

SUPPORT SYSTEMS
2023



INDEX[®]
A PERFECT FIXING

A
PERFECT
FIXING

SUPPORT SYSTEMS 2023



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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.

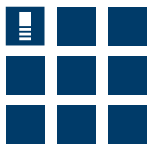
Whatever the size of your business, at **INDEX®**, we will find the perfect fixing for your needs.



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 ESTUDIO

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 35 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 35 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.

HOMOLOGACIONES



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



VdS



Conformidad Reino Unido



PAHs



REACH



RoHS

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

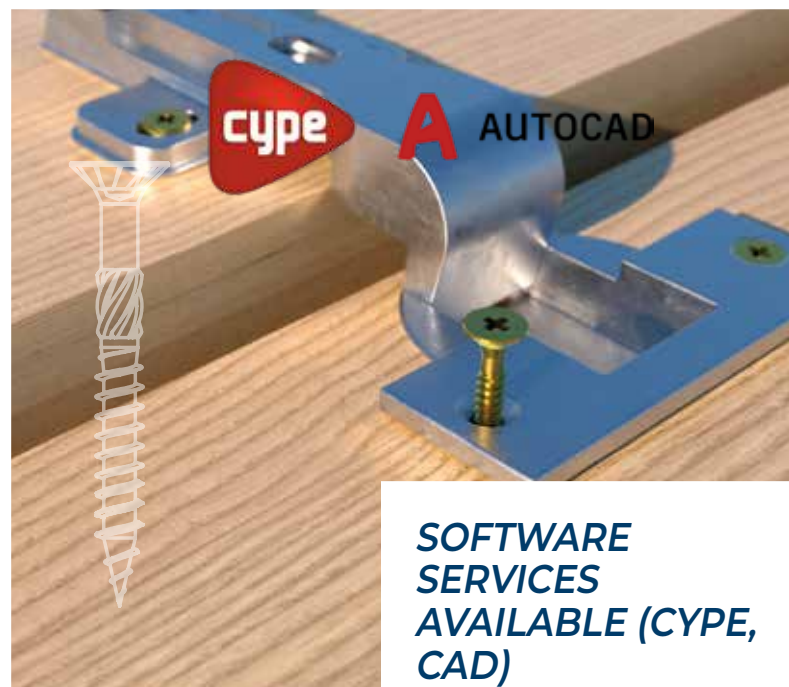


We have the best software to meet the needs of each specific case.

INDEXcal software to calculate anchors.

INDEXwood software for the calculation of timber structure connections.

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





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

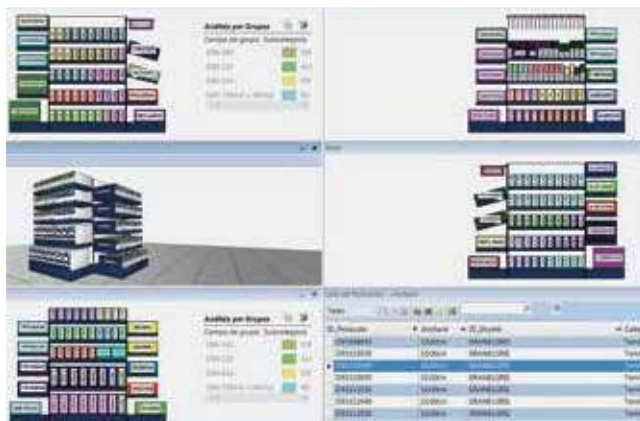
To facilitate display assembly, new installation shipments are prepared separately from other usual orders.

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



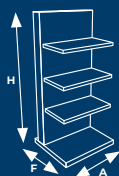
4 units
100 x 200 x 150 cm



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.



VISUAL MERCHANDISING

At INDEX we offer our distributors a wide range of aids to promote and communicate our products at the point of sale, such as sets of shelves, posters, totems, stickers, and much more!



TOP POSTERS



POSTERS FOR LOW GONDOLAS



LABEL HOLDERS FOR SHELVES



STOPPERS FOR SHELVES



FLOOR VINYL FOR MURALS



FLOOR VINYL FOR ISLANDS



BANNERS



PRODUCT POSTERS



OUTDOOR SIGNS



STICKERS FOR SHOP WINDOWS



ADHESIVES FOR FLOORS

WE EXPAND RANGE

RIGGING HARDWARE

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SJ-Z **EXPANSION**
Wire rope clip DIN 741. Zinc-plated



SJ-A4 **NEW**
Wire rope clip DIN 741. A4 Stainless steel



SJ-O **NEW**
Oval cable clip. Zinc-plated



SJ-PD **NEW**
Flat cable clip. Double. Zinc-plated



SJ-PD A4 **NEW**
Flat cable clip. Double. A4 Stainless steel



SJ-PS **NEW**
Flat cable clip. Simple. Zinc-plated



SJ-PS A4 **NEW**
Flat cable clip. Simple. A4 Stainless steel



TS-GA **EXPANSION**
Turnbuckle hook/ring DIN-1480. Zinc-plated



TS-GA A4 **NEW**
Turnbuckle hook/ring DIN-1480. A4 Stainless steel



TS-GG **NEW**
Turnbuckle hook/hook DIN-1480. Zinc-plated



TS-GG A4 **NEW**
Turnbuckle hook/hook DIN-1480. A4 Stainless steel



TS-AA **NEW**
Turnbuckle ring/ring DIN-1480. Zinc-plated



TS-AA A4 **NEW**
Turnbuckle ring/ring DIN-1480. A4 Stainless steel



TS-VS **NEW**
Welding rod turnbuckle



EV-H **EXPANSION**
Ring nut D-582. Zinc-plated



EV-H A4 **NEW**
Ring nut D-582. A4 Stainless steel



EV-M **EXPANSION**
Ring nut D-580. Zinc-plated



EV-M A4 **NEW**
Ring nut D-580. A4 Stainless steel



GR-Z **EXPANSION**
Straight shackle. Zinc plated



GR-A4 **NEW**
Straight shackle. A4 Stainless steel



GS-Z **NEW**
Zinc plated "S"



GD-Z **EXPANSION**
Thimble DIN-6899/A. Zinc plated



GD-A4 **NEW**
Thimble DIN-6899/A. A4 Stainless steel



GI-Z **NEW**
Lyre shackle. Zinc plated



GI-A4 **NEW**
Lyre shackle. A4 Stainless steel



MQ-B **NEW**
Firefighter carabiner



MQ-BS **NEW**
Firefighter carabiner with lock

WE EXPAND RANGE

INSTALLATION SYSTEMS AND FIXINGS FOR PHOTOVOLTAIC PANELS

	Clamps and gauges for assembling panels NEW 30 mm CLAMP
	Profiles, junctions, guides and joints for the support structure NEW PROFILES
	Connectors + accessories for assembling solar structures NEW SIZES
	Triangles for installing solar panels
	Adjustable accessories for installing solar panels NEW SOLUTIONS
	Direct fastening accessories for installing solar panels NEW SCREWS
	Watertightness accessories for installing solar panels
	Kits for solar installations NEW KITS



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OTHER NEWS

MTH-AT

Opt.7 ETA Assessed. ATLANTIS C4-M shaft.
 ATLANTIS C4-M clip



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TXE

Concrete screw hexagonal with Bimetal point.
 Stainless steel A4



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HE-HO SDS y HE-HC SDS

Stop drill bit for HE-HO and HE-HC



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OTHER NEWS

TN4S-A y TN4S + TP-PO

4-way expansion plug with collar



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NEW SIZES

THE and TFE

Concrete screw anchor. Homologado ETE Opt.1.
 Hexagonal head



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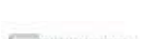
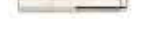
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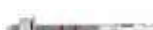
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Threaded rod and fixing accessories

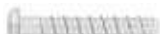
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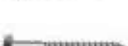
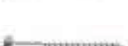
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MATERIALS AND PRODUCT COATINGS

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

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	 Brick		

RECESSES

 Hexagonal	 Square	 Slotted hexagonal	 Phillips hexagonal	 PH
 Flat	 Allen	 TX	 PZ	

LOADS

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

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-PLATED  ZINC-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  A2 INOX AISI 304
C5	VERY HIGH	Spaces with a very high frequency of condensation and/or high contamination from a production process, such as mines, industrial vaults, unventilated spaces in tropical and subtropical areas.	Temperate and subtropical areas, atmospheric environment with very high contamination (SO ₂ : 90 g/m ³ to 250 g/m ³) and/or significant chloride effects, such as industrial areas, coastal areas (0-1 km), protected installations on the coast.	 A4 INOX AISI 316  STAINLESS A4 (AISI 316)

QUICK SELECTION GUIDE

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

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

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



HEAVY METAL CLAMPS

	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE
AB-RA	APPLICATIONS: Sanitation, Electric									P. 38
	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. 39
	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. 39
	Ø 15 - Ø 60	60		1,25	19	Fast vertical	M8	-		
AB-RE AB-RE V	APPLICATIONS: Sanitation, Electric, Ventilation									P. 40
	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. 42
	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. 41
	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. 43
	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. 44
	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. 44
	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. 45
	Ø 10 - Ø 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. 46
	Ø 18 - Ø 160	150 - 200		2	19	Screw	M8 ≤ Ø54 M8 / M10 > Ø54	According to UNE-EN ISO 4892	-	-
AB-M8	APPLICATIONS: Sanitation, Drainpipe									P. 46
	Ø 50 - Ø 315	100		1	28	Screw	M8	-	-	-
AB-DE Z AB-DE G	APPLICATIONS: Sanitation, Drainpipe									P. 47
	Ø 75 - Ø 315	200	 AB-DE Z	2,5	20	Screw	M8	-	-	-
			 AB-DE G							
AB-DP Z AB-DP G	APPLICATIONS: Sanitation, Drainpipe									P. 47
	Ø 75 - Ø 250	200	 AB-DP Z	2,5	20	Screw	-	-	-	-
			 AB-DP G							
AB-ZI	APPLICATIONS: Gas, Sanitation									P. 48
	Ø 16 - Ø 230	250 - 350		M6 - M8 - M10	-	-	-	-	-	-
AB-SA	APPLICATIONS: Gas, Sanitation									P. 49
	-	-		5 - 6	-	-	-	-	-	-
AB-GP	APPLICATIONS: Sanitation, Industrial									P. 49
	Ø 25 - Ø 235	-		0,6 - 1,8	18 - 25	Screw	-	-	-	-

AB-RA

Reinforced pipe clamp M8 opened



SANITATION



ADVANTAGES

Screw with plastic washer to avoid its lost

M8 soldered nut

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABRA015	15 (M8)	12-16	79,300	1/4"	80	50	300
ABRA018	18 (M8)	15 - 19	79,633	3/8"	80	50	300
ABRA022	22 (M8)	20 - 25	85,157	1/2"	80	50	200
ABRA028	28 (M8)	26 - 30	88,713	3/4"	80	50	200
ABRA035	35 (M8)	32 - 36	94,403	1"	80	50	150
ABRA042	42 (M8)	38 - 43	99,387	1 1/4"	80	50	150
ABRA048	48 (M8)	47 - 51	108,873	1 1/2"	80	50	100
ABRA054	54 (M8)	53 - 58	114,407	-	80	25	100
ABRA060	60 (M8)	60 - 64	119,773	2"	80	25	75
ABRA075	75 (M8)	75 - 80	134,300	2 1/2"	80	25	50
ABRA090	90 (M8)	87 - 92	142,843	3"	80	25	50
ABRA100	100 (M8)	99 - 105	160,423	3 1/2"	80	25	50
ABRA110	110 (M8)	107 - 112	161,147	-	80	25	50
ABRA115	115 (M8)	113 - 118	185,477	4"	80	25	50
ABRA125	125 (M8)	125 - 130	185,207	4 1/2"	80	25	50

APPLICATION EXAMPLES



Reinforced isophonic pipe clamp M8 opened

AB-IA

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Technical
info

SANITATION



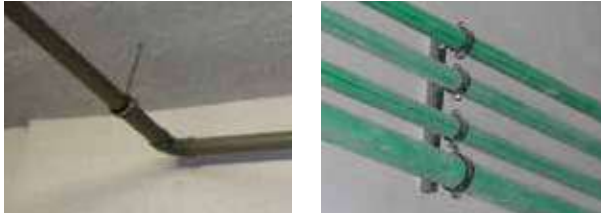
CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABIA015	15 (M8)	12 - 16	88,963	1/4"	80	50	200
ABIA018	18 (M8)	15 - 19	94,187	3/8"	80	50	200
ABIA022	22 (M8)	20 - 25	99,970	1/2"	80	50	150
ABIA028	28 (M8)	26 - 30	104,340	3/4"	80	50	100
ABIA035	35 (M8)	32 - 36	111,543	1"	80	50	100
ABIA042	42 (M8)	38 - 43	124,013	1 1/4"	80	50	-
ABIA048	48 (M8)	47 - 51	141,330	1 1/2"	80	50	-
ABIA054	54 (M8)	53 - 58	147,567	-	80	25	50
ABIA060	60 (M8)	60 - 64	159,967	2"	80	25	50
ABIA075	75 (M8)	75 - 80	178,937	2 1/2"	80	25	50
ABIA090	90 (M8)	87 - 92	198,803	3"	80	25	50
ABIA100	100 (M8)	99 - 105	220,013	3 1/2"	80	25	50
ABIA110	110 (M8)	107 - 112	226,967	-	80	25	-
ABIA115	115 (M8)	113 - 118	262,330	4"	80	25	-
ABIA125	125 (M8)	125 - 130	280,707	4 1/2"	80	25	-



ADVANTAGES

Screw with plastic washer to avoid its lost
M8 soldered nut

APPLICATION EXAMPLES



Isophonic pipe clamp M8 fast-clip

AB-IR

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SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABIR015	15 (M8)	14 - 15	78,613	1/4"	60	50	300
ABIR018	18 (M8)	16 - 19	84,060	3/8"	60	50	300
ABIR022	22 (M8)	21 - 23	87,693	1/2"	60	50	200
ABIR028	28 (M8)	26 - 28	96,827	3/4"	60	50	150
ABIR035	35 (M8)	32 - 35	106,093	1"	60	50	100
ABIR040	40 (M8)	40 - 43	119,693	1 1/4"	60	25	100
ABIR048	48 (M8)	48 - 51	131,210	1 1/2"	60	25	100
ABIR054	54 (M8)	52 - 56	138,243	-	60	25	75
ABIR060	60 (M8)	57 - 60	145,153	2"	60	25	75



ADVANTAGES

Single screw
Fast installation
Isophonic
TBC compliant

APPLICATION EXAMPLES



AB-RE

Reinforced pipe clamp M8 + M10

AB-RE

Zinc-plated



APPLICATION EXAMPLES



ADVANTAGES

Screw with plastic washer to avoid its lost
Reinforced



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SANITATION



CODE	SIZE	ØD(MM)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABRE018	18 (M8+M10)	15 - 19	100,643	3/8"	80	50	300
ABRE022	22 (M8+M10)	20 - 25	103,663	1/2"	80	50	200
ABRE028	28 (M8+M10)	26 - 30	115,097	3/4"	80	50	150
ABRE035	35 (M8+M10)	32 - 36	123,540	1"	80	50	100
ABRE040	40 (M8+M10)	38 - 43	129,680	1 1/4"	80	25	100
ABRE048	48 (M8+M10)	47 - 51	138,670	1 1/2"	80	25	100
ABRE054	54 (M8+M10)	53 - 56	147,917	-	80	25	75
ABRE060	60 (M8+M10)	60 - 64	156,503	2"	80	25	75
ABRE070	70 (M8+M10)	68 - 72	163,593	-	80	25	50
ABRE075	75 (M8+M10)	75 - 80	167,877	2 1/2"	150	25	50
ABRE083	83 (M8+M10)	81 - 86	175,123	-	150	25	-
ABRE090	90 (M8+M10)	87 - 92	188,453	3"	150	25	-
ABRE100	100 (M8+M10)	99 - 105	194,023	3 1/2"	150	25	-
ABRE110	110 (M8+M10)	107 - 112	210,437	-	150	25	-
ABRE115	115 (M8+M10)	113 - 118	237,013	4"	200	25	-
ABRE125	125 (M8+M10)	125 - 130	253,383	4 1/2"	200	25	-
ABRE133	133 (M8+M10)	132 - 137	277,533	-	200	25	-
ABRE140	140 (M8+M10)	138 - 142	314,137	5"	200	25	-
ABRE150	150 (M8+M10)	148 - 152	319,370	-	200	25	-
ABRE160	160 (M8+M10)	159 - 166	335,080	6"	200	25	-
ABRE180	180 (M8+M10)	179 - 184	355,630	-	200	25	-
ABRE200	200 (M8+M10)	199 - 212	386,783	-	200	25	-
ABRE220	220 (M8+M10)	215 - 226	440,897	8"	200	25	-
ABRE250	250 (M8+M10)	245 - 254	488,557	-	200	25	-
ABRE280	280 (M8+M10)	278 - 284	558,153	-	200	25	-
ABRE300	300 (M8+M10)	299 - 304	627,750	-	200	25	-
ABRE315	315 (M8+M10)	314 - 319	705,973	-	200	25	-
ABRE355	355 (M8+M10)	354 - 359	894,620	-	200	25	-



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABRET022	22 (M8+M10)	4,711	2	5
LSABRET028	28 (M8+M10)	4,825	2	5
LSABRET035	35 (M8+M10)	4,931	2	5
LSABRET040	40 (M8+M10)	5,064	2	5
LSABRET048	48 (M8+M10)	4,964	2	5
LSABRET060	60 (M8+M10)	5,196	2	5
LSABRET075	75 (M8+M10)	5,451	2	5
LSABRET090	90 (M8+M10)	6,691	2	5
LSABRET110	110 (M8+M10)	6,941	2	5
LSABRET125	125 (M8+M10)	8,024	2	4

KIT

AB-RE + ES-DR

+ T4S



AB-RE V

Zinc-plated. Ventilation



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD	
ABRE400	400 (M8+M10)	399 - 404	1.057,027	-	200	25
ABRE450	450 (M8+M10)	449 - 454	1.288,993	-	200	10
ABRE500	500 (M8+M10)	499 - 504	1.268,563	-	200	10
ABRE560	560 (M8+M10)	555 - 561	1.517,440	-	200	10
ABRE600	600 (M8+M10)	599 - 604	1.615,007	-	200	10
ABRE630	630 (M8+M10)	625 - 631	1.727,883	-	200	10
ABRE710	710 (M8+M10)	705 - 711	1.947,927	-	200	10
ABRE800	800 (M8+M10)	799 - 804	2.155,110	-	200	10
ABRE900	900 (M8+M10)	899 - 904	2.389,130	-	200	10
ABRE910	1000 (M8+M10)	999 - 1.004	2.676,587	-	200	10
ABRE911	1120 (M8+M10)	1.115 - 1.121	2.930,543	-	200	10
ABRE912	1250 (M8+M10)	1.245 - 1.251	3.218,523	-	200	10

Reinforced pipe clamp M8 + M10

AB-RE

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info

STAINLESS
STEEL

PVC pipe

Stainless
steel pipeA2
inox

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABREA2018	18 (M8+M10)	15 - 18	332,580	3/8"	150	50	300
ABREA2022	22 (M8+M10)	20 - 24	349,760	1/2"	150	50	200
ABREA2028	28 (M8+M10)	26 - 30	383,987	3/4"	150	50	150
ABREA2035	35 (M8+M10)	32 - 36	401,780	1"	150	50	100
ABREA2040	40 (M8+M10)	36 - 42	425,290	1 1/4"	150	25	100
ABREA2048	48 (M8+M10)	47 - 50	448,373	1 1/2"	150	25	100
ABREA2054	54 (M8+M10)	51 - 55	473,533	-	150	25	75
ABREA2060	60 (M8+M10)	60 - 64	503,620	2"	150	25	75
ABREA2075	75 (M8+M10)	75 - 80	570,457	2 1/2"	150	25	50
ABREA2090	90 (M8+M10)	87 - 92	656,360	3"	150	25	-
ABREA2110	110 (M8+M10)	106 - 112	710,090	-	150	25	-
ABREA2115	115 (M8+M10)	114 - 119	740,700	4"	150	25	-
ABREA2125	125 (M8+M10)	124 - 131	794,473	4 1/2"	150	25	-
ABREA2140	140 (M8+M10)	133 - 140	878,120	5"	150	25	-
ABREA2160	160 (M8+M10)	159 - 163	1.002,177	6"	150	25	-
ABREA2200	200 (M8+M10)	199 - 212	1.397,923	-	150	25	-

AB-RE A2

A2 Stainless steel



ADVANTAGES

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

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Technical
info

STAINLESS
STEEL

PVC pipe

Stainless
steel pipeA4
inox

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABREA4018	18 (M8+M10)	15 - 18	434,490	3/8"	150	50	300
ABREA4022	22 (M8+M10)	20 - 24	459,373	1/2"	150	50	200
ABREA4028	28 (M8+M10)	26 - 30	490,617	3/4"	150	50	150
ABREA4035	35 (M8+M10)	32 - 36	512,520	1"	150	50	100
ABREA4040	40 (M8+M10)	36 - 42	549,773	1 1/4"	150	25	100
ABREA4048	48 (M8+M10)	47 - 50	593,963	1 1/2"	150	25	100
ABREA4054	54 (M8+M10)	51 - 55	619,670	-	150	25	75
ABREA4060	60 (M8+M10)	60 - 64	660,557	2"	150	25	75
ABREA4075	75 (M8+M10)	75 - 80	732,887	2 1/2"	150	25	50
ABREA4090	90 (M8+M10)	87 - 92	803,653	3"	150	25	-
ABREA4110	110 (M8+M10)	106 - 112	925,417	-	150	25	-
ABREA4115	115 (M8+M10)	114 - 119	992,830	4"	150	25	-
ABREA4125	125 (M8+M10)	124 - 131	1.045,960	4 1/2"	150	25	-
ABREA4140	140 (M8+M10)	133 - 140	1.238,123	5"	150	25	-
ABREA4160	160 (M8+M10)	159 - 163	1.359,077	-	150	25	-
ABREA4200	200 (M8+M10)	199 - 212	1.649,190	-	150	25	-

AB-RE A4

A4 Stainless steel



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

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SANITATION



APPLICATION EXAMPLES



ADVANTAGES

Screw with plastic washer to avoid its lost

Reinforced

Isophonic

TBC compliant

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABRIT022	22 (M8+M10)	5,141	2	5
LSABRIT028	28 (M8+M10)	5,289	2	5
LSABRIT035	35 (M8+M10)	5,466	2	5
LSABRIT040	40 (M8+M10)	5,466	2	5
LSABRIT048	48 (M8+M10)	5,668	2	5
LSABRIT060	60 (M8+M10)	6,059	2	5
LSABRIT075	75 (M8+M10)	6,534	2	5
LSABRIT090	90 (M8+M10)	7,509	2	5
LSABRIT110	110 (M8+M10)	8,800	2	4

KIT

AB-RI + ES-DR
+ T4S

AB-RI V

Zinc-plated. Ventilation



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD	
ABRI400	400 (M8+M10)	399 - 404	1.323,477	-	200	25
ABRI450	450 (M8+M10)	449 - 454	1.593,797	-	200	10
ABRI500	500 (M8+M10)	499 - 504	1.635,647	-	200	10
ABRI560	560 (M8+M10)	555 - 561	1.815,317	-	200	10
ABRI600	600 (M8+M10)	599 - 604	2.002,183	-	200	10
ABRI630	630 (M8+M10)	625 - 631	2.173,960	-	200	10
ABRI710	710 (M8+M10)	705 - 711	2.519,180	-	200	10
ABRI800	800 (M8+M10)	799 - 804	2.737,400	-	200	10
ABRI900	900 (M8+M10)	899 - 904	3.107,333	-	200	10
ABRI910	1000 (M8+M10)	999 - 1.004	3.542,093	-	200	10
ABRI911	1120 (M8+M10)	1.115 - 1.121	3.913,127	-	200	10
ABRI912	1250 (M8+M10)	1.245 - 1.251	4.283,053	-	200	10

Reinforced isophonic pipe clamp M8 + M10

AB-RI

02
P. 247
Technical
infoSTAINLESS
STEEL

Steel pipe

PVC pipe

Satinless
steel pipeA2
INOX

AB-RI A2

A2 Stainless steel

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABRIA2018	18 (M8+M10)	15 - 18	437,957	3/8"	150	50	200
ABRIA2022	22 (M8+M10)	20 - 24	450,040	1/2"	150	50	150
ABRIA2028	28 (M8+M10)	26 - 30	470,067	3/4"	150	50	150
ABRIA2035	35 (M8+M10)	32 - 36	494,553	1"	150	50	100
ABRIA2040	40 (M8+M10)	36 - 42	521,510	1 1/4"	150	25	75
ABRIA2048	48 (M8+M10)	47 - 50	552,720	1 1/2"	150	25	75
ABRIA2054	54 (M8+M10)	51 - 55	603,450	-	150	25	50
ABRIA2060	60 (M8+M10)	60 - 64	636,210	2"	150	25	50
ABRIA2075	75 (M8+M10)	75 - 80	716,740	2 1/2"	150	25	-
ABRIA2090	90 (M8+M10)	87 - 92	774,940	3"	150	25	-
ABRIA2110	110 (M8+M10)	106 - 112	861,733	-	150	25	-
ABRIA2115	115 (M8+M10)	114 - 119	885,613	4"	150	25	-
ABRIA2125	125 (M8+M10)	124 - 131	954,507	4 1/2"	150	25	-
ABRIA2140	140 (M8+M10)	133 - 140	988,260	5"	150	25	-
ABRIA2160	160 (M8+M10)	159 - 163	1.108,780	6"	150	25	-



