565	10	20
BZ934IM05	M5	2,565	8	20
BZ934IM06	M6	2,565	8	20
BZ934IM08	M8	2,565	6	20
BZ934IM10	M10	2,565	5	15

CODE	SIZE	€/BOX	PCS.	BOXES
VD934IM04	M4	3,274	50	8
VD934IM05	M5	3,786	50	8
VD934IM06	M6	5,621	50	8
VD934IM08	M8	6,841	30	8
VD934IM10	M10	10,175	20	8

DIN-985

Nylon insert nut

DIN-985 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	8,233	7	500	8.000
D985IM05	M5	8,867	8	500	8.000
D985IM06	M6	12,527	10	500	8.000
D985IM08	M8	24,697	13	250	4.000
D985IM10	M10	52,593	17	250	2.000
D985IM12	M12	81,753	19	100	1.200
D985IM14	M14	146,147	22	100	800
D985IM16	M16	177,133	24	50	600
D985IM18	M18	405,373	27	50	400
D985IM20	M20	519,897	30	25	300
D985IM22	M22	1.176,747	32	25	300
D985IM24	M24	1.586,600	36	25	150



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ985IM04	M4	2,565	10	20
BZ985IM05	M5	2,565	8	20
BZ985IM06	M6	2,565	8	20
BZ985IM08	M8	2,565	6	20
BZ985IM10	M10	2,565	5	15



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD985IM04	M4	5,454	50	8
VD985IM05	M5	5,877	50	8
VD985IM06	M6	8,302	50	8
VD985IM08	M8	9,819	30	8
VD985IM10	M10	13,942	20	8

ISF-CC

Connectors + Accessories for the solar structures assembly

NEW

DIN-6923 A2

DIN-6923 Hexagonal flange nut with serration. Stainless steel A2



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	22,833	13	250	3.000
D6923IM10	M10	38,510	15	250	3.000
D6923IM12	M12	65,500	18	250	1.500

DIN-125

Plain washer

DIN-125 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	€/100		
D125IM04	M4	1,323	500	22.500
D125IM05	M5	1,750	500	22.500
D125IM06	M6	3,170	500	22.500
D125IM08	M8	5,437	250	11.250
D125IM10	M10	10,387	250	6.000
D125IM12	M12	18,477	250	3.000
D125IM14	M14	28,960	200	2.400
D125IM16	M16	31,977	100	2.400
D125IM18	M18	47,420	100	1.600
D125IM20	M20	50,357	50	1.200
D125IM22	M22	59,713	50	1.200
D125IM24	M24	104,480	50	600



Blister

CODE	SIZE	€/BAG	PCS.	BAGS
BZ125IM04	M4	2,565	10	20
BZ125IM05	M5	2,565	8	20
BZ125IM06	M6	2,565	8	20
BZ125IM08	M8	2,565	6	20
BZ125IM10	M10	2,565	5	20



Window Box

CODE	SIZE	€/BOX	PCS.	BOXES
VD125IM04	M4	3,241	100	8
VD125IM05	M5	3,252	75	8
VD125IM06	M6	4,108	75	8
VD125IM08	M8	4,283	50	8
VD125IM10	M10	7,142	50	8

Wide plain washer

DIN-9021

STAINLESS STEEL



DIN-9021 A2

A2 Stainless steel



CODE	SIZE	€/100		
D9021IM04	M4	2,380	500	22.500
D9021IM05	M5	4,357	500	12.000
D9021IM06	M6	7,893	500	8.000
D9021IM08	M8	15,560	200	4.800
D9021IM10	M10	35,207	100	1.600
D9021IM12	M12	60,720	100	800
D9021IM14	M14	131,004	100	800
D9021IM16	M16	132,610	50	600
D9021IM18	M18	237,443	50	400
D9021IM20	M20	266,213	25	300
D9021IM22	M22	274,243	25	200
D9021IM24	M24	315,377	25	150



Blister



Window Box

CODE	SIZE	€/BAG	PCS. 	BAGS
BZ9021IM04	M4	2,565	10	20
BZ9021IM05	M5	2,565	8	20
BZ9021IM06	M6	2,565	8	20
BZ9021IM08	M8	2,565	6	20
BZ9021IM10	M10	2,565	5	20

CODE	SIZE	€/BOX	PCS. 	BOXES
VD9021IM04	M4	3,508	100	8
VD9021IM05	M5	4,331	75	8
VD9021IM06	M6	7,846	75	8
VD9021IM08	M8	8,250	40	8
VD9021IM10	M10	9,333	20	8

Connectors + Accessories for the solar structures assembly

ISF-CC

METAL



DIN-127 A2 NEW

Grower spring washer DIN-127.
Stainless steel A2



CODE	SIZE	€/100		
D127IM08	M8	4,530	200	9.000
D127IM10	M10	7,237	100	4.500
D127IM12	M12	10,923	100	4.500

Reinforced pipe clamp M8 + M10 Reinforced pipe clamp M8 + M10. A2 Stainless steel

AB-RE A2

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA2018	18 (M8+M10)	350,963	3/8"	15 - 18	150	50	300
ABREA2022	22 (M8+M10)	369,093	1/2"	20 - 24	150	50	200
ABREA2028	28 (M8+M10)	405,210	3/4"	26 - 30	150	50	150
ABREA2035	35 (M8+M10)	423,987	1"	32 - 36	150	50	100
ABREA2040	40 (M8+M10)	448,793	1 1/4"	36 - 42	150	25	100
ABREA2048	48 (M8+M10)	473,157	1 1/2"	47 - 50	150	25	100
ABREA2054	54 (M8+M10)	499,703	-	51 - 55	150	25	75
ABREA2060	60 (M8+M10)	531,453	2"	60 - 64	150	25	75
ABREA2075	75 (M8+M10)	601,983	2 1/2"	75 - 80	150	25	50
ABREA2090	90 (M8+M10)	692,637	3"	87 - 92	150	25	-
ABREA2110	110 (M8+M10)	749,337	-	106 - 112	150	25	-
ABREA2115	115 (M8+M10)	781,637	4"	114 - 119	150	25	-
ABREA2125	125 (M8+M10)	838,380	4 1/2"	124 - 131	150	25	-
ABREA2140	140 (M8+M10)	926,653	5"	133 - 140	150	25	-
ABREA2160	160 (M8+M10)	1.057,567	6"	159 - 163	150	25	-
ABREA2200	200 (M8+M10)	1.475,183	-	199 - 212	150	25	-



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Technical info.



ADVANTAGES

Screw with plastic washer to avoid its lost
Nut M8/M10
Reinforced

AB-RE A4

Reinforced pipe clamp M8 + M10



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REINFORCED M8 + M10



ADVANTAGES

Screw with plastic washer to avoid its lost

Nut M8/M10

Reinforced

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABREA4018	18 (M8+M10)	449,050	3/8"	15 - 18	150	50	300
ABREA4022	22 (M8+M10)	474,767	1/2"	20 - 24	150	50	200
ABREA4028	28 (M8+M10)	507,057	3/4"	26 - 30	150	50	150
ABREA4035	35 (M8+M10)	529,697	1"	32 - 36	150	50	100
ABREA4040	40 (M8+M10)	568,197	1 1/4"	36 - 42	150	25	100
ABREA4048	48 (M8+M10)	613,867	1 1/2"	47 - 50	150	25	100
ABREA4054	54 (M8+M10)	640,433	-	51 - 55	150	25	75
ABREA4060	60 (M8+M10)	682,693	2"	60 - 64	150	25	75
ABREA4075	75 (M8+M10)	757,447	2 1/2"	75 - 80	150	25	50
ABREA4090	90 (M8+M10)	830,587	3"	87 - 92	150	25	-
ABREA4110	110 (M8+M10)	956,430	-	106 - 112	150	25	-
ABREA4115	115 (M8+M10)	1.026,100	4"	114 - 119	150	25	-
ABREA4125	125 (M8+M10)	1.081,013	4 1/2"	124 - 131	150	25	-
ABREA4140	140 (M8+M10)	1.279,617	5"	133 - 140	150	25	-
ABREA4160	160 (M8+M10)	1.404,623	-	159 - 163	150	25	-
ABREA4200	200 (M8+M10)	1.704,457	-	199 - 212	150	25	-

AB-RI A2

Reinforced isophonic pipe clamp M8 + M10



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CTE REINFORCED
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



M8 + M10



ADVANTAGES

Screw with plastic washer to avoid its lost

Nut M8/M10

Reinforced

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRIA2018	18 (M8+M10)	452,633	3/8"	15 - 18	150	50	200
ABRIA2022	22 (M8+M10)	465,123	1/2"	20 - 24	150	50	150
ABRIA2028	28 (M8+M10)	485,820	3/4"	26 - 30	150	50	150
ABRIA2035	35 (M8+M10)	511,127	1"	32 - 36	150	50	100
ABRIA2040	40 (M8+M10)	538,987	1 1/4"	36 - 42	150	25	75
ABRIA2048	48 (M8+M10)	571,240	1 1/2"	47 - 50	150	25	75
ABRIA2054	54 (M8+M10)	623,673	-	51 - 55	150	25	50
ABRIA2060	60 (M8+M10)	657,530	2"	60 - 64	150	25	50
ABRIA2075	75 (M8+M10)	740,760	2 1/2"	75 - 80	150	25	-
ABRIA2090	90 (M8+M10)	800,907	3"	87 - 92	150	25	-
ABRIA2110	110 (M8+M10)	890,610	-	106 - 112	150	25	-
ABRIA2115	115 (M8+M10)	915,293	4"	114 - 119	150	25	-
ABRIA2125	125 (M8+M10)	986,493	4 1/2"	124 - 131	150	25	-
ABRIA2140	140 (M8+M10)	1.021,377	5"	133 - 140	150	25	-
ABRIA2160	160 (M8+M10)	1.145,937	6"	159 - 163	150	25	-

Reinforced isophonic pipe clamp M8 + M10

AB-RI A4

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABRIA4018	18 (M8+M10)	536,790	3/8"	15 - 18	150	50	200
ABRIA4022	22 (M8+M10)	564,327	1/2"	20 - 24	150	50	150
ABRIA4028	28 (M8+M10)	589,053	3/4"	26 - 30	150	50	150
ABRIA4035	35 (M8+M10)	633,163	1"	32 - 36	150	50	100
ABRIA4040	40 (M8+M10)	682,457	1 1/4"	36 - 42	150	25	75
ABRIA4048	48 (M8+M10)	733,720	1 1/2"	47 - 50	150	25	75
ABRIA4054	54 (M8+M10)	770,017	-	51 - 55	150	25	50
ABRIA4060	60 (M8+M10)	841,693	2"	60 - 64	150	25	50
ABRIA4075	75 (M8+M10)	920,903	2 1/2"	75 - 80	150	25	-
ABRIA4090	90 (M8+M10)	1.010,433	3"	87 - 92	150	25	-
ABRIA4110	110 (M8+M10)	1.191,347	-	106 - 112	150	25	-
ABRIA4115	115 (M8+M10)	1.238,547	4"	114 - 119	150	25	-
ABRIA4125	125 (M8+M10)	1.312,093	4 1/2"	124 - 131	150	25	-
ABRIA4140	140 (M8+M10)	1.422,880	5"	133 - 140	150	25	-
ABRIA4160	160 (M8+M10)	1.630,030	6"	159 - 163	150	25	-



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CTE
CÓDIGO TÉCNICO DE LA EDIFICACIÓN



M8 + M10



ADVANTAGES

Screw with plastic washer to avoid its lost
Nut M8/M10
Reinforced

U-bolt

AB-ZI



CODE	SIZE	€/100	Ø ROD INCHES	MAXIMUM LOAD		
AZA2060500	M6 1/2"	105,883	1/2"	250	100	600
AZA2060750	M6 3/4"	123,093	3/4"	250	100	600
AZA2061000	M6 1"	151,650	1"	250	100	400
AZA2061250	M6 1 1/4"	179,560	1 1/4"	250	50	300
AZA2081500	M8 1 1/2"	312,037	1 1/2"	350	50	150
AZA2082000	M8 2"	362,937	2"	350	50	150
AZA2082500	M8 2 1/2"	408,927	2 1/2"	350	50	100
AZA2083000	M8 3"	444,473	3"	350	50	100
AZA2104000	M10 4"	904,320	4"	350	50	-
AZA2106000	M10 6"	1.166,313	6"	350	25	-
AZA2108000	M10 8"	1.395,300	8"	350	25	-

AB-ZI A2

A2 Stainless steel



Stainless steel clamp Indextube

AB-IT

SANITATION



CODE	SIZE	€/100		
ABITS015	Ø15	122,600	100	600
ABITS018	Ø18	132,847	100	400
ABITS022	Ø22	196,913	100	400
ABITS028	Ø28	264,693	100	300

AB-ITS NEW

Simple



AB-IT

Stainless steel clamp Indextube

NEW **AB-ITD**

Double



SANITATION



CODE	SIZE	€/100		
ABITD015	Ø15	453,273	50	300
ABITD018	Ø18	513,180	50	200
ABITD022	Ø22	201,960	50	100

AB-M6 A2

Pipe clamp M6



Technical info.
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ADVANTAGES
M6 soldered nut
Thickness 1,5 mm.

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES	ØD(MM)	MAXIMUM LOAD		
ABM6A2012	12 (M6)	198,680	1/4"	12	70	100	1.200
ABM6A2015	15 (M6)	202,270	-	14 - 15	70	100	600
ABM6A2018	18 (M6)	205,860	3/8"	16 - 18	70	100	600
ABM6A2020	20 (M6)	209,980	1/2"	19 - 21	70	100	600
ABM6A2022	22 (M6)	212,633	-	22 - 24	70	100	600
ABM6A2028	28 (M6)	224,573	3/4"	25 - 30	70	100	400

AB-SF A2

Hose clamp



Technical info.
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ADVANTAGES
Stainless Steel A2 screw, band and housing
For several pipe Ø
Medium torque capacity

STAINLESS STEEL



CODE	SIZE	€/100	SIZE IN INCHES		
ASF2010016	10-16	91,983	-	100	1.200
ASF2012020	12-20	94,273	1/2" - 7/8"	100	600
ASF2016027	16-27	98,337	5/8" - 1 1/16"	100	600
ASF2020032	20-32	110,910	3/4" - 1 1/4"	100	600
ASF2025040	25-40	121,187	1" - 1 5/8"	100	200
ASF2032050	32-50	168,677	1 3/8" - 2"	100	300
ASF2040060	40-60	179,097	1 5/8" - 2 3/8"	100	200
ASF2050070	50-70	186,910	2" - 2 3/4"	50	100
ASF2060080	60-80	196,483	2 3/8" - 3 1/8"	50	100
ASF2070090	70-90	206,930	2 3/4" - 3 1/2"	50	100
ASF2080100	80-100	213,867	3 1/8" - 4"	50	100
ASF2090110	90-110	249,403	3 1/2" - 4 3/8"	50	50
ASF2100120	100-120	259,197	4" - 4 3/4"	25	25
ASF2110130	110-130	268,960	4 3/8" - 5 1/8"	25	25
ASF2120140	120-140	282,660	4 3/4" - 5 1/2"	25	25
ASF2130150	130-150	293,423	5 1/8" - 5 7/8"	25	25

AB-SF IR

Stainless hose clamp roll

AB-SF IR

Kit (Roll 3 m. + 8 heads). Stainless steel



CODE	SIZE	€/PC		
ASFIR03	9 x 0,6 mm / 3 m	1.429,560	1	50

Stainless hose clamp roll

AB-SF IR



CODE	SIZE	€/100		
ASFIRCA	Cabezal	102,113	50	1.000

AB-SF IRC

Head. Stainless steel



AB-SF IRR

Roll 30 m. Stainless steel



CODE	SIZE	€/PC		
ASFIR30	9 x 0,6 mm/ 30 m	5.105,580	1	10

Fixing band

CI-PE

STAINLESS STEEL



CODE	SIZE	€/PC	MIN. ORDER QTY.		
CIPEA21708	17 x 0,8 x 10 m	40,304	1	1	30



CI-PE A2

Round fixing band. A2 Stainless steel



Sanitary fixings

SA



CODE	SIZE	€/KIT	KITS X
SAIL06080	M6 x 80	3,017	100

SA-IL

Stainless steel WC and bidet fixing kit with long nylon plug



2 PCS x KIT



CODE	SIZE	€/KIT	KITS X
SACI06080	M6 x 80	5,727	100

SA-CI

Cistern fixing kit



2 PCS x KIT

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	12.032,189	2.000	6
GPI283015	28 x 30 x 1,50 x 2000	27.975,448	2.000	6

EG

Accessories for type "C" profiles

EG-A2

A2 Stainless steel channel bracket



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
EMI45	50 x 50 45°	617,260	27/18 - 28/30 - 38/40	50	200
EMI90	54 x 54 90°	617,260	27/18 - 28/30 - 38/40	50	-
EMI00	100 180°	611,967	27/18 - 28/30 - 38/40	50	200