ADVANTAGES

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

02
P. 247
Technical
infoSTAINLESS
STEEL

Steel pipe

PVC pipe

Satinless
steel pipeA4
INOX

AB-RI A4

A4 Stainless steel

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABRIA4018	18 (M8+M10)	15 - 18	546,720	3/8"	150	50	200
ABRIA4022	22 (M8+M10)	20 - 24	574,767	1/2"	150	50	150
ABRIA4028	28 (M8+M10)	26 - 30	599,950	3/4"	150	50	150
ABRIA4035	35 (M8+M10)	32 - 36	644,877	1"	150	50	100
ABRIA4040	40 (M8+M10)	36 - 42	695,083	1 1/4"	150	25	75
ABRIA4048	48 (M8+M10)	47 - 50	747,293	1 1/2"	150	25	75
ABRIA4054	54 (M8+M10)	51 - 55	784,260	-	150	25	50
ABRIA4060	60 (M8+M10)	60 - 64	857,263	2"	150	25	50
ABRIA4075	75 (M8+M10)	75 - 80	937,940	2 1/2"	150	25	-
ABRIA4090	90 (M8+M10)	87 - 92	1.029,127	3"	150	25	-
ABRIA4110	110 (M8+M10)	106 - 112	1.213,387	-	150	25	-
ABRIA4115	115 (M8+M10)	114 - 119	1.261,460	4"	150	25	-
ABRIA4125	125 (M8+M10)	124 - 131	1.336,367	4 1/2"	150	25	-
ABRIA4140	140 (M8+M10)	133 - 140	1.449,203	5"	150	25	-
ABRIA4160	160 (M8+M10)	159 - 163	1.660,183	6"	150	25	-



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



ADVANTAGES

Side opening

Harder rubber to allow a sliding movement in piping

Plastic discs to adjust to the appropriate diameter of reinforced piping



CODE	SIZE	€/100	
ABRID016	16	189,557	150
ABRID020	20	197,453	100
ABRID025	25	209,300	100
ABRID032	32	229,050	100
ABRID040	40	248,790	50
ABRID050	50	317,900	50
ABRID063	63	398,853	50
ABRID075	75	454,143	50
ABRID090	90	501,533	50
ABRID110	110	651,600	25
ABRID125	125	789,813	25
ABRID140	140	837,203	20
ABRID160	160	967,523	20

PA-EX

Expansion guide



CODE	SIZE	€/100	
PAEXM08	M8 x 180	3.217,517	50
PAEXM10	M10 x 180	3.217,517	50

CO-AR

Articulated hanger



CODE	SIZE	€/100		
COAR08060	M8 x 60	221,313	50	300
COAR10060	M10 x 60	340,480	50	300

AB-ICP

Reinforced isophonic pipe clamp for heavy duty



CODE	SIZE	ØD(mm)	€/100	
ABICP060	60 (M8+M10)	60 - 64	822,153	25
ABICP075	75 (M10+M12)	75 - 80	1.004,853	25
ABICP090	90 (M10+M12)	87 - 92	1.096,203	25
ABICP110	110 (M10+M12)	107 - 112	1.256,063	25
ABICP140	140 (M12+M16)	138 - 142	2.192,407	25
ABICP160	160 (M12+M16)	159 - 166	2.603,480	25
ABICP220	220 (M12+M16)	215 - 226	3.425,633	10
ABICP270	270 (M12+M16)	268 - 274	4.292,030	10
ABICP315	315 (M12+M16)	314 - 319	4.867,253	10

ADVANTAGES

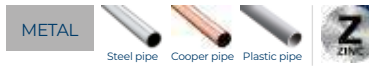
Reinforced

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	
ABAI513010	Ø10	780,037	13	50
ABAI513012	Ø12	800,037	13	50
ABAI513015	Ø15	820,033	13	50
ABAI513018	Ø18	880,040	13	50
ABAI513022	Ø22	940,040	13	50
ABAI513028	Ø28	980,043	13	50

AB-AIS 13

13 mm



CODE	SIZE	€/100	THICKNESS	
ABAI519010	Ø10	960,040	19	50
ABAI519012	Ø12	980,043	19	50
ABAI519015	Ø15	1.040,047	19	50
ABAI519017	Ø17	1.040,047	19	50
ABAI519018	Ø18	1.060,043	19	50
ABAI519022	Ø22	1.080,047	19	50
ABAI519028	Ø28	1.160,050	19	50
ABAI519035	Ø35	1.240,053	19	50
ABAI519042	Ø42	1.340,060	19	25
ABAI519054	Ø54	1.520,070	19	25
ABAI519060	Ø60	1.680,077	19	25
ABAI519064	Ø64	1.840,083	19	25
ABAI519067	Ø67	1.960,087	19	25
ABAI519076	Ø76	2.100,093	19	25
ABAI519080	Ø80	2.200,097	19	25
ABAI519114	Ø114	3.000,130	19	10

AB-AIS 19

19 mm



ADVANTAGES

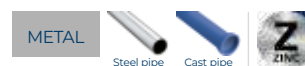
Lateral screws with plastic washer to avoid leakage
Suitable for avoiding thermal bridges and condensation in piping
Easy and quick to assemble



CODE	SIZE	€/100	THICKNESS	
ABAI530027	Ø27	1.460,063	30	50
ABAI530034	Ø34	1.580,070	30	50
ABAI530042	Ø42	1.680,077	30	25
ABAI530049	Ø49	1.740,077	30	25
ABAI530054	Ø54	2.100,093	30	25
ABAI530060	Ø60	2.140,097	30	25
ABAI530076	Ø76	2.240,100	30	25
ABAI530089	Ø89	2.380,103	30	25
ABAI530108	Ø108	3.300,143	30	10
ABAI530114	Ø114	3.400,150	30	10

AB-AIS 30

30 mm



CODE	SIZE	€/100	THICKNESS	
ABAI540049	Ø49	2.180,093	40	25
ABAI540060	Ø60	2.560,110	40	25
ABAI540089	Ø89	3.080,133	40	25
ABAI540114	Ø114	4.800,210	40	10
ABAI540133	Ø133	5.180,230	40	10
ABAI540140	Ø140	5.600,247	40	10
ABAI540159	Ø159	6.400,283	40	10
ABAI540168	Ø168	6.800,300	40	10
ABAI540219	Ø219	8.200,363	40	5

AB-AIS 40

40 mm



AB-GA

Pipe clamp for gas M8 + M10 yellow coated



SANITATION



ADVANTAGES

Screw with plastic washer to avoid its lost
Reinforced

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABGA018	18 (M8)	15 - 18	100,603	3/8"	200	50	300
ABGA022	22 (M8)	20 - 24	106,050	1/2"	200	50	200
ABGA028	28 (M8)	26 - 30	112,753	3/4"	200	50	150
ABGA035	35 (M8)	32 - 36	120,883	1"	200	50	100
ABGA040	40 (M8)	38 - 42	127,160	1 1/4"	200	50	100
ABGA048	48 (M8)	47 - 50	133,590	1 1/2"	200	50	100
ABGA054	54 (M8)	52 - 56	142,250	-	200	25	75
ABGA060	60 (M8/M10)	60 - 64	152,210	2"	200	25	75
ABGA075	75 (M8/M10)	75 - 80	181,893	2 1/2"	200	25	50
ABGA090	90 (M8/M10)	85 - 90	192,220	3"	200	25	-
ABGA100	100 (M8/M10)	99 - 105	211,217	3 1/2"	200	25	-
ABGA110	110 (M8/M10)	107 - 112	239,200	-	200	25	-
ABGA115	115 (M8/M10)	113 - 118	242,450	4"	200	25	-
ABGA140	140 (M8/M10)	138 - 142	284,537	5"	200	25	-
ABGA160	160 (M8/M10)	159 - 166	300,233	6"	200	25	-

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABGAT022	22 (M8)	4,747	2	6
LSABGAT028	28 (M8)	4,847	2	6
LSABGAT035	35 (M8)	4,768	2	6
LSABGAT040	40 (M8)	5,129	2	6
LSABGAT048	48 (M8)	5,036	2	6
LSABGAT060	60 (M8/M10)	5,385	2	6
LSABGAT075	75 (M8/M10)	5,770	2	6
LSABGAT090	90 (M8/M10)	6,320	2	6
LSABGAT110	110 (M8/M10)	8,550	2	5

KIT

AB-GA + ES-DR + T4S



APPLICATION EXAMPLES



AB-M8

Drainpipe clamp M8



SANITATION



ADVANTAGES

Lateral soldered nuts
M8 Riveted nut

CODE	SIZE	ØD(mm)	€/100	MAXIMUN LOAD	
ABM8050	50 (M8)	49 - 54	137,893	100	100
ABM8063	63 (M8)	60 - 65	135,437	100	100
ABM8075	75 (M8)	75 - 80	145,757	100	100
ABM8090	90 (M8)	88 - 92	155,880	100	100
ABM8110	110 (M8)	108 - 113	172,367	100	100
ABM8125	125 (M8)	124 - 130	180,800	100	100
ABM8160	160 (M8)	159 - 165	224,197	100	100
ABM8200	200 (M8)	199 - 203	266,187	100	100
ABM8250	250 (M8)	249 - 254	340,193	100	50
ABM8315	315 (M8)	314 - 319	737,647	100	50

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABM8090	90 (M8)	3,754	2	6
LSABM8110	110 (M8)	3,920	2	6
LSABM8125	125 (M8)	2,677	1	8
LSABM8160	160 (M8)	3,448	1	4

Recessed drainpipe clamp

AB-DE


 Technical info
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SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD	
ABDE075	75	75 - 80	214,997	200	100
ABDE090	90	87 - 92	232,770	200	100
ABDE110	110	107 - 112	281,257	200	100
ABDE125	125	125 - 130	316,823	200	50

AB-DE Z

Zinc-plated



 Technical info
P. 249

SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD	
ABDE160	160	159 - 166	368,547	200	50
ABDE200	200	199 - 212	442,903	200	50
ABDE250	250	245 - 254	711,230	200	25
ABDE315	315	314 - 319	892,277	200	25

AB-DE G

ATLANTIS C2-L coating



APPLICATION EXAMPLES



ADVANTAGES

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

Drainpipe clamp with hole

AB-DP


 Technical info
P. 249

SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD	
ABDP075	75	75 - 80	245,703	200	100
ABDP090	90	87 - 92	268,330	200	100
ABDP110	110	107 - 112	293,540	200	100
ABDP125	125	125 - 130	329,753	200	50

AB-DP Z

Zinc-plated



 Technical info
P. 249

SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD	
ABDP160	160	159 - 166	394,410	200	50
ABDP200	200	199 - 212	465,533	200	25
ABDP250	250	245 - 254	646,580	200	25

AB-DP G

ATLANTIS C2-L coating



APPLICATION EXAMPLES



ADVANTAGES

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

AB-ZI

U-bolt

AB-ZI

Zinc-plated



SANITATION



ADVANTAGES

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

CODE	SIZE	€/100	MAXIMUN LOAD	Ø ROD INCHES		
AZIM060250	M6 1/4"	24,313	250	1/4"	100	800
AZIM060375	M6 3/8"	25,163	250	3/8"	100	1.200
AZIM060500	M6 1/2"	28,877	250	1/2"	100	600
AZIM060750	M6 3/4"	34,173	250	3/4"	100	600
AZIM061000	M6 1"	36,700	250	1"	100	400
AZIM061250	M6 1 1/4"	49,090	250	1 1/4"	50	300
AZIM081500	M8 1 1/2"	76,210	350	1 1/2"	50	150
AZIM082000	M8 2"	86,870	350	2"	50	150
AZIM082250	M8 2 1/4"	101,170	350	2 1/4"	50	100
AZIM082500	M8 2 1/2"	106,607	350	2 1/2"	50	100
AZIM083000	M8 3"	114,313	350	3"	50	100
AZIM083500	M8 3 1/2"	136,170	350	3 1/2"	50	100
AZIM084000	M8 4"	168,067	350	4"	50	100
AZIM084500	M8 4 1/2"	177,750	350	4 1/2"	25	100
AZIM085000	M8 5"	183,970	350	5"	25	100
AZIM086000	M8 6"	209,157	350	6"	25	100
AZIM103000	M10 3"	156,650	350	3"	25	50
AZIM103500	M10 3 1/2"	179,853	350	3 1/2"	25	50
AZIM104000	M10 4"	202,030	350	4"	25	100
AZIM105000	M10 5"	224,003	350	5"	25	100
AZIM106000	M10 6"	259,110	350	6"	25	100
AZIM108000	M10 8"	294,830	350	8"	25	100

AB-ZI A2

A2 Stainless steel

SANITATION



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

U-bolt support

AB-SA

02
P. 250

Technical
info

SANITATION



Steel pipe



CODE	SIZE	€/100	LENGTH	
ABSA050100	50 x 100	411,980	100	50
ABSA050125	50 x 125	446,490	125	50
ABSA050200	50 x 200	545,823	200	25
ABSA050300	50 x 300	660,060	300	25
ABSA050400	50 x 400	806,417	400	25
ABSA050500	50 x 500	1.178,120	500	10
ABSA050600	50 x 600	1.293,207	600	10
ABSA100100	100 x 100	547,293	100	25
ABSA100125	100 x 125	587,120	125	25
ABSA100200	100 x 200	693,967	200	25
ABSA100300	100 x 300	880,103	300	10
ABSA100400	100 x 400	1.177,197	400	10
ABSA100500	100 x 500	1.538,757	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

02
P. 251

Technical
info

SANITATION



Steel pipe

Cooper pipe

Flexible pipe

PVC pipe



CODE	SIZE	ØD(mm)	€/100		
AGP023025	23-25	23 - 25	146,103	50	300
AGP026028	26-28	26 - 28	151,913	50	300
AGP029031	29-31	29 - 31	182,567	50	200
AGP032035	32-35	32 - 35	187,557	50	150
AGP036039	36-39	36 - 39	188,807	50	150
AGP040043	40-43	40 - 43	200,030	50	100
AGP044047	44-47	44 - 47	262,237	50	-
AGP048051	48-51	48 - 51	273,730	25	75
AGP052055	52-55	52 - 55	279,777	25	75
AGP056059	56-59	56 - 59	286,423	25	75
AGP060063	60-63	60 - 63	298,523	25	50
AGP064067	64-67	64 - 67	327,130	25	50
AGP068073	68-73	68 - 73	402,977	25	-
AGP074079	74-79	74 - 79	407,963	25	-
AGP080085	80-85	80 - 85	412,207	25	-
AGP086091	86-91	86 - 91	420,020	25	-
AGP092097	92-97	92 - 97	440,403	25	-
AGP098103	98-103	98 - 103	444,973	25	-
AGP104112	104-112	104 - 112	483,237	25	-
AGP113121	113-121	113 - 121	516,090	25	-
AGP122130	122-130	122 - 130	553,933	25	-
AGP131139	131-139	131 - 139	691,163	25	-
AGP140148	140-148	140 - 148	706,133	25	-
AGP149161	149-161	149 - 161	748,147	25	-
AGP162174	162-174	162 - 174	780,990	25	-



APPLICATION EXAMPLES



ADVANTAGES

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

02
P. 252

Blister

CODE	SIZE	€/BAG	PCS 	BAGS 
BZAGP023025	23-25	4,146	2	10
BZAGP029031	29-31	4,146	2	10
BZAGP040043	40-43	4,146	2	10



LIGHT METAL CLAMPS

	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE CIVIL ENGINEERING DE LA CONSTRUCTION	PARALLEL ASSEMBLING	SCREW
AB-M6 AB-M6 Z	APPLICATIONS: Gas, Sanitation, Electric										P. 54	
	Ø 8 - Ø 63	70 - 100	 AB-M6  AB-M6 Z	1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
AB-M7 Z	APPLICATIONS: Gas Sanitation Electric										P. 57	
	Ø 8 - Ø 63	70	 ZINC	0,8 - 1	11	-	Embed M7	-	-	-	-	-
AB-D6 AB-D6 Z	APPLICATIONS: Gas, Sanitation, Electric										P. 55	
	Ø 12 - Ø 28	100	 AB-D6  AB-D6 Z	1	12	-	Embed M6	-	-	-	✓	-
AB-DZ 7	APPLICATIONS: Gas, Sanitation, Electric										P. 57	
	Ø 10 - Ø 28	70	 ZINC	0,8 - 1	11	-	Embed M7	-	-	-	✓	-
AB-6I	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 56	
	Ø 12 - Ø 60	70 - 100	 YELLOW	1 - 1,2	12	Fast lateral	Embed M6	-	✓	✓	-	-
AB-DI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 56	
	Ø 12 - Ø 60	100	 YELLOW	1	12	-	Embed M6	-	✓	✓	✓	-
AB-7I Z	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 58	
	Ø 12 - Ø 50	70	 ZINC	0,8 - 1	11	-	Embed M7	-	✓	✓	-	-
AB-7ID Z	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 58	
	Ø 10 - Ø 28	70	 ZINC	0,8 - 1	11	-	Embed M7	-	✓	✓	✓	-
AB-PI	APPLICATIONS: Sanitation, Electric										P. 59	
	Ø 6 - Ø 63	30	 ZINC	1,1 - 1,3	12,5 - 19	-	-	-	-	-	-	-
AB-PU	APPLICATIONS: Sanitation, Electric										P. 59	
	Ø 16 - Ø 63	30	 ZINC	1,2 - 1,4	12 - 20	-	-	-	-	-	-	-

SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE CIVIL ENGINEERING DE LA CONSTRUCTION	PARALLEL ASSEMBLING	SCREW
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AB-GM	APPLICATIONS: Gas								P. 64		
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Ø 12 - Ø 35	100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
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AB-GS	APPLICATIONS: Gas								P. 65		
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Ø 10 - Ø 54	70 - 100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
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AB-GD	APPLICATIONS: Gas								P. 65		
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Ø 12 - Ø 28	100		1 - 1,2	12	-	Embed M6	According to EN ISO 4892	-	-		Pre-assembled
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AB-CR	APPLICATIONS: Sanitation								P. 63		
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Ø 10 - Ø 12	70		1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
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AB-ITS									P. 63		
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15 - 28	-		1,0 - 1,2	20 - 33	-	-	-	-	-	-	-
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AB-ITD									P. 63		
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15 - 22	-		1,0	20 - 27	-	-	-	-	-	-	-
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AB-BU	APPLICATIONS: Sanitation, Industrial								P. 64		
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Ø 13 - Ø 21	-		0,6	9	-	-	-	-	-	-	Pre-assembled
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AB-SF	APPLICATIONS: Sanitation, Industrial								P. 61		
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Ø 8 - Ø 150	-		0,6 - 0,8	9	-	-	-	-	-	-	Pre-assembled
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AB-IP	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation								P. 60		
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-	-		1,5	20	-	-	-			-	ABT006015
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AB-SI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation								P. 60		
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3 / 25 Holes	-		3	20	-	-	-				ABT006015
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AB-M6

Pipe clamp M6

AB-M6

Yellow zinc-plated



ADVANTAGES

Fast installation
Lateral opening
Encased M6 bolt



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABM6008	8 (M6)	8	17,960	-	70	100	1.200
ABM6010	10 (M6)	10	18,597	1/8"	70	100	1.200
ABM6012	12 (M6)	12	18,373	-	70	100	1.200
ABM6014	14 (M6)	14	19,013	1/4"	70	100	1.200
ABM6015	15 (M6)	15	19,017	-	70	100	600
ABM6016	16 (M6)	16	19,553	-	70	100	600
ABM6018	18 (M6)	18	20,027	3/8"	70	100	600
ABM6020	20 (M6)	20	20,327	-	70	100	600
ABM6022	22 (M6)	22	21,247	1/2"	70	100	600
ABM6025	25 (M6)	25	22,320	-	70	100	600
ABM6026	26 (M6)	26	23,477	3/4"	70	100	400
ABM6028	28 (M6)	28	24,040	-	70	100	400
ABM6032	32 (M6)	32	26,623	1"	70	50	300
ABM6035	35 (M6)	35	29,920	-	70	50	300
ABM6037	37 (M6)	37	31,553	-	100	50	300
ABM6040	40 (M6)	40	34,267	-	100	50	300
ABM6042	42 (M6)	42	35,540	1 1/4"	100	50	300
ABM6047	47 (M6)	47	38,647	1 1/2"	100	50	200
ABM6050	50 (M6)	50	38,800	-	100	50	150
ABM6054	54 (M6)	54	45,113	-	100	50	150
ABM6060	60 (M6)	60	49,377	2"	100	50	150
ABM6063	63 (M6)	63	52,140	-	100	50	100

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABM6012	12 (M6)	5,731	20	5
LSABM6014	14 (M6)	5,843	20	5
LSABM6016	16 (M6)	5,948	20	5

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABM6018	18 (M6)	4,964	15	6
LSABM6022	22 (M6)	4,146	10	6
LSABM6028	28 (M6)	3,024	6	6

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABM6032	32 (M6)	2,687	4	6
LSABM6040	40 (M6)	3,084	4	5

AB-M6 Z

Zinc-plated



ADVANTAGES

Fast installation
Lateral opening
Encased M6 bolt



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABMZ6008	8 (M6)	8	17,960	-	70	100	1.200
ABMZ6010	10 (M6)	10	18,597	1/8"	70	100	1.200
ABMZ6012	12 (M6)	12	18,373	-	70	100	1.200
ABMZ6014	14 (M6)	14	19,013	1/4"	70	100	1.200
ABMZ6015	15 (M6)	15	19,373	-	70	100	600
ABMZ6016	16 (M6)	16	19,553	-	70	100	600
ABMZ6018	18 (M6)	18	20,027	3/8"	70	100	600
ABMZ6020	20 (M6)	20	20,327	-	70	100	600
ABMZ6022	22 (M6)	22	21,247	1/2"	70	100	600
ABMZ6025	25 (M6)	25	22,320	-	70	100	600
ABMZ6026	26 (M6)	26	23,477	3/4"	70	100	400
ABMZ6028	28 (M6)	28	24,040	-	70	100	400
ABMZ6032	32 (M6)	32	26,623	1"	70	50	300
ABMZ6035	35 (M6)	35	29,920	-	70	50	300
ABMZ6037	37 (M6)	37	32,143	-	100	50	300
ABMZ6040	40 (M6)	40	34,267	-	100	50	300
ABMZ6042	42 (M6)	42	35,540	1 1/4"	100	50	300
ABMZ6047	47 (M6)	47	38,647	1 1/2"	100	50	200
ABMZ6050	50 (M6)	50	38,800	-	100	50	150
ABMZ6054	54 (M6)	54	45,113	-	100	50	150
ABMZ6060	60 (M6)	60	49,377	2"	100	50	150
ABMZ6063	63 (M6)	63	52,140	-	100	50	100

Pipe clamp M6

AB-M6


Technical
info

STAINLESS
STEEL


CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABM6A2012	12 (M6)	12	229,473	1/4"	70	100	1.200
ABM6A2015	15 (M6)	14 - 15	233,623	-	70	100	600
ABM6A2018	18 (M6)	16 - 18	237,770	3/8"	70	100	600
ABM6A2020	20 (M6)	19 - 21	242,527	1/2"	70	100	600
ABM6A2022	22 (M6)	22 - 24	245,593	-	70	100	600
ABM6A2028	28 (M6)	25 - 30	259,383	3/4"	70	100	400

AB-M6 A2

A2 Stainless steel


ADVANTAGES
M6 soldered nut
Thickness 1,5 mm.

Double pipe clamp M6

AB-D6


Technical
info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABD6012	12 (M6)	12	29,547	-	100	50	600
ABD6015	15 (M6)	15	32,190	-	100	50	300
ABD6018	18 (M6)	18	35,360	3/8"	100	50	300
ABD6022	22 (M6)	22	40,100	1/2"	100	50	300
ABD6028	28 (M6)	28	47,003	-	100	50	200

Yellow zinc-plated


ADVANTAGES
For parallel assemblings
Encased M6 bolt

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABD6012	12 (M6)	3,153	5	6
LSABD6015	15 (M6)	3,255	5	6
LSABD6018	18 (M6)	3,349	5	6
LSABD6022	22 (M6)	3,255	4	6
LSABD6028	28 (M6)	4,001	4	6


Technical
info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABDZ6012	12 (M6)	12	29,547	-	100	50	600
ABDZ6015	15 (M6)	15	32,190	-	100	50	300
ABDZ6018	18 (M6)	18	35,360	3/8"	100	50	300
ABDZ6022	22 (M6)	22	40,100	1/2"	100	50	300
ABDZ6028	28 (M6)	28	47,003	-	100	50	200

AB-D6 Z

Zinc-plated


ADVANTAGES
For parallel assemblings
Encased M6 bolt

APPLICATION EXAMPLES



AB-6I

Isophonic pipe clamp M6



Technical
info

SANITATION



ADVANTAGES

Fast installation
Encased M6 bolt
TBC compliant

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
AB6I012	12 (M6)	12	28,413	1/8"	70	100	600
AB6I015	15 (M6)	15	29,210	1/4"	70	100	600
AB6I016	16 (M6)	16	30,500	-	70	100	600
AB6I018	18 (M6)	18	30,770	3/8"	70	100	600
AB6I022	22 (M6)	22	35,010	1/2"	70	100	400
AB6I026	26 (M6)	26	39,680	-	70	100	400
AB6I028	28 (M6)	28	41,287	3/4"	70	100	300
AB6I032	32 (M6)	32	43,230	-	70	50	200
AB6I035	35 (M6)	35	48,743	1"	70	50	200
AB6I042	42 (M6)	42	60,263	1 1/4"	100	50	150
AB6I048	48 (M6)	48	68,227	1 1/2"	100	50	100
AB6I054	54 (M6)	54	80,580	-	100	50	100
AB6I060	60 (M6)	60	85,597	2"	100	50	100



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSAB6I012	12 (M6)	4,666	10	6
LSAB6I015	15 (M6)	4,904	10	5
LSAB6I016	16 (M6)	4,933	10	6
LSAB6I018	18 (M6)	3,995	8	6
LSAB6I022	22 (M6)	3,646	6	6
LSAB6I028	28 (M6)	3,192	4	6

AB-DI

Double isophonic pipe clamp M6



Technical
info

SANITATION



ADVANTAGES

For parallel assemblings
Encased M6 bolt
TBC compliant

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABDI0012	12 (M6)	12	54,673	1/8"	100	50	300
ABDI0015	15 (M6)	15	65,210	1/4"	100	50	300
ABDI0018	18 (M6)	18	71,157	3/8"	100	50	200
ABDI0022	22 (M6)	22	81,963	1/2"	100	50	200
ABDI0028	28 (M6)	28	106,967	3/4"	100	50	150



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABDI0012	12 (M6)	3,677	5	6
LSABDI0015	15 (M6)	3,884	5	6
LSABDI0018	18 (M6)	3,162	3	6
LSABDI0022	22 (M6)	3,300	3	6

Pipe clamp M7. Zinc plated

AB-M7 Z



SANITATION



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


ADVANTAGES

Fast installation
Lateral opening
Encased M7 bolt

Double pipe clamp M7. Zinc plated

AB-D7 Z



SANITATION



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


ADVANTAGES

For parallel assemblings
Encased M7 bolt

AB-7I Z

Isophonic pipe clamp M7. Zinc plated



SANITATION



ADVANTAGES

Fast installation
Encased M7 bolt
TBC compliant

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

AB-7ID Z

Double isophonic pipe clamp M7. Zinc plated



SANITATION



ADVANTAGES

Fast installation
Encased M7 bolt
TBC compliant

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

Conduit clip with single hole

AB-PI



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABPI006	6	6	5,667	-	30	100	2.400
ABPI008	8	8	6,060	-	30	100	2.400
ABPI010	10	10	6,730	1/8"	30	100	2.400
ABPI012	12	12	7,103	1/4"	30	100	2.400
ABPI014	14	14	8,917	-	30	100	2.400
ABPI016	16	16	10,913	3/8"	30	100	1.200
ABPI018	18	18	11,847	-	30	100	1.200
ABPI020	20	20	14,080	1/2"	30	100	1.200
ABPI022	22	22	15,390	-	30	100	600
ABPI025	25	25	17,163	-	30	100	600
ABPI026	26	26	17,757	3/4"	30	100	600
ABPI028	28	28	18,643	-	30	100	600
ABPI032	32	32	25,470	1"	30	100	600
ABPI040	40	40	34,910	-	30	50	300
ABPI042	42	42	41,163	1 1/4"	30	50	300
ABPI047	47	47	42,897	1 1/2"	30	50	200
ABPI050	50	50	44,370	-	30	50	200
ABPI063	63	63	66,513	2"	30	50	200



CODE	SIZE	€/BAG	PCS BAG	BAGS
BZABPI016	16	1,820	2	15
BZABPI018	18	1,820	2	12
BZABPI020	20	1,820	2	10
BZABPI022	22	1,820	2	10
BZABPI025	25	1,820	2	10
BZABPI028	28	1,820	2	10
BZABPI032	32	1,820	2	10



CODE	SIZE	€/BAG	PCS BAG	BAGS
LSABPI016	16	4,314	20	5
LSABPI018	18	4,435	20	5
LSABPI020	20	4,608	20	5
LSABPI022	22	5,045	20	5
LSABPI025	25	4,615	15	5
LSABPI028	28	3,902	10	6
LSABPI032	32	3,231	6	6
LSABPI040	40	3,066	4	6

ADVANTAGES

Reinforced
Fast fixing
Single fixing point

APPLICATION EXAMPLES



Bridge conduit clip with double hole

AB-PU



SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABPU016	16	16	14,180	3/8"	75	100	1.200
ABPU018	18	18	14,853	-	75	100	1.200
ABPU020	20	20	15,020	1/2"	75	100	600
ABPU022	22	22	18,130	-	75	100	600
ABPU025	25	25	19,107	-	75	100	600
ABPU028	28	28	20,637	-	75	100	600
ABPU032	32	32	23,357	1"	75	50	300
ABPU037	37	37	27,947	-	75	50	300
ABPU040	40	40	32,730	-	75	50	300
ABPU050	50	50	42,647	-	75	50	200
ABPU063	63	63	57,817	2"	75	50	150



CODE	SIZE	€/BAG	PCS BAG	BAGS
LSABPU016	16	4,696	20	5
LSABPU018	18	4,964	20	5
LSABPU020	20	5,048	20	5
LSABPU022	22	5,716	20	5
LSABPU025	25	5,018	15	5
LSABPU028	28	4,175	10	6
LSABPU032	32	3,074	6	6
LSABPU037	37	2,759	4	6
LSABPU040	40	2,801	4	6
LSABPU050	50	3,153	4	6
LSABPU063	63	3,430	4	6

ADVANTAGES

Reinforced
Fast fixing
Two fixing points

APPLICATION EXAMPLES



AB-IP

Isophonic bridge conduit clip

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SANITATION



CODE	SIZE	ØD(mm)	€/100	HOLE NUM	SIZE IN INCHES		
ABIP015	15	15	55,010	3	-	50	600
ABIP018	18	18	60,617	3	3/8"	50	300
ABIP022	22	22	66,510	3	1/2"	50	300
ABIP026	26	26	77,733	4	3/4"	50	300
ABIP028	28	28	83,100	4	-	50	300
ABIP035	35	35	94,510	4	1"	50	150
ABIP042	42	42	102,803	4	1 1/4"	25	100
ABIP048	48	48	111,100	4	1 1/2"	25	100
ABIP054	54	54	123,583	5	-	25	100
ABIP060	60	60	139,180	5	2"	25	75
ABIP067	67	67	154,790	5	-	25	75
ABIP075	75	75	165,133	6	2 1/2"	25	75
ABIP090	90	90	195,157	6	3"	25	75

AB-SI

Fixing plate for Isophonic bridge conduit clip

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Technical
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SANITATION



AB-SI

Fixing plate for Isophonic bridge conduit clip



ADVANTAGES

For parallel assemblings
Fast and easy installation
TBC compliant

CODE	SIZE	METRIC DRILL	€/100	HOLE NUM		
ABSI003	3	M6	186,877	3	25	-
ABSI004	4	M6	217,540	4	25	-
ABSI005	5	M6	250,057	5	25	150
ABSI006	6	M6	281,567	6	25	-
ABSI007	7	M6	315,020	7	25	-
ABSI008	8	M6	345,893	8	25	-
ABSI009	9	M6	376,967	9	25	-
ABSI010	10	M6	395,097	10	25	-
ABSI011	11	M6	432,010	11	25	-
ABSI012	12	M6	464,333	12	25	-
ABSI013	13	M6	494,630	13	25	-
ABSI014	14	M6	519,943	14	25	-
ABSI015	15	M6	552,680	15	25	-
ABSI016	16	M6	583,797	16	10	-
ABSI017	17	M6	628,333	17	10	-
ABSI018	18	M6	682,270	18	10	-
ABSI019	19	M6	690,250	19	10	-
ABSI020	20	M6	744,147	20	10	-
ABSI021	21	M6	752,057	21	10	-
ABSI022	22	M6	784,393	22	10	-
ABSI025	25	M6	925,847	25	10	-

AB-TO

Screw for AB-IP



SANITATION



CODE	SIZE	€/100	
ABTO06015	M6 x 15	8,340	100

APPLICATION EXAMPLES



Hose clamp

AB-SF



Technical
info

SANITATION



AB-SF

Zinc-plated

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ASF008016	8-16	8-16	27,337	5/16"- 5/8"	100	1.200
ASF012022	12-22	12-22	28,207	1/2"- 7/8"	100	600
ASF016027	16-27	16 - 27	29,697	5/8"- 1 1/16"	100	600
ASF020032	20-32	20 - 32	33,300	3/4"- 1 1/4"	100	600
ASF025040	25-40	25 - 40	38,850	1"- 1 5/8"	100	400
ASF030045	30-45	30 - 45	43,373	1 3/16"- 1 3/4"	100	300
ASF035050	35-50	35 - 50	43,627	1 3/8"- 2"	100	200
ASF040060	40-60	40 - 60	50,527	1 5/8"- 2 3/8"	100	200
ASF050070	50-70	50 - 70	56,023	2"- 2 3/4"	50	100
ASF060080	60-80	60 - 80	58,730	2 3/8"- 3 1/8"	50	100
ASF070090	70-90	70 - 90	64,753	2 3/4"- 3 1/2"	50	-
ASF080100	80-100	80 - 100	69,927	3 1/8"- 4"	50	-
ASF090110	90-110	90 - 110	77,537	3 1/2"- 4 3/8"	50	-
ASF100120	100-120	100 - 120	85,100	4"- 4 3/4"	25	-
ASF110130	110-130	110 - 130	87,537	4 3/8"- 5 1/8"	25	-
ASF120140	120-140	120 - 140	93,177	4 3/4"- 5 1/2"	25	-
ASF130150	130-150	130 - 150	96,390	5 1/8"- 5 7/8"	25	-



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZASF008016	8-16	2,302	2	20
BZASF012022	12-22	2,302	2	20
BZASF016027	16-27	2,302	2	20
BZASF020032	20-32	2,302	2	10
BZASF025040	25-40	2,302	2	10



Self-service

CODE	SIZE	€/BAG	PCS 	BAGS
LSASF008016	8-16	6,709	15	7
LSASF012022	12-22	5,866	12	7
LSASF016027	16-27	6,011	12	7
LSASF020032	20-32	5,716	10	7
LSASF025040	25-40	3,983	6	7
LSASF030045	30-45	4,389	6	7
LSASF035050	35-50	4,428	6	7
LSASF040060	40-60	3,634	4	7
LSASF050070	50-70	3,884	4	7



Technical
info

STAINLESS
STEEL

AB-SF A2

A2 Stainless steel

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ASF2010016	10-16	10-16	78,667	-	100	1.200
ASF2012020	12-20	12-20	80,623	1/2"- 7/8"	100	600
ASF2016027	16-27	16 - 27	84,100	5/8"- 1 1/16"	100	600
ASF2020032	20-32	20 - 32	94,850	3/4"- 1 1/4"	100	600
ASF2025040	25-40	25 - 40	103,640	1"- 1 5/8"	100	200
ASF2032050	32-50	32 - 50	144,253	1 3/8"- 2"	100	300
ASF2040060	40-60	40 - 60	153,163	1 5/8"- 2 3/8"	100	200
ASF2050070	50-70	50 - 70	159,847	2"- 2 3/4"	50	100
ASF2060080	60-80	60 - 80	168,033	2 3/8"- 3 1/8"	50	100
ASF2070090	70-90	70 - 90	176,967	2 3/4"- 3 1/2"	50	100
ASF2080100	80-100	80 - 100	182,903	3 1/8"- 4"	50	100
ASF2090110	90-110	90 - 110	213,293	3 1/2"- 4 3/8"	50	100
ASF2100120	100-120	100 - 120	221,667	4"- 4 3/4"	25	25
ASF2110130	110-130	110 - 130	230,020	4 3/8"- 5 1/8"	25	25
ASF2120140	120-140	120 - 140	241,733	4 3/4"- 5 1/2"	25	25
ASF2130150	130-150	130 - 150	250,940	5 1/8"- 5 7/8"	25	25



ADVANTAGES

Stainless Steel A2 screw, band and housing
For several pipe Ø
Medium torque capacity

APPLICATION EXAMPLES



AB-SF IR

Stainless hose clamp roll

AB-SF IR

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



STAINLESS
STEEL



CODE	SIZE	€/PC		
ASFIR03	9 x 0,6 mm/ 3 m	12,224	1	50

AB-SF IRC

Head. Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100		
ASFIRCA	Cabezal	87,327	50	1.000

AB-SF IRR

Roll 30 m. Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/PC		
ASFIR30	9 x 0,6 mm/ 30 m	43,662	1	10

CI-PE

Fixing band

CI-PE

Round fixing band ATLANTIS C2-M



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SANITATION



CODE	SIZE	€/PC	MIN. ORDER QTY.		
CIPE1208	12 x 0,8 x 10 m	6,792	10	1	40
CIPE1708	17 x 0,8 x 10 m	9,138	10	1	30



CI-PE A2

Round fixing band. A2 Stainless steel



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STAINLESS
STEEL



CODE	SIZE	€/PC		
CIPEA21708	17 x 0,8 x 10 m	32,706	1	30



Fixing band

CI-PE

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info

SANITATION



CI-PR

Straight fixing band ATLANTIS C2-M



Chromed pipe clamp M6

AB-CR

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info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABCR010	10 (M6)	10	32,837	1/8"	70	100	1.200
ABCR012	12 (M6)	12	34,597	1/4"	70	100	1.200



APPLICATION EXAMPLES



Stainless steel clamp Indextube

AB-IT

SANITATION



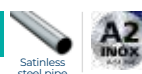
CODE	SIZE	€/100		
ABITS015	15	122,600	100	600
ABITS018	18	132,847	100	400
ABITS022	22	196,913	100	400
ABITS028	28	264,693	100	300

AB-ITS

Simple



SANITATION



CODE	SIZE	€/100		
ABITD015	15	453,273	50	300
ABITD018	18	513,180	50	200
ABITD022	22	643,220	50	100

AB-ITD

Double



AB-BU

Butane clamp



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SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ABBU1315	13 - 15	13-15	32,290	1/2" - 9/16"	50	600
ABBU1618	16 - 18	16-18	32,290	5/8" - 11/16"	50	600
ABBU1921	19 - 21	19-21	43,897	3/4" - 13/16"	50	600

APPLICATION EXAMPLES



AB-GM

Pipe clamp for gas yellow coated with chipboard screw



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SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABGM012	12 (M6)	12	38,913	1/4"	70	100	600
ABGM015	15 (M6)	15	41,283	-	70	100	600
ABGM018	18 (M6)	18	42,410	3/8"	70	100	600
ABGM022	22 (M6)	22	44,787	1/2"	70	50	200
ABGM028	28 (M6)	28	47,293	3/4"	70	50	200
ABGM035	35 (M6)	35	56,973	-	70	50	200

According to a
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

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info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABGS010	10 (M6)	10	36,600	1/8"	70	100	600
ABGS012	12 (M6)	12	37,250	1/4"	70	100	600
ABGS015	15 (M6)	15	38,077	-	70	100	600
ABGS018	18 (M6)	18	39,130	3/8"	70	100	600
ABGS022	22 (M6)	22	42,913	1/2"	70	50	200
ABGS028	28 (M6)	28	45,307	3/4"	70	50	200
ABGS035	35 (M6)	35	52,533	-	70	50	200
ABGS042	42 (M6)	42	57,953	1 1/4"	70	25	100
ABGS054	54 (M6)	54	78,130	-	70	25	100



According to a
UNE-EN ISO 4892

ADVANTAGES

Lateral opening
Assembled chipboard screw
For gas pipes

Self-service

CODE	SIZE	€/BAG	PCS 	BAGS 
LSABGS015	15 (M6)	5,987	10	6
LSABGS018	18 (M6)	4,946	8	6
LSABGS022	22 (M6)	4,494	6	6

Double pipe clamp for gas black coated M6 with chipboard screw

AB-GD

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info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABGD012	12 (M6)	12	50,670	-	100	50	300
ABGD015	15 (M6)	15	54,707	-	100	50	300
ABGD018	18 (M6)	18	56,210	3/8"	100	50	300
ABGD022	22 (M6)	22	61,340	1/2"	100	50	200
ABGD028	28 (M6)	28	83,057	-	100	50	200



According to a
UNE-EN ISO 4892

ADVANTAGES

For parallel assemblings
Assembled chipboard screw

APPLICATION EXAMPLES





FIRE PROTECTION SYSTEMS

AB-PE

Sprinkler pipe clamp

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SANITATION

Steel pipe

Fire fighting pipes

Z
ZINC



ADVANTAGES

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

CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABPE028	28 (M10)	DN 20	89,497	3/4"	154	50	200
ABPE035	35 (M10)	DN 25	93,863	1"	186	50	200
ABPE040	40 (M10)	DN 32	109,873	1 1/4"	195	50	200
ABPE048	48 (M10)	DN 40	110,480	1 1/2"	236	50	200
ABPE060	60 (M10)	DN 50	125,150	2"	288	50	200
ABPE075	75 (M10)	DN 65	144,723	2 1/2"	426	25	100
ABPE090	90 (M10)	DN 80	162,983	3"	481	25	100
ABPE100	100 (M10)	DN 90	200,853	3 1/2"	569	25	100
ABPE115	115 (M10)	DN 100	271,713	4"	669	25	100
ABPE140	140 (M12)	DN 125	484,110	5"	907	10	40
ABPE160	160 (M12)	DN 150	565,627	6"	1186	10	40
ABPE220	220 (M12)	DN 200	989,850	8"	1723	10	40

APPLICATION EXAMPLES



AB-CH

Clevis hanger clamp

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SANITATION

Z
ZINC



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

CODE	ASSESSMENT	SIZE	ØD(mm)	€/100	
ABCH00034	UL	3/4"	28	265,990	50
ABCH01000	UL	1"	35	280,723	50
ABCH01014	UL	1 1/4"	42	282,473	50
ABCH01012	UL	1 1/2"	48	304,990	50
ABCH02000	UL	2"	60	312,313	50
ABCH02012	UL & FM	2 1/2"	75	568,967	30
ABCH03000	UL & FM	3"	90	586,990	25
ABCH04000	UL & FM	4"	115	1.077,587	25
ABCH05000	UL & FM	5"	140	1.494,980	25
ABCH06000	UL & FM	6"	160	2.115,863	10
ABCH08000	UL & FM	8"	220	3.171,697	10
ABCH10000	UL	10"	275	5.409,553	1
ABCH12000	UL	12"	325	7.180,697	1
ABCH14000	-	14"	355	9.273,870	1
ABCH16000	-	16"	405	13.320,037	1

Fire-rated collar for multiple diameters

AB-CI

METAL



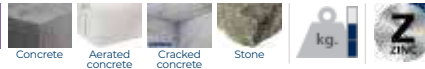
CODE	SIZE	€/PC	
ABCIKIT25	2,5 m x 50 mm	484,513	1
ABCIKIT30	3 m x 50 mm	572,727	1



Ceiling wedge anchor ETA Assessed

AN-CU

SOLID



CODE	SIZE	€/100	DRILL Ø		
ANCU06040	6 x 40 Ø6	26,587	6	100	1.200
ANCU06070	6 x 70 Ø6	41,673	6	100	1.200





GUTTER SUPPORTS

TE

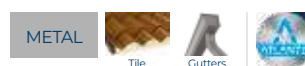
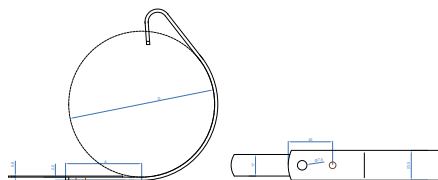
Spiral anchor

TE-MO

Module for PVC channel



CODE	ØD(mm)	A(MM)	€/100	
TEM025	100	60	247,690	50
TEM033	150	80	305,280	50

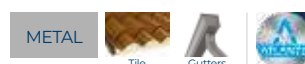
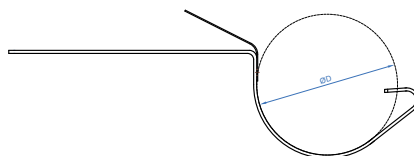


TE-GA

Hook for PVC channel



CODE	ØD(mm)	€/100	
TEGA25	100	373,407	50
TEGA33	150	390,123	50

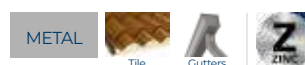
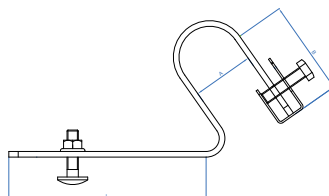


TE-GR

Big tile plate



CODE	A(MM)	B(MM)	L(MM)	€/100	
TEGR2530	35	50	80	241,920	50

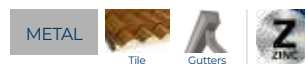
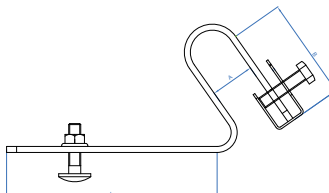


TE-PE

Tile plate



CODE	A(MM)	B(MM)	L(MM)	€/100	
TEPE2530	22	50	100	225,910	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

BN

MULTI-MATERIAL



BN-N

Black

CODE	SIZE	€/100		
BN25080	2,5 x 80	1,227	100	1.000
BN25100	2,5 x 100	1,397	100	1.000
BN25140	2,5 x 140	2,077	100	1.000
BN25160	2,5 x 160	2,303	100	1.000
BN25200	2,5 x 200	2,997	100	1.000
BN36140	3,6 x 140	2,867	100	1.000
BN36200	3,6 x 200	3,903	100	1.000
BN36250	3,6 x 250	5,297	100	1.000
BN36300	3,6 x 300	6,343	100	1.000
BN36370	3,6 x 370	8,597	100	1.000
BN48120	4,8 x 120	4,180	100	1.000
BN48160	4,8 x 160	4,647	100	1.000
BN48180	4,8 x 180	4,960	100	1.000
BN48200	4,8 x 200	5,070	100	1.000
BN48250	4,8 x 250	7,327	100	1.000
BN48290	4,8 x 290	7,933	100	1.000
BN48370	4,8 x 370	10,223	100	1.000
BN48430	4,8 x 430	14,470	100	1.000
BN76150	7,6 x 150	11,260	100	1.000
BN76200	7,6 x 200	12,060	100	1.000
BN76290	7,6 x 290	15,187	100	1.000
BN76370	7,6 x 370	19,713	100	1.000
BN76450	7,6 x 450	30,023	100	1.000
BN76540	7,6 x 540	37,123	100	1.000
BN88770	8,8 x 770	65,807	50	1.000
BN12225	12,5 x 225	43,007	50	500
BN12500	12,5 x 500	90,767	50	500
BN12720	12,5 x 720	128,930	50	500
BN12850	12,5 x 850	149,097	50	500
BN12100	12,5 x 1000	183,063	50	500



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZBN25100	2,5 x 100	1,820	20	20
BZBN25160	2,5 x 160	1,820	20	20
BZBN25200	2,5 x 200	1,820	20	20
BZBN36140	3,6 x 140	1,820	20	20
BZBN36200	3,6 x 200	1,820	20	20
BZBN36300	3,6 x 300	2,302	20	15
BZBN48160	4,8 x 160	2,302	20	15
BZBN48200	4,8 x 200	2,302	20	15
BZBN48290	4,8 x 290	2,302	10	15
BZBN48370	4,8 x 370	2,302	10	15