PG

Accessories for type "C" profiles

PG-A2

A2 Stainless steel Channel U-fitting



STAINLESS STEEL



CODE	SIZE	€/100	SUITABLE FOR		
PGI2718	27 / 18 x 81	301,077	27/18	50	300
PGI2830	28 / 30 x 81	346,240	28/30	50	200
PGI3840	38 / 40 x 93	421,507	38/40	50	100

RV

Threaded rod

RV-A2

A2 Stainless steel. 1 meter



STAINLESS STEEL



CODE	SIZE	€/100	PITCH	
975A2M04	M4 x 1000	380,780	0,7	1
975A2M05	M5 x 1000	449,000	0,8	1
975A2M06	M6 x 1000	619,920	1	1
975A2M08	M8 x 1000	1.006,010	1,25	1
975A2M10	M10 x 1000	1.457,350	1,5	1
975A2M12	M12 x 1000	2.218,653	1,75	1
975A2M14	M14 x 1000	3.885,137	2	1
975A2M16	M16 x 1000	4.486,253	2	1
975A2M18	M18 x 1000	4.894,093	2,5	1
975A2M20	M20 x 1000	6.753,847	2,5	1
975A2M22	M22 x 1000	7.894,990	2,5	1
975A2M24	M24 x 1000	10.657,117	3	1
975A2M27	M27 x 1000	12.844,027	3	1
975A2M30	M30 x 1000	19.989,633	3,5	1
975A2M33	M33 x 1000	25.095,807	3,5	1
975A2M36	M36 x 1000	28.864,247	4	1

Coupling nut

MA

STAINLESS STEEL



CODE	SIZE	€/100	LENGTH	
MARI0830	M8 x 30	207,170	30	100
MARI1030	M10 x 30	285,210	30	100

MARI

Coupling nut. Round. A2 Stainless steel



Threaded screw clamp and staple

AB-TA

STAINLESS STEEL



CODE	SIZE	€/100		
ABTA20630	M6 x 30	78,334	100	2.400

AB-TA A2

A2 Stainless steel



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Double threaded screw

ES-DR

STAINLESS STEEL



CODE	SIZE	€/100		
ESDA208060	M8 x 60	115,807	100	800
ESDA210060	M10 x 60	215,433	100	800

ES-DA2

A2 Stainless steel. Tx



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Flat bar for fixation

PF

STAINLESS STEEL

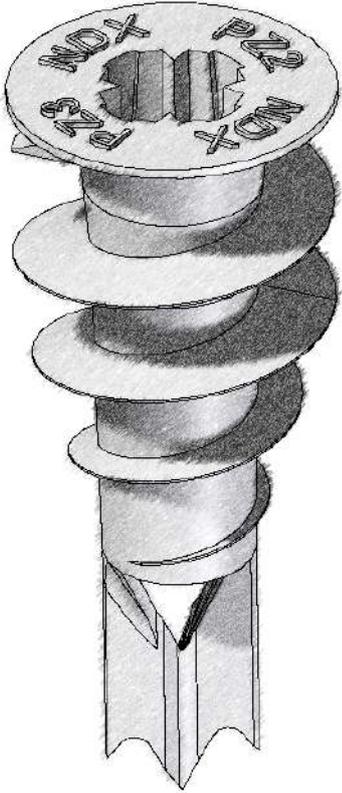
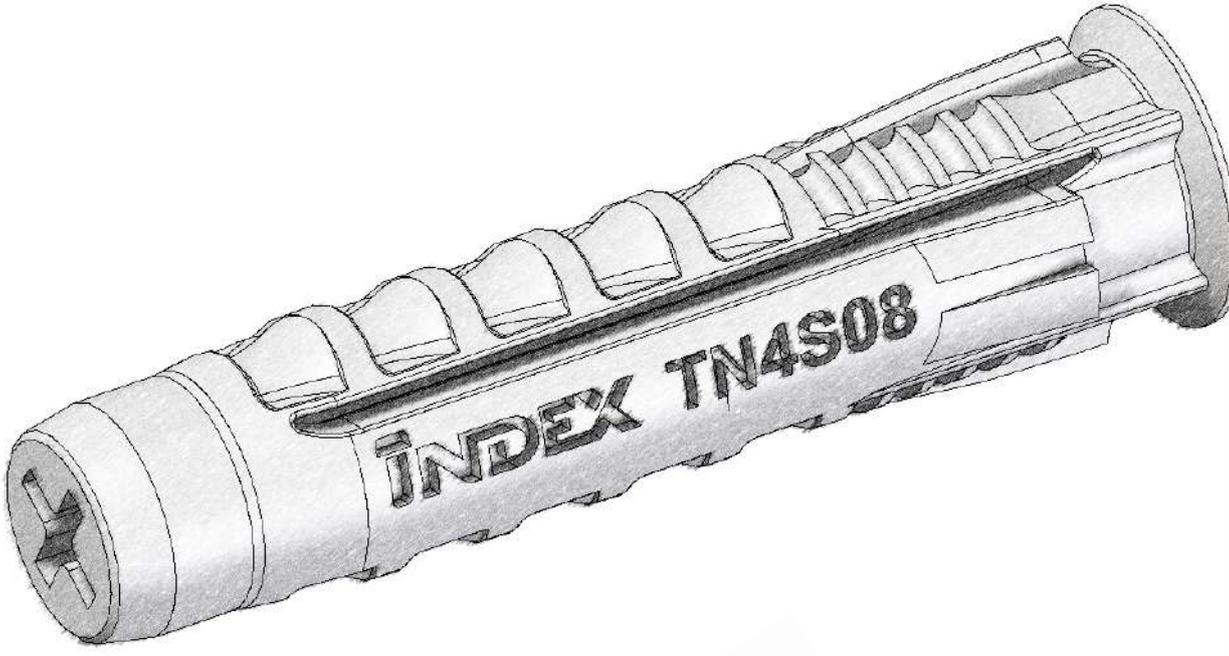


CODE	SIZE	€/100		
PFA4M0800	M8	303,137	100	600
PFA4M0810	M8 + M10	361,303	100	600
PFA4M1000	M10	346,320	100	600

PF-A4

A4 Stainless steel





TECHNICAL INFORMATION

PIPE WEIGHTS ACCORDING TO MATERIALS FOR LOAD CALCULATION

		External Ø (mm)	Internal Ø (mm)	Weight of empty pipe with coupling nut (kg/m)	Weight pipe full of water with coupling nut(kg/m)
 <p>STEEL UNE 19047:1996</p>	3/8"	17,2	12,6	0,89	1,01
	1/2"	21,3	16,1	1,26	1,46
	3/4"	26,9	21,7	1,63	2,00
	1"	33,7	27,3	2,50	3,09
	1 1/4"	42,4	36	3,23	4,25
	1 1/2"	48,3	41,9	3,75	5,13
	2"	60,3	53,1	5,26	7,47
	2 1/2"	76,1	68,9	6,76	10,49
	3"	88,9	80,9	8,79	13,93
	4"	114,3	105,3	12,90	21,61
	5"	139,7	129,7	17,50	30,71
6"	165,1	155,1	20,80	39,69	
 <p>STAINLESS STEEL UNE 19049-1:1997</p>	6	6	4,8	0,08	0,10
	8	8	6,8	0,11	0,15
	10	10	8,8	0,14	0,20
	12	12	10,8	0,17	0,26
	15	15	13,8	0,21	0,36
	18	18	16,6	0,30	0,52
	22	22	20,6	0,37	0,70
	28	28	26,4	0,54	1,08
	35	35	33	0,84	1,69
	42	42	39,8	1,11	2,35
	54	54	51,6	1,56	3,65
	66,7	66,7	64,3	2,45	5,70
	76,1	76,1	73,1	2,45	6,64
	88,9	88,9	84,9	4,35	10,01
108	108	104	5,31	13,80	
 <p>PVC F (pluvial) UNE 53.114</p>	32	32	28,4	0,24	0,87
	40	40	36,4	0,30	1,34
	50	50	46,4	0,38	2,07
	83	83	79,4	0,64	5,59
	110	110	105,6	1,04	9,80
	125	125	120	1,35	12,66
 <p>PVC C (fecal) UNE 53.114</p>	32	32	25,6	0,41	0,92
	40	40	33,6	0,52	1,40
	50	50	43,6	0,66	2,15
	83	83	76,6	1,12	5,73
	110	110	103,6	1,50	9,93
	125	125	118,6	1,71	12,76
	160	160	153,6	2,21	20,74
200	200	192	3,45	32,40	

		External Ø (mm)	Internal Ø (mm)	Weight of empty pipe with coupling nut (kg/m)	Weight pipe full of water with coupling (kg/m)
 <p>PVC UNE 53.332</p>	110	110	103,6	1,50	9,93
	125	125	118,6	1,71	12,76
	160	160	152,2	2,68	20,87
	200	200	190,2	4,20	32,62
	250	250	237,8	6,54	50,96
	315	315	299,6	10,41	80,90
	400	400	380,4	16,82	130,47
 <p>COBRE UNE EN 1057:1996</p>	4 - 6	6	4	0,14	0,15
	6 - 8	8	6	0,20	0,22
	8 - 10	10	8	0,25	0,30
	10 - 12	12	10	0,31	0,39
	12 - 14	14	12	0,36	0,48
	13 - 15	15	13	0,39	0,52
	14 - 16	16	14	0,42	0,57
	16 - 18	18	16	0,48	0,68
	20 - 22	22	20	0,59	0,90
	23 - 25	25	23	0,67	1,09
	26 - 28	28	26	0,76	1,29
	33 - 35	35	33	0,95	1,81
	38 - 40	40	38	1,09	2,23
	40 - 42	42	40	1,15	2,40
	51,6 - 54	54	51,6	1,77	3,87
	60 - 64	64	60	3,47	6,30
	62,7 - 66,7	66,7	62,7	3,62	6,71
	66 - 70	70	66	3,81	7,23
	72,1 - 76,1	76,1	72,1	4,15	8,23
	76-80	80	76	4,37	8,90
	84,9 - 88,9	88,9	84,9	4,87	10,53
104 - 108	108	104	5,94	14,43	
129 - 133	133	129	7,34	20,41	
155 - 159	159	155	8,79	27,66	
213 - 219	219	213	18,14	53,77	
261 - 267	267	261	22,18	75,68	

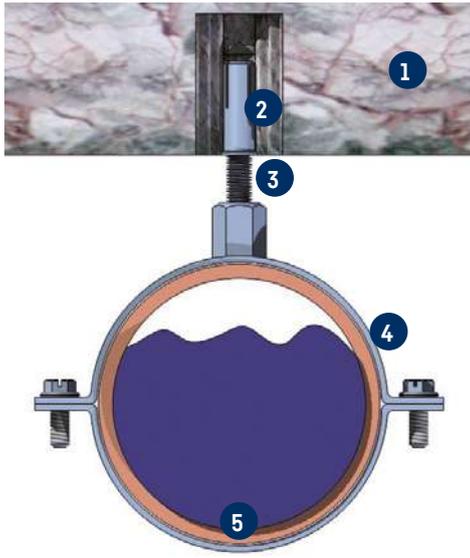
* Approximate weight values. Consult manufacturer for exact weights.

LOAD CALCULATION EXAMPLES

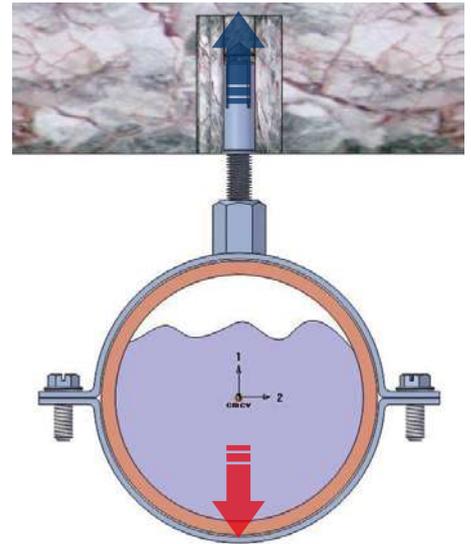
When designing pipe support systems, the basic aspects of the theory of strength of materials must be taken into consideration. To calculate the fixing of pipes in the system being designed, the weakest element has to be taken as a reference.

1. SUSPENSION ELEMENT

Fixing elements



Loads and resistances



- 1 Base material
- 2 Anchor
- 3 Suspension element
- 4 Clamp
- 5 Pipe

RESISTANCE CALCULATION

Service loads		Components' recommended resistance
Pipe weight + Fluid weight	≤	HE-NO DIN-975 AB-RI

Service loads

PVC pipe Ø 125 mm + fluid
(distance between supports: 1 metre)
= 12,76 kg/m *

Components' resistance

Element	Characteristic strength *	Safety coefficient *	Recommended resistance *
Drop in anchor HENOM8	8,30 N	CS steel failure 2,16 CS load increasing 1,4	279 kg
Threaded rod 975ZM8	15.400 N	CS steel failure 1,25 CS load increasing 1,4	897 kg
Pipe clamp ABRI125	-	-	200 kg

*Check data in technical sheets at indexfix.com and INDEX catalogue.

The weakest element is the pipe clamp ABRI125, with a recommended resistance of 200kg.

$$\text{Service load} \leq \text{Recommended resistance}$$

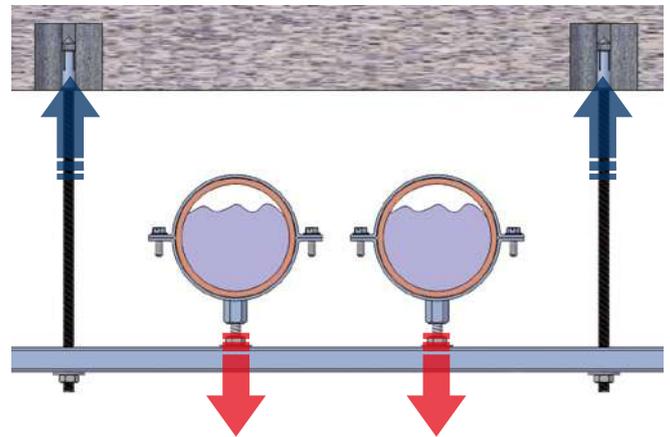
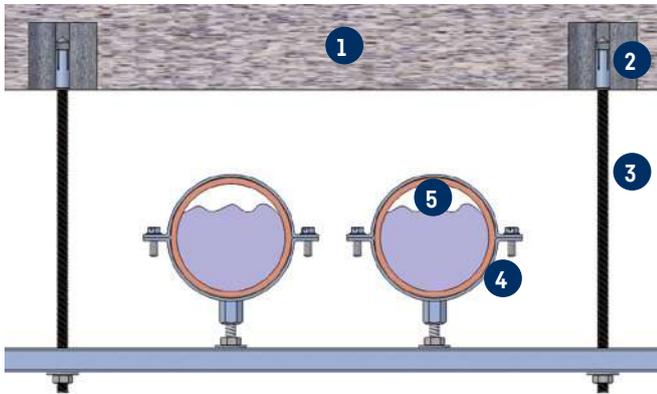
$$12,76 \text{ kg} \leq 200 \text{ kg}$$

Therefore, the support system for the pipe clamp is safe..

2. ELEMENT ON SUPPORT CHANNEL

Fixing elements

Loads and resistances



- 1 Base material
- 2 Anchor
- 3 Suspension element
- 4 Clamp
- 5 Pipe

RESISTANCE CALCULATION

Service loads		Components' recommended resistance
2 Pipe weight + Fluid weight	≤	2 HE-NO 2 DIN-975 2 AB-RI 1 GPG3840

Service loads

2 PVC pipes Ø 125 mm + fluid
(distance between supports: 2 metres)
= 12,76 kg/m x 2 x 2 = 51,04 kg*

Components' resistance

Element	Characteristic strength*	Safety coefficient*	Recommended resistance*	Units	Total recommended resistance*
Drop in anchor HENOM8	8,30 N	CS steel failure 2,16 CS load increasing 1,4	279 kg	2	558
Threaded rod 975ZM8	15.400 N	CS steel failure 1,25 CS load increasing 1,4	897 kg	2	1.794
Pipe clamp ABRI115	-	-	200 kg	2	400
Support channel GPG3840	See support system for details		260 kg	2	260

*Check data in technical sheets at indexfix.com and INDEX catalogue.

Service Load ≤ Recommended Resistance

ABRI125: 25,52 kg ≤ 200 kg
GPG3840: 51,04 kg ≤ 260 kg

Therefore, the support system for the pipes is safe.

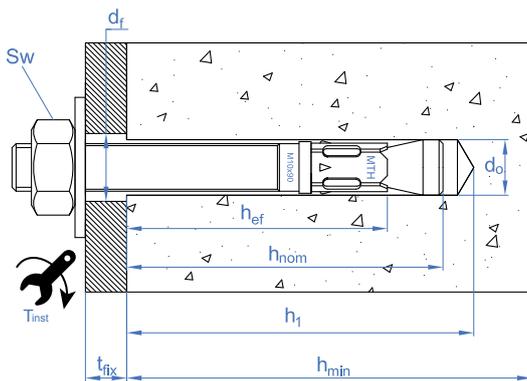
The weakest elements are the pipe clamp ABRI125, with a recommended resistance of 200 kg; and the support channel GPG3840, with a recommended resistance of 260 kg.