Display for counter

CODE	SIZE	€/BAG	PCS 	BAGS
CKBN25080	2,5 x 80	1,285	100	30
CKBN25100	2,5 x 100	1,465	100	30
CKBN25140	2,5 x 140	2,174	100	30
CKBN25160	2,5 x 160	2,414	100	20
CKBN25200	2,5 x 200	3,144	100	20
CKBN36140	3,6 x 140	3,007	100	20
CKBN36200	3,6 x 200	4,096	100	20
CKBN36300	3,6 x 300	6,661	100	10
CKBN36370	3,6 x 370	9,021	100	10
CKBN48120	4,8 x 120	4,392	100	20
CKBN48160	4,8 x 160	4,883	100	20
CKBN48180	4,8 x 180	5,201	100	20
CKBN48200	4,8 x 200	5,327	100	20
CKBN48250	4,8 x 250	7,692	100	10
CKBN48290	4,8 x 290	8,325	100	10
CKBN48370	4,8 x 370	10,731	100	10
CKBN76200	7,6 x 200	12,663	100	10
CKBN76290	7,6 x 290	15,946	100	10
CKBN76370	7,6 x 370	20,696	100	8
CKBN12225	12,5 x 225	22,575	50	10



BN

Nylon cable tie

BN-B

White



MULTI-MATERIAL



CODE	SIZE	€/100		
BB25080	2,5 x 80	1,227	100	1.000
BB25100	2,5 x 100	1,397	100	1.000
BB25140	2,5 x 140	2,077	100	1.000
BB25160	2,5 x 160	2,303	100	1.000
BB25200	2,5 x 200	2,997	100	1.000
BB36140	3,6 x 140	2,867	100	1.000
BB36200	3,6 x 200	3,903	100	1.000
BB36250	3,6 x 250	5,297	100	1.000
BB36300	3,6 x 300	6,343	100	1.000
BB36370	3,6 x 370	8,597	100	1.000
BB48120	4,8 x 120	4,180	100	1.000
BB48160	4,8 x 160	4,647	100	1.000
BB48180	4,8 x 180	4,960	100	1.000
BB48200	4,8 x 200	5,070	100	1.000
BB48250	4,8 x 250	7,327	100	1.000
BB48290	4,8 x 290	7,933	100	1.000
BB48370	4,8 x 370	10,223	100	1.000
BB48430	4,8 x 430	14,470	100	1.000
BB76150	7,6 x 150	11,260	100	1.000
BB76200	7,6 x 200	12,060	100	1.000
BB76290	7,6 x 290	15,187	100	1.000
BB76370	7,6 x 370	19,713	100	1.000
BB76450	7,6 x 450	30,023	100	1.000
BB76540	7,6 x 540	37,123	100	1.000
BB88770	8,8 x 770	65,807	50	1.000
BB12225	12,5 x 225	43,007	50	500
BB12500	12,5 x 500	90,767	50	500
BB12720	12,5 x 720	128,930	50	500
BB12850	12,5 x 850	149,097	50	500
BB12100	12,5 x 1000	183,063	50	500



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZBB25100	2,5 x 100	1,820	20	20
BZBB25160	2,5 x 160	1,820	20	20
BZBB25200	2,5 x 200	1,820	20	20
BZBB36140	3,6 x 140	1,820	20	20
BZBB36200	3,6 x 200	1,820	20	20
BZBB36300	3,6 x 300	2,302	20	15
BZBB48160	4,8 x 160	2,302	20	15
BZBB48200	4,8 x 200	2,302	20	15
BZBB48290	4,8 x 290	2,302	10	15
BZBB48370	4,8 x 370	2,302	10	15



Display for counter

CODE	SIZE	€/BAG	PCS 	BAGS
CKBB25080	2,5 x 80	1,285	100	30
CKBB25100	2,5 x 100	1,465	100	30
CKBB25140	2,5 x 140	2,174	100	30
CKBB25160	2,5 x 160	2,414	100	20
CKBB25200	2,5 x 200	3,144	100	20
CKBB36140	3,6 x 140	3,007	100	20
CKBB36200	3,6 x 200	4,096	100	20
CKBB36300	3,6 x 300	6,661	100	10
CKBB36370	3,6 x 370	9,021	100	10
CKBB48120	4,8 x 120	4,392	100	20
CKBB48160	4,8 x 160	4,883	100	20
CKBB48180	4,8 x 180	5,201	100	20
CKBB48200	4,8 x 200	5,327	100	20
CKBB48250	4,8 x 250	7,692	100	20
CKBB48290	4,8 x 290	8,325	100	10
CKBB48370	4,8 x 370	10,731	100	10
CKBB76200	7,6 x 200	12,663	100	10
CKBB76290	7,6 x 290	15,946	100	10
CKBB76370	7,6 x 370	20,696	100	8
CKBB12225	12,5 x 225	22,575	50	8



Nylon cable tie. Colours

BN-CO

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100GR	2,5 x 100	1,883	100	50.000
BC36140GR	3,6 x 140	3,440	100	30.000
BC36200GR	3,6 x 200	4,840	100	25.000
BC48200GR	4,8 x 200	6,147	100	16.000
BC48290GR	4,8 x 290	9,657	100	11.000

BN-GR

Gray



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100VE	2,5 x 100	1,537	100	50.000
BC36140VE	3,6 x 140	3,890	100	30.000
BC36200VE	3,6 x 200	5,003	100	25.000
BC48200VE	4,8 x 200	6,850	100	16.000
BC48290VE	4,8 x 290	10,233	100	11.000

BN-VE

Green



Display for counter

CODE	SIZE	€/BAG	PCS	BAGS
CKBC25100VE	2,5 x 100	1,614	100	30
CKBC36140VE	3,6 x 140	4,090	100	20
CKBC36200VE	3,6 x 200	5,247	100	20
CKBC48200VE	4,8 x 200	7,196	100	20
CKBC48290VE	4,8 x 290	10,745	100	10

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100MA	2,5 x 100	1,537	100	50.000
BC36140MA	3,6 x 140	3,890	100	30.000
BC36200MA	3,6 x 200	5,003	100	25.000
BC48200MA	4,8 x 200	6,850	100	16.000
BC48290MA	4,8 x 290	10,233	100	11.000

BN-MA

Brown



Display for counter

CODE	SIZE	€/BAG	PCS	BAGS
CKBC25100MA	2,5 x 100	1,614	100	30
CKBC36140MA	3,6 x 140	4,090	100	20
CKBC36200MA	3,6 x 200	5,247	100	20
CKBC48200MA	4,8 x 200	7,196	100	18
CKBC48290MA	4,8 x 290	10,745	100	10

MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100AM	2,5 x 100	1,537	100	50.000
BC36140AM	3,6 x 140	3,890	100	30.000
BC36200AM	3,6 x 200	5,003	100	25.000
BC48200AM	4,8 x 200	6,850	100	16.000
BC48290AM	4,8 x 290	10,233	100	11.000

BN-AM

Yellow





BN-CO

Nylon cable tie. Colours

BN-AZ

Blue



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100AZ	2,5 x 100	1,537	100	50.000
BC36140AZ	3,6 x 140	3,890	100	30.000
BC36200AZ	3,6 x 200	5,003	100	25.000
BC48200AZ	4,8 x 200	6,850	100	16.000
BC48290AZ	4,8 x 290	10,233	100	11.000



Display for counter

CODE	SIZE	€/BAG	PCS	BAGS
CKBC25100AZ	2,5 x 100	1,614	100	30
CKBC36140AZ	3,6 x 140	4,090	100	20
CKBC36200AZ	3,6 x 200	5,247	100	20
CKBC48200AZ	4,8 x 200	7,196	100	18
CKBC48290AZ	4,8 x 290	10,745	100	10

BN-RO

Red



MULTI-MATERIAL



CODE	SIZE	€/100		
BC25100RO	2,5 x 100	1,537	100	50.000
BC36140RO	3,6 x 140	3,890	100	30.000
BC36200RO	3,6 x 200	5,003	100	25.000
BC48200RO	4,8 x 200	6,850	100	16.000
BC48290RO	4,8 x 290	10,233	100	11.000



Display for counter

CODE	SIZE	€/BAG	PCS	BAGS
CKBC25100RO	2,5 x 100	1,614	100	30
CKBC36140RO	3,6 x 140	4,090	100	20
CKBC36200RO	3,6 x 200	5,247	100	20
CKBC48200RO	4,8 x 200	7,196	100	18
CKBC48290RO	4,8 x 290	10,745	100	10

BN-DT

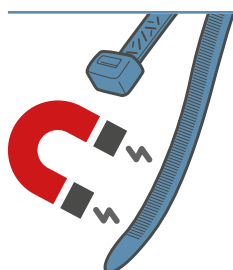
Detectable cable tie



MULTI-MATERIAL



CODE	SIZE	€/100		
BNDT25100	2,5 x 100	4,247	100	50.000
BNDT36150	3,6 x 150	9,903	100	30.000
BNDT36200	3,6 x 200	12,730	100	25.000
BNDT48200	4,8 x 200	15,557	100	16.000
BNDT48300	4,8 x 300	24,040	100	11.000
BNDT48370	4,8 x 370	33,943	100	8.000
BNDT76370	7,6 x 370	62,233	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.

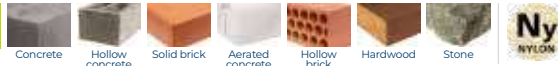
** APPCC: Hazard Analysis and Critical Control Points.



Cable tie plug

TACOBRI

MULTI-MATERIAL



CODE	SIZE	COLOR	€/100		
TACOBRI6	Ø6	BLACK	6,080	100	5.000
TACOBRI8	Ø8	BLACK	5,700	100	5.000



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZTABRI6	Ø6	1,820	4	15
BZTABRI8	Ø8	1,820	4	15



Display for counter

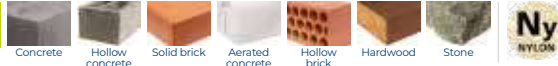
CODE	SIZE	€/BAG	PCS	BAGS
CKTACOBRI6	Ø6	6,380	100	10
CKTACOBRI8	Ø8	5,983	100	10

TACOBRI N

Black



MULTI-MATERIAL



CODE	SIZE	COLOR	€/100		
TACOBRI6	Ø6	WHITE	6,213	100	5.000
TACOBRI8	Ø8	WHITE	5,700	100	5.000



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZTABRI6	Ø6	1,820	4	15
BZTABRI8	Ø8	1,820	4	15



Display for counter

CODE	SIZE	€/BAG	PCS	BAGS
CKTACOBRI6	Ø6	6,522	100	10
CKTACOBRI8	Ø8	5,983	100	10

TACOBRI B

White



MULTI-MATERIAL



CODE	SIZE	COLOR	€/100		
TACOBRI8	Ø8	GREY	7,480	100	5.000

TACOBRI G

Gray



Nylon cable tie for identification

BN-ID

MULTI-MATERIAL



CODE	SIZE	€/100		
BID25110	2,5 x 110	10,647	100	16.000
BID25210	2,5 x 210	23,423	100	12.000



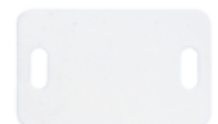
Identification plaque for nylon cable ties up to 4,8 mm.

BN-PL

MULTI-MATERIAL



CODE	SIZE	€/100		
BPL02616	26,4 x 16,2	25,103	100	5.000



BN-BA

Two-way, adhesive base for nylon cable ties



MULTI-MATERIAL



CODE	SIZE	COLOR	€/100		
BBANA19	19 x 19	WHITE	21,743	100	15.000
BBANA27	27 x 27	WHITE	31,103	100	6.000
BBANE19	19 x 19	BLACK	21,743	100	15.000
BBANE27	27 x 27	BLACK	31,103	100	6.000

AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert



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SANITATION



CODE	SIZE	ØD(mm)	€/100		
ABIN012	12	12	25,807	100	1.200
ABIN014	14-15	14-15	28,067	100	600
ABIN016	16-18	16-18	35,313	100	600
ABIN020	20-22	20-22	36,987	100	400
ABIN025	25	25	46,870	50	300
ABIN028	28	28	47,857	50	300
ABIN032	32	32	64,157	25	150
ABIN035	35	35	72,800	25	300

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABIN012	12	5,361	10	6
LSABIN014	14-15	5,611	10	5
LSABIN016	16-18	5,214	8	6
LSABIN020	20-22	4,525	6	5
LSABIN028	28	4,125	4	6

INSTALLATION

CHANNEL



ADVANTAGES

Pressure fixing
With brass socket M6

AB-ID

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



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SANITATION



CODE	SIZE	ØD(mm)	€/100		
ABID012	12	12	62,743	50	200
ABID014	14-15	14-15	65,863	50	300
ABID016	16-18	16-18	84,040	50	200
ABID020	20-22	20-22	89,027	50	150
ABID028	28	28	109,917	25	100

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABID012	12	5,523	6	6
LSABID014	14-15	5,749	6	5
LSABID016	16-18	3,357	2	6
LSABID020	20-22	3,453	2	6
LSABID028	28	3,868	2	6

INSTALLATION

CHANNEL



ADVANTAGES

For parallel assemblings
Pressure fixing
With brass socket M6

APPLICATION EXAMPLES



AB-GU

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SANITATION



CODE	SIZE	ØD(mm)	€/100		
ABGUG15	15	15	21,263	100	400
ABGUG18	18	18	21,477	100	400
ABGUG20	20	20	22,603	100	400
ABGUG22	22	22	23,943	100	300
ABGUG25	25	25	26,603	50	300
ABGUG28	28	28	33,277	50	200
ABGUG32	32	32	36,233	25	150
ABGUG40	40	40	48,190	25	150
ABGUG50	50	50	57,793	25	100



ADVANTAGES

With pre-thread M6



 Self-service

CODE	SIZE	€/BAG	PCS 	BAGS 
LSABGUG15	15	3,216	8	6
LSABGUG18	18	2,945	6	6
LSABGUG20	20	2,524	4	7
LSABGUG22	22	2,641	4	7
LSABGUG25	25	2,331	2	6
LSABGUG28	28	2,370	2	6
LSABGUG32	32	2,488	2	6
LSABGUG40	40	2,677	2	6
LSABGUG50	50	2,873	2	6

INSTALLATION

CHANNEL

GUM

ANCHOR + SCREW



Multiuse pipe clamp

AB-MUG

Technical
info

SANITATION



CODE	SIZE	ØD(mm)	€/100		
ABMUG15	15-16	15	20,877	100	400
ABMUG18	18-20	18	26,317	100	400
ABMUG22	22-25	22	31,263	100	300
ABMUG26	26-28	26	39,047	50	150
ABMUG32	32-35	32	50,393	50	150
ABMUG40	40-42	40	68,180	50	100
ABMUG48	48-50	42	81,950	25	75



ADVANTAGES

For several pipe Ø
With pre-thread M6



 Self-service

CODE	SIZE	€/BAG	PCS 	BAGS 
LSABMUG15	15-16	3,228	8	6
LSABMUG18	18-20	3,138	6	6
LSABMUG22	22-25	2,792	4	7
LSABMUG26	26-28	2,392	2	6
LSABMUG32	32-35	2,620	2	6

INSTALLATION

CHANNEL

GU

ANCHOR + SCREW



AB-PR

Duty pipe clamp with pre-thread M6



SANITATION



CODE	SIZE	ØD(mm)	€/100		
ABPRG15	15-18	15-18	23,473	100	400
ABPRG20	20-22	20-22	24,230	100	400
ABPRG25	25-28	25-28	29,330	100	300
ABPRG32	32-35	32-35	41,333	25	150
ABPRG40	40	40	53,350	25	150
ABPRG50	50	50	67,240	25	100



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABPRG15	15-18	3,541	8	6
LSABPRG20	20-22	2,816	4	5
LSABPRG25	25-28	2,638	3	6

ADVANTAGES

Pressure fixing
With pre-thread M6
Clip for parallel unions

INSTALLATION

CHANNEL

GUN

ANCHOR + SCREW



BARREL FOR ELECTRICIANS

AB-MS

Multitube clamp + plug. Single



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SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD		
ABMS10	5 x 20 Ø5	10	31,460	9	100	1.200
ABMS12	5 x 20 Ø5	12	33,533	9	100	1.200
ABMS14	6 x 25 Ø6	14	46,743	15	100	600
ABMS16	6 x 25 Ø6	16	48,247	15	100	600
ABMS18	8 x 30 Ø8	18	63,443	16	100	300
ABMS20	8 x 30 Ø8	20	64,953	16	50	300
ABMS22	8 x 30 Ø8	22	66,393	16	50	300
ABMS26	10 x 40 Ø10	26	124,960	30	50	150
ABMS28	10 x 40 Ø10	28	126,960	30	50	150

AB-MD

Multitube clamp + plug. Double



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SANITATION



CODE	SIZE	ØD(mm)	€/100	MAXIMUM LOAD		
ABMD10	8 x 30 Ø8	10	62,213	16	100	300
ABMD12	8 x 30 Ø8	12	63,477	16	100	300
ABMD14	8 x 30 Ø8	14	64,743	16	100	300
ABMD16	8 x 30 Ø8	16	63,727	16	100	300
ABMD18	10 x 40 Ø10	18	90,033	30	100	200
ABMD20	10 x 40 Ø10	20	95,567	30	50	150
ABMD22	10 x 40 Ø10	22	98,430	30	50	150
ABMD26	10 x 40 Ø10	26	157,130	30	50	100
ABMD28	10 x 40 Ø10	28	158,337	30	50	100

INDEXring tube fixing plug

AB-T

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Technical
info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ABTS014	14	14 - 15	29,143	-	100	600
ABTS016	16	16 - 17	30,190	3/8"	100	400
ABTS018	18	18 - 19	32,627	-	100	400
ABTS020	20	20 - 21	33,170	1/2"	100	300
ABTS022	22	22 - 23	34,020	-	100	300
ABTS025	25	25 - 26	35,120	3/4"	100	300
ABTS028	28	28 - 29	41,697	-	100	200
ABTS032	30	30 - 32	53,740	-	50	150

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABTS018	18	3,525	6	6
LSABTS022	22	3,754	6	6

AB-TS

Simple



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info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ABTD016	16	15 - 16	35,537	3/8"	100	400
ABTD018	18	18 - 19	40,407	-	100	300
ABTD020	20	20 - 21	41,370	1/2"	100	200
ABTD022	22	22 - 23	44,550	-	100	200
ABTD025	25	25 - 26	48,507	3/4"	100	200
ABTD028	28	28 - 29	64,647	-	50	150

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABTD018	18	3,288	4	6
LSABTD022	22	2,464	2	7

AB-TD

Double



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info

SANITATION



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ABTC020	20	20 - 21	68,830	1/2"	50	100
ABTC025	25	25 - 26	84,633	3/4"	50	100

AB-TC

Quadruple



ADVANTAGES

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

APPLICATION EXAMPLES





FI-CA

Cable clamp

FI-CA AB

Clamp



MULTI-MATERIAL



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

FI-CA PS

Single clamp



MULTI-MATERIAL



CODE	SIZE	€/100		
FICAPS080	80	76,667	50	1.500

FI-CA PD

Double clamp



MULTI-MATERIAL



CODE	SIZE	€/100		
FICAPD160	80 (x2)	113,333	50	800

FI-CA CL

Clip



MULTI-MATERIAL



CODE	SIZE	€/100	DRILL		
FICACL13	Ø13	16,333	6	200	2.400
FICACL26	Ø16	21,667	6	100	1.200

Cable clamp

FI-CA

SANITATION



CODE	SIZE	SUITABLE FOR	€/100	MIN. ORDER QTY.	
GRBL010	2 x 0,7 - 2 x 1	Cable Plano 6 x 3	7,637	400	100
GRBL100	2 x 4	Cable redondo Ø10	10,887	200	100
GRBL120	3 x 6	Cable redondo Ø12	13,367	200	100
GRBL001	2 x 0,7	Cable Paralelo	6,010	400	100
GRBL002	2 x 0,4 - 0,7 ó 1	Cable Paralelo	6,340	400	100
GRBL020	2 x 1,5 - 3 x 1	Cable Plano 7,5 x 3,5	7,757	400	100
GRBL003	2 x 1 - 3 x 0,7	Cable Plano 6 x 2	6,417	400	100
GRBL030	3 x 1,5 - 3 x 2,5	Cable Plano 10 x 3,5	9,383	400	100
GRBL040	1 x 1 - 2 x 0,5	Cable Redondo Ø4	7,393	400	100
GRBL050	2 x 0,75	Cable Redondo Ø5	7,597	400	100
GRBL060	2 x 1	Cable Redondo Ø6	8,043	400	100
GRBL070	2 x 1-1,5	Cable Redondo Ø7	8,777	400	100
GRBL080	2 x 2,5	Cable Redondo Ø8	8,853	400	100
GRBL090	3 x 2,5	Cable Redondo Ø9	9,753	400	100
GRBL140	4 x 6	Cable Redondo Ø14	15,880	200	100



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZGRB100	2 x 4	2,302	6	20
BZGRB010	2 x 0,7 - 2 x 1	2,302	6	20
BZGRB120	3 x 6	2,302	6	15
BZGRB001	2 x 0,7	2,302	6	20
BZGRB050	2 x 0,75	2,302	6	20
BZGRB060	2 x 1	2,302	6	20
BZGRB070	2 x 1-1,5	2,302	6	20
BZGRB080	2 x 2,5	2,302	6	20
BZGRB090	3 x 2,5	2,302	6	20

SANITATION



CODE	SIZE	SUITABLE FOR	€/100	MIN. ORDER QTY.	
GRNE060	2 x 1	Cable Redondo	8,043	400	100
GRNE070	2 x 1 - 2 x 1,5	Cable Redondo	8,777	400	100
GRNE080	2 x 2,50	Cable Redondo	8,853	400	100
GRNE090	3 x 2,50	Cable Redondo	9,753	400	100
GRNE100	2 x 4	Cable Redondo	10,887	200	100
GRNE120	3 x 6	Cable Redondo	13,367	200	100

GR-NY N

Nylon cable clips (polyethylene 6.6),
with steel zinc-plated nail. Black

SANITATION



CODE	SIZE	SUITABLE FOR	€/100	MIN. ORDER QTY.		
GRNATTV	GRAPILLA - CLIP - CRAMPON TV - CLIP	Cable Redondo	10,503	200	100	2.000

GR-NY NT

Nylon cable clips (polyethylene 6.6),
with steel zinc-plated nail. Natural
colour



PROFILES AND SUPPORTS



COMPATIBILITY TABLE

[illegible]

CHANNEL U-FITTINGS		CHANNEL STUD NUTS		CHANNEL NUTS		PLASTIC CAPS	
GZ2718							
PGZ2830							
PGZ3840							
PGI2718							
PGI2830							
PGI3840							
PGX4121							
PGX4141							
TC230620	M6 x 20						
TC230820	M8 x 20						
TC230830	M8 x 30						
TC340830	M8 x 30						
TC341030	M10 x 30						
TCR230620	M6 x 20						
TCR230820	M8 x 20						
TCR230830	M8 x 30						
TCR340830	M8 x 30						
TCR341030	M10 x 30						
TCRX0830	M8 x 30						
TCRX0860	M8 x 60						
TCRX1030	M10 x 30						
TCRX1060	M10 x 60						
TUG201006	M6						
TUG201008	M8						
TUG271808	M8						
TUG271810	M10						
TUGRA2706	M6						
TUGRA2708	M8						
TUGRA3808	M8						
TUGRA3810	M10						
TUCX08	M8						
TUCX10	M10						
TUCXMU08	Spring nut						
TUCXMU10	Spring nut						
TURX08							
TURX10							
TURX12							
TURXA08							
TURXA10							
SOTP2718							
SOTP2830							
SOTP3840							
SOTP4121							
SOTP4141							

GP

Type "C" profiles for light loads

GP-Z

Slotted strut channel. Zinc-plated



METAL



CODE	SIZE	€/100	LENGTH	
GPZ201010	20 x 10 x 1 x 2000	790,317	2.000	30
GPZ250808	25 x 8 x 0,80 x 1000	547,667	1.000	30

GP-G

Slotted strut channel. ATLANTIS C2-H



METAL



CODE	SIZE	€/100	LENGTH	
GPG271812	27 x 18 x 1,25 x 2000	1.289,257	2.000	10
GPG283018	28 x 30 x 1,8 x 2000	2.726,040	2.000	10
GPG351312	35 x 13 x 1,2 x 2000	2.639,597	2.000	10
GPG384020	38 x 40 x 2 x 2000	4.286,003	2.000	6
GPG402015	40 x 20 x 1,50 x 2000	2.071,213	2.000	10

GP-A2

Slotted strut channel. A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH	
GPI271812	27 x 18 x 1,25 x 2000	10.485,197	2.000	6
GPI283015	28 x 30 x 1,50 x 2000	22.468,757	2.000	6
GPI384020	38 x 40 x 2,00 x 2000	26.493,367	-	5

GP-PL

Slotted strut channel. Yellow plastified



METAL



CODE	SIZE	€/100	LENGTH	
GPP271812	27 x 18 x 1,25	1.662,273	1.000	10

GP-PVC

Slotted strut channel. PVC



METAL



CODE	SIZE	€/100	LENGTH	
GPV251120	25 x 11 x 2 x 1000	677,597	1.000	30



Type "C" profiles for light loads

GP

METAL



CODE	SIZE	€/100	
GL0357510	35x7,5x1,0	1.002,700	10
GL0351515	35x15x1,5	1.329,240	10