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.

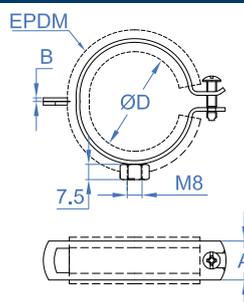
AB-IA / AB-RA Reinforced pipe clamp M8 opened



AB-RA / AB-IA 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

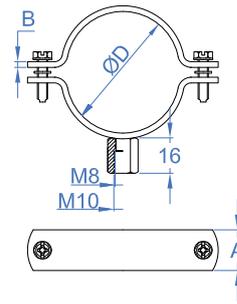
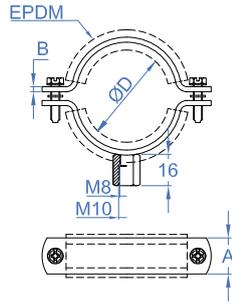
AB-IR Isophonic pipe clamp M8 fast-clip



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 Zinc-plated

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUN LOAD
ABRI018 / ABRE018	15 - 19	3/8”	19 x 1,8	150
ABRI022 / ABRE022	20 - 25	1/2”	19 x 1,8	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 2,3	200
ABRI115 / ABRE115	113 - 118	4”	19 x 2,3	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	-	19 x 2,3	200
ABRI200 / ABRE200	199 - 212	-	19 x 2,3	200
ABRI220 / ABRE220	215 - 226	8”	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 V / AB-RE V Zinc-plated

CODE	ØD(MM)	ØD(“)	A X B	MAXIMUN 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 A2 Stainless steel

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

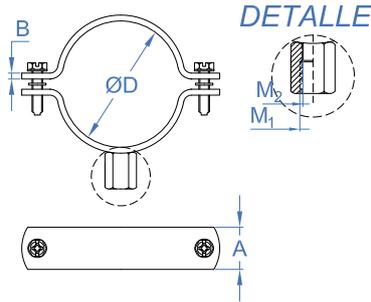


AB-RE A2 / AB-RE A4 A2 Stainless steel

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



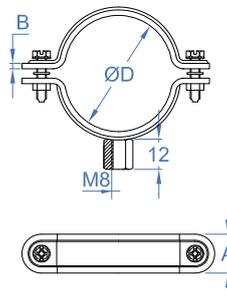
AB-GA

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

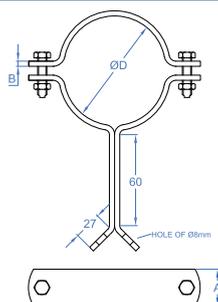


AB-M8

Drainpipe clamp M8

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUN LOAD
ABM8050	49 - 54	-	28 x 0,8	100
ABM8063	60 - 65	-	28 x 0,8	100
ABM8075	75 - 80	-	28 x 0,8	100
ABM8090	88 - 92	-	28 x 0,8	100
ABM8110	108 - 113	-	28 x 0,8	100
ABM8125	124 - 130	-	28 x 0,8	100
ABM8160	159 - 165	-	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

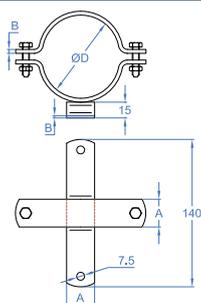
AB-DE Z / AB-DE G Recessed drainpipe clamp



AB-DE Z / AB-DE G Zinc-plated

CODE	ØD(MM)	ØD(ʹ)	A X B	MAXIMUM LOAD
ABDE075	75 - 80	2 1/2ʹ	20 x 2,5	200
ABDE090	87 - 92	3ʹ	20 x 2,5	200
ABDE110	107 - 112	-	20 x 2,5	200
ABDE125	125 - 130	4 1/2ʹ	20 x 2,5	200
ABDE160	159 - 166	6ʹ	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

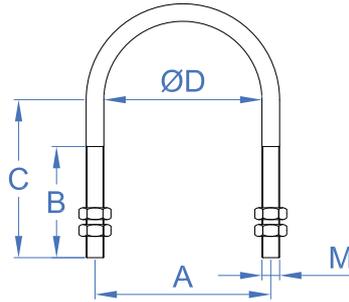


AB-DP Z / AB-DP G Zinc-plated

CODE	ØD(MM)	ØD(ʹ)	A X B	MAXIMUM LOAD
ABDP075	75 - 80	2 1/2ʹ	20 x 2	200
ABDP090	87 - 92	3ʹ	20 x 2	200
ABDP110	107 - 112	-	20 x 2	200
ABDP125	125 - 130	4 1/2ʹ	20 x 2	200
ABDP160	159 - 166	6ʹ	20 x 2	200
ABDP200	199 - 212	-	20 x 2	200
ABDP250	245 - 254	-	20 x 2	200

AB-ZI

U-bolt



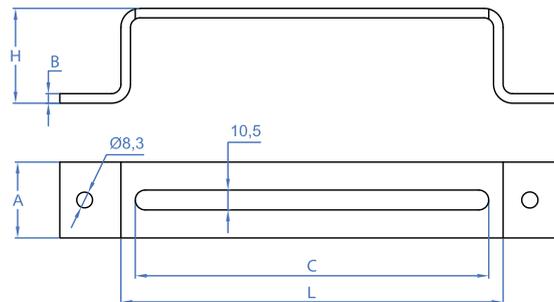
AB-ZI

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



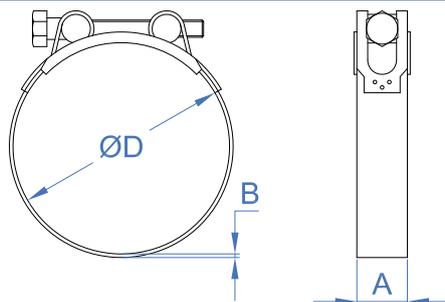
AB-SA

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

Heavy duty pipe clamp



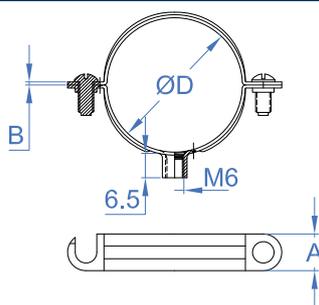
AB-GP

High pressure clamp

CODE	MXL	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	M8 x 80	131 - 139	25 X 1,5
AGP140148	M8 x 80	140 - 148	25 X 1,5
AGP149161	M8 x 80	149 - 161	25 X 1,8
AGP162174	M8 x 80	162 - 174	25 X 1,8
AGP175187	M10 x 110	175-187	25 X 1,8
AGP188200	M10 x 110	188-200	25 X 1,8
AGP201213	M10 x 110	201-213	25 X 1,8
AGP214226	M10 x 110	214-226	25 X 1,8

AB-M6

Pipe clamp M6



AB-M6 Z / AB-M6

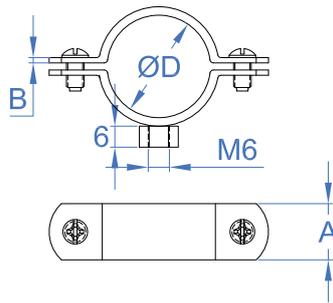
Zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM 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
ABM6018 / ABMZ6018	18	3/8"	10 x 1	70
ABM6020 / ABMZ6020	20	-	10 x 1	70

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
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-M6 A2

Pipe clamp M6



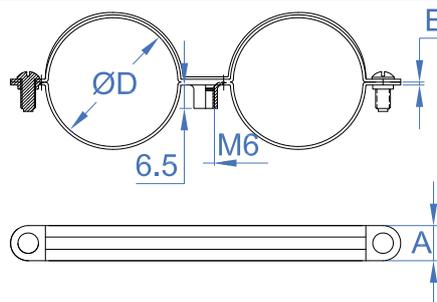
AB-M6 A2

A2 Stainless steel

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM 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-D6

Double pipe clamp M6



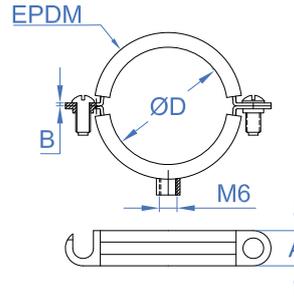
AB-D6 Z / AB-D6

Zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM 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-6I

Isophonic pipe clamp M6



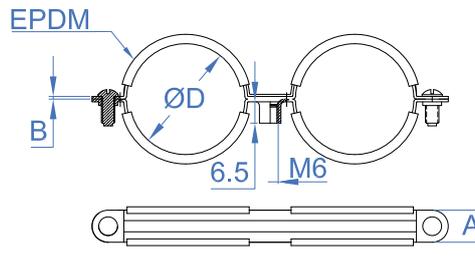
AB-6I

Isophonic pipe clamp M6

CODE	ØD(MM)	ØD(")	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



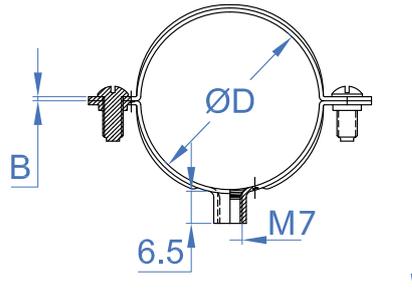
AB-DI

Double isophonic pipe clamp M6

CODE	ØD(MM)	ØD(")	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



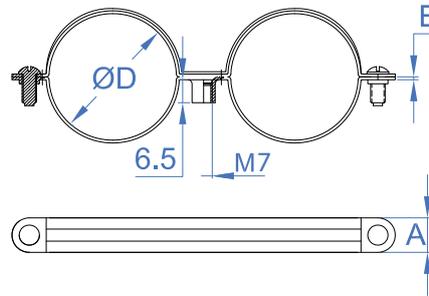
AB-M7

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



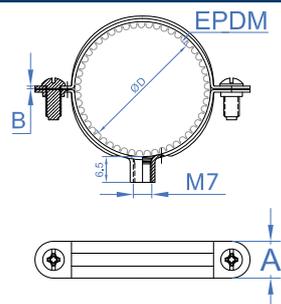
AB-D7

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



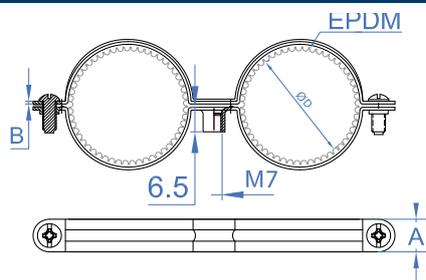
AB-7I

Isophonic pipe clamp M6

CODE	$\varnothing D$ (MM)	$\varnothing D$ (")	A X B	MAXIMUM LOAD
AB7IZ010	10	-	11 X 1	-
AB7IZ012	12	-	11 X 1	-
AB7IZ014	14	-	11 X 1	-
AB7IZ016	16	-	11 X 1	-
AB7IZ018	18	-	11 X 1	-
AB7IZ020	20	-	11 X 1	-
AB7IZ022	22	-	11 X 1	-
AB7IZ024	24	-	11 X 1	-
AB7IZ026	26	-	11 X 1	-
AB7IZ028	28	-	11 X 1	-
AB7IZ032	32	-	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



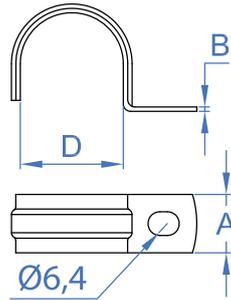
AB-7ID

Double isophonic pipe clamp M6

CODE	$\varnothing D$ (MM)	$\varnothing D$ (")	A X B	MAXIMUM LOAD
AB7IDZ0810	08-10	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



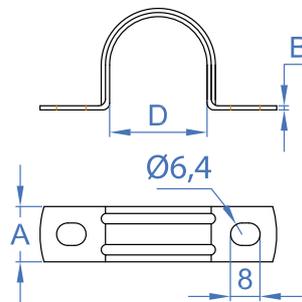
AB-PI

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 with double hole



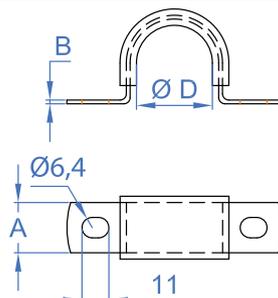
AB-PU

Bridge conduit clip, with double hole

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABPU016	16	-	12 x 1,2	75
ABPU018	18	3/8"	12 x 1,2	75
ABPU020	20	-	12 x 1,2	75
ABPU022	22	1/2"	15 x 1,2	75
ABPU025	25	-	15 x 1,2	75
ABPU028	28	3/4"	15 x 1,2	75
ABPU032	32	1"	15 x 1,2	75
ABPU037	37	-	18 x 1,2	75
ABPU040	40	1 1/4"	18 x 1,2	75
ABPU050	50	1 1/2"	18 x 1,2	75
ABPU063	63	2"	18 x 1,2	75

AB-IP

Isophonic bridge conduit clip



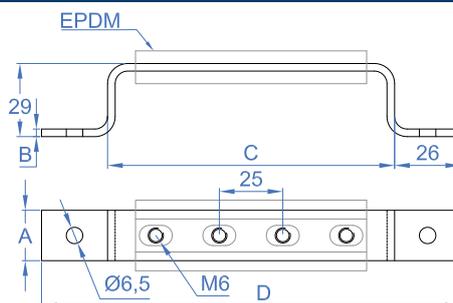
AB-IP

Pipe clip for fixing plate

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



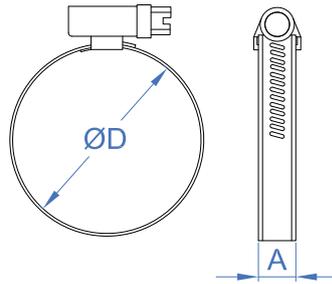
AB-SI

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

Zinc-plated

CODE	ØD(MM)	ØD(")	AXB	TORQUE (NM)
ASF008016	8-16	5/16" - 5/8"	9 x 0,7	4,5
ASF012022	12-22	1/2" - 7/8"	9 x 0,7	4,5
ASF016027	16 - 27	5/8" - 1 1/16"	9 x 0,7	4,5
ASF020032	20 - 32	3/4" - 1 1/4"	9 x 0,7	4,5
ASF025040	25 - 40	1" - 1 5/8"	9 x 0,7	4,5
ASF030045	30 - 45	1 3/16" - 1 3/4"	9 x 0,8	4,5
ASF035050	35 - 50	1 3/8" - 2"	9 x 0,8	4,5
ASF040060	40 - 60	1 5/8" - 2 3/8"	9 x 0,8	4,5
ASF050070	50 - 70	2" - 2 3/4"	9 x 0,8	4,5
ASF060080	60 - 80	2 3/8" - 3 1/8"	9 x 0,8	4,5
ASF070090	70 - 90	2 3/4" - 3 1/2"	9 x 0,8	4,5
ASF080100	80 - 100	3 1/8" - 4"	9 x 0,8	4,5
ASF090110	90 - 110	3 1/2" - 4 3/8"	9 x 0,8	4,5
ASF100120	100 - 120	4" - 4 3/4"	9 x 0,8	4,5
ASF110130	110 - 130	4 3/8" - 5 1/8"	9 x 0,8	4,5
ASF120140	120 - 140	4 3/4" - 5 1/2"	9 x 0,8	4,5
ASF130150	130 - 150	5 1/8" - 5 7/8"	9 x 0,8	4,5

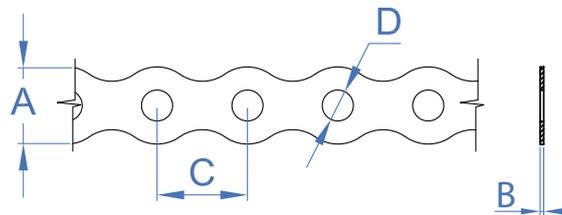
AB-SF A2

A2 Stainless steel

CODE	ØD(MM)	ØD(")	AXB	TORQUE (NM)
ASF2010016	10-16	5/16" - 5/8"	9 x 0,7	4
ASF2012020	12-20	1/2" - 7/8"	9 x 0,7	4
ASF2016027	16 - 27	5/8" - 1 1/16"	9 x 0,7	4
ASF2020032	20 - 32	3/4" - 1 1/4"	9 x 0,7	4
ASF2025040	25 - 40	1" - 1 5/8"	9 x 0,7	4
ASF2032050	32 - 50	1 3/8" - 2"	9 x 0,7	4
ASF2040060	40 - 60	1 5/8" - 2 3/8"	9 x 0,7	4
ASF2050070	50 - 70	2" - 2 3/4"	9 x 0,7	4
ASF2060080	60 - 80	2 3/8" - 3 1/8"	9 x 0,7	4
ASF2070090	70 - 90	2 3/4" - 3 1/2"	9 x 0,7	4
ASF2080100	80 - 100	3 1/8" - 4"	9 x 0,7	4
ASF2090110	90 - 110	3 1/2" - 4 3/8"	9 x 0,7	4
ASF2100120	100 - 120	4" - 4 3/4"	9 x 0,7	4
ASF2110130	110 - 130	4 3/8" - 5 1/8"	9 x 0,7	4
ASF2120140	120 - 140	4 3/4" - 5 1/2"	9 x 0,7	4
ASF2130150	130 - 150	5 1/8" - 5 7/8"	9 x 0,7	4