GL-O

ATLANTIS C2-M Smooth Omega guide



METAL

CODE	SIZE	€/100	
GPO357510	35x7,5x1,0	1.010,977	10
GPO351515	35x15x1,5	1.325,130	10

GP-O

ATLANTIS C2-M Perforated Omega guide



Type "C" supports for light loads

SP

METAL



CODE	SIZE	€/100	
SPZ271820	27 x 18 x 1,25 x 200	683,687	10
SPZ271830	27 x 18 x 1,25 x 300	737,777	10
SPZ384020	38 x 40 x 2 x 200	1.117,973	10
SPZ384025	38 x 40 x 2 x 250	1.255,027	10
SPZ384030	38 x 40 x 2 x 300	1.379,980	10
SPZ384035	38 x 40 x 2 x 350	1.478,490	10
SPZ384040	38 x 40 x 2 x 400	1.723,220	10
SPZ384050	38 x 40 x 2 x 500	2.092,737	10
SPZ384060	38 x 40 x 2 x 600	2.330,450	10

SP-Z

Zinc-plated perforated support



METAL



CODE	SIZE	SUITABLE FOR	€/100	
SPV2718	M10 (27/18-28/30)	27/18 - 28/30	489,720	50
SPV3840	M10 (38/40-40/20)	38/40 - 40/20	520,663	50

SP-V

Vertical support



SP

Type "C" supports for light loads

SP-H

Horizontal support



METAL



CODE	SIZE	SUITABLE FOR	€/100	
SPH2718	M10 (27/18-28/30)	27/18 - 28/30	437,433	50
SPH3840	M10 (38/40-40/20)	38/40 - 40/20	453,693	50

SP-HX

Horizontal channel arm



METAL



CODE	SIZE	SUITABLE FOR	€/100	
SPGH2718	M10 (27/18-28/30)	27/18 - 28/30	686,793	10
SPGH3840	M10 (38/40-40/20-41/21-41/41)	38/40 - 40/20 - 41/21 - 41/41	1.334,823	10

PE-AC

Accessories for type "C" profiles

TO-GU

Guide stop screw



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TG230620	M6 x 20	20/10 - 27/18 - 28/30 - 25/08 - 25/11	65,040	100	800
TG230820	M8 x 20	27/18 - 28/30 - 25/08	80,960	100	400
TG230830	M8 x 30	27/18 - 28/30 - 25/08	85,213	100	600
TG340830	M8 x 30	38/40 - 40/20	117,257	100	600
TG341030	M10 x 30	38/40 - 40/21	158,163	100	400

TO-GR

Fast-fixing guide stop screw



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TGR230620	M6x20	20/10 - 25/08 - 25/11 - 27/18 - 28/30	180,037	100	600
TGR230820	M8x20	20/10 - 25/08 - 25/11 - 27/18 - 28/30	190,303	100	600
TGR230830	M8x30	20/10 - 25/08 - 25/11 - 27/18 - 28/30	194,837	100	600
TGR340830	M8x30	27/18 - 28/30 - 38/40 - 40/20	244,717	100	400
TGR341030	M10x30	27/18 - 28/30 - 38/40 - 40/20	276,320	50	300

TU-GU

Channel nuts



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TUG201006	M6	20/10 - 25/08 - 27/18 - 28/30	15,803	100	3.000
TUG201008	M8	20/10 - 25/08 - 27/18 - 28/30	15,803	100	2.400
TUG271808	M8	27/18 - 28/30 - 38/40 - 40/20	42,557	100	1.200
TUG271810	M10	27/18 - 28/30 - 38/40 - 40/20	42,557	100	1.200



Accessories for type "C" profiles

PE-AC

METAL



CODE	SIZE	SUITABLE FOR	€/100		
TUGRA2706	M6	20/10 - 25/08 - 25/11 - 27/18 - 28/30	145,337	50	600
TUGRA2708	M8	20/10 - 25/08 - 25/11 - 27/18 - 28/30	145,337	50	600
TUGRA3808	M8	27/18 - 28/30 - 38/40 - 40/20	186,383	50	600
TUGRA3810	M10	27/18 - 28/30 - 38/40 - 40/20	198,413	50	600

TU-GRA

Guide nut with fast-fixing washer



METAL



CODE	SIZE	SUITABLE FOR	€/100		
EMZ45	50 x 50 45°	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	111,147	100	400
EMZ90	54 x 54 90°	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	111,147	100	300
EMZ00	100 180°	25/11 - 27/18 - 28/30 - 38/40 - 40/20 - 41/21 - 41/41	108,367	100	-

EG-Z

Zinc-plated channel bracket


STAINLESS
STEEL


CODE	SIZE	SUITABLE FOR	€/100		
EMI45	50 x 50 45°	27/18 - 28/30 - 38/40	543,020	50	200
EMI90	54 x 54 90°	27/18 - 28/30 - 38/40	543,020	50	-
EMI00	100 180°	27/18 - 28/30 - 38/40	538,363	50	200

EG-A2

A2 Stainless steel channel bracket



METAL



CODE	SIZE	SUITABLE FOR	€/100	
PUZ2718	M8 (27/18-28/30)	27/18-28/30	50,133	50
PUZ3840	M8 (38/40)	38/40	55,443	50

PU-Z

Union plate for profiles



METAL



CODE	SIZE	SUITABLE FOR	€/100		
PGZ2718	27 / 18 x 81	27/18	93,777	50	300
PGZ2830	28 / 30 x 81	28/30	113,570	50	300
PGZ3840	38 / 40 x 93	38/40	126,710	50	100

PG-Z

Zinc-plated Channel U-fitting


STAINLESS
STEEL


CODE	SIZE	SUITABLE FOR	€/100		
PGI2718	27 / 18 x 81	27/18	264,863	50	300
PGI2830	28 / 30 x 81	28/30	304,597	50	200
PGI3840	38 / 40 x 93	38/40	370,813	50	100

PG-A2

A2 Stainless steel Channel U-fitting



PE-AC

Accessories for type "C" profiles

SO-TP

Plastic caps



METAL



CODE	SIZE	SUITABLE FOR	€/100		
SOTP2718	27/18	27/18	29,583	100	400
SOTP2830	28/30	28/30	35,583	100	300
SOTP3840	38/40	38/40	57,687	100	300
SOTP4121	41/21	41/21	47,407	100	600
SOTP4141	41/41	41/41	49,707	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	4.217,910	3.000	10
GPX412120	41 x 21 x 2	4.936,667	3.000	10
GPX412125	41 x 21 x 2,5	7.058,433	3.000	6
GPX2M412120	41 x 21 x 2	3.444,440	2.000	10

GP-X 41

Indextrut Perforated guide 41x41



METAL



CODE	SIZE	€/100	LENGTH	
GPX414115	41 x 41 x 1,5	5.489,327	3.000	10
GPX414120	41 x 41 x 2	8.035,067	3.000	6
GPX414125	41 x 41 x 2,5	9.966,557	3.000	6
GPX2M414120	41 x 41 x 2	5.420,700	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	989,170	150	10
SPX412130	41 x 21 x 2,5 x 300	1.361,757	300	10
SPX412145	41 x 21 x 2,5 x 450	1.729,377	450	10
SPX414115	41 x 41 x 2,5 x 150	1.281,780	150	10
SPX414130	41 x 41 x 2,5 x 300	1.795,667	300	10
SPX414145	41 x 41 x 2,5 x 450	2.348,147	450	10
SPX414160	41 x 41 x 2,5 x 600	2.952,300	600	10
SPX414175	41 x 41 x 2,5 x 750	3.560,063	750	10
SPX414110	41 x 41 x 2,5 x 1000	4.477,057	1.000	2

SP-RX

Indextrut Rectangular-base "U" support



METAL



CODE	SIZE	SUITABLE FOR	€/100	
SPRXH4121	M12 (41/21-41/41)	Indextrut 41/41 - 41/21	1.313,243	12
SPRXV4121	M12 (41/21-41/41)	Indextrut 41/41 - 41/21	1.313,243	12



Indextrut Supports for heavy loads

SPX

METAL



CODE	SIZE	SUITABLE FOR	€/100	
SPUX412100	M16 (41/21-41/41)	Indextrut 41/41 - 41/21	1.668,747	12
SPUX412145	M16 (41/21-41/41)	Indextrut 41/41 - 41/21	1.668,747	12



SP-UX

Indextrut Square-base "U" support



METAL



CODE	SIZE	SUITABLE FOR	€/100	
PRX01	M8 (41/21-41/41)	Indextrut 41/41 - 41/21	1.449,870	12



PR-X

Indextrut Adjustable support



METAL



CODE	SIZE	SUITABLE FOR	€/100		
RESX300	252 x 252 x 6 (300)	Indextrut 41/41 - 41/21	1.100,993	10	20
RESX550	428 x 428 x 6 (550)	Indextrut 41/41 - 41/21	1.753,927	10	20



RE-SX

Indextrut Support reinforcement



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE	SUITABLE FOR	€/100		
SOTP2718	27/18	27/18	29,583	100	400
SOTP2830	28/30	28/30	35,583	100	300
SOTP3840	38/40	38/40	57,687	100	300
SOTP4121	41/21	41/21	47,407	100	600
SOTP4141	41/41	41/41	49,707	100	300



SO-TP

Plastic caps



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TGX0840	M8 x 40	Indextrut 41/41 - 41/21	116,910	100	400
TGX0860	M8 x 60	Indextrut 41/41 - 41/21	125,307	50	300
TGX1040	M10 x 40	Indextrut 41/41 - 41/21	149,437	50	300
TGX1060	M10 x 60	Indextrut 41/41 - 41/21	167,613	50	200



TG-X

Indextrut Guide stop screw



METAL



CODE	SIZE	€/100	
TGRX0830	M8x30	274,053	100
TGRX0860	M8x60	286,590	50
TGRX1030	M10x30	311,527	50
TGRX1060	M10x60	330,733	50



TO-GRX

Indextrut Fast-fixing guide stop screw



PX-AC

Indextrut Accessories for profiles

TU-GX

Indextrut Guide nut



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TUGX08	M8	Indextrut 41/41 - 41/21	64,477	100	800
TUGX10	M10	Indextrut 41/41 - 41/21	71,293	100	800

TU-MU

Indextrut channel spring nut



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TUGXMU08	M8	Indextrut 41/41	94,217	100	400
TUGXMU10	M10	Indextrut 41/41	94,217	100	400

TU-RX

Indextrut Fast-fixing guide nut



METAL



CODE	SIZE	SUITABLE FOR	€/100		
TURX08	M8	Indextrut 41/41 - 41/21	89,247	100	400
TURX10	M10	Indextrut 41/41 - 41/21	101,960	100	400
TURX12	M12	Indextrut 41/41 - 41/21	113,073	50	300

TU-RXA

Indextrut Guide nut with fast-fixing washer



METAL



CODE	SIZE	€/100	
TURXA08	M8	215,400	50
TURXA10	M10	235,457	50

EG-X

Channel bracket Indextrut



METAL



CODE	SIZE	SUITABLE FOR	€/100	HOLE NUM		
EMX4502	86/52 x 40 x 5 45°	Indextrut 41/41 - 41/21	263,987	2	25	125
EMX1302	71/48 x 40 x 5 135°	Indextrut 41/41 - 41/21	281,023	2	20	100
EMX9002	48 x 51 x 5 90°	Indextrut 41/41 - 41/21	172,443	2	50	150
EMX9004	95 x 98 x 5 90°	Indextrut 41/41 - 41/21	272,507	4	25	75



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE	SUITABLE FOR	€/100	
SCRX090	100 x 100 x 40	Indextrut 41/41 - 41/21	648,797	10



SC-RX

Heavyduty angled bracket Indextrut



METAL



CODE	SIZE	SUITABLE FOR	€/100	
EMPX4121	M8 (41/21-41/41)	Indextrut 41/41 - 41/21	1.017,557	10



EMP-X

Indextrut Splice



METAL



CODE	SIZE	SUITABLE FOR	€/100	
RTX01	50 x 5	41/21 - 41/41 - 41/62	780,000	10



RT-X

Indextrut Ball bushing support



METAL



CODE	SIZE	€/100	HOLE NUM		
UNPX412101	40 x 40 x 5	68,900	1	50	300
UNPX412102	40 x 90 x 5	142,240	2	25	150
UNPX412103	40 x 138 x 5	200,027	3	25	125
UNPX412104	40 x 186 x 5	248,917	4	10	60



UN-PX

Indextrut Connector plate



METAL



CODE	SIZE	€/100	HOLE NUM	
UNEX412103	89 x 89 x 5	362,250	3	25



UN-EX

Connector plate Indextrut Square



PX-AC

Indextrut Accessories for profiles

UN-TX

Connector plate "T" Indextrut



METAL



CODE	SIZE	€/100	HOLE NUM	
UNTX412104	138 x 89 x 5	266,700	4	25

PG-X

Channel U-fitting Indextrut



METAL



CODE	SIZE	SUITABLE FOR	€/100		
PGX4121	41/21 x 40	Indextrut 41/21	334,467	15	90
PGX4141	41/41 x 40	Indextrut 41/41	443,303	10	60

AB-GX

Perforated profile clamp Indextrut



METAL



CODE	SIZE	SUITABLE FOR	€/100	
ABGX4121	41x21 - 41x41	Indextrut 41/41 - 41/21	514,947	20

VE-AC

Ventilation accessories

UN-CO

Conduit union type "C"



METAL



CODE	SIZE	€/100		
UNCO3220	32 x 20	52,277	100	400

SO-PG

Isohonic rubber profile for support



METAL



CODE	SIZE	SUITABLE FOR	€/PC	
SOPG27	27	27/18 - 28/30	137,800	1
SOPG38	38	38/40 - 40/20	196,631	1
SOPG41	41	41/21 - 41/41	201,163	1



INSTALLATION SYSTEMS AND FIXINGS FOR SOLAR PANELS



ISF-GG

Clamps for photovoltaic modules assembly

KFR-SC

Quick pre-assembled clamp



CODE	SIZE	€/100		
KFRSC3050	30 - 50	583,910	10	240

METAL



PGS-A

Simple clamp



CODE	SIZE	€/100		
PGSA26	26	95,602	20	720

METAL



GM-A

Aluminium gauge for solar frame



CODE	SIZE	€/100		
GMA035	35	172,689	10	120
GMA040	40	190,220	10	120
GMA030 NEW	30	166,646	10	120

METAL



ISF-PU

Profiles, joints, channels and connectors for supporting structure

GP-XS

INDEXTRUT solar perforated guide.
Atlantis C4-M steel



CODE	SIZE	€/100	
GPXS4115012	41 x 41 x 1,5 - L.125mm	360,934	50
GPXS4115125 NEW	41 x 41 x 1,5 - L.1250mm	2.026,550	10
GPXS4115187 NEW	41 x 41 x 1,5 - L.1875mm	3.008,747	10
GPXS4115250 NEW	41 x 41 x 1,5 - L.2500mm	3.998,713	6
GPXS4115362 NEW	41 x 41 x 1,5 - L.3625mm	5.779,227	6

METAL



EMP-XS

INDEXTRUT solar connector. Atlantis
C4-M steel



CODE	SIZE	€/100	
EMPXS4115	41 x 1,5	369,069	40

METAL



Profiles, joints, channels and connectors for supporting structure

ISF-PU

METAL



CODE	SIZE	€/100		
GPVD4162012	16 x 20 x 1,20	689,233	50	-

GP-VD NEW

INDEXTRUT solar perforated guide for fixing in discontinuous valley. Atlantis C4-M steel



METAL



CODE	SIZE	€/100	
PSAA0400	80 x 35 - L.400	1.132,690	20
PSAA1250	80 x 35 - L.1250	3.105,327	2
PSAA1875 NEW	80 x 35 - L.1875mm	4.457,927	2
PSAA2500 NEW	80 x 35 - L.2500mm	5.962,750	2
PSAA3625 NEW	80 x 35 - L.3625mm	8.415,697	2

PSA-A

Winged aluminum profile



METAL



CODE	SIZE	SUITABLE FOR	€/100	
PSAUN200	200	PSA-UN	363,110	20

PSA-UN

Aluminium connector for profile PSA-A



METAL



CODE	SIZE	€/100	
PSAAV0150	90 x 75 - L.150	975,520	20

PSA-AV

Aluminium profile with wings for discontinuous direct valley fixing



METAL



CODE	SIZE	€/100	
PSEA601250	47 x 60 - L.1250mm	3.956,283	2
PSEA601875	47 x 60 - L.1875mm	5.842,287	2
PSEA602500	47 x 60 - L.2500mm	7.766,230	2
PSEA603625	47 x 60 - L.3625mm	11.169,717	2

PSE-A

Aluminium profile for assembled fixing



ISF-PU

Profiles, joints, channels and connectors for supporting structure

PSE-UN

Aluminium connector for PSE-A profile



METAL



CODE	SIZE	SUITABLE FOR	€/100	
PSEUN060200	60 x 200	PSE-A	514,100	20

NEW PSE-C

Aluminium profile for side mounting



METAL



CODE	SIZE	€/100	
PSEC410125	41 x 41 - L.125mm	418,820	20
PSEC410200	41 x 41 - L.200mm	589,513	20
PSEC411250	41 x 41 - L.1250mm	2.902,063	2
PSEC411875	41 x 41 - L.1875mm	4.166,273	2
PSEC412500	41 x 41 - L.2500mm	5.572,777	2
PSEC413625	41 x 41 - L.3625mm	7.786,350	2

NEW PSE-CUN

Aluminium connector for PSE-C profile



METAL



CODE	SIZE	€/100	
PSECUN200	200 mm	404,947	10

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	165,977	100	900

KFS-FL

Cross connector for lateral fixing.
Stainless steel A2



METAL



CODE	SIZE	€/100		
KFSFLM08	M8	294,530	10	80

Connectors + Accessories for the solar structures assembly

ISF-CC

METAL



CODE	SIZE	€/100		
TURXA208	M8	141,600	50	300

TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



METAL



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

DIN-603 A2

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



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

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
6921I08020	M8 x 20	50,523	13	200	2.400
6921I08050	M8 x 50	80,817	13	100	600
6921I08070	M8 x 70	117,303	13	100	600

DIN-6921 A2

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



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	24,660	13	250	3.000
D6923IM10	M10	47,753	15	250	3.000
D6923IM12	M12	70,740	18	250	1.500

DIN-6923 A2

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



METAL



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

DIN-127 A2

Grower spring washer DIN-127. Stainless steel A2



ISF-TR

Triangular structures for the solar panels installation

TPA-R

Pre-assembled and adjustable aluminium triangle



METAL



CODE	SIZE	SUITABLE FOR	€/PC	
TPAR251500	25°/30°/35° - L.1500	PSE-A	57,737	4

TPA-P

Strut profile for pre-assembled aluminium triangle



METAL



CODE	SIZE	€/100	
TPAP352000	35 x 35 - L.2000	1.535,633	2

TRP-XS

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



METAL



CODE	SIZE	SUITABLE FOR	€/PC	
TRPXS412515	25°-35° - L.1500	GP-XS	56,582	4

NU-XS

Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating



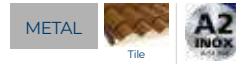
METAL



CODE	SIZE	SUITABLE FOR	€/100		
NUXSM0841	M8	GP-XS	732,827	10	100

Adjustable studs for the installation of solar panels

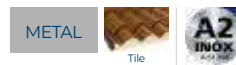
ISF-KFS



CODE	SIZE	€/100	INSTALLATION KEY		
KFSMA10200	10 x 200	555,310	7	25	150
KFSMA10250	10 x 250	626,317	7	25	150
KFSMA12300 NEW	12 x 300	1.214,187	9	25	75
KFSMA12350 NEW	12 x 350	1.321,193	9	25	75

KFS-MA

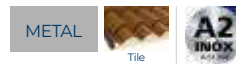
Double threaded stud. Stainless steel A2



CODE	SIZE	€/100	INSTALLATION KEY		
KFSAU10160	10 x 160	2.496,347	13	25	150
KFSAU10200	10 x 200	2.896,505	13	25	75

KFS-AU

Self-tapping screw. Stainless steel A2



CODE	SIZE	€/100	INSTALLATION KEY		
KFSRV10250	10 x 250	626,317	7	25	150
KFSRV12350	12 x 350	1.228,876	9	25	75

KFS-RV

Threaded rod for chemical anchor installation. Stainless steel A2



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	2.659,303	20
GSTC080120	80 - 120	2.709,631	20

GS-TU

Adjustable roof hook for universal roof tile. Stainless steel A2



METAL



CODE	SIZE	€/100	
GSTU040055	40 - 55	2.872,957	20

STR

Adjustable support for trapezoidal roof. Stainless steel A2



METAL



CODE	SIZE	€/100	
STR1680	16 - 80	1.944,180	40

PMO

Plate for double threaded screw. Stainless steel A2



METAL



CODE	SIZE	€/100		
PMO1012	M10 -M12	263,027	25	300

NEW PMO-L

Aluminium L-shaped plate for lateral fixing. Suitable for PSE-C profile



METAL



CODE	SIZE	€/100	MIN. ORDER QTY.	
PMOL1012	M10 -M12	156,117	-	25

Adjustable accessories for solar panels installation

ISF-FR

CHEMICAL



CODE	SIZE	€/100	MIN. ORDER QTY.	
MOTL16330	16 x 330	312,333	-	10

MO-TL NEW

Long cut-out sieve for fixing on tile roof + scraper



CHEMICAL



CODE	SIZE	€/PC	MIN. ORDER QTY.	
MOPC185	185 mm	4,587	-	1

MO-PC NEW

Nozzle extender for chemical fixings



Direct fixing accessories for solar panels installation

ISF-FD

METAL



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

TAC + ARVUL

Atlantis C4-M thin sheet screw + vulcanised EPDM washer



METAL



CODE	SIZE	€/100	N° RECESS		
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



METAL



CODE	SIZE	€/100		
AUENI166325	6,25 x 25 P-16	38,000	500	2.000

AUE NI + ARVUL NEW

Atlantis C4-M self-tapping screw + EPDM-stainless steel vulcanised washer A2



ISF-FD

Direct fixing accessories for solar panels installation

NEW DIN-7504-K RE NI + ARVUL

Atlantis C4-M reduced point self-drilling screw + Vulcanised EPDM-stainless steel washer A2



METAL



CODE	SIZE	€/100			
AREN166325	6,25 x 25 P-16	32,300	8	500	3.000

RE-TE

Watertight trebol rivet + vulcanised EPDM steel washer



METAL



CODE	SIZE	€/100	DRILL Ø		
RETE5220	5,2 x 20	99,830	5,3	250	3.000

ISF-ES

Sealing accessories for solar panel installation

ARS-P

Stainless steel A2 umbrella washer + EPDM



METAL



CODE	SIZE	€/100		
ARSP08	M8	51,876	100	1.200
ARSP10	M10	51,876	100	1.200

ARS-S

Washer for double threaded bolt



METAL



CODE	SIZE	€/100		
ARSS10	M10	25,678	100	1.200
ARSS12	M12	25,678	100	1.200

CS-B

Butylene adhesive sealing tape



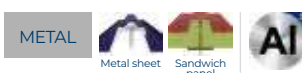
METAL



CODE	SIZE	€/PC		
CSB0104010	40 x 1 - L.10	20,623	1	27
CSB0108010	80 x 1 - L.10	40,300	1	18

Kits for solar installations

ISF-KT



CODE	SIZE	€/PC	
KCPSA0235	x2 (35 mm) - ORIGEN	190,373	1
KCPSA0240	x2 (40 mm) - ORIGEN	190,373	1
KCPSA0335	x3 (35 mm) - ORIGEN	264,587	1
KCPSA0340	x3 (40 mm) - ORIGEN	264,587	1
KCPSA0230 NEW	x2 (30 mm) - ORIGEN	190,373	1
KCPSA0330 NEW	x3 (30 mm) - ORIGEN	264,587	1
KCPSA03AM NEW	x3 - AMPLIACION	254,907	1
KCPSA02AM NEW	x2 - AMPLIACION	182,307	1

KC-PSA

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



CODE	SIZE	€/PC	
KCPSD0135	x1 (35 mm) - ORIGEN	85,378	1
KCPSD0140	x1 (40 mm) - ORIGEN	85,378	1
KCPSD01AM	x1 - AMPLIACION	42,689	1
KCPSD0130	x1 (30 mm) - ORIGEN	85,378	1

KC-PSD

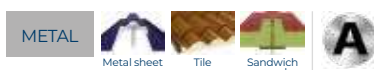
Coplanar with winged aluminum profile (PSA-A). Direct fixing. Discontinuous profile format



CODE	SIZE	€/PC		
KCPSC0235	x2 (35 mm) - ORIGEN	183,920	1	-
KCPSC02AM	x2 - AMPLIACION	172,498	1	-
KCPSC0240	x2 (40 mm) - ORIGEN	183,920	1	-
KCPSC0335	x3 (35 mm) - ORIGEN	250,760	1	-
KCPSC0340	x3 (40 mm) - ORIGEN	250,760	1	-
KCPSC0330	x3 (30 mm) - ORIGEN	250,760	1	-
KCPSC0230	x2 (30 mm) - ORIGEN	183,920	1	-
KCPSC03AM	x3 - AMPLIACION	240,387	1	-

KC-PSC **NEW**

Coplanar with aluminium profile PSE-C. Lateral assembled fastening



CODE	SIZE	€/PC	
KCGPX0235	x2 (35 mm) - ORIGEN	154,000	1
KCGPX0240	x2 (40 mm) - ORIGEN	154,000	1
KCGPX0335	x3 (35 mm) - ORIGEN	210,540	1
KCGPX0340	x3 (40 mm) - ORIGEN	210,540	1
KCGPX0330 NEW	x3 (30 mm) - ORIGEN	210,540	1
KCGPX03AM NEW	x3 - AMPLIACION	205,333	1
KCGPX0230 NEW	x2 (30 mm) - ORIGEN	154,000	1
KCGPX02AM NEW	x2 - AMPLIACION	148,830	1

KC-GPX

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



ISF-KT

Kits for solar installations

KC-GPD

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



CODE	SIZE	€/PC	
KCGPD0135	x1 (35 mm) - ORIGEN	52,250	1
KCGPD0140	x1 (40 mm) - ORIGEN	52,250	1
KCGPD01AM	x1 - AMPLIACION	24,384	1
KCGPD0130	x1 (30 mm) - ORIGEN	52,250	1

KT-PSE

Triangular with PSE-A aluminium profile. Assembled fixing



CODE	SIZE	€/PC	
KTPSE0235	x2 (35 mm) - ORIGEN	380,747	1
KTPSE0240	x2 (40 mm) - ORIGEN	380,747	1
KTPSE0335	x3 (35 mm) - ORIGEN	542,080	1
KTPSE0340	x3 (40 mm) - ORIGEN	542,080	1
KTPSE0330 NEW	x3 (30 mm) - ORIGEN	542,080	1
KTPSE03AM NEW	x3 - AMPLIACION	529,173	1
KTPSE0230 NEW	x2 (30 mm) - ORIGEN	380,747	1
KTPSE02AM NEW	x2 - AMPLIACION	375,907	1

KT-GPX

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



METAL

CODE	SIZE	€/PC	
KTGPX0235	x2 (35 mm) - ORIGEN	285,450	1
KTGPX0240	x2 (40 mm) - ORIGEN	285,450	1
KTGPX0335	x3 (35 mm) - ORIGEN	409,200	1
KTGPX0340	x3 (40 mm) - ORIGEN	409,200	1
KTGPX0230 NEW	x2 (30 mm) - ORIGEN	285,450	1
KTGPX02AM NEW	x2 - AMPLIACION	277,200	1
KTGPX03AM NEW	x3 - AMPLIACION	402,600	1
KTGPX0330 NEW	x3 (30 mm) - ORIGEN	409,200	1



QUICK BEAM ATTACHMENT SYSTEM



SU

Quick beam attachment system

SU-MO

Beam clamp



METAL



CODE	SIZE	€/100	MAX. BEAM WIDTH		
SUMOP09	PASANTE Ø9	370,423	20	50	200
SUMOP11	PASANTE Ø11	407,273	20	50	150
SUMOP13	PASANTE Ø13	619,903	25	50	100
SUMOM06	ROSCADO M6	317,863	20	50	200
SUMOM08	ROSCADO M8	370,423	20	50	200
SUMOM10	ROSCADO M10	407,273	20	50	150
SUMOM12	ROSCADO M12	619,903	25	50	-

SU-CL

Suspension clip



METAL



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUCL02	6.3	36,647	14	1,5 - 4	100	1.200
SUCL04	6.3	52,417	23	4 - 10	100	400
SUCL10	6.3	61,047	23	10 - 15	100	300
SUCL15	6.3	81,393	23	15 - 20	100	300

SU-VA

Rod clip



METAL



CODE	SIZE	€/100	MIN. BEAM LENGTH	BEAM THICKNESS		
SUVA0602	M6	94,090	14	1,5 - 4	100	300
SUVA0604	M6	114,617	23	4 - 10	100	200
SUVA0610	M6	168,600	23	10 - 15	100	-
SUVA0615	M6	203,490	23	15 - 20	100	-
SUVA0802	M8	94,090	14	1,5 - 4	100	300
SUVA0804	M8	114,617	23	4 - 10	100	200
SUVA0810	M8	168,600	23	10 - 15	100	200
SUVA0815	M8	203,490	23	15 - 20	100	-

Quick beam attachment system

SU

02
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info

METAL



CODE	SIZE	€/100	BEAM THICKNESS		
SUCU0602	M6	94,510	1,5 - 5	100	300
SUCU0605	M6	105,040	5 - 7	100	300
SUCU0606	M6	131,493	3 - 7	100	200
SUCU0607	M6	154,990	7 - 10	100	200

SU-CU

Holder clip



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P. 273 Technical
info

METAL



CODE	SIZE	€/100	SCREW SIZE	THICKNESS MAX. FIXTURE	MAX. BEAM WIDTH		
SUAB0603	M6	89,323	M6 x 9	3 - 7	3 - 7	100	300
SUAB0607	M6	89,680	M6 x 9	7 - 13	7 - 13	100	200
SUAB0614	M6	93,437	M6 x 9	14 - 20	14 - 20	100	200

SU-AB

Beam clip for clamp



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info

METAL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
SUCA0602	6-7	30,887	1 - 4	100	2.400
SUCA0604	6-7	31,600	4 - 7,5	100	1.200
SUCA0607	6-7	32,087	7,5 - 12	100	1.200
SUCA0802	8-9	32,193	1 - 4	100	1.200
SUCA0804	8-9	32,687	4 - 7,5	100	1.200
SUCA0807	8-9	33,100	7,5 - 12	100	1.200
SUCA1002	10-11	32,837	1 - 4	100	1.200
SUCA1004	10-11	33,347	4 - 7,5	100	1.200
SUCA1007	10-11	33,787	7,5 - 12	100	1.200
SUCA1202	12-14	33,617	1 - 4	100	1.200
SUCA1204	12-14	34,107	4 - 7,5	100	1.200
SUCA1207	12-14	34,233	7,5 - 12	100	1.200
SUCA1502	15-18	34,350	1 - 4	100	1.200
SUCA1504	15-18	35,087	4 - 7,5	100	1.200
SUCA1507	15-18	35,227	7,5 - 12	100	1.200
SUCA1902	19-24	35,147	1 - 4	100	1.200
SUCA1904	19-24	42,590	4 - 7,5	100	600
SUCA1907	19-24	43,413	7,5 - 12	100	600
SUCA2502	25-30	43,777	1 - 4	100	600
SUCA2504	25-30	48,833	4 - 7,5	100	600
SUCA2507	25-30	53,470	7,5 - 12	100	600

SU-CA

Beam clip for cable





BATHROOM AND AIR CONDITIONING FIXINGS



RA

Aluminium radiator supports

RA-TRG

Adjustable triangular support with anti vibrations rubber. 2 PCS x KIT



SANITATION



Concrete



Aerated concrete



Hollow brick



Solid brick



Stone



Zinc

CODE	SIZE	€/KIT	KITS 
RATRG095	95	4,517	50

ALSO AVAILABLE

easykits

TN4S

With multimaterial
high-quality nylon plug



RA-TRI

1" triangular support



SANITATION



Concrete



Aerated concrete



Hollow brick



Solid brick



Stone



Zinc

CODE	SIZE	€/100	KITS 
RATRI095	95	142,927	100

RA-FRE

Straight Ferroli support. 2 PCS x KIT



SANITATION



Concrete



Aerated concrete



Hollow brick



Solid brick



Stone



Zinc

CODE	SIZE	€/KIT	KITS 
RAFRE095	95	4,343	50

TN4S

With multimaterial
high-quality nylon plug



RA-FIN

Inclined Ferroli support. 2 PCS x KIT



SANITATION



Concrete



Aerated concrete



Hollow brick



Solid brick



Stone



Zinc

CODE	SIZE	€/KIT	KITS 
RAFIN100	100	4,591	50

TN4S

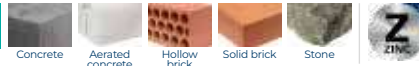
With multimaterial
high-quality nylon plug



Aluminium radiator supports

RA

SANITATION



CODE	SIZE	€/KIT	KITS
RAR0100	100	7,189	50

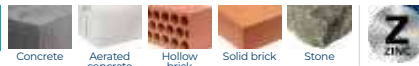
TN4S
With multimerial
high-quality nylon plug

RA-RO

Roca support. 2 PCS x KIT



SANITATION



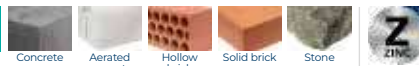
CODE	SIZE	€/100	KITS
RAFEM145	145	125,743	250
RAFEM175	175	132,247	250

RA-FEM

Ferroli support to recess



SANITATION



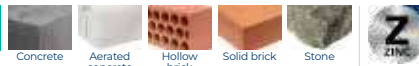
CODE	SIZE	€/100	KITS
RARAY032	32 x 78	101,990	250

RA-RAY

Rayco support



SANITATION



CODE	SIZE	€/100	KITS
RAPES032	32 x 78	104,863	250

RA-PES

Universal support



22 KITS
SOLUTIONS

easykits

INCREASES CROSS-SELLING

ATTRACTIVE VISUAL PACKAGING

USEFUL INFORMATION ON PACKAGING

SOLUTIONS FOR COMMON PRODUCTS

SA

Sanitary fixings

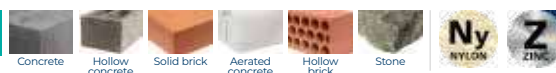
SA-LN

Sanitary fixings with nylon nut. 2 PCS x KIT



TN4S
With multimaterial
high-quality nylon plug

SANITATION



CODE	SIZE	€/KIT	KITS + 
SALN08100	M8 x 100	2,290	50
SALN10120	M10 x 120	2,977	50

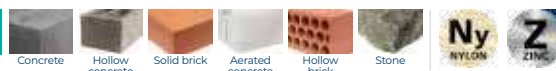
SA-LH

Sanitary fixings with iron nut. 2 PCS x KIT



ALSO AVAILABLE
easykits
TN4S
With multimaterial
high-quality nylon plug

SANITATION



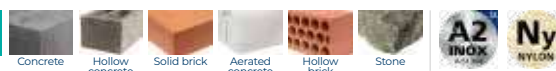
CODE	SIZE	€/KIT	KITS + 
SALH08100	M8 x 100	2,453	100
SALH10120	M10 x 120	3,250	50

SA-IL

Stainless steel WC and bidet fixing kit with long nylon plug. 2 PCS x KIT



SANITATION



CODE	SIZE	€/KIT	KITS + 
SAILO6080	M6 x 80	3,257	100

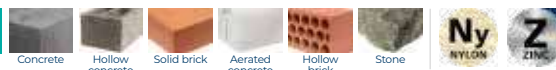
SA-WZ

WC and bidet fixing kit, zinc-plated. 2 PCS x KIT



TN4S
With multimaterial
high-quality nylon plug

SANITATION



CODE	SIZE	€/KIT	KITS + 
SAWZ05080	M5 x 80	1,350	300

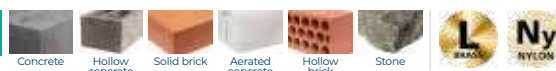
SA-WL

WC and bidet fixing kit, brass. 2 PCS x KIT



TN4S
With multimaterial
high-quality nylon plug

SANITATION

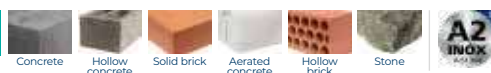


CODE	SIZE	€/KIT	KITS + 
SAWL05080	M5 x 80	3,443	100

Sanitary fixings

SA

SANITATION

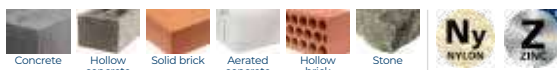


CODE	SIZE	€/KIT	KITS 
SACI06080	M6 x 80	6,187	100

ALSO AVAILABLE

easykits

SANITATION



CODE	SIZE	€/KIT	KITS 
SAWH06070	M6 x 70	2,360	50

TN4S

With multimerial
high-quality nylon plug

SANITATION

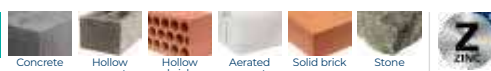


CODE	SIZE	€/KIT	KITS 
SAWHM06060	Ø6x60	5,897	50

TN4S

With multimerial
high-quality nylon plug

SANITATION

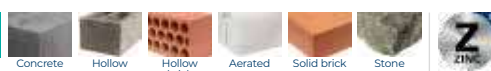


CODE	SIZE	€/100	KITS 
SATEB0860	Ø8x60	135,817	50
SATEB1080	Ø10x80	240,517	50

TN4S

With multimerial
high-quality nylon plug

SANITATION



CODE	SIZE	€/100	KITS 
SATEA0865	Ø8x65	129,510	50
SATEA1075	Ø10x75	181,587	50

TN4S

With multimerial
high-quality nylon plug

SA-CI

Cistern fixing kit. 2 PCS x KIT



SA-WH

Horizontal WC fixing kit. 2 PCS x KIT



SA-WHM

Horizontal multiposition fixing
elements for WC. 2 PCS x KIT

SA-TE TB

Fixing elements for boilers and
heaters. Screw. 2 PCS x KIT

SA-TE AL

Fixing elements for boilers and
heaters. Hook screw. 2 PCS x KIT

CO

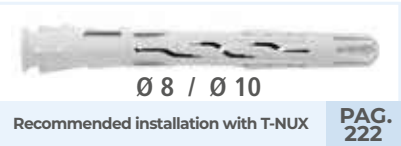
Kit for air-conditioning sets

CO-SO

Kit for air-conditioning sets. 2 PCS x KIT



CODE	SIZE	€/KIT	KITS x
COS015400	1,5 x 400	34,820	1
COS015450	1,5 x 450	37,903	1
COS015500	1,5 x 500	46,693	1
COS020400	2 x 400	52,930	1
COS020450	2 x 450	57,007	1
COS020500	2 x 500	58,243	1



CO-KS

Silent block support kit for AC. 4 PCS x KIT



CODE	SIZE	€/KIT	KITS x
COKS08060	M8 x 60	7,857	1



THREADED ROD AND FIXING ACCESORIES



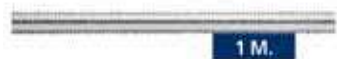


RV

Threaded rod

RV-ZN

Zinc-plated. 1 meter



METAL



CODE	SIZE	€/100	LENGTH	PITCH	
975ZM04	M4 x 1000	94,263	1.000	0.7	100
975ZM05	M5 x 1000	125,683	1.000	0.8	100
975ZM06	M6 x 1000	122,890	1.000	1	100
975ZM08	M8 x 1000	214,783	1.000	1.25	50
975ZM10	M10 x 1000	323,700	1.000	1.5	25
975ZM12	M12 x 1000	502,837	1.000	1.75	20
975ZM14	M14 x 1000	690,837	1.000	2	10
975ZM16	M16 x 1000	884,393	1.000	2	10
975ZM18	M18 x 1000	1.241,280	1.000	2.5	10
975ZM20	M20 x 1000	1.576,747	1.000	2.5	5
975ZM22	M22 x 1000	2.129,027	1.000	2.5	5
975ZM24	M24 x 1000	2.248,883	1.000	3	5
975ZM27	M27 x 1000	2.597,580	1.000	3	5
975ZM30	M30 x 1000	3.432,750	1.000	3.5	5
975ZM33	M33 x 1000	4.224,123	1.000	3.5	3
975ZM36	M36 x 1000	4.994,527	1.000	4	3

RV-ZN 8.8

8.8, zinc-plated



METAL



CODE	SIZE	€/100	LENGTH	PITCH	
9758ZM05	M5 x 1000	169,670	1.000	0.8	100
9758ZM06	M6 x 1000	174,513	1.000	1	100
9758ZM08	M8 x 1000	300,693	1.000	1.25	50
9758ZM10	M10 x 1000	453,180	1.000	1.5	25
9758ZM12	M12 x 1000	678,830	1.000	1.75	20
9758ZM14	M14 x 1000	932,633	1.000	2	10
9758ZM16	M16 x 1000	1.149,710	1.000	2	10
9758ZM18	M18 x 1000	1.588,833	1.000	2.5	5
9758ZM20	M20 x 1000	1.986,700	1.000	2.5	5
9758ZM22	M22 x 1000	2.682,567	1.000	2.5	5
9758ZM24	M24 x 1000	2.811,107	1.000	3	5
9758ZM27	M27 x 1000	3.221,003	1.000	3	5
9758ZM30	M30 x 1000	4.187,950	1.000	3.5	5
9758ZM33	M33 x 1000	5.068,950	1.000	3.5	3
9758ZM36	M36 x 1000	5.993,437	1.000	4	3

RV-A2

A2 Stainless steel. 1 meter



STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH	PITCH	
975A2M04	M4 x 1000	331,050	1.000	0.7	1
975A2M05	M5 x 1000	390,363	1.000	0.8	1
975A2M06	M6 x 1000	538,960	1.000	1	1
975A2M08	M8 x 1000	874,627	1.000	1.25	1
975A2M10	M10 x 1000	1.267,020	1.000	1.5	1
975A2M12	M12 x 1000	1.928,897	1.000	1.75	1
975A2M14	M14 x 1000	3.377,737	1.000	2	1
975A2M16	M16 x 1000	3.900,350	1.000	2	1
975A2M18	M18 x 1000	4.254,923	1.000	2.5	1
975A2M20	M20 x 1000	5.871,797	1.000	2.5	1
975A2M22	M22 x 1000	6.863,907	1.000	2.5	1
975A2M24	M24 x 1000	9.265,300	1.000	3	1
975A2M27	M27 x 1000	11.166,597	1.000	3	1
975A2M30	M30 x 1000	17.378,990	1.000	3.5	1
975A2M33	M33 x 1000	21.818,293	1.000	3.5	1
975A2M36	M36 x 1000	25.094,577	1.000	4	1



Threaded rod

RV

METAL



RV-2M

Zinc-plated. 2 meters

CODE	SIZE	€/100	LENGTH	PITCH	
975ZM2M06	M6 x 2.000	245,780	2.000	1	50



Small threaded bolt

VR-SE

METAL



CODE	SIZE	€/100		
VRSE06020	M6 x 20	11,407	200	4.800
VRSE06030	M6 x 30	16,040	200	4.800
VRSE08020	M8 x 20	14,917	200	3.200
VRSE08030	M8 x 30	19,980	200	2.400
VRSE10030	M10 x 30	29,337	200	2.400
VRSE12030	M12 x 35	60,137	100	800



Coupling nut

MA

METAL



MA-HE

Hexagonal

CODE	SIZE	€/100	LENGTH		
MAE0620	M6 x 20	17,103	20	200	2.400
MAE0630	M6 x 30	23,073	30	200	1.600
MAE0825	M8 x 25	18,687	25	200	1.600
MAE1030	M10 x 30	24,873	30	150	900
MAE1235	M12 x 35	58,037	35	100	600
MAE1650	M16 x 50	178,980	50	50	100
MAE2060	M20 x 60	488,613	60	25	-



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZMAE0630	M6 x 30	2,302	6	15
BZMAE0825	M8 x 25	2,302	6	15
BZMAE1030	M10 x 30	2,302	4	15



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMAE0630	M6 x 30	6,771	20	8
VMAE0825	M8 x 25	5,463	20	8
VMAE1030	M10 x 30	5,729	15	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMAE0630	M6 x 30	11,510	40	6
LSMAE0825	M8 x 25	7,031	30	5
LSMAE1030	M10 x 30	6,237	20	6



MA

Coupling nut

MA-RE

Round



METAL



CODE	SIZE	€/100	LENGTH		
MAR5322	5/32W x 20	20,387	20	200	4.800
MAR0420	M4 x 20	13,683	20	200	4.800
MAR0620	M6 x 20	14,437	20	200	2.400
MAR0630	M6 x 30	21,443	30	200	1.600
MAR0825	M8 x 25	17,897	25	200	2.400
MAR0830	M8 x 30	22,190	30	200	1.600
MAR1030	M10 x 30	23,687	30	150	900
MAR1235	M12 x 35	40,020	35	100	600
MAR1650	M16 x 50	142,833	50	50	300



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMAR0420	M4 x 20	5,218	25	8
VMAR0630	M6 x 30	6,546	20	8
VMAR0830	M8 x 30	6,776	20	8
VMAR1030	M10 x 30	5,465	15	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMAR0420	M4 x 20	7,163	40	8
LSMAR0630	M6 x 30	11,237	40	7
LSMAR0830	M8 x 30	10,177	35	5
LSMAR1030	M10 x 30	6,261	20	6

MA-RI

Round. A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH	
MARI0830	M8 x 30	194,450	30	100
MARI1030	M10 x 30	267,700	30	100

MA-MH

Spacer nut Male/Female



METAL



CODE	SIZE	€/100	LENGTH		
MAMH0610	M6 x 10	38,457	10	100	3.000
MAMH0620	M6 x 20	47,290	20	100	1.200
MAMH0630	M6 x 30	74,577	30	100	1.200
MAMH0640	M6 x 40	84,817	40	100	1.000
MAMH0650	M6 x 50	94,830	50	50	1.000



Threaded screw clamp and staple

TAG

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SANITATION



AB-TA

Zinc-plated. Slotted

CODE	SIZE	€/100		
ABTA0630	M6 x 30	4,593	100	4,500
ABTA0640	M6 x 40	5,513	100	2,400
ABTA0650	M6 x 50	6,230	100	2,400
ABTA0730	M7 x 30	4,470	100	2,400
ABTA0740	M7 x 40	5,513	100	2,400
ABTA0750	M7 x 50	6,230	100	2,400
ABTA0760	M7 x 60	10,783	100	1,200
ABTA0770	M7 x 70	14,207	100	1,200
ABTA0780	M7 x 80	15,610	100	1,200
ABTA0840	M8 x 40	7,660	100	2,400
ABTA0860	M8 x 60	10,210	100	1,200
ABTA0880	M8 x 80	14,660	100	1,200
ABTA1050	M10 x 50	17,167	100	1,200
ABTA1070	M10 x 70	21,940	100	800
ABTA1090	M10 x 90	27,337	100	600

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABTA0630	M6 x 30	2,521	15	10
LSABTA0640	M6 x 40	2,677	15	10
LSABTA0650	M6 x 50	2,840	15	10
LSABTA0840	M8 x 40	3,396	15	10
LSABTA0860	M8 x 60	3,718	15	10

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SANITATION



AB-TA B

Yellow zinc-plated. Slotted

CODE	SIZE	€/100		
ABTAB0630	M6 x 30	4,593	100	4,500
ABTAB0640	M6 x 40	5,513	100	2,400
ABTAB0650	M6 x 50	6,230	100	2,400

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSABTAB0630	M6 x 30	2,521	15	10
LSABTAB0640	M6 x 40	2,677	15	10
LSABTAB0650	M6 x 50	2,840	15	10

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STAINLESS
STEEL



AB-TA A2

A2 Stainless steel

CODE	SIZE	€/100		
ABTA20630	M6 x 30	67,270	100	2,400





TAG

Threaded screw clamp and staple

AB-TG

Threaded screws for clips



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SANITATION



CODE	SIZE	€/100		MIN. ORDER QTY.		
ABTG4530	4,5 x 30	6,257	PZ2	200	100	4.500
ABTG4535	4,5 x 35	6,660	PZ2	200	100	4.500
ABTG4540	4,5 x 40	6,937	PZ2	200	100	2.400
ABTG5030	5 x 30	8,270	PZ3	200	100	2.400
ABTG5040	5 x 40	8,757	PZ3	200	100	2.400

TM-VR

Screw Coupling nut for threaded rod



SANITATION



CODE	SIZE	€/100		
TMVR06065	6 x 65	151,730	50	1.200
TMVR07065	7 x 65	158,963	50	1.200
TMVR08065	8 x 65	162,187	50	1.200

ES-DR

Double threaded screw

ES-DR

Zinc-plated. TX



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SANITATION



CODE	SIZE	€/100	INSTALLATION KEY		
ESDR06040	M6 x 40	8,613	-	100	3.000
ESDR06050	M6 x 50	10,270	-	100	2.400
ESDR06060	M6 x 60	11,860	-	100	2.400
ESDR06070	M6 x 70	13,873	-	100	1.600
ESDR06080	M6 x 80	15,527	-	100	1.600
ESDR08050	M8 x 50	11,653	-	100	1.600
ESDR08060	M8 x 60	14,153	-	100	800
ESDR08070	M8 x 70	16,200	-	100	800
ESDR08080	M8 x 80	18,193	6	100	800
ESDR08090	M8 x 90	19,673	6	100	800
ESDR08100	M8 x 100	21,087	6	100	800
ESDR08110	M8 x 110	24,103	6	100	800
ESDR08120	M8 x 120	29,887	6	100	800
ESDR08130	M8 x 130	35,283	6	100	800
ESDR10080	M10 x 80	28,207	8	100	800
ESDR10100	M10 x 100	33,847	8	100	400
ESDR10110	M10 x 110	37,713	8	100	400
ESDR10120	M10 x 120	47,147	8	100	400
ESDR10130	M10 x 130	57,950	8	100	400
ESDR10140	M10 x 140	61,673	8	100	400
ESDR10150	M10 x 150	65,267	8	100	400
ESDR10180	M10 x 180	88,197	8	100	300
ESDR10200	M10 x 200	98,053	8	100	200