CI-PE

Fixing band



CI-PE

Round fixing band ATLANTIS C2-M

CODE	AXB	c	D
CIPE1208	12 x 0,8	14	5
CIPE1708	17 x 0,8	20	7

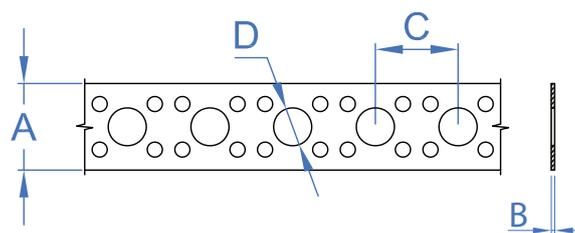
CI-PE A2

Round fixing band. A2 Stainless steel

CODE	AXB	c	D
CIPEA21708	17 x 0,8	20	7

CI-PR

Straight fixing band ATLANTIS C2-M



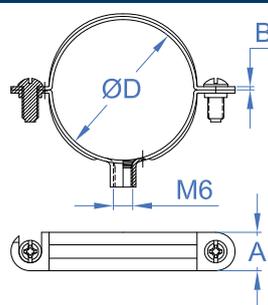
CI-PR

Straight fixing band ATLANTIS C2-M

CODE	A X B	c	D
CIPR1908	19 x 0,8	18	8,3
CIPR1208	12 x 0,8	12	6,2

AB-CR

Chromed pipe clamp M6



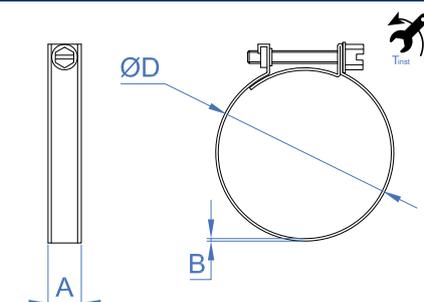
AB-CR

Chrome coated pipe clamp M6

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABCR010	10	1/8"	12 x 1,2	70
ABCR012	12	1/4"	12 x 1,2	70

AB-BU

Butane clamp



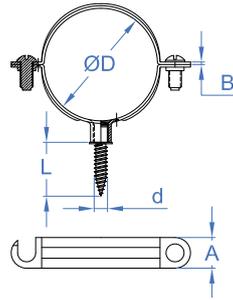
AB-BU

Butane clamp

CODE	ØD(MM)	ØD(°)	A X B	TORQUE (NM)
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

Pipe clamp for gas yellow coated with chipboard screw



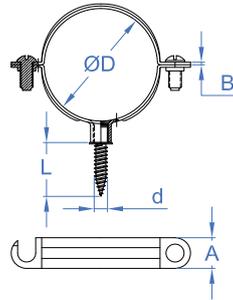
AB-GM

Yellow coated pipe clamp for gas with 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

Pipe clamp for gas black coated M6 with chipboard screw



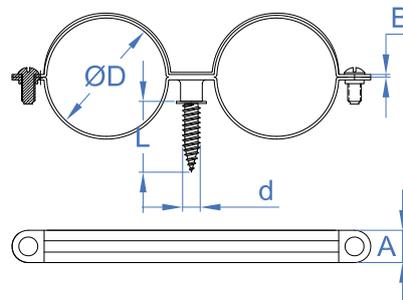
AB-GS

Black coated pipe clamp for gas M6 with 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	100
ABGS054	54	-	12 x 1,2	100

AB-GD

Double pipe clamp for gas black coated M6 with chipboard screw



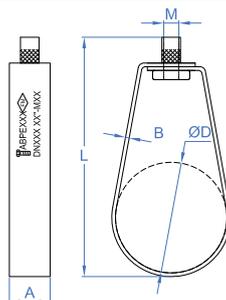
AB-GD

Double black coated pipe clamp for gas M6 with 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



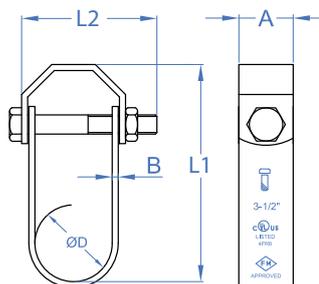
AB-PE

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



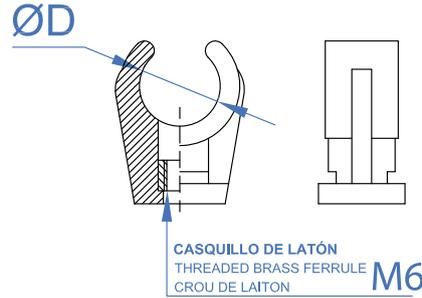
AB-CH

Drainpipe clamp M8

CODE	ØD(MM)	ØD(')	A X B	L1	L2	MAXIMUM LOAD
ABCH00034	28	3/4"	22,5 x 2,5	82,5	50	153
ABCH01000	35	1"	22,5 x 2,5	99	57	172
ABCH01014	42	1 1/4"	22,5 x 2,5	106	70	196
ABCH01012	48	1 1/2"	22,5 x 2,5	107	75	239
ABCH02000	60	2"	25,5 x 2,5	126	90	290
ABCH02012	75	2 1/2"	26,0 x 3,0	156	110	385
ABCH03000	90	3"	26,0 x 3,0	169	115	484
ABCH04000	115	4"	30,0 x 4,0	200	15	673
ABCH05000	140	5"	32,0 x 4,5	231	200	913
ABCH06000	160	6"	36,5 x 4,5	260	225	1194
ABCH08000	220	8"	42,5 x 4,5	329	280	1836
ABCH10000	275	10"	44,5 x 6,0	381	360	2671
ABCH12000	325	12"	50,0 x 6,0	457	410	3608
ABCH14000	355	14"	50,0 x 6,0	514	465	4296
ABCH16000	405	16"	64,0 x 6,0	560	520	5572

AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert



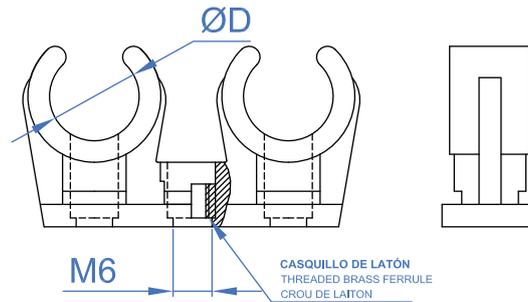
AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUM 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	-	Carril 20/10	10
ABIN035	35	-	Carril 20/10	10

AB-ID

Double nylon pipe clip (polyamide 6.6) with M6 threaded brass insert



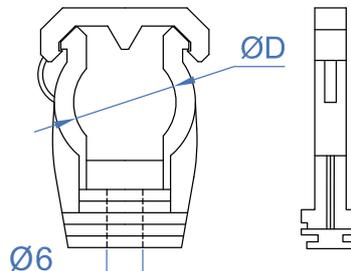
AB-ID

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

Closed polypropilene pipe clip with pre-thread M6



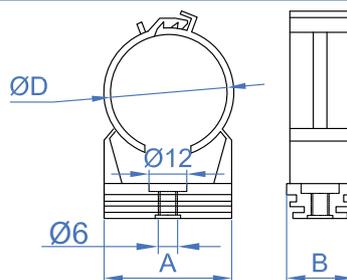
AB-GU

Closed polypropilene pipe clip, with pre-thread M6. Grey

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



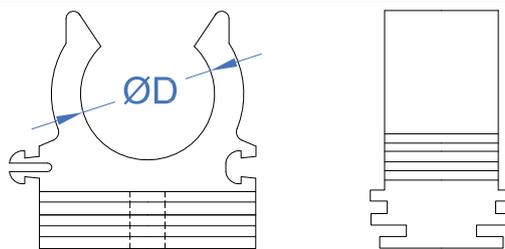
AB-MUG

Multiuse pipe clip

CODE	ØD(MM)	Ød(*)	A X B	SUITABLE FOR	MAXIMUM LOAD
ABMUG12	12	-	17 x 20	20/10 27/18 28/30	40
ABMUG15	15	-	21 x 20	20/10 27/18 28/30	40
ABMUG18	18	-	25 x 20	20/10 27/18 28/30	40
ABMUG22	22	-	30 x 20	20/10 27/18 28/30	40
ABMUG26	26	-	33 x 20	20/10 27/18 28/30	40
ABMUG32	32	-	38 x 20	20/10 27/18 28/30	40
ABMUG40	40	-	46 x 20	20/10 27/18 28/30	40
ABMUG48	42	-	56 x 20	20/10 27/18 28/30	40

AB-PR

Duty pipe clamp with pre-thread M6



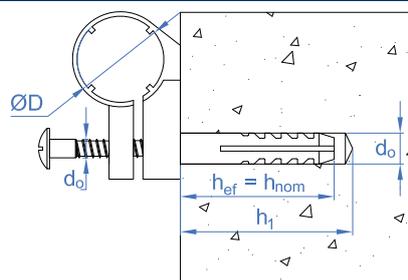
AB-PR

Grey

CODE	ØD(MM)	Ød(*)	SUITABLE FOR	MAXIMUM LOAD
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 + plug. Single



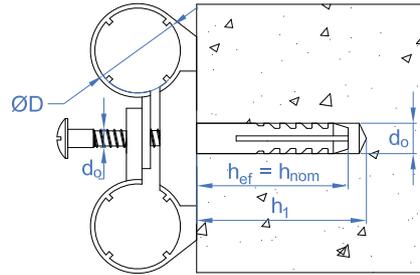
AB-MS

Multitube clamp + plug. Single

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	6,5x60

AB-MD

Multitube clamp + plug. Double



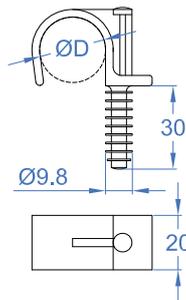
AB-MD

Multitube clamp + plug. Double

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	4,5x50
ABMD14	14	8	60	30	16	12	4,5x50
ABMD16	16	8	60	30	16	12	4,5x50
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

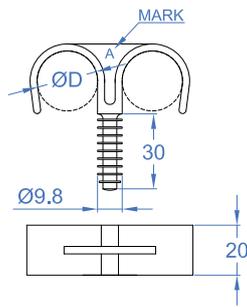
INDEXring tube fixing plug



AB-TS

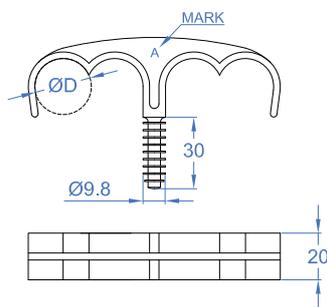
Simple

CODE	ØD(MM)	ØD(")	MAXIMUM 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(")	MAXIMUM 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

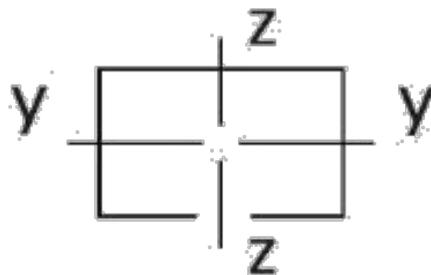
CODE	ØD(MM)	ØD(")	MAXIMUM LOAD
ABTC020	20 - 21	1/2"	30
ABTC025	25 - 26	3/4"	30

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
GPO351515		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		
SPZ384020	Cantilever 38 x 40 x 2,00 x 200		
SPZ384025	Cantilever 38 x 40 x 2,00 x 250		
SPZ384030	Cantilever 38 x 40 x 2,00 x 300		
SPZ384035	Cantilever 38 x 40 x 2,00 x 350		
SPZ384040	Cantilever 38 x 40 x 2,00 x 400		
SPZ384050	Cantilever 38 x 40 x 2,00 x 500		
SPZ384060	Cantilever 38 x 40 x 2,00 x 600		
SPV2718	Vertical support		
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	Fast nut-guide with washer	A	Z
TUGRA2706		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		A	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		A	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		
GPX412125	Channel 41 x 21 x 2,50		
GPX414115	Channel 41 x 41 x 1,50		
GPX414120	Channel 41 x 41 x 2,00		
GPX414125	Channel 41 x 41 x 2,50		
GPX2M412120	Channel 41 x 21 x 2,00		
GPX2M414120	Channel 41 x 41 x 2,00		
SPX412115	Cantilever 41 x 21 x 2,50 x 150		
SPX412130	Cantilever 41 x 21 x 2,50 x 300		
SPX412145	Cantilever 41 x 21 x 2,50 x 450		
SPX414115	Cantilever 41 x 41 x 2,50 x 150		
SPX414130	Cantilever 41 x 41 x 2,50 x 300		
SPX414145	Cantilever 41 x 41 x 2,50 x 450		
SPX414160	Cantilever 41 x 41 x 2,50 x 600		
SPX414175	Cantilever 41 x 41 x 2,50 x 750		
SPX414110	Cantilever 41 x 41 x 2,50 x 1000		
SPGH3840	Horizontal channel support	A	Z
PRX01	Adjustable support INDEXTUT	A	Z
SPRXH4121	Rectangular U base support INDEXTUT	A	Z
SPRXV4121		A	Z
SPUX412100	Support U base INDEXTUT	A	Z
SPUX412145		A	Z
ABGX4121	Channel clamp INDEXTUT	A	Z
EMPX4121	Connecting piece for prof INDEXTUT	A	Z
RESX300	Reinforcement support INDEXTUT	A	Z
RESX550		A	Z
RTX01	Rotule INDEXTUT	A	Z
EMX9002	Zinc- plated fixing plates INDEXTUT	A	Z
EMX9004		A	Z
EMX4502		A	Z
EMX1302	Profile bridges INDEXTUT	A	Z
PGX4121		A	Z
PGX4141		A	Z
UNEX412103	Angled brackets/plate T shaped INDEXTUT	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 INDEXTUT	A	Z
TUGXMU10		A	Z
TGX0840	Profile buffer screws INDEXTUT	A	Z
TGX0860		A	Z
TGX1040		A	Z
TGX1060		A	Z
TURX08	Nut quick fixation INDEXTUT	A	Z
TURX10		A	Z
TURX12		A	Z
TURXA08	Nut INDEXTUT with washer for quick fixation	A	Z
TURXA10		A	Z
TGRX0830	INDEXTUT 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

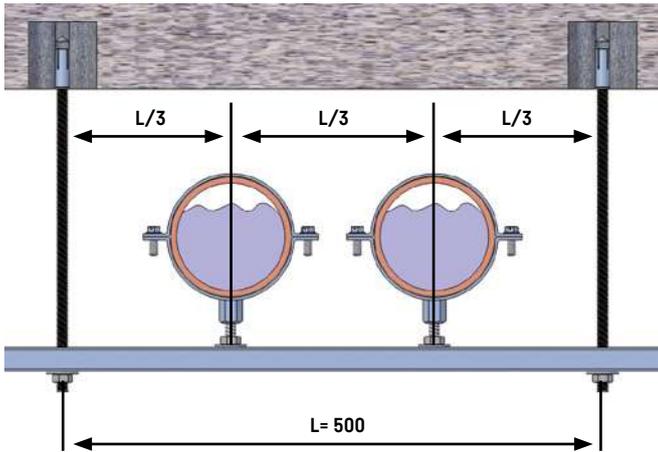


CODE	SECTION	WEIGHT	AREA	MOMENT OF INERTIA (I _y)	MOMENT OF INERTIA (I _z)	RESISTANT MODULE (W _y)	RESISTANT MODULE (W _z)
	[mm x mm]	[Kg/m]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ³]	[cm ³]
GPZ201010	20 x 10	0.31	0.44	0.06	0.25	0.10	0.25
GPZ250808	25 x 8	0.26	0.35	0.03	0.30	0.06	0.24
GPG271812	27 x 18	0.66	0.84	0.37	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

ADMISIBLE RESISTANCES AND LOADS FOR SUPPORT CHANNELS

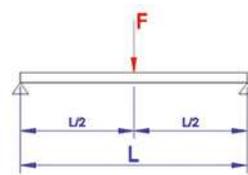
*Values calculated without surpassing admissible tension $\sigma_{adm} = 16 \text{ N/mm}^2$ nor a maximum arrow of $L/200$.
For cases not included in these calculations, consult with INDEX Fixing Systems' Technical Department.

CALCULATION EXAMPLE



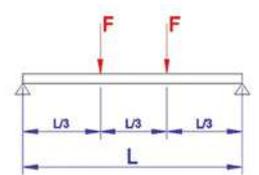
Slotted channel GPG3840 with length between supports (L) of 500 mm., with 2 centered punctual loads (case 2)

CASE 1



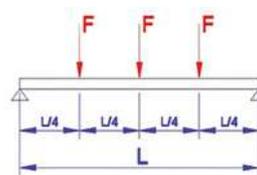
Punctual load in the centre

CASE 2



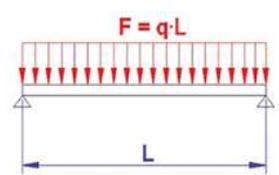
Two punctual loads in $L/3$

CASE 3

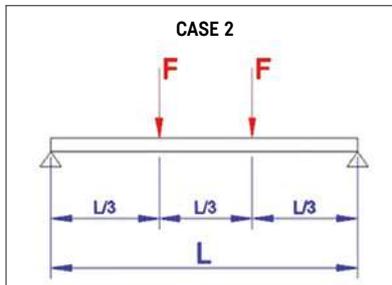


Three punctual loads in $L/4$

CASE 4



Uniform load

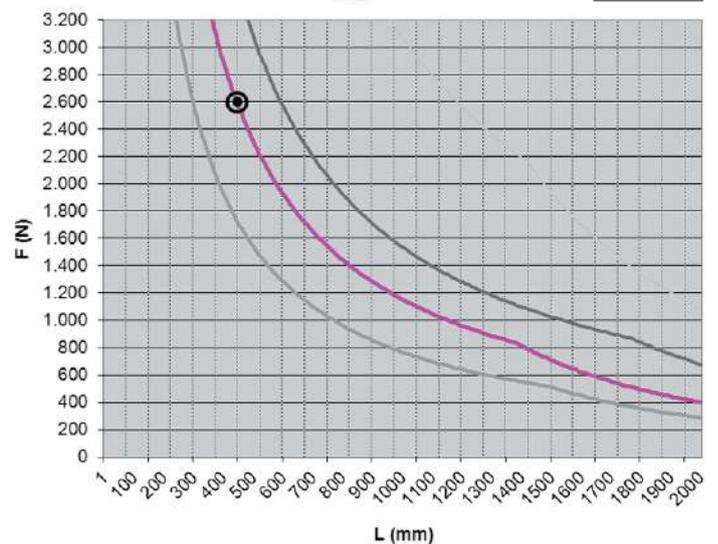


For the $L=500$ value and for the support system GPG3840, we get a resistance value of $2600 \text{ N} \approx 260 \text{ kg}$



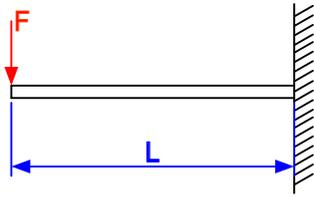
Strut channel
28 / 30

—	C. 1
—	C. 2
—	C. 3
—	C. 4



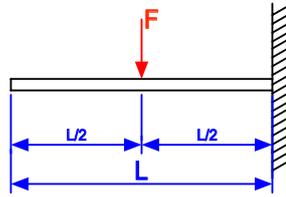
CHANNEL CANTILEVER ARMS

CASE 1



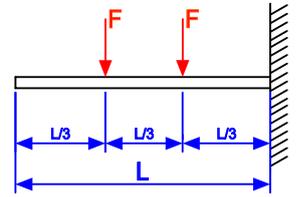
Punctual load in the edge

CASE 2



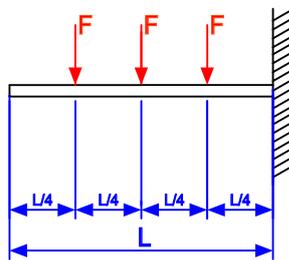
Punctual load in the centre

CASE 3



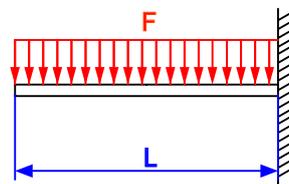
Two punctual loads in L/3

CASE 4



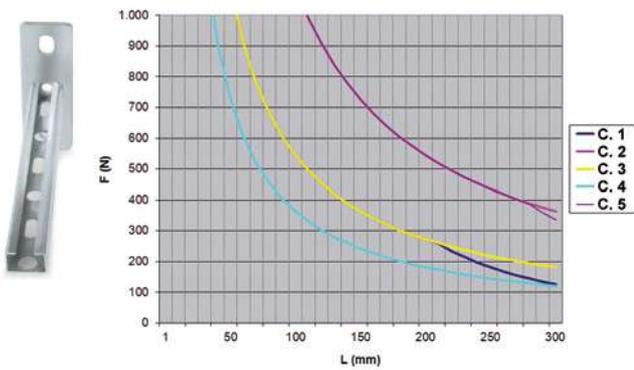
Three punctual loads in L/4

CASE 5

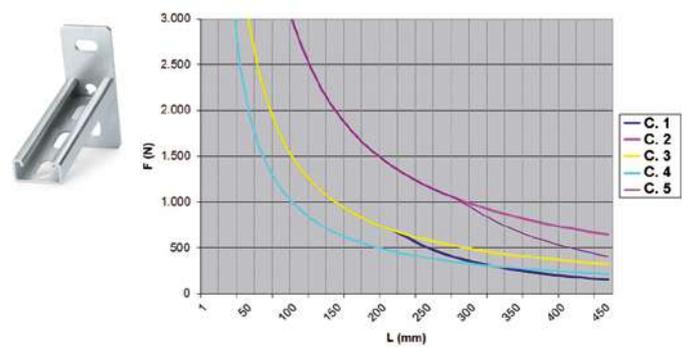


Uniform load

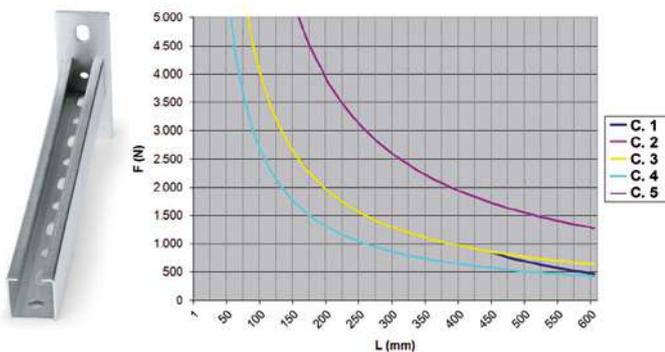
Channel cantilever arm 27 / 18



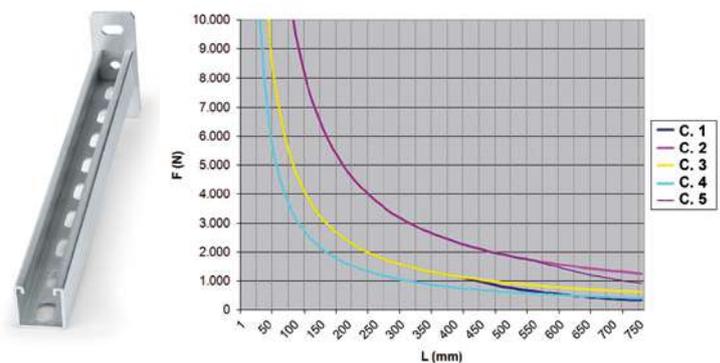
Channel cantilever arm 41 / 21



Channel cantilever arm 38 / 40

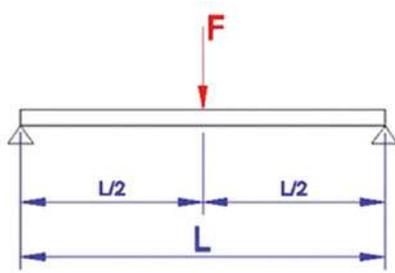


Channel cantilever arm 41 / 41



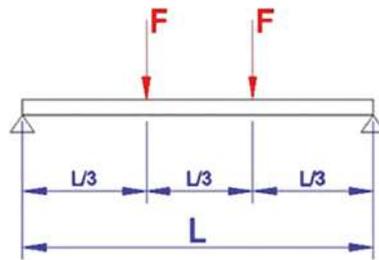
STRUD CHANNELS

CASE 1



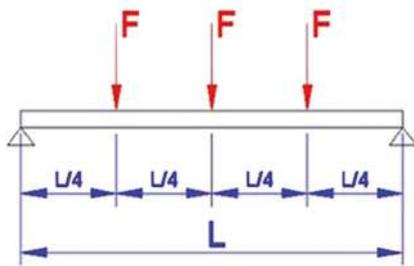
Punctual load in the centre

CASE 2



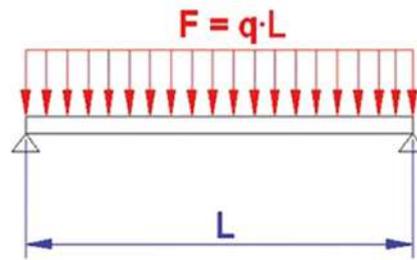
Two punctual loads in L/3

CASE 3

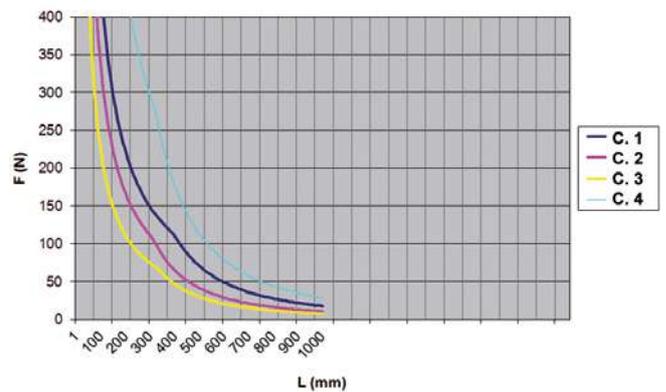
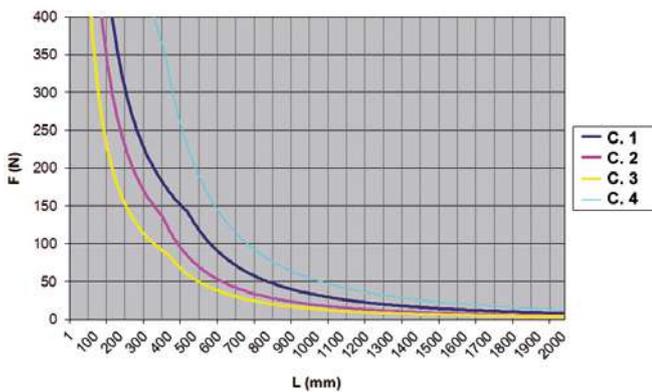


Three punctual loads in L/4

CASE 4

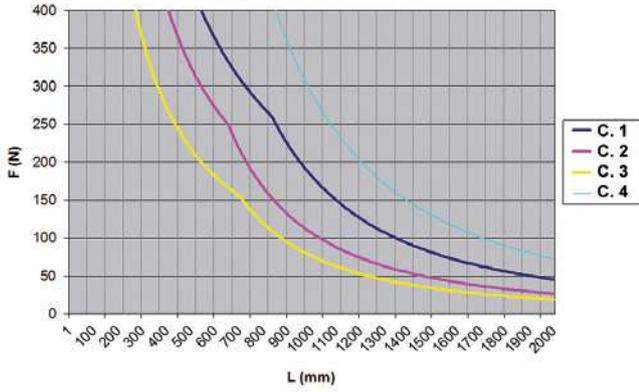


Uniform load

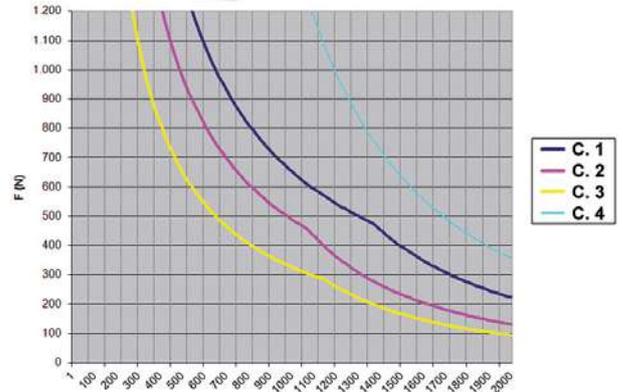




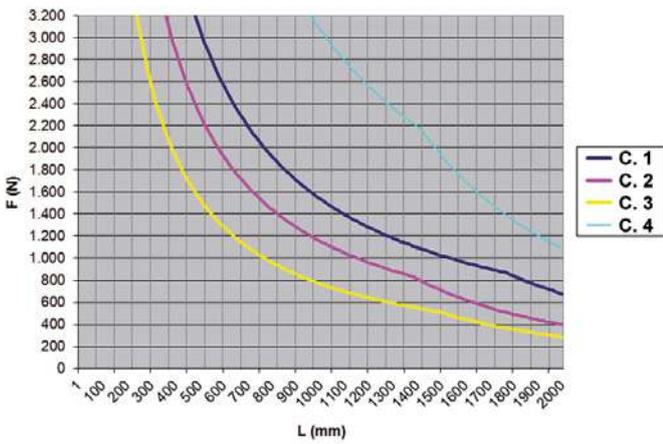
Strut channel
27 / 18



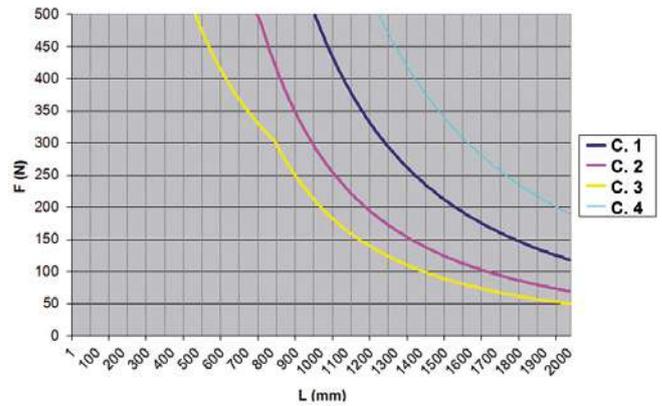
Strut channel
28 / 30



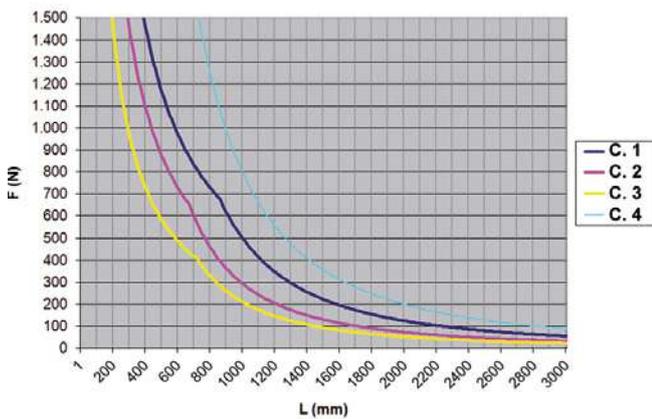
Strut channel
38 / 40



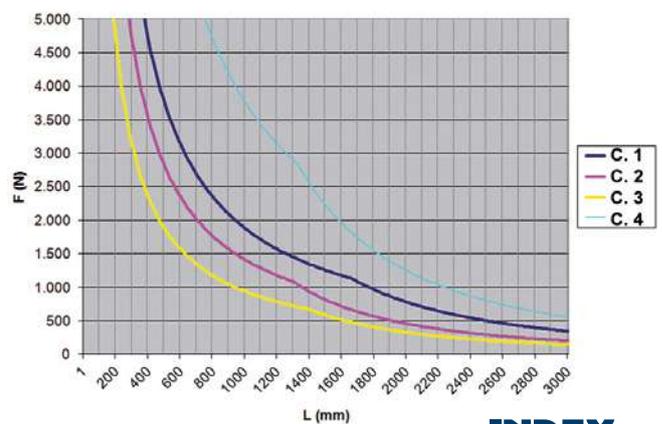
Strut channel
40 / 20



Strut channel
41 / 21

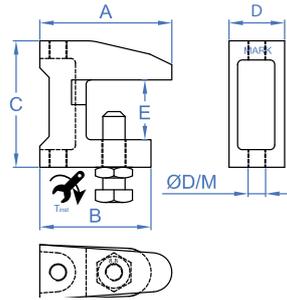


Strut channel
41 / 41



SU

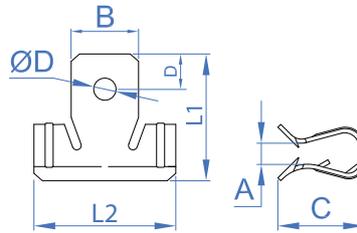
Quick beam attachment system



SU-MO

Beam clamp

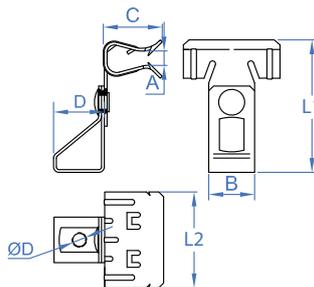
CODE	A	B	C	D	E	TORQUE (NM)	INSTALLATION KEY (SW)	ØD (MM)	SCREW SIZE
SUMOP09	38	35	37	18	20	10	13	PASANTE Ø9	M8 x 35
SUMOP11	44	41	42	21	20	15	17	PASANTE Ø11	M10 x 40
SUMOP13	58	48	54	24	25	15	17	PASANTE Ø13	M10 x 50
SUMOM06	38	35	37	18	20	10	13	ROSCADO M6	M6 x 35
SUMOM08	38	35	37	18	20	10	13	ROSCADO M8	M8 x 35
SUMOM10	44	41	42	21	20	15	17	ROSCADO M10	M10 x 40
SUMOM12	58	48	54	24	25	15	17	ROSCADO M12	M10 x 50