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LESDDR06080	M6 x 80	5,111	25	7
LESDDR08060	M8 x 60	5,240	25	7
LESDDR08080	M8 x 80	6,498	25	6
LESDDR08100	M8 x 100	7,659	25	6
LESDDR08120	M8 x 120	7,789	20	6
LESDDR10080	M10 x 80	7,362	20	6
LESDDR10100	M10 x 100	8,006	18	6
LESDDR10120	M10 x 120	8,463	15	7



Double threaded screw

ES-DR



Technical
info

STAINLESS
STEEL



ES-DA2

A2 Stainless steel. TX

CODE	SIZE	€/100	INSTALLATION KEY		
ESDA208060	M8 x 60	101,123	6	100	800
ESDA210060	M10 x 60	188,120	8	100	800



Brass expansion anchor for light fastenings in solid materials

TALA



Technical
info

SOLID



CODE	SIZE	€/100	DRILL Ø		
TALA532	W5/32 x 16 Ø5	12,687	5	300	9.600
TALAM04	M4 x 16 Ø5	12,687	5	300	9.600
TALAM05	M5 x 18 Ø6	20,707	6	200	6.400
TALAM06	M6 x 23 Ø8	28,553	8	200	4.800
TALAM08	M8 x 28 Ø10	51,263	10	100	2.400
TALAM10	M10 x 33 Ø12	80,080	12	150	1.800
TALAM12	M12 x 38 Ø15	172,310	15	150	900



Blister



Window box



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZTALAM06	M6 x 23 Ø8	3,071	4	20
BZTALAM08	M8 x 28 Ø10	3,071	4	20
BZTALAM10	M10 x 33 Ø12	3,071	2	15

CODE	SIZE	€/BOX	PCS	BOXES
VTALAM06	M6 x 23 Ø8	7,821	25	8
VTALAM08	M8 x 28 Ø10	8,303	15	8
VTALAM10	M10 x 33 Ø12	13,088	15	8

CODE	SIZE	€/BAG	PCS	BAGS
LSTALAM06	M6 x 23 Ø8	13,805	50	8
LSTALAM08	M8 x 28 Ø10	14,669	30	7
LSTALAM10	M10 x 33 Ø12	19,251	25	5

Steel expansion plug

TA-ME



Technical
info

SOLID



CODE	SIZE	€/100	DRILL Ø	MIN. ORDER QTY.		
TAME05030	M5 x 30 Ø5	12,813	5	200	100	4.500
TAME06032	M6 x 32 Ø6	14,383	6	200	100	2.400
TAME08038	M8 x 38 Ø8	23,850	8	200	100	1.200
TAME08060	M8 x 60 Ø8	33,000	8	100	50	600
TAME10060	M10 x 60 Ø10	38,383	10	50	50	600



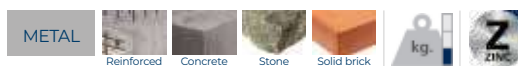
Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZTAME06032	M6 x 32 Ø6	3,071	4	20
BZTAME08038	M8 x 38 Ø8	3,071	4	20
BZTAME08060	M8 x 60 Ø8	3,071	4	20
BZTAME10060	M10 x 60 Ø10	3,071	4	20



TC-MA

Metal nail plug with steel drill



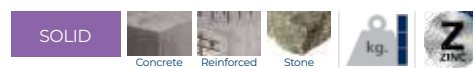
CODE	SIZE	€/100	DRILL Ø		
TCMA05022	5 x 22 Ø5	18,500	5	100	2.400
TCMA06030	6 x 30 Ø6	28,227	6	100	2.400
TCMA06040	6 x 40 Ø6	31,887	6	100	1.200
TCMA06050	6 x 50 Ø6	35,590	6	100	1.200

HE

Drop-in anchor with internal thread for heavy loads

HE-HO

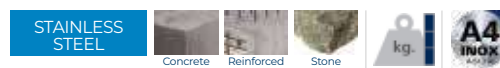
Zinc-plated. Opt.7 ETA Assessed & for non-structural applications



CODE	SIZE	€/100	LENGTH		
HEHOM06	M6 x 25 Ø8	18,677	25	100	3.200
HEHOM08	M8 x 30 Ø10	24,203	30	100	1.600
HEHOM10	M10 x 40 Ø12	40,480	40	50	800
HEHOM12	M12 x 50 Ø15	74,417	50	50	400
HEHOM16	M16 x 65 Ø20	191,020	65	25	200
HEHOM20	M20 x 80 Ø25	382,757	80	25	100
HEHOM12D	M12 x 50 Ø16	86,860	50	50	400

HE-A4

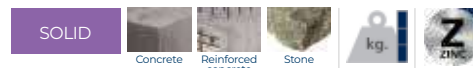
A4 Stainless steel. ETA Assessed for non-structural applications



CODE	SIZE	€/100	LENGTH		
HEA4M06	M6 x 25 Ø8	100,850	25	100	4.000
HEA4M08	M8 x 30 Ø10	143,797	30	100	1.600
HEA4M10	M10 x 40 Ø12	216,100	40	50	800
HEA4M12	M12 x 50 Ø15	430,263	50	50	600
HEA4M16	M16 x 65 Ø20	961,467	65	25	250
HEA4M20	M20 x 80 Ø25	1.756,097	80	25	100

HE-CL

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



CODE	SIZE	€/100	LENGTH		
HECLOM06	M6 x 25 Ø8	21,420	25	100	3.200
HECLOM08	M8 x 30 Ø10	29,570	30	100	1.600
HECLOM10	M10 x 40 Ø12	46,227	40	50	800
HECLOM12	M12 x 50 Ø15	83,893	50	50	400
HECLOM16	M16 x 65 Ø20	235,813	65	25	200
HECLOM12D	M12 x 50 Ø16	97,817	50	50	400



Drop-in anchor with internal thread for heavy loads

HE

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info

STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH		
HEC4M06	M6 x 25 Ø8	139,000	25	100	3.200
HEC4M08	M8 x 30 Ø10	199,027	30	100	1.600
HEC4M10	M10 x 40 Ø12	333,597	40	50	800
HEC4M12	M12 x 50 Ø15	599,793	50	50	400

HE-C4

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



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Technical
info

SOLID



CODE	SIZE	€/100	LENGTH		
HENOM06	M6 x 25 Ø8	13,660	25	100	4.000
HENOM08	M8 x 30 Ø10	18,867	30	100	2.200
HENOM10	M10 x 40 Ø12	31,550	40	50	1.000
HENOM12	M12 x 50 Ø15	57,993	50	50	600
HENOM16	M16 x 65 Ø20	146,143	65	25	250
HENOM20	M20 x 80 Ø25	286,820	80	25	100

HE-NO

Zinc-plated



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Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZHENOM06	M6 x 25 Ø8	3,071	4	20
BZHENOM08	M8 x 30 Ø10	3,071	4	20
BZHENOM10	M10 x 40 Ø12	3,071	2	15

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VHENOM06	M6 x 25 Ø8	3,208	15	8
VHENOM08	M8 x 30 Ø10	3,914	15	8

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSHENOM06	M6 x 25 Ø8	5,222	30	7
LSHENOM08	M8 x 30 Ø10	6,910	30	7
LSHENOM10	M10 x 40 Ø12	6,640	16	7

SOLID



CODE	SIZE	€/PC	
HEHCSDS08	Ø10 x 28	22,673	1
HEHCSDS10	Ø12 x 28	23,580	1
HEHCSDS12	Ø15 x 29	24,940	1

HE-HC SDS NEW

Stop drill bit for HE-HC



SOLID



CODE	SIZE	€/PC	
HEHOSDS06	Ø8 x 27	21,766	1
HEHOSDS08	Ø10 x 33	22,673	1
HEHOSDS10	Ø12 x 43	23,580	1
HEHOSDS12	Ø15 x 54	24,940	1

HE-HO SDS NEW

Stop drill bit for HE-HO





AB-F

Washer for clamps

AB-FP

Flat washer for clamps



SANITATION



CODE	SIZE	€/100		
ABFP25	25	6,673	100	2.400
ABFP32	32	9,813	100	2.400

AB-FC

Conical washer for clamps



SANITATION



CODE	SIZE	€/100		
ABFC09	9	10,823	100	2.400
ABFC14	14	16,870	100	1.200
ABFC19	19	26,900	100	1.200

TAG

Threaded screw clamp and staple

AB-TR

Threaded screw for clamps



Technical
Info

SANITATION



CODE	SIZE	€/100		
ABTR05030	M5 x 30	10,307	100	2.400
ABTR05040	M5 x 40	10,673	100	2.400
ABTR05050	M5 x 50	11,897	100	2.400
ABTR05060	M5 x 60	14,093	100	1.200
ABTR06040	M6 x 40	13,620	100	2.400
ABTR06050	M6 x 50	16,517	100	1.200
ABTR06060	M6 x 60	18,970	100	1.200

AB-PM7

Cilindrical spacer for clamps M7



SANITATION



CODE	SIZE	€/100		
ABPM720	20	107,060	50	2.250
ABPM730	30	140,293	50	2.250
ABPM740	40	157,990	50	1.200

Flat bar for fixation

PF

METAL



PF-ZN

Zinc-plated



CODE	SIZE	€/100		
PFZNM0800	M8	50,680	100	600
PFZNM0810	M8 + M10	63,713	100	600
PFZNM1000	M10	61,293	100	600

STAINLESS
STEEL



PF-A4

A4 Stainless steel



CODE	SIZE	€/100		
PFA4M0800	M8	292,830	100	600
PFA4M0810	M8 + M10	349,020	100	600
PFA4M1000	M10	334,547	100	600



PLASTIC FIXINGS AND FOR HOLLOW MATERIALS

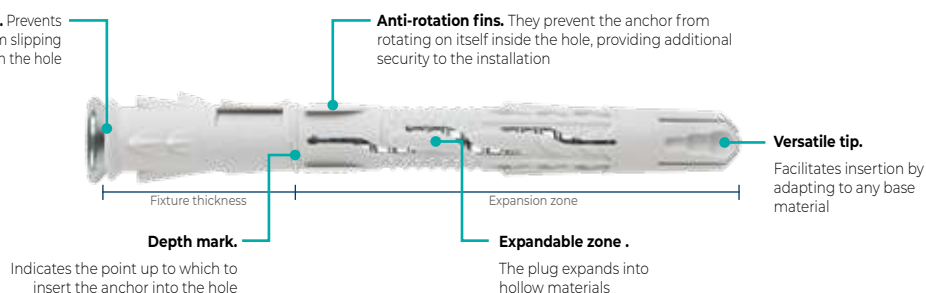
T-NUX

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



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.



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.

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.



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).

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	Z	A4	Z	Z	-
TYPE OF HEAD OF THE PLUG							
CE	✓	✓	✓	✓	✓	✓	
Fire	✓	✓	✓	✓	✓	✓	

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.

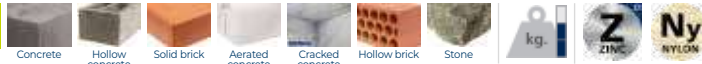


Universal high performance nylon plug

T-NUX



MULTI-MATERIAL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
• TNUXA08060	8 x 60 Ø8	51,260	TX30	10	50
• TNUXA08080	8 x 80 Ø8	56,110	TX30	10	50
• TNUXA08100	8 x 100 Ø8	70,137	TX30	30	50
• TNUXA08120	8 x 120 Ø8	80,197	TX30	50	50
• TNUXA10060	10 x 60 Ø10	75,970	TX40	10	50
TNUXA10080	10 x 80 Ø10	93,397	TX40	10	50
TNUXA10100	10 x 100 Ø10	105,527	TX40	30	50
TNUXA10120	10 x 120 Ø10	121,577	TX40	50	50
TNUXA10140	10 x 140 Ø10	151,050	TX40	70	50
TNUXA10160	10 x 160 Ø10	161,223	TX40	90	50
TNUXA10180	10 x 180 Ø10	220,267	TX40	110	50
TNUXA10200	10 x 200 Ø10	267,037	TX40	130	50
TNUXA10230	10 x 230 Ø10	311,377	TX40	160	50

• Non-assessed sizes
• Non-assessed sizes for Fire Resist



CODE	SIZE	€/BAG	PCS	BAGS
BZTNXA08080	8 x 80 Ø8	3,071	2	15
BZTNXA08100	8 x 100 Ø8	3,071	2	15
BZTNXA08120	8 x 120 Ø8	3,071	2	15
BZTNXA10080	10 x 80 Ø10	3,071	2	15
BZTNXA10100	10 x 100 Ø10	3,071	2	15
BZTNXA10120	10 x 120 Ø10	3,071	2	15



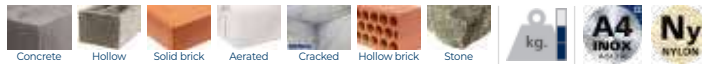
CODE	SIZE	€/BOX	PCS	BOXES
VTNUXA08080	8 x 80 Ø8	5,710	8	8
VTNUXA08100	8 x 100 Ø8	7,135	8	8
VTNUXA10080	10 x 80 Ø10	9,500	8	8
VTNUXA10100	10 x 100 Ø10	10,735	8	8



CODE	SIZE	€/BAG	PCS	BAGS
LSTNXA08080	8 x 80 Ø8	6,549	10	8
LSTNXA08100	8 x 100 Ø8	7,798	10	8
LSTNXA08120	8 x 120 Ø8	8,586	8	8
LSTNXA10080	10 x 80 Ø10	9,229	8	8
LSTNXA10100	10 x 100 Ø10	7,040	6	6



STAINLESS STEEL

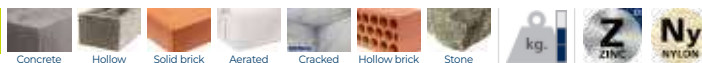


CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
• TNXA408080	8 x 80 Ø8	274,340	TX30	10	50
• TNXA408100	8 x 100 Ø8	330,807	TX30	30	50
• TNXA408120	8 x 120 Ø8	408,667	TX30	50	50
TNXA410080	10 x 80 Ø10	349,183	TX40	10	50
TNXA410100	10 x 100 Ø10	416,913	TX40	30	50
TNXA410120	10 x 120 Ø10	485,523	TX40	50	50
TNXA410140	10 x 140 Ø10	575,743	TX40	70	50

• Non-assessed sizes for Fire Resist



MULTI-MATERIAL



CODE	SIZE	€/100	N° RECESS	THICKNESS MAX. FIXTURE		
• TNUXE08060	8 x 60 Ø8	58,950	SW10/TX30	10	50	600
• TNUXE08080	8 x 80 Ø8	67,180	SW10/TX30	10	50	600
• TNUXE08100	8 x 100 Ø8	84,863	SW10/TX30	30	50	300
• TNUXE08120	8 x 120 Ø8	99,383	SW10/TX30	50	50	300
• TNUXE10060	10 x 60 Ø10	86,830	SW13/TX40	10	50	300
TNUXE10080	10 x 80 Ø10	102,387	SW13/TX40	10	50	300
TNUXE10100	10 x 100 Ø10	118,727	SW13/TX40	30	50	300
TNUXE10120	10 x 120 Ø10	158,407	SW13/TX40	50	50	300
TNUXE10140	10 x 140 Ø10	202,157	SW13/TX40	70	50	200
TNUXE10160	10 x 160 Ø10	202,630	SW13/TX40	90	50	150
TNUXE10180	10 x 180 Ø10	244,287	SW13/TX40	110	50	150
TNUXE10200	10 x 200 Ø10	322,963	SW13/TX40	130	50	150
TNUXE10230	10 x 230 Ø10	393,557	SW13/TX40	160	50	100

• Non-assessed sizes
• Non-assessed sizes for Fire Resist



CODE	SIZE	€/BAG	PCS	BAGS
BZTNXE08080	8 x 80 Ø8	3,071	2	15
BZTNXE08100	8 x 100 Ø8	3,071	2	15
BZTNXE08120	8 x 120 Ø8	3,071	2	15
BZTNXE10080	10 x 80 Ø10	3,071	2	15
BZTNXE10100	10 x 100 Ø10	3,071	2	15
BZTNXE10120	10 x 120 Ø10	3,071	2	15



CODE	SIZE	€/BOX	PCS	BOXES
VTNUXE08080	8 x 80 Ø8	6,837	8	8
VTNUXE08100	8 x 100 Ø8	8,633	8	8
VTNUXE10080	10 x 80 Ø10	10,415	8	8
VTNUXE10100	10 x 100 Ø10	12,075	8	8



CODE	SIZE	€/BAG	PCS	BAGS
LSTNXE08080	8 x 80 Ø8	7,467	10	8
LSTNXE08100	8 x 100 Ø8	9,434	10	8
LSTNXE08120	8 x 120 Ø8	9,904	8	8
LSTNXE10080	10 x 80 Ø10	6,832	6	6
LSTNXE10100	10 x 100 Ø10	7,921	6	6

T-NUX A

Countersunk head. TX recess. Zinc-plated. ETA Assessed



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

T-NUX A A4

A4 Stainless steel. Countersunk head. TX recess. ETA Assessed



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

T-NUX E

Hexagonal head. TX recess. Zinc-plated. ETA Assessed



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. TX recess. ETA Assessed



02 Technical info
P. 278

STAINLESS
STEEL



CODE	SIZE	€/100	N° RECESS	THICKNESS MAX. FIXTURE		
• TNXE408080	8 x 80 Ø8	385,110	SW10/TX30	10	50	600
• TNXE408100	8 x 100 Ø8	456,453	SW10/TX30	30	50	300
TNXE410080	10 x 80 Ø10	510,813	SW13/TX40	10	50	300
TNXE410100	10 x 100 Ø10	533,470	SW13/TX40	30	50	300
TNXE410120	10 x 120 Ø10	641,233	SW13/TX40	50	50	300
TNXE410140	10 x 140 Ø10	747,997	SW13/TX40	70	50	200

• Non-assessed sizes for Fire Resist

T-NUX T

Tamperproof Truss Head. TX recess. Zinc-plated. ETA Assessed



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

02 Technical info
P. 279

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
TNuxt10080	10 x 80 Ø10	105,537	TX40	10	50	300
TNuxt10100	10 x 100 Ø10	119,250	TX40	30	50	300
TNuxt10120	10 x 120 Ø10	140,047	TX40	50	50	200
TNuxt10140	10 x 140 Ø10	174,000	TX40	70	50	200
TNuxt10160	10 x 160 Ø10	185,717	TX40	90	50	200

T-FUX E

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



02 Technical info
P. 279

MULTI-MATERIAL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
• TFUXE10080	10 x 80 Ø10	110,990	SW13/TX40	10	50	300
TFUXE10100	10 x 100 Ø10	128,703	SW13/TX40	30	50	200
TFUXE10120	10 x 120 Ø10	168,017	SW13/TX40	50	50	200

• Non-assessed sizes for Fire Resist

T-NUX

Nylon plug



MULTI-MATERIAL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
TNux08060	8 x 60	23,580	-	50	800
TNux08080	8 x 80	25,430	-	50	600
TNux08100	8 x 100	29,317	-	50	600
TNux08120	8 x 120	32,330	-	50	600
TNux10060	10 x 60	30,393	-	50	600
TNux10080	10 x 80	30,820	-	50	600
TNux10100	10 x 100	37,507	-	50	600
TNux10120	10 x 120	44,183	-	50	600
TNux10140	10 x 140	57,543	-	50	300

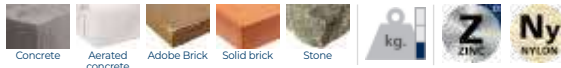


Polyamide 6.6 hammerfix nylon plug

TCA

 02
Technical
info
P. 279

MULTI-MATERIAL



TC-CA

Countersunk plug

CODE	SIZE	€/100		THICKNESS MAX. FIXTURE	MIN. ORDER QTY.		
TCCA05025	5 x 25 Ø5	6,697	PZ2	5	400	100	2.400
TCCA05030	5 x 30 Ø5	7,000	PZ2	5	400	100	2.400
TCCA05035	5 x 35 Ø5	7,917	PZ2	10	400	100	2.400
TCCA05050	5 x 50 Ø5	8,950	PZ2	25	200	100	1.200
TCCA06035	6 x 35 Ø6	8,633	PZ2	10	400	100	1.200
TCCA06040	6 x 40 Ø6	8,713	PZ2	10	400	100	1.200
TCCA06050	6 x 50 Ø6	10,573	PZ2	20	200	100	1.200
TCCA06060	6 x 60 Ø6	12,380	PZ2	30	200	100	1.200
TCCA06070	6 x 70 Ø6	15,297	PZ2	40	200	100	1.200
TCCA06080	6 x 80 Ø6	16,657	PZ2	50	200	100	1.200
TCCA08060	8 x 60 Ø8	18,653	PZ3	20	200	100	600
TCCA08080	8 x 80 Ø8	23,617	PZ3	40	200	100	600
TCCA08100	8 x 100 Ø8	28,880	PZ3	60	100	100	600
TCCA08120	8 x 120 Ø8	34,940	PZ3	80	100	100	400
TCCA08140	8 x 140 Ø8	43,860	PZ3	100	100	100	300

Blister

Window box

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZTCCA05030	5 x 30 Ø5	2,302	4	20
BZTCCA05050	5 x 50 Ø5	2,302	4	20
BZTCCA06040	6 x 40 Ø6	2,302	4	20
BZTCCA06050	6 x 50 Ø6	2,302	4	20
BZTCCA06060	6 x 60 Ø6	2,302	4	20
BZTCCA06070	6 x 70 Ø6	2,302	4	20
BZTCCA08060	8 x 60 Ø8	2,302	4	20
BZTCCA08080	8 x 80 Ø8	2,302	4	20
BZTCCA08100	8 x 100 Ø8	2,302	2	20
BZTCCA08120	8 x 120 Ø8	2,302	2	20

CODE	SIZE	€/BOX	PCS	BOXES
VTCCA05025	5 x 25 Ø5	2,986	30	8
VTCCA05030	5 x 30 Ø5	3,135	30	8
VTCCA05035	5 x 35 Ø5	3,458	30	8
VTCCA05050	5 x 50 Ø5	3,819	30	8
VTCCA06035	6 x 35 Ø6	3,683	30	8
VTCCA06040	6 x 40 Ø6	3,778	30	8
VTCCA06050	6 x 50 Ø6	4,149	30	8
VTCCA06060	6 x 60 Ø6	4,282	25	8
VTCCA06070	6 x 70 Ø6	5,285	25	8
VTCCA08060	8 x 60 Ø8	5,142	20	8
VTCCA08080	8 x 80 Ø8	6,562	20	8

CODE	SIZE	€/BAG	PCS	BAGS
LSTCCA05025	5 x 25 Ø5	3,128	30	10
LSTCCA05030	5 x 30 Ø5	3,297	30	8
LSTCCA05035	5 x 35 Ø5	3,514	30	7
LSTCCA05050	5 x 50 Ø5	3,947	30	7
LSTCCA06035	6 x 35 Ø6	3,920	30	7
LSTCCA06040	6 x 40 Ø6	3,965	30	6
LSTCCA06050	6 x 50 Ø6	4,082	25	6
LSTCCA06060	6 x 60 Ø6	4,699	25	6
LSTCCA06070	6 x 70 Ø6	5,136	25	6
LSTCCA08060	8 x 60 Ø8	5,096	20	6
LSTCCA08080	8 x 80 Ø8	6,377	20	6


 ALSO AVAILABLE
easykits


MULTI-MATERIAL



CODE	SIZE	€/PC		THICKNESS MAX. FIXTURE	MIN. ORDER QTY.		PCS. X JAR
TCCAEP5030	5 x 30 Ø5	49,021	PZ3	5	2	1	750
TCCAEP6040	6 x 40 Ø6	44,314	PZ3	10	2	1	500

TC-CA EP

Plastic container





TC-SP

High expansion hammerfix plug

TC-SP

With countersunk head

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P. 279
Technical
info

MULTI-MATERIAL



Stone



Hollow brick



Concrete



Solid brick

Z
ZINCNy
NYLON

CODE	SIZE	€/100	N° RECESS	THICKNESS MAX. FIXTURE		
TCSP05027	5 x 27	8,377	PZ2	5	100	2.400
TCSP06032	6 x 32	9,857	PZ2	5	100	1.200
TCSP06040	6 x 40	10,217	PZ2	10	100	1.200

TC-SP EP

Plastic container



MULTI-MATERIAL



Stone



Hollow brick



Concrete



Solid brick

Z
ZINCNy
NYLON

CODE	SIZE	€/PC	N° RECESS	THICKNESS MAX. FIXTURE		PCS. X JAR
TCSPEP05027	5 x 27	60,860	PZ2	5	1	750
TCSPEP06032	6 x 32	47,798	PZ2	5	1	500
TCSPEP06040	6 x 40	49,362	PZ2	10	1	500

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

4-way expansion plug for all materials

TN4S



Technical
info

MULTI-MATERIAL



Concrete



Hollow
concrete



Adobe Brick



Solid brick



Hollow brick



Stone



Plasterboard



kg.