SU-CL

Suspension clip

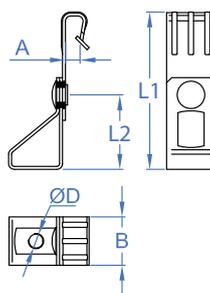
CODE	A	B	C	D	L1	L2	ØD (MM)
SUCL02	1,5 - 4	13	14	10	28	28	6.3
SUCL04	4 - 10	19	23	10	34	40	6.3
SUCL10	10 - 15	19	23	10	40	40	6.3
SUCL15	15 - 20	19	23	10	40	40	6.3



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

SU-AB

Beam clip for clamp

CODE	MAX. FIXTURE THICKNESS	MAX. BEAM WIDTH	ØD(MM)	H1	H3	SCREW SIZE
SUAB0603	3 - 7	36,5	M6	30	36,5	M6x9
SUAB0607	7 - 13	36,5	M6	36	36,5	M6x9
SUAB0614	14 - 20	36,5	M6	43	36,5	M6x9

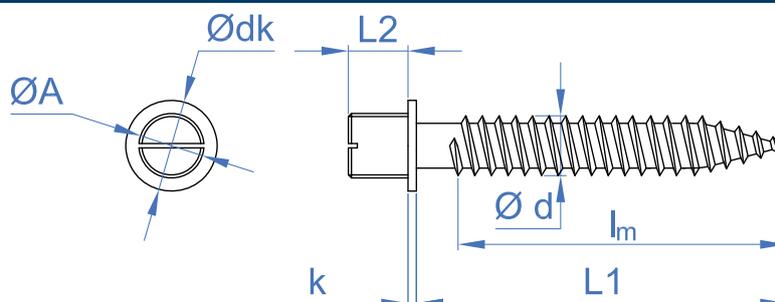
SU-CA

Beam clip for cable

CODE	MAX. FIXTURE THICKNESS	ØD(MM)	THICKNESS
SUCA0602	1 - 4	6-7	0,6
SUCA0604	4 - 7,5	6-7	0,6
SUCA0607	7,5 - 12	6-7	0,6
SUCA0802	1 - 4	8-9	0,6
SUCA0804	4 - 7,5	8-9	0,6
SUCA0807	7,5 - 12	8-9	0,6
SUCA1002	1 - 4	10-11	0,6
SUCA1004	4 - 7,5	10-11	0,6
SUCA1007	7,5 - 12	10-11	0,6
SUCA1202	1 - 4	12-14	0,6
SUCA1204	4 - 7,5	12-14	0,6
SUCA1207	7,5 - 12	12-14	0,6
SUCA1502	1 - 4	15-18	0,6
SUCA1504	4 - 7,5	15-18	0,6
SUCA1507	7,5 - 12	15-18	0,6
SUCA1902	1 - 4	19-24	0,6
SUCA1904	4 - 7,5	19-24	0,6
SUCA1907	7,5 - 12	19-24	0,6
SUCA2502	1 - 4	25-30	0,6
SUCA2504	4 - 7,5	25-30	0,6
SUCA2507	7,5 - 12	25-30	0,6

TAG

Threaded screw clamp and staple



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	-
ABTA0740	M7	6	32	6	1	9,5	-
ABTA0750	M7	6	42	6	1	9,5	-

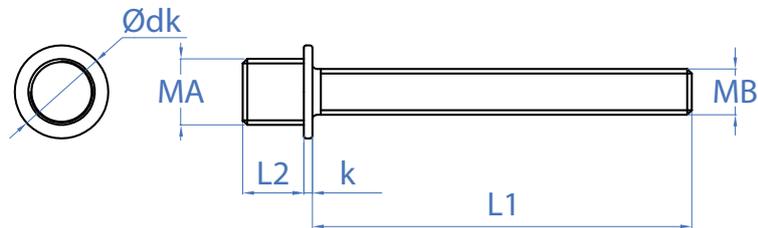
CODE	METRIC	ØD	L1	L2	K	ØDK	THREAD LENGTH
ABTA0760	M7	6	52	6	1	9,5	-
ABTA0770	M7	6	62	6	1	9,5	-
ABTA0780	M7	6	72	6	1	9,5	-
ABTA0840	M8	6	40	7,5	1,4	8,5	40
ABTA0860	M8	6	60	7,5	1,4	8,5	60
ABTA0880	M8	6	80	7,5	1,4	8,5	45
ABTA1050	M10	8	50	9	1,7	12	50
ABTA1070	M10	8	70	9	1,7	12	45
ABTA1090	M10	8	90	9	1,7	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

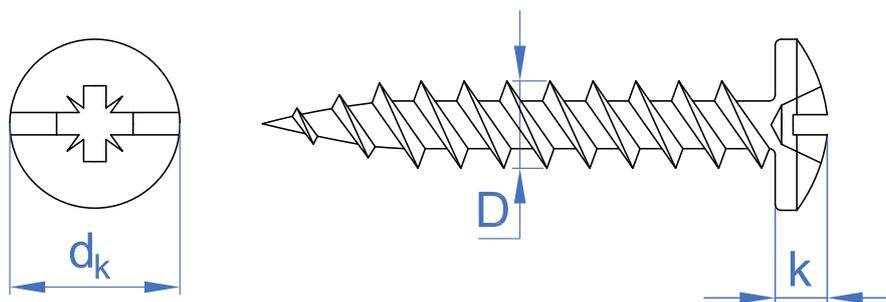
AB-TA A2 A2 Stainless steel

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

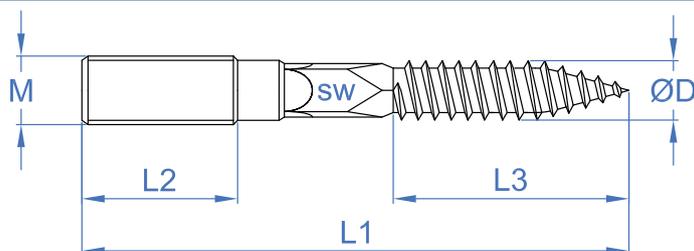


AB-TG Threaded screws for clips

CODE	LENGTH	INSTALLATION KEY	ØDK	K	ØD(MM)ØD
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

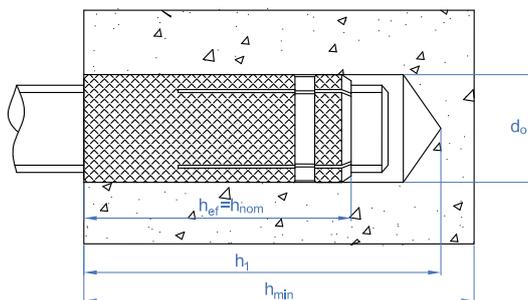
ES-DA2

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

TALA

Brass expansion anchor for light fastenings in solid materials



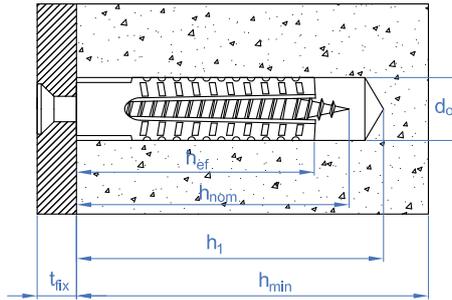
TALA

Brass expansion anchor for light fixings in solid materials

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE
TALA532	W5/32	5	20	25	24	48	60
TALAM04	M4	5	20	25	24	48	60
TALAM05	M5	6	22	30	27	54	70
TALAM06	M6	8	28	35	35	69	100
TALAM08	M8	10	33	40	42	84	150
TALAM10	M10	12	40	45	51	102	210
TALAM12	M12	15	45	50	57	114	320

TA-ME

Steel expansion plug



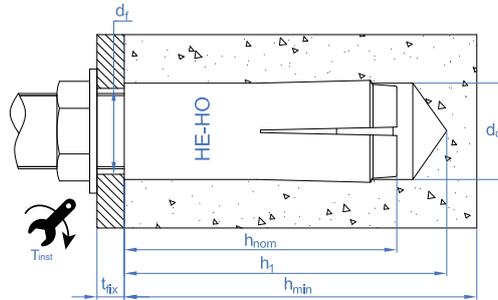
TA-ME

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	5	40	60	120	60	20
TAME06032	M6	6	40	60	120	60	22
TAME08038	M8	8	50	70	140	70	40
TAME08060	M8	8	70	120	240	120	47
TAME10060	M10	10	70	120	240	120	52

HE

Drop-in anchor with internal thread for heavy loads



HE-HO

Zinc-plated. Opt.7 ETA Assessed & for non-structural applications

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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	249	298
HEHOM08	M8	10	33	30	11	9	100	105	60	327	392
HEHOM10	M10	12	43	40	17	12	100	140	80	432	530
HEHOM12	M12	15	54	50	38	14	100	175	100	603	844
HEHOM16	M16	20	70	65	60	18	130	230	130	894	1893
HEHOM20	M20	25	86	80	100	22	160	280	160	1220	2767
HEHOM12D	M12	16	54	50	38	14	100	175	100	603	844

HE-A4

A4 Stainless steel. ETA Assessed for non-structural applications

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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	80	150	200	87	87
HEA4M08	M8	10	33	30	11	9	80	150	200	121	121
HEA4M10	M10	12	43	40	17	12	80	150	200	121	121
HEA4M12	M12	15	54	50	38	14	100	150	200	225	225
HEA4M16	M16	20	70	65	60	18	130	195	260	433	433
HEA4M20	M20	25	86	80	100	22	160	240	320	572	572

HE-CL

With collar. Zinc-plated. Opt.7 ETA Assessed & for non-structural applications

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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	249	298
HECLOM08	M8	10	33	30	11	9	100	105	90	327	392
HECLOM10	M10	12	43	40	17	12	100	140	80	432	530
HECLOM12	M12	15	54	50	38	14	100	175	100	603	844
HECLOM16	M16	20	70	65	60	18	130	230	130	894	1893
HECLOM12D	M12	16	54	50	38	14	100	175	160	603	844

HE-C4

With collar. A4 Stainless steel. ETA Assessed for non-structural applications

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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
HEC4M06	M6	8	27	25	4	7	80	150	200	87	87
HEC4M08	M8	10	33	30	11	9	80	150	200	121	121
HEC4M10	M10	12	43	40	17	12	80	150	200	121	121
HEC4M12	M12	15	54	50	38	14	100	150	200	225	225

HE-HC

Short. Zinc-plated. ETA Assessed for non-structural applications

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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
HEHCM08	M8 x 25	10	28	25	11	9	80	60	75	101	101
HEHCM10	M10 x 25	12	28	25	17	12	80	60	75	162	162
HEHCM12	M12 x 25	15	29	25	38	14	80	60	75	162	162

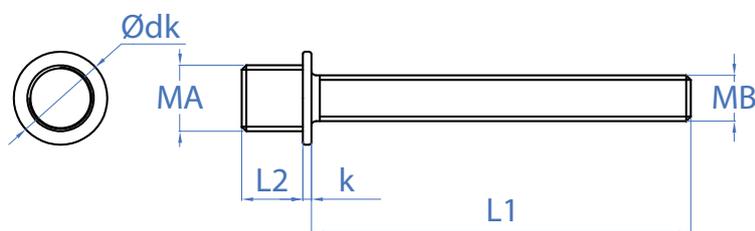
HE-NO

Zinc-plated

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	ϕ 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	298
HENOM08	M8	10	33	30	11	9	100	105	90	230	392
HENOM10	M10	12	43	40	17	12	100	140	80	354	530
HENOM12	M12	15	54	50	38	14	100	175	100	494	844
HENOM16	M16	20	70	65	60	18	130	230	130	733	1893
HENOM20	M20	25	86	80	100	22	160	280	160	1000	2767

TAG

Threaded screw clamp and staple



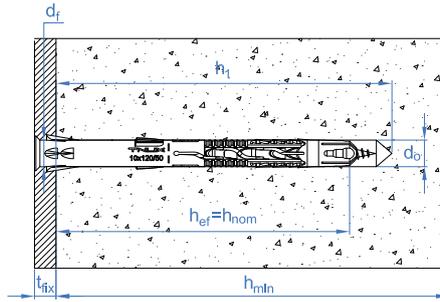
AB-TR

Threaded screw for clamps

CODE	METRIC	L1	L2	K	ϕ DK
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

T-NUX

Universal high performance nylon plug



T-NUX A

Countersunk head. Zinc-plated. 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	10	8	70	50	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	10	70	50	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. 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. Zinc-plated. 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	10	8	70	50	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	10	70	50	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. 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. Zinc-plated. 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	70	50	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

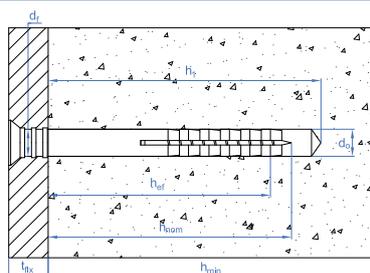
T-FUX E

Cylindrical head wall plug. Hexagonal head screw. Zinc-plated. 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

TC

Polyamide 6.6 Hammerfix plug. Preassembled saw-tooth screw



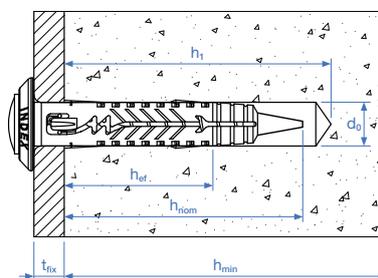
TC-CA

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	13	20	3
TCCA05030	5 x 30	5	5	30	PZ2	13	20	3
TCCA05035	5 x 35	10	5	30	PZ2	13	20	3
TCCA05050	5 x 50	25	5	30	PZ2	13	20	3
TCCA06035	6 x 35	10	6	35	PZ2	18	26	4
TCCA06040	6 x 40	10	6	35	PZ2	18	26	4
TCCA06050	6 x 50	20	6	35	PZ2	18	26	4
TCCA06060	6 x 60	30	6	35	PZ2	18	26	4
TCCA06070	6 x 70	40	6	35	PZ2	18	26	4
TCCA06080	6 x 80	50	6	35	PZ2	18	26	4
TCCA08060	8 x 60	20	8	45	PZ3	29	30	7
TCCA08080	8 x 80	40	8	45	PZ3	29	30	7
TCCA08100	8 x 100	60	8	45	PZ3	29	30	7
TCCA08120	8 x 120	80	8	45	PZ3	29	30	7
TCCA08140	8 x 135	100	8	45	PZ3	29	30	7

TC-SP

High expansion hammerfix plug



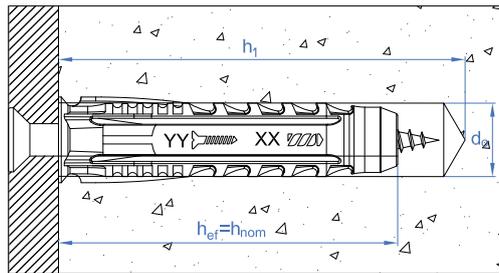
TC-SP

With countersunk head

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL Ø	HOLE DEPTH MIN.	N° RECESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK
TCSP05027	5 x 27	5	5	25		17	5
TCSP06032	6 x 32	5	6	30		26	7
TCSP06040	6 x 40	10	6	30		26	7

TN4S

4-way expansion plug for all materials



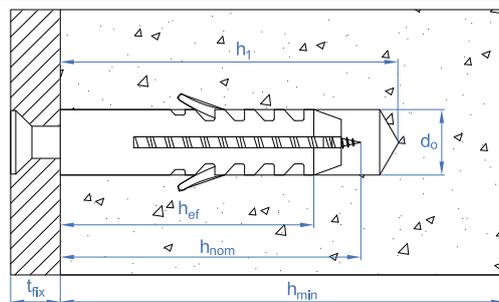
TN4S

Plug

CODE	MXL	DRILL ϕ	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

TACON

Nylon plug

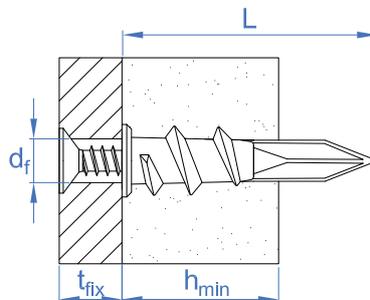


TACON/TACOL/TACOLA Plug

CODE	MXL	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	SCREW SIZE
TACON04	4 x 20	4	25	20	30	6	4	TPPO 2,5-3
TACON05/TACOL05/	5 x 25	5	35	25	40	7	5	TPPO 2,5-4
TACON06/TACOL06/TACOLA06	6 x 30	6	40	30	45	10	5	TPPO 3,5-4
TACON07	7 x 30	7	45	30	45	11	6	TPPO 4-4,5
TACON08/TACOL08	8 x 40	8	50	40	55	12	11	TPPO 4,5, TB 5-6
TACON10/TACOL10	10 x 50	10	60	50	70	61	16	TB 6-8
TACON12/TACOL12	12 x 60	12	70	60	80	76	28	TB 8-10
TACON14	14 x 70	14	80	70	95	167	88	TB 10-12
TACON16	16 x 80	16	90	80	100	240	100	TB 12-14