Ny
NYLON

TN4S

Plug



Blister

CODE	SIZE	€/BAG	PCS B	BAGS
BZTN4S05	5 x 25 Ø5	2,302	25	15
BZTN4S06	6 x 30 Ø6	2,302	25	15
BZTN4S08	8 x 40 Ø8	2,302	15	10
BZTN4S10	10 x 50 Ø10	2,302	10	10
BZTN4S12	12 x 60 Ø12	2,302	6	10

MULTI-MATERIAL



Concrete



Hollow
concrete



Adobe Brick



Solid brick



Hollow brick



Stone



Plasterboard



kg.



Ny
NYLON

TN4S EP

Plastic container

CODE	SIZE	€/PC	SCREW SIZE	MIN. ORDER QTY.			PCS. X JAR
TN4S06EP	6 x 30 Ø6	33,807	TPPO 4-5	2	1	3	1.000
TN4S08EP	8 x 40 Ø8	26,762	TPPO 4,5, TB 5-6	2	1	3	500
TN4S10EP	10 x 50 Ø10	28,551	TB 6-8	2	1	3	300





TN4S

4-way expansion plug for all materials

NEW TN4S-A

Plug with collar



MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE	MIN. ORDER QTY.	
TN4SA06	6	4,310	TPPO 3,5-4	-	100

NEW TN4S-A EP

Plug with collar. Plastic container



MULTI-MATERIAL



CODE	SIZE	€/PC	SCREW SIZE	MIN. ORDER QTY.			PCS. X JAR
TN4SA06EP	6	39,652	TPPO 4-5	-	1	-	1.000

TACON

Nylon plug

TACON

Plug



02 Technical info
P. 280

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE	MIN. ORDER QTY.	
TACON04	4 x 20 Ø4	2,663	TPPO 2,5-3	400	100
TACON05	5 x 25 Ø5	1,927	TPPO 2,5-4	400	100
TACON06	6 x 30 Ø6	1,973	TPPO 3,5-4	400	100
TACON07	7 x 30 Ø7	4,120	TPPO 4-4,5	400	100
TACON08	8 x 40 Ø8	3,887	TPPO 4,5, TB 5-6	400	100
TACON10	10 x 50 Ø10	6,553	TB 6-8	200	50
TACON12	12 x 60 Ø12	12,003	TB 8-10	100	25
TACON14	14 x 70 Ø14	19,407	TB 10-12	80	20
TACON16	16 x 80 Ø16	109,990	TB 12-14	40	10

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZTACON04	4 x 20 Ø4	1,820	25	15
BZTACON05	5 x 25 Ø5	1,820	25	15
BZTACON06	6 x 30 Ø6	1,820	25	15
BZTACON08	8 x 40 Ø8	1,820	15	10
BZTACON10	10 x 50 Ø10	1,820	10	10
BZTACON12	12 x 60 Ø12	1,820	5	10

TACOL

Plug with collar



02 Technical info
P. 280

MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE	MIN. ORDER QTY.	
TACOL05	5 x 25 Ø5	2,737	TPPO 2,5-4	400	100
TACOL06	6 x 30 Ø6	3,276	TPPO 3,5-4	400	100
TACOL08	8 x 40 Ø8	4,597	TPPO 4,5, TB 5-6	400	100
TACOL10	10 x 50 Ø10	8,253	TB 6-8	200	50
TACOL12	12 x 60 Ø12	17,927	TB 8-10	100	25



Nylon plug

TACON



MULTI-MATERIAL



CODE	SIZE	€/100	SCREW SIZE		
TACOLA06	6 x 30 Ø6	3,392	TPPO 3,5-4	100	2.400

TACOL-A

Plug with wide collar



Universal plug with collar and knot-like form

MEDU



HOLLOW



CODE	SIZE	SUITABLE FOR	€/100	MIN. ORDER QTY.		
MEDUB06	6 x 35 Ø6	TPPO 3,5-4	3,500	600	150	2.400
MEDUB07	8 x 45 Ø8	TPPO 4	7,843	400	100	1.600
MEDUB08	8 x 50 Ø8	TPPO 4-4,5	6,013	320	80	1.200
MEDUB10	10 x 60 Ø10	TPPO 6, TB 6-7	9,003	200	50	800



CODE	SIZE	€/BAG	PCS	BAGS
BZMEDUB06	6 x 35 Ø6	2,302	10	20
BZMEDUB08	8 x 50 Ø8	2,302	10	20
BZMEDUB10	10 x 60 Ø10	2,302	6	20



Plugs for plasterboard

TAPLA



HOLLOW



CODE	SIZE	SUITABLE FOR	€/100		MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
TAPLANY	15 x 33	TPPO 4,5 x 40 / DIN-7981 4,2 x 38	12,200	PH2/PH3	9-16	200	100	1.600



CODE	SIZE	€/BAG	PCS	BAGS
BZTAPLANY	15 x 33	2,302	4	15

TAPLA NY

Nylon plug



HOLLOW



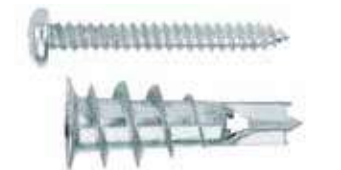
CODE	SIZE	SUITABLE FOR	€/100		MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
TAPLAME	13 x 32	DIN-7981 4,2 x 32	27,363	PH2/PH3	9-16	200	100	1.600



CODE	SIZE	€/BAG	PCS	BAGS
BZTAPLAME	13 x 32	3,071	4	15

TAPLA ME

Zamak plug with DIN 7981 4,2 x 32





TAPLA

Plugs for plasterboard

TAPLA ZK

Zamak plug

Technical
info

HOLLOWS



CODE	SIZE	SUITABLE FOR	€/100		MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
TAPLAZK	13 x 37	TPPO 4,5 x 50 / DIN-7981 4,2 x 38	29,970	PH3	9-16	200	100	1.600

ANCLA

Nylon plug for hollow bricks and plasterboard

Technical
info

HOLLOWS



CODE	SIZE	€/100	MIN. ORDER QTY.		
ANCLA40	10 x 40 Ø10	10,543	200	100	600
ANCLA47	10 x 47 Ø10	12,320	200	100	600



Blister

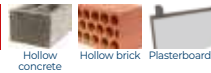
CODE	SIZE	€/BAG	PCS	BAGS
BZANCLA40	10 x 40 Ø10	2,302	4	12
BZANCLA47	10 x 47 Ø10	2,302	4	12



Indemoll anchor for hollow elements fixing

IN

HOLLOWS



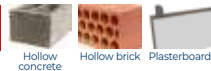
CODE	€/100		
INPINZANI	1.278,387	1	20

INPIN

Pliers



HOLLOWS



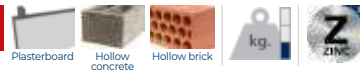
CODE	€/100		
INPISANIN	3.131,017	1	10

INPIS

Gun



HOLLOWS



CÓDIGO	COMPONENTES	MEDIDA COMPONENTES	UDS X KIT	€/KIT	KITS X 
KITINPIN01	INPINZANI	-	1	42,218	1
	INCO432	M4 x 41 Ø 8	20		
	INCO537	M5 x 46 Ø 10	20		

KITINPIN

Drywall kit





IN

Indemoll anchor for hollow elements fixing

IN-CO

With panhead screw



Technical
info

HOLLOWES



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
INCO421	M4 x 30 Ø 8	25,153	17 -hmin	100	2.400
INCO432	M4 x 41 Ø 8	25,557	22 -hmin	100	1.200
INCO438	M4 x 47 Ø 8	27,767	30 -hmin	100	1.200
INCO446	M4 x 53 Ø 8	30,203	33 -hmin	100	1.200
INCO459	M4 x 67 Ø 8	34,087	52 -hmin	100	1.200
INCO537	M5 x 46 Ø 10	35,080	26 -hmin	100	1.200
INCO552	M5 x 59 Ø 10	37,613	42 -hmin	100	600
INCO565	M5 x 72 Ø 10	44,653	55 -hmin	100	600
INCO580	M5 x 89 Ø 10	50,073	61 -hmin	100	600
INCO637	M6 x 46 Ø 12	39,997	25 -hmin	100	1.200
INCO652	M6 x 59 Ø 12	46,460	38 -hmin	100	600
INCO665	M6 x 72 Ø 12	51,773	49 -hmin	100	600
INCO680	M6 x 89 Ø 12	67,987	78 -hmin	100	600



Blister

CODE	SIZE	€/BAG	PCS BAG	BAGS
BZINCO432	M4 x 41 Ø 8	2,302	2	20
BZINCO438	M4 x 47 Ø 8	2,302	2	20
BZINCO537	M5 x 46 Ø 10	2,302	2	20
BZINCO552	M5 x 59 Ø 10	2,302	2	15
BZINCO565	M5 x 72 Ø 10	2,302	2	15
BZINCO637	M6 x 46 Ø 12	2,302	2	15
BZINCO652	M6 x 59 Ø 12	2,302	2	15



Window box

CODE	SIZE	€/BOX	PCS BOX	BOXES
VINCO432	M4 x 41 Ø 8	5,004	15	8
VINCO438	M4 x 47 Ø 8	5,408	15	8
VINCO446	M4 x 53 Ø 8	5,925	15	8
VINCO537	M5 x 46 Ø 10	6,881	15	8
VINCO552	M5 x 59 Ø 10	5,902	12	8
VINCO637	M6 x 46 Ø 12	5,199	10	8
VINCO652	M6 x 59 Ø 12	6,049	10	8



Self-service

CODE	SIZE	€/BAG	PCS BAG	BAGS
LSINCO432	M4 x 41 Ø 8	8,850	30	6
LSINCO438	M4 x 47 Ø 8	9,615	30	6
LSINCO446	M4 x 53 Ø 8	10,460	30	6
LSINCO537	M5 x 46 Ø 10	10,123	25	6
LSINCO552	M5 x 59 Ø 10	7,813	18	7
LSINCO637	M6 x 46 Ø 12	9,233	20	7
LSINCO652	M6 x 59 Ø 12	8,045	15	7

IN-HE

With hexagonal-head screw



Technical
info

HOLLOWES



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
INHE837	M8 x 45 Ø 14	90,600	25 -hmin	100	600
INHE855	M8 x 60 Ø 14	104,213	36 -hmin	100	400
INHE865	M8 x 73 Ø 14	124,083	47 -hmin	100	400

IN-SI

Without screw



HOLLOWES



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
INSI421	M4 x 21 Ø 8	19,347	17 -hmin	100	2.400
INSI432	M4 x 32 Ø 8	21,060	22 -hmin	100	2.400
INSI438	M4 x 38 Ø 8	22,893	30 -hmin	100	2.400
INSI537	M5 x 37 Ø 10	27,027	26 -hmin	100	1.200
INSI552	M5 x 52 Ø 10	31,687	42 -hmin	100	600
INSI565	M5 x 65 Ø 10	35,143	55 -hmin	100	600
INSI637	M6 x 37 Ø 12	32,757	25 -hmin	100	1.200
INSI652	M6 x 52 Ø 12	40,003	38 -hmin	100	600
INSI665	M6 x 65 Ø 12	44,820	49 -hmin	100	600
INSI865	M8 x 65 Ø 14	77,867	47 -hmin	100	400



Gravity toggle for fixing lightweight in ceilings

BA-NO



Technical
info

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAESM04	M4 Ø14	59,517	100	50	300
BAESM05	M5 Ø14	65,423	100	50	300
BAESM06	M6 Ø16	85,093	100	50	200
BAESM08	M8 Ø20	139,957	50	50	200



Blister



Window box



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZBAESM04	M4 Ø14	3,071	2	12
BZBAESM05	M5 Ø14	3,071	2	12
BZBAESM06	M6 Ø16	3,071	2	10

CODE	SIZE	€/BOX	PCS	BOXES
VBAESM04	M4 Ø14	5,247	6	8
VBAESM05	M5 Ø14	5,403	6	8
VBAESM06	M6 Ø16	4,690	4	8

CODE	SIZE	€/BAG	PCS	BAGS
LSBAESM04	M4 Ø14	5,100	6	6
LSBAESM05	M5 Ø14	5,247	6	6
LSBAESM06	M6 Ø16	4,558	4	6

BA-ES

Projecting bolt



ALSO AVAILABLE

easykits



Technical
info

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
BAGAM04	M4 Ø14	61,903	100	50	300
BAGAM05	M5 Ø14	69,513	100	50	300
BAGAM06	M6 Ø16	86,870	100	50	200
BAGAM08	M8 Ø20	145,310	50	50	150



Blister



Window box



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZBAGAM04	M4 Ø14	3,071	2	12
BZBAGAM05	M5 Ø14	3,071	2	12
BZBAGAM06	M6 Ø16	3,071	2	10

CODE	SIZE	€/BOX	PCS	BOXES
VBAGAM04	M4 Ø14	5,282	6	8
VBAGAM05	M5 Ø14	5,691	6	8
VBAGAM06	M6 Ø16	4,766	4	8

CODE	SIZE	€/BAG	PCS	BAGS
LSBAGAM04	M4 Ø14	5,136	6	6
LSBAGAM05	M5 Ø14	5,529	6	6
LSBAGAM06	M6 Ø16	4,630	4	6

BA-GA

Hook



ALSO AVAILABLE

easykits



Technical
info

HOLLOWES



CODE	SIZE	€/100		
CABA004	M4 Ø14	30,687	100	1.200
CABA005	M5 Ø14	33,593	100	1.200
CABA006	M6 Ø16	39,170	100	600
CABA008	M8 Ø20	68,107	100	400



Window box



Self-service

CODE	SIZE	€/BOX	PCS	BOXES
VCABA004	M4 Ø14	8,030	20	8
VCABA005	M5 Ø14	8,965	20	8
VCABA006	M6 Ø16	7,726	15	8

CODE	SIZE	€/BAG	PCS	BAGS
LSCABA004	M4 Ø14	8,071	20	6
LSCABA005	M5 Ø14	8,703	20	6
LSCABA006	M6 Ø16	7,617	15	7

CA-BA

Toggle head



ALSO AVAILABLE

easykits



Technical
info

HOLLOWES



CODE	SIZE	€/100		
BANYM05	M5 Ø13	123,500	25	100
BANYM06	M6 Ø13	123,500	25	100

BA-NY NEW

Nylon





PA-LO

Spring toggle

PA-ES

Projecting bolt



Technical
info

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAESM04	M4 Ø12	48,407	100	50	300
PAESM05	M5 Ø15	53,627	100	50	300
PAESM06	M6 Ø18	66,873	100	50	200
PAESM08	M8 Ø22	119,037	50	50	150



Blister



Window box



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZPAESM04	M4 Ø12	3,071	2	12
BZPAESM05	M5 Ø15	3,071	2	12
BZPAESM06	M6 Ø18	3,071	2	10

CODE	SIZE	€/BOX	PCS	BOXES
VPAESM04	M4 Ø12	4,177	6	8
VPAESM05	M5 Ø15	4,724	6	8
VPAESM06	M6 Ø18	4,002	4	8

CODE	SIZE	€/BAG	PCS	BAGS
LSPAESM04	M4 Ø12	4,025	6	6
LSPAESM05	M5 Ø15	4,590	6	6
LSPAESM06	M6 Ø18	3,854	4	6

PA-GA

Hook



Technical
info

HOLLOWES



CODE	SIZE	€/100	MIN. ORDER QTY.		
PAGAM04	M4 Ø12	49,360	100	50	300
PAGAM05	M5 Ø15	56,357	100	50	300
PAGAM06	M6 Ø18	79,200	100	50	200
PAGAM08	M8 Ø22	132,970	50	50	150



Blister



Window box



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
BZPAGAM04	M4 Ø12	3,071	2	12
BZPAGAM05	M5 Ø15	3,071	2	12
BZPAGAM06	M6 Ø18	3,071	2	10

CODE	SIZE	€/BOX	PCS	BOXES
VPAGAM04	M4 Ø12	4,028	6	8
VPAGAM05	M5 Ø15	4,686	6	8
VPAGAM06	M6 Ø18	4,215	4	8

CODE	SIZE	€/BAG	PCS	BAGS
LSPAGAM04	M4 Ø12	4,224	6	6
LSPAGAM05	M5 Ø15	4,804	6	6
LSPAGAM06	M6 Ø18	4,515	4	6

CA-PA

Spring toggle head



HOLLOWES



CODE	SIZE	€/100		
CAPA004	M4 Ø12	18,923	100	2.400
CAPA005	M5 Ø15	21,917	100	1.200
CAPA006	M6 Ø18	25,810	100	600
CAPA008	M8 Ø22	57,993	100	400



Window box



Self-service

CODE	SIZE	€/BOX	PCS	BOXES
VCAPA004	M4 Ø12	6,223	24	8
VCAPA005	M5 Ø15	6,130	20	8
VCAPA006	M6 Ø18	5,631	15	8

CODE	SIZE	€/BAG	PCS	BAGS
LSCAPA004	M4 Ø12	6,104	24	8
LSCAPA005	M5 Ø15	6,016	20	7
LSCAPA006	M6 Ø18	5,310	15	7



Trap doors for plasterboard

TR

HOLLOWS



CODE	SIZE	€/PC	
TRBL200200	200 x 200	27,097	1
TRBL300300	300 x 300	37,474	1
TRBL400400	400 x 400	52,764	1
TRBL500500	500 x 500	74,395	1
TRBL600600	600 x 600	95,129	1



TR-BL

White lacquered (RAL 9016)



HOLLOWS



CODE	SIZE	€/PC	
TR13200200	200 x 200	40,143	2
TR13300300	300 x 300	48,973	2
TR13400400	400 x 400	60,941	2
TR13500500	500 x 500	76,428	1
TR13600600	600 x 600	95,298	1



TR-13

13 mm



HOLLOWS



CODE	SIZE	€/PC	
TR15200200	200 x 200	87,403	2
TR15300300	300 x 300	97,393	2
TR15400400	400 x 400	112,813	2
TR15500500	500 x 500	136,210	1
TR15600600	600 x 600	158,911	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

MO

CHEMICAL



CODE	SIZE	€/PC	
MOPU300	300 ml.	14,443	12
MOPU410	410 ml.	17,464	12



M8-M24

MO-PU

Universal polyester. Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/PC	
MOP300	300 ml.	15,987	12
MOP410	410 ml.	18,887	12



M8-M24

MO-P+

Polyester PLUS. Opt.7 ETA Assessed



CHEMICAL



CODE	SIZE	€/PC	
MOPS300	300 ml.	18,670	12
MOPS410	410 ml.	23,527	12

KIT MO-PS+

MOPS300EP	300 ml.	28,759	1
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- Content:
- Cartridge MOPS300 (300 ml.) - x1
 - Nozzle MORCANU x2
 - Stud bolt MOES08110 (M8 x 110 Ø8) - x4
 - Plastic sleeve MOTN15085 (15 x 85) - x4

See video



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

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



M8-M24

MO-PS+

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



CHEMICAL



CODE	SIZE	€/PC	
MOPSP300	300 ml.	20,367	12
MOPSP410	410 ml.	25,667	12



M8-M24

MO-PSP+

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



MO

Chemical fixings

MO-V

Vinylester.
Opt.7 ETA Assessed



CODE	SIZE	€/PC	
MOV300	300 ml.	20,190	12
MOV410	410 ml.	24,470	12

CHEMICAL



M8-M24

MO-VS

Vinylester styrene
free. Opt.7 ETA
Assessed



CODE	SIZE	€/PC	
MOV5300	300 ml.	22,930	12
MOV5410	410 ml.	28,127	12

CHEMICAL



Ø8-Ø20



M8-M24

MO-H

Hybrid styrene free.
Opt.1 ETA Assessed



CODE	SIZE	€/PC	
MOH300	300 ml.	27,520	12
MOH410	410 ml.	32,013	12

CHEMICAL



Ø8-Ø25



Ø8-Ø32



M8-M30

MO-HW

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



CODE	SIZE	€/PC	
MOHW300	300 ml.	28,893	12
MOHW410	410 ml.	33,910	12

CHEMICAL



Ø8-Ø32



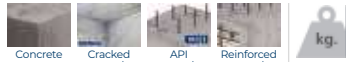
M8-M30



Chemical fixings

MO

CHEMICAL



CODE	SIZE	€/PC	
MOPURE600	600 ml.	79,380	12

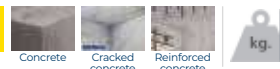


MOPURE

Pure Epoxy 1:1.
Opt.1 ETA Assessed



CHEMICAL



CODE	SIZE	€/PC	
MOPUR30385	385 ml.	57,477	12
MOPUR30585	585 ml.	76,973	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-PIS

Guns for chemical fixings

MO-PIS

Guns



MOPISTO



MOPISPR



MOPISSI



MOISPUR6



MOPISNEU



MOISPSP3

CODE	SIZE	€/PC	
MOPISTO	Manual / Manuel 410 ml.	44,793	1
MOPISPR	Profesional / Professional / Professionnel 410 ml.	110,621	1
MOPISSI	Silicona / Silicone/ 300 ml.	25,628	1
MOISPUR6	MOPURE600 - 600 ml.	60,366	1
MOPISNEU	Neumática / Pneumatic / Pneumatique	1.464,865	1
MOISPSP385	MOPUR3 - 385 ml.	122,129	1
MOISPSP3585	MOPUR3 - 585 ml.	138,694	1

MO-TN

Plastic Mesh Sleeves



CODE	SIZE	€/100	MIN. ORDER QTY.		
MOTN12050	12 x 50	43,457	24	12	2.256
MOTN12080	12 x 80	38,593	24	12	2.256
MOTN15085	15 x 85	38,213	24	12	1.500
MOTN15130	15 x 130	45,073	24	12	1.008
MOTN20085	20 x 85	43,487	24	12	1.008

 Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMOTN12050	12 x 50	2,792	4	7
LSMOTN15085	15 x 85	2,780	4	6
LSMOTN20085	20 x 85	2,455	2	6

MO-TR

Internally Threaded Sockets



CODE	SIZE	€/100		
MOTRO08	M8 x 80 Ø12	213,387	12	540
MOTRO10	M10 x 80 Ø14	285,857	12	288
MOTRO12	M12 x 80 Ø16	346,110	12	288

MO-AC

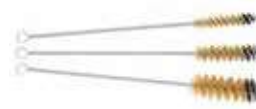
Mixer nozzles and more



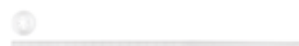
MOBOMBA
Blow pump



MORCAPU
Mixer nozzle (385-585-600 ml)



MORCEPKIT
3 brushes kit



MO-TL
Long cut-out sieve for fixing on tile roof + scraper



MORCANU
Mixer nozzle (300-410 ml)



MO-PC
Nozzle extender for chemical fixings

CODE	SIZE	€/PC		
MOBOMBA	Bomba Sopladora / Blow pump / Pompe soufflante	15,920	1	1
MORCANU	170 ml. - 300 ml. - 410 ml.	1,033	12	1.008
MORCAPU	Cánula/ Nozzle/ Canule/ Cànula (385-585-600 ml)	1,583	12	24
MORCEPKIT	Kit Cepillo / Brush / Écouvillon (1 x Ø14 - 1 x Ø20 - 1 x Ø27)	77,063	1	1
MOTL16330 NEW	16 x 330	312,333	-	10
MOPC185 NEW	185 mm	4,587	-	1

MO-ES

Stud bolt



CODE	SIZE	€/100		
MOES06070	M6 x 70 Ø6	59,320	12	540
MOES08110	M8 x 110 Ø8	100,393	12	288
MOES10115	M10 x 115 Ø10	133,340	12	144
MOES12110	M12 x 110 Ø12	177,657	12	144

 Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMOES06070	M6 x 70 Ø6	4,305	4	10
LSMOES08110	M8 x 110 Ø8	6,143	4	7
LSMOES10115	M10 x 115 Ø10	7,578	4	6
LSMOES12110	M12 x 110 Ø12	9,518	4	6

MO-TM

Wire Mesh Sleeves



CODE	SIZE	€/100	
MOTM12100	12 x 1000 Ø11	1.857,163	10
MOTM16100	16 x 1000 Ø14	2.103,127	10
MOTM22100	22 x 1000 Ø21	2.470,290	5



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

CA