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

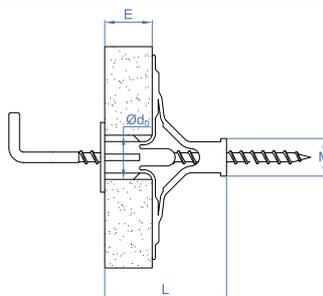
TAPLA ZK

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

ANCLA

Nylon plug for hollow bricks and plasterboard



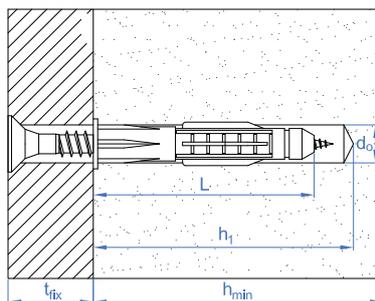
ANCLA

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	10	5
ANCLA47	10 x 47	10	15-19	10	5

MEDU

Universal plug with collar and knot-like form



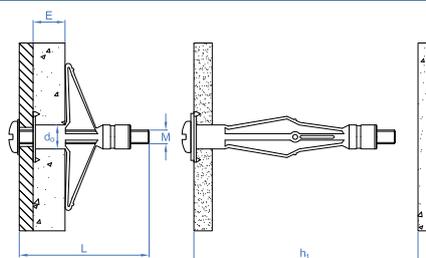
MEDU

Polypropylene

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK
MEDUB06	6 x 35	6	45	65	8	5	4
MEDUB07	8 x 42	8	50	70	12	5	4
MEDUB08	8 x 50	8	60	80	24	5	4
MEDUB10	10 x 60	10	75	95	70	7	5

IN

Indemoll anchor for hollow elements fixing



IN-CO

With panhead screw

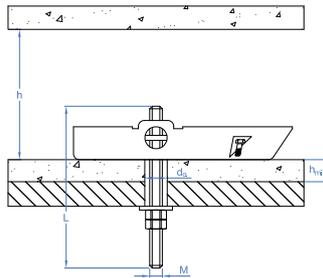
CODE	MXL	DRILL Ø	MINIMUM CAVITY "H"	MIN. SUBSTRATE THICKNESS	MAX. FIXTURE THICKNESS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
INCO421	M4 x 30	8	30	1-5	17 -h _{min}	20	20
INCO432	M4 x 41	8	41	3-10	22 -h _{min}	20	20
INCO438	M4 x 47	8	47	9-16	30 -h _{min}	20	20
INCO446	M4 x 53	8	53	15-22	33 -h _{min}	20	20

CODE	MXL	DRILL ϕ	MINIMUM CAVITY "H"	MIN. SUBSTRATE THICKNESS	MAX. FIXTURE THICKNESS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
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 ϕ	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

BA-NO Gravity toggle for fixing lightweight in ceilings



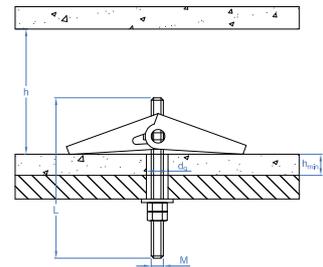
BA-ES Projecting bolt

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED \leq	DRILL ϕ	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 \leq	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
BAGAM04	M4 x 77	74	14	70	10	5	5
BAGAM05	M5 x 80	72	14	70	12	5	5
BAGAM06	M6 x 87	68	16	75	13	6	6
BAGAM08	M8 x 95	60	20	85	14	6	6

PA-LO Spring toggle



PA-ES Projecting bolt

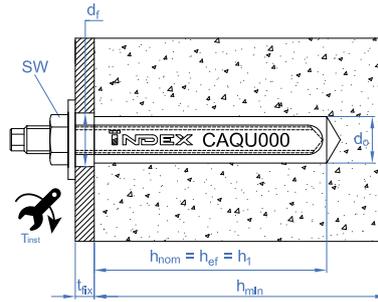
CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED \leq	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
PAESM04	M4 x 100	75	12	26	10	5	5
PAESM05	M5 x 100	70	15	33	12	5	5
PAESM06	M6 x 100	66	18	37	13	6	6
PAESM08	M8 x 100	61	22	54	14	6	6

PA-GA Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED \leq	DRILL ϕ	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
PAGAM04	M4 x 55	75	12	26	10	5	5
PAGAM05	M5 x 65	70	15	33	12	5	5
PAGAM06	M6 x 80	66	18	37	13	6	6
PAGAM08	M8 x 85	61	22	54	14	6	6

CA-QU

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



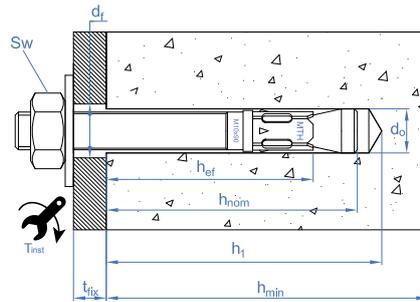
CA-QU

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 Ø9 / 17	17	10	80	80	13	10	9	110	120	240	809	524
CAQU010	10 Ø11 / 25	25	12	90	90	17	20	12	120	90	180	1214	815
CAQU012	12 Ø13 / 32	32	14	110	110	19	40	14	140	110	220	1618	1223
CAQU016	16 Ø17 / 44	44	18	125	125	24	80	18	160	125	250	2023	2272
CAQU020	20 Ø22 / 66	66	25	170	170	30	120	22	220	170	340	3034	3553
CAQU024	24 Ø24 / 62	62	28	210	210	36	180	26	260	210	420	3641	5126
CAQU030	30 Ø33 / 22	22	35	280	280	46	400	33	360	280	560	5461	8496

MTH

Through bolt anchor for heavy loads in uncracked concrete



MTH

Opt.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)	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
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	494
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	63	126	650	650
AH10080	M10 x 80	13	10	60	54	17	35	D	12	100	63	126	650	650
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	844	844

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
AH12100	M12 x 100	8	12	85	77	19	60	E	14	130	75	150	1251	1200
AH12110	M12 x 110	18	12	85	77	19	60	F	14	130	98	195	1251	1200
AH12120	M12 x 120	28	12	85	77	19	60	G	14	130	98	195	1251	1200
AH12130	M12 x 130	38	12	85	77	19	60	H	14	130	98	195	1251	1200
AH12140	M12 x 140	48	12	85	77	19	60	H	14	130	98	195	1251	1200
AH12160	M12 x 160	68	12	85	77	19	60	J	14	130	98	195	1251	1200
AH12180	M12 x 180	88	12	85	77	19	60	L	14	130	98	195	1251	1200
AH12200	M12 x 200	108	12	85	77	19	60	M	14	130	98	195	1251	1200
AH12220	M12 x 220	128	12	85	77	19	60	O	14	130	98	195	1251	1200
AH12250	M12 x 250	158	12	85	77	19	60	Q	14	130	98	195	1251	1200
AH14120	M14 x 120	12	14	100	91	22	90	G	16	150	113	225	1551	1637
AH14145	M14 x 145	37	14	100	91	22	90	I	16	150	113	225	1551	1637
AH14170	M14 x 170	62	14	100	91	22	90	K	16	150	113	225	1551	1637
AH14220	M14 x 220	112	14	100	91	22	90	O	16	150	113	225	1551	1637
AH14250	M14 x 250	142	14	100	91	22	90	Q	16	150	113	225	1551	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
AH20170	M20 x 170	23	20	135	125	30	240	K	22	206	155	309	2496	3279
AH20220	M20 x 220	73	20	135	125	30	240	O	22	206	155	309	2496	3279
AH20270	M20 x 270	123	20	135	125	30	240	S	22	206	155	309	2496	3279

MTH-A4

Opt.7 ETA Assessed. A4 Stainless steel shaft. A4 Stainless steel 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	298	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	219	263
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	650
MIA410090	M10 x 90	10	10	75	67	17	35	E	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	561	673
MIA412090	M12 x 90	13	12	70	62	19	60	D	14	100	75	90	647	844
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	683	819
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	1190	2857
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

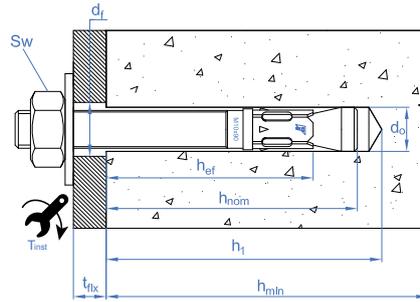
MTH-A2

Opt.7 ETA Assessed. A2 Stainless steel shaft. A2 Stainless steel 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
MIO6045	M6 x 45	1	6	40	35	10	7	A	7	100	40	75	298	287
MIO6060	M6 x 60	2	6	55	50	10	7	B	7	100	60	120	438	287
MIO6080	M6 x 80	22	6	55	50	10	7	D	7	100	60	120	438	287
MIO6120	M6 x 120	62	6	55	50	10	7	G	7	100	60	120	438	287
MIO6140	M6 x 140	82	6	55	50	10	7	I	7	100	60	120	438	287
MIO6160	M6 x 160	102	6	55	50	10	7	J	7	100	60	120	438	287
MIO6170	M6 x 170	112	6	55	50	10	7	K	7	100	60	120	438	287
MIO6180	M6 x 180	122	6	55	50	10	7	L	7	100	60	120	438	287
MIO8050	M8 x 50	4	8	40	35	13	20	A	9	100	40	75	219	263
MIO8075	M8 x 75	5	8	65	60	13	20	C	9	100	72	144	582	522
MIO8090	M8 x 90	20	8	65	60	13	20	E	9	100	72	144	582	522
MIO8115	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	650
MI10090	M10 x 90	10	10	75	67	17	35	E	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	561	672
MI12090	M12 x 90	13	12	70	62	19	60	D	14	120	75	150	647	844
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	683	819
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	1190	2857
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

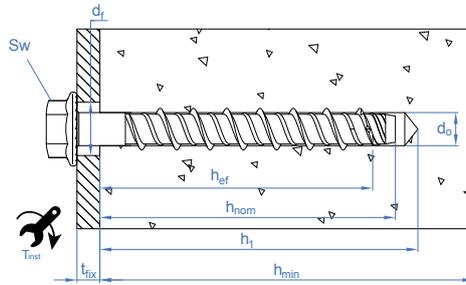
Zinc-plated shaft. Zinc-plated clip

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	298	297
AM06055	M6 x 55	11	6	40	35	10	7	7	100	40	75	298	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	263	263
AM08060	M8 x 60	3	8	50	47	13	20	9	100	53	105	485	494
AM08065	M8 x 65	8	8	50	47	13	20	9	100	53	105	485	494
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	604	604
AM10070	M10 x 70	3	10	60	54	17	35	12	100	63	125	650	650
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	673	673
AM12080	M12 x 80	3	12	70	62	19	60	14	100	75	150	844	844
AM12090	M12 x 90	13	12	70	62	19	60	14	100	75	150	844	844
AM12100	M12 x 100	8	12	85	77	19	60	14	130	98	195	1251	1200
AM12110	M12 x 110	18	12	85	77	19	60	14	130	98	195	1251	1200
AM12120	M12 x 120	28	12	85	77	19	60	14	130	98	195	1251	1200
AM12140	M12 x 140	48	12	85	77	19	60	14	130	98	195	1251	1200
AM12160	M12 x 160	68	12	85	77	19	60	14	130	98	195	1251	1200
AM12180	M12 x 180	88	12	85	77	19	60	14	130	98	195	1251	1200
AM12220	M12 x 220	128	12	85	77	19	60	14	130	98	195	1251	1200
AM12250	M12 x 250	158	12	85	77	19	60	14	130	98	195	1251	1200
AM14080	M14 x 80	5	14	65	59	22	90	16	100	65	130	650	650
AM14100	M14 x 100	5	14	85	69	22	90	16	125	95	190	1166	1637
AM14120	M14 x 120	12	14	100	91	22	90	16	150	113	225	1551	1637
AM14145	M14 x 145	37	14	100	91	22	90	16	150	113	225	1551	1637
AM14170	M14 x 170	62	14	100	91	22	90	16	150	113	225	1551	1637
AM14220	M14 x 220	112	14	100	91	22	90	16	150	113	225	1551	1637
AM14250	M14 x 250	142	14	100	91	22	90	16	150	113	225	1551	1637
AM16090	M16 x 90	4	16	75	69	24	120	18	100	75	150	819	819
AM16110	M16 x 110	7	16	75	69	24	120	18	100	75	150	1838	2237
AM16125	M16 x 125	3	16	110	104	24	120	18	168	126	252	1838	2237
AM16145	M16 x 145	23	16	110	104	24	120	18	168	126	252	1838	2237
AM16170	M16 x 170	48	16	110	104	24	120	18	168	126	252	1838	2237
AM16220	M16 x 220	98	16	110	104	24	120	18	168	126	252	1838	2237
AM16250	M16 x 250	128	16	110	104	24	120	18	168	126	252	1838	2237

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
AM16280	M16 x 280	158	16	110	104	24	120	18	168	126	252	1838	2237
AM20120	M20 x 120	5	20	105	93	30	240	22	145	110	225	1429	2857
AM20170	M20 x 170	23	20	135	125	30	240	22	206	155	309	2496	3279
AM20220	M20 x 220	73	20	135	125	30	240	22	206	155	309	2496	3279
AM20270	M20 x 270	123	20	135	125	30	240	22	206	155	309	2496	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



THE

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

CODE	MXL	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	40	5	45	80	8	35	5	8	40	80	8	326	326	228	228
THE05050	Ø5 x 50	50	5	55	80	8	45	5	8	53	105	8	494	398	346	346
THE05060	Ø5 x 60	60	5	55	80	8	45	15	8	53	105	8	494	398	346	346
THE05080	Ø5 x 80	80	5	55	80	8	45	35	8	53	105	8	494	398	346	346
THE05100	Ø5 x 100	100	5	55	80	8	45	55	8	53	105	8	494	398	346	346
THE06040	Ø6 x 40	40	6	45	100	9	35	5	10	39	78	10	202	608	185	454
THE06050	Ø6 x 50	50	6	45	100	9	35	15	10	39	78	10	202	608	185	454
THE06060	Ø6 x 60	60	6	65	100	9	55	5	10	65	129	10	673	608	471	542
THE06070	Ø6 x 70	70	6	65	100	9	55	15	10	65	129	10	673	608	471	542
THE06080	Ø6 x 80	80	6	65	100	9	55	25	10	65	129	10	673	608	471	542
THE06100	Ø6 x 100	100	6	65	100	9	55	45	10	65	129	10	673	608	471	542
THE06120	Ø6 x 120	120	6	65	100	9	55	65	10	65	129	10	673	608	471	542
THE08055	Ø8 x 55	55	8	60	100	12	50	5	20	57	113	13	457	950	320	691
THE08060	Ø8 x 60	60	8	60	100	12	50	10	20	57	113	13	457	950	320	691
THE08070	Ø8 x 70	70	8	75	100	12	65	5	20	76	152	13	857	950	600	762
THE08080	Ø8 x 80	80	8	75	100	12	65	15	20	76	152	13	857	950	600	762
THE08090	Ø8 x 90	90	8	75	100	12	65	25	20	76	152	13	857	950	600	762
THE08100	Ø8 x 100	100	8	75	100	12	65	35	20	76	152	13	857	950	600	762
THE08110	Ø8 x 110	110	8	75	100	12	65	45	20	76	152	13	857	950	600	762
THE08120	Ø8 x 120	120	8	75	100	12	65	55	20	76	152	13	857	950	600	762
THE08140	Ø8 x 140	140	8	75	100	12	65	75	20	76	152	13	857	950	600	762
THE10060	Ø10 x 60	60	10	65	100	14	55	5	30	63	125	15	638	1245	447	871
THE10070	Ø10 x 70	70	10	65	100	14	55	15	30	63	125	15	638	1245	447	871
THE10080	Ø10 x 80	80	10	65	100	14	55	25	30	63	125	15	638	1245	447	871
THE10090	Ø10 x 90	90	10	95	135	14	85	5	30	101	201	15	1310	1330	917	1330
THE10100	Ø10 x 100	100	10	95	135	14	85	15	30	101	201	15	1310	1330	917	1330
THE10120	Ø10 x 120	120	10	95	135	14	85	35	30	101	201	15	1310	1330	917	1330
THE10140	Ø10 x 140	140	10	95	135	14	85	55	30	101	201	15	1310	1330	917	1330
THE12080	Ø12 x 80	80	12	90	120	16	75	5	50	87	174	18	1055	1808	738	1720
THE12090	Ø12 x 90	90	12	90	120	16	75	15	50	87	174	18	1055	1808	738	1720
THE12110	Ø12 x 110	110	12	120	170	16	105	5	50	126	251	18	1822	1808	1275	1808
THE12130	Ø12 x 130	130	12	120	170	16	105	25	50	126	251	18	1822	1808	1275	1808
THE12150	Ø12 x 150	150	12	120	170	16	105	45	50	126	251	18	1822	1808	1275	1808
THE14080	Ø14 x 80	80	14	90	120	18	75	5	70	87	174	21	1055	2559	738	1883
THE14100	Ø14 x 100	100	14	90	120	18	75	25	70	87	174	21	1055	2559	738	1883
THE14120	Ø14 x 120	120	14	130	185	18	115	5	70	138	276	21	2107	2559	1475	2559
THE14130	Ø14 x 130	130	14	130	185	18	115	15	70	138	276	21	2107	2559	1475	2559
THE14140	Ø14 x 140	140	14	130	185	18	115	25	70	138	276	21	2107	2559	1475	2559
THE14160	Ø14 x 160	160	14	130	185	18	115	45	70	138	276	21	2107	2559	1475	2559
THE18100	Ø18 x 100	100	18	110	140	22	90	10	90	105	209	24	1384	3680	968	2576
THE18130	Ø18 x 130	130	18	110	140	22	90	40	90	105	209	24	1384	3680	968	2576
THE18160	Ø18 x 160	160	18	160	225	22	140	20	90	168	336	24	2830	3921	1981	3921
THE18180	Ø18 x 180	180	18	160	225	22	140	40	90	168	336	24	2830	3921	1981	3921
THE18200	Ø18 x 200	200	18	160	225	22	140	60	90	168	336	24	2830	3921	1981	3921

THA

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

CODE	MXL	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	40	5	45	80	8	35	5	8	40	80	TX25	326	326	228	228
THA05060	Ø5 x 60	60	5	55	80	8	45	15	8	53	105	TX25	494	398	346	346
THA05080	Ø5 x 80	80	5	55	80	8	45	35	8	53	105	TX25	494	398	346	346
THA05100	Ø5 x 100	100	5	55	80	8	45	55	8	53	105	TX25	494	398	346	346
THA06045	Ø6 x 45	45	6	45	100	9	35	10	10	39	78	TX30	202	608	185	454

CODE	MXL	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM) 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
THA06050	Ø6 x 50	50	6	45	100	9	35	15	10	39	78	TX30	202	608	185	454
THA06060	Ø6 x 60	60	6	65	100	9	55	5	10	65	129	TX30	673	608	471	542
THA06080	Ø6 x 80	80	6	65	100	9	55	25	10	65	129	TX30	673	608	471	542
THA06120	Ø6 x 120	120	6	65	100	9	55	65	10	65	129	TX30	673	608	471	542
THA06140	Ø6 x 140	140	6	65	100	9	55	85	10	65	129	TX30	673	608	471	542
THA08060	Ø8 x 60	60	8	60	100	12	50	10	20	57	113	TX45	457	950	320	691
THA08080	Ø8 x 80	80	8	75	100	12	65	15	20	76	152	TX45	857	950	600	762
THA08100	Ø8 x 100	100	8	75	100	12	65	35	20	76	152	TX45	857	950	600	762
THA08120	Ø8 x 120	120	8	75	100	12	65	55	20	76	152	TX45	857	950	600	762
THA10100	Ø10 x 100	100	10	95	135	14	85	15	30	101	201	TX50	1310	1330	600	762
THA10120	Ø10 x 120	120	10	95	135	14	85	35	30	101	201	TX50	1310	1330	600	762

THP Pan head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM) 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	40	5	45	80	8	35	5	8	40	80	TX30	326	326	228	228
THP05060	Ø5 x 60	60	5	65	80	8	55	15	8	53	105	TX30	494	398	346	346
THP06040	Ø6 x 40	40	6	45	100	9	35	5	10	39	78	TX40	202	608	185	454
THP06050	Ø6 x 50	50	6	45	100	9	35	15	10	39	78	TX40	202	608	185	454
THP06060	Ø6 x 60	60	6	65	100	9	55	5	10	65	129	TX40	673	608	471	542
THP06080	Ø6 x 80	80	6	65	100	9	55	25	10	65	129	TX40	673	608	471	542
THP06100	Ø6 x 100	100	6	65	100	9	55	45	10	65	129	TX40	673	608	471	542
THP08060	Ø8 x 60	60	8	60	100	12	50	10	20	57	113	TX45	457	950	320	691
THP08080	Ø8 x 80	80	8	75	100	12	65	15	20	76	152	TX45	857	950	600	762

THT Truss head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM) 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	40	6	45	100	9	35	5	10	39	78	TX30	202	608	185	454
THT06050	Ø6 x 50	50	6	45	100	9	35	15	10	39	78	TX30	202	608	185	454
THT06060	Ø6 x 60	60	6	65	100	9	55	5	10	65	129	TX30	673	608	471	542

TFE Hexagon head. Zinc-plated coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	MAX. FIXTURE THICKNESS	TORQUE (NM) 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	40	5	45	80	8	35	5	8	40	80	8	326	326	228	228
TFE05050	Ø5 x 50	50	5	55	80	8	45	5	8	53	105	8	494	398	346	346
TFE05060	Ø5 x 60	60	5	55	80	8	45	15	8	53	105	8	494	398	346	346
TFE05080	Ø5 x 80	80	5	55	80	8	45	35	8	53	105	8	494	398	346	346
TFE05100	Ø5 x 100	100	5	55	80	8	45	55	8	53	105	8	494	398	346	346
TFE06040	Ø6 x 40	40	6	45	100	9	35	5	10	39	78	10	202	608	185	454
TFE06050	Ø6 x 50	50	6	45	100	9	35	15	10	39	78	10	202	608	185	454
TFE06060	Ø6 x 60	60	6	65	100	9	55	5	10	65	129	10	673	608	471	542
TFE06070	Ø6 x 70	70	6	65	100	9	55	15	10	65	129	10	673	608	471	542
TFE06080	Ø6 x 80	80	6	65	100	9	55	25	10	65	129	10	673	608	471	542
TFE06100	Ø6 x 100	100	6	65	100	9	55	45	10	65	129	10	673	608	471	542
TFE06120	Ø6 x 120	120	6	65	100	9	55	65	10	65	129	10	673	608	471	542
TFE08055	Ø8 x 55	55	8	60	100	12	50	5	20	57	113	13	457	950	320	691
TFE08060	Ø8 x 60	60	8	60	100	12	50	10	20	57	113	13	457	950	320	691
TFE08070	Ø8 x 70	70	8	75	100	12	65	5	20	76	152	13	857	950	600	762
TFE08080	Ø8 x 80	80	8	75	100	12	65	15	20	76	152	13	857	950	600	762
TFE08090	Ø8 x 90	90	8	75	100	12	65	25	20	76	152	13	857	950	600	762
TFE08100	Ø8 x 100	100	8	75	100	12	65	35	20	76	152	13	857	950	600	762
TFE08110	Ø8 x 110	110	8	75	100	12	65	45	20	76	152	13	857	950	600	762
TFE08120	Ø8 x 120	120	8	75	100	12	65	55	20	76	152	13	857	950	600	762
TFE08140	Ø8 x 140	140	8	75	100	12	65	75	20	76	152	13	857	950	600	762
TFE10060	Ø10 x 60	60	10	65	100	14	55	5	30	63	125	15	638	1245	447	871
TFE10070	Ø10 x 70	70	10	65	100	14	55	15	30	63	125	15	638	1245	447	871
TFE10080	Ø10 x 80	80	10	85	120	14	75	25	30	88	176	15	638	1245	447	871
TFE10090	Ø10 x 90	90	10	95	135	14	85	5	30	101	201	15	1310	1330	917	1330
TFE10100	Ø10 x 100	100	10	95	135	14	85	15	30	101	201	15	1310	1330	917	1330
TFE10120	Ø10 x 120	120	10	95	135	14	85	35	30	101	201	15	1310	1330	917	1330
TFE10140	Ø10 x 140	140	10	95	135	14	85	55	30	101	201	15	1310	1330	917	1330
TFE12080	Ø12 x 80	80	12	90	120	16	75	5	50	87	174	18	1055	1808	738	1720
TFE12090	Ø12 x 90	90	12	90	120	16	75	15	50	87	174	18	1055	1808	738	1720
TFE12110	Ø12 x 110	110	12	120	170	16	105	5	50	126	251	18	1822	1808	1275	1808
TFE12130	Ø12 x 130	130	12	120	170	16	105	25	50	126	251	18	1822	1808	1275	1808
TFE12150	Ø12 x 150	150	12	120	170	16	105	45	50	126	251	18	1822	1808	1275	1808
TFE14080	Ø14 x 80	80	14	90	120	18	75	5	70	87	174	21	1055	2559	738	1883
TFE14100	Ø14 x 100	100	14	90	120	18	75	25	70	87	174	21	1055	2559	738	1883
TFE14120	Ø14 x 120	120	14	130	185	18	115	5	70	138	276	21	2107	2559	1475	2559
TFE14130	Ø14 x 130	130	14	130	185	18	115	15	70	138	276	21	2107	2559	1475	2559
TFE14140	Ø14 x 140	140	14	130	185	18	115	25	70	138	276	21	2107	2559	1475	2559
TFE14160	Ø14 x 160	160	14	130	185	18	115	45	70	138	276	21	2107	2559	1475	2559
TFE18100	Ø18 x 100	100	18	110	140	22	90	10	90	105	209	24	1384	3680	968	2576
TFE18130	Ø18 x 130	130	18	110	140	22	90	40	90	105	209	24	1384	3680	968	2576
TFE18160	Ø18 x 160	160	18	160	225	22	140	20	90	168	336	24	2830	3921	1981	3921
TFE18180	Ø18 x 180	180	18	160	225	22	140	40	90	168	336	24	2830	3921	1981	3921
TFE18200	Ø18 x 200	200	18	160	225	22	140	60	90	168	336	24	2830	3921	1981	3921

TFN Hexagon head without nut. Zinc-plated coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	ϕ 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	$\phi 14 \times 80$	80	14	90	120	18	75	5	70	87	174	24	1055	2559	738	1883

TFS Stud bolt. Zinc-plated coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	ϕ 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	$\phi 6 \times 100$	100	6	65	100	9	55	35	10	65	129	5	673	608	471	542
TFS06120	$\phi 6 \times 120$	120	6	65	100	9	55	55	10	65	129	5	673	608	471	542
TFS08110	$\phi 8 \times 110$	110	8	75	100	12	65	32	20	76	152	7	857	950	600	762
TFS08130	$\phi 8 \times 130$	130	8	75	100	12	65	52	20	76	152	7	857	950	600	762
TFS10120	$\phi 10 \times 120$	120	10	85	120	14	75	27	30	88	176	8	1068	1330	748	987
TFS10140	$\phi 10 \times 140$	140	10	85	120	14	75	47	30	88	176	8	1068	1330	748	987

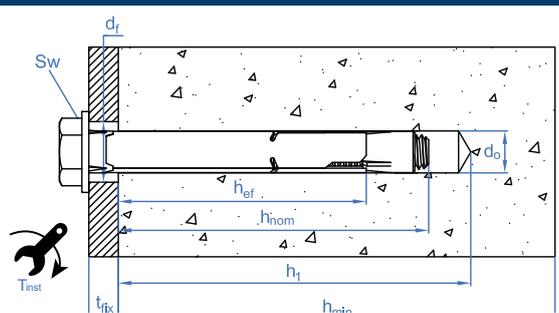
TFF Hanger female. Zinc-plated coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	ϕ 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	$\phi 6 \times 35$	35	6	45	100	--	35	10	39	78	13	202	608	185	454
TFF06055	$\phi 6 \times 55$	55	6	55	100	--	55	10	65	129	13	673	608	471	542

TFM Hanger male. Zinc-plated coating. Opt.1 ETA Assessed

CODE	MXL	LENGTH	DRILL ϕ	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	ϕ 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	$\phi 6 \times 35$	35	6	45	100	--	35	10	39	78	13	202	608	185	454
TFM06055	$\phi 6 \times 55$	55	6	55	100	--	55	10	65	129	13	673	608	471	542

CH Anti-spin sleeve anchor, for medium loads



CH-TO Hexagonal head screw 6.8. Opt.7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	ϕ 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	604
ACHT10L	M8 x 80	27	10	60	51	13	20	12	100	54	54	485	604
ACHT11C	M8 x 60	5	11	60	51	13	20	13	100	54	54	485	604
ACHT11L	M8 x 80	27	11	60	51	13	20	13	100	54	54	485	604
ACHT12C	M10 x 70	5	12	75	65	17	35	14	100	65	65	662	794
ACHT12L	M10 x 100	32	12	75	65	17	35	14	100	65	65	662	794
ACHT14C	M10 x 70	5	14	75	65	17	35	16	100	65	65	662	794
ACHT14L	M10 x 100	32	14	75	65	17	35	16	100	65	65	662	794
ACHT16C	M12 x 80	5	16	80	70	19	50	18	110	74	74	812	974
ACHT16L	M12 x 110	37	16	80	70	19	50	18	110	74	74	812	974
ACHT20C	M16 x 110	15	20	105	92	24	140	22	145	97	97	1459	2744
ACHT25C	M20 x 130	25	25	130	102	30	240	27	160	120	240	1424	3417

CH-A2 A2 Stainless steel. Opt.7 ETA Assessed

CODE	MXL	MAX. FIXTURE THICKNESS	DRILL ϕ	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	ϕ 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	392	329
ACHTA208L	M6 x 60	20	8	45	39	10	10	9	100	41	41	392	329
ACHTA209C	M6 x 45	5	9	45	39	10	10	10	100	41	41	392	329
ACHTA209L	M6 x 60	20	9	45	39	10	10	10	100	41	41	392	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

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
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	794
ACHTA212L	M10 x 100	32	12	75	65	17	35	14	100	65	65	566	794
ACHTA214C	M10 x 70	5	14	75	65	17	35	16	100	65	65	566	794
ACHTA214L	M10 x 100	32	14	75	65	17	35	16	100	65	65	566	794
ACHTA216C	M12 x 80	5	16	80	70	19	50	18	110	74	74	647	974
ACHTA216L	M12 x 110	37	16	80	70	19	50	18	110	74	74	647	974
ACHTA220C	M16 x 110	15	20	105	92	24	140	22	145	97	97	971	2572

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-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-PL Flat head screw. Opt.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
ACHTPL08C	M6 x 45	5	8	45	39	4	10	9	100	41	41	267	392
ACHTPL08L	M6 x 60	20	8	45	39	4	10	9	100	41	41	267	392
ACHTPL10C	M8 x 60	5	10	60	51	5	20	12	100	54	54	485	604
ACHTPL10L	M8 x 80	27	10	60	51	5	20	12	100	54	54	485	604
ACHTPL12C	M10 x 70	5	12	75	65	6	35	14	100	65	65	662	794
ACHTPL12L	M10 x 100	32	12	75	65	6	35	14	100	65	65	662	794

CH-PI A2 Stainless steel flat head screw. Opt.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
ACHTPI08C	M6 x 45	5	8	45	39	4	10	9	100	41	41	392	329
ACHTPI08L	M6 x 60	20	8	45	39	4	10	9	100	41	41	392	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	794
ACHTPI12L	M10 x 100	32	12	75	65	6	35	14	100	65	65	566	794

CH-INB Zinc-plated tamperproof head. Opt.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	219
ACHINB08L	M6 x 60	20	8	45	39	TX40	10	9	100	41	41	267	219
ACHINB10C	M8 x 60	5	10	60	51	TX40	20	12	100	54	54	485	399
ACHINB10L	M8 x 80	27	10	60	51	TX40	20	12	100	54	54	485	399

CH-INN Black zinc-plated tamperproof head. Opt.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	219
ACHINN08L	M6 x 60	20	8	45	39	TX40	10	9	100	41	41	267	219
ACHINN10C	M8 x 60	5	10	60	51	TX40	20	12	100	54	54	485	399
ACHINN10L	M8 x 80	27	10	60	51	TX40	20	12	100	54	54	485	399

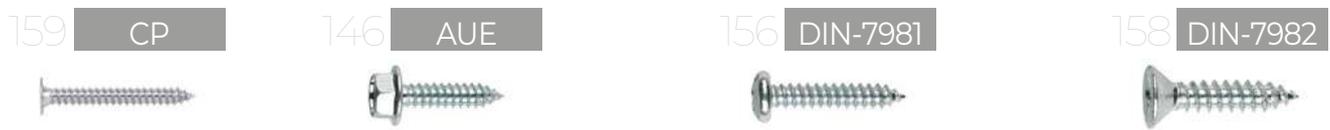
Self-drilling installation parameters

			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

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SLOVAK REPUBLIC
SLOVENIA
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URUGUAY

A photograph of a cardboard box in a warehouse. The box is brown and has the 'INDEX' logo printed on it in blue. The logo consists of a stylized 'I' made of three horizontal bars, followed by the word 'INDEX' in a bold, sans-serif font, with a registered trademark symbol (®) to the right. Below the logo, the slogan 'A PERFECT FIXING' is printed in a smaller, blue, sans-serif font. The box is in the foreground, and the background is a blurred warehouse with a worker in a blue uniform and various equipment.

INDEX®
A PERFECT FIXING

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.

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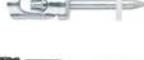
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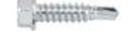
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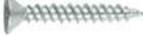
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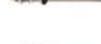


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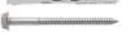
Easykits 323



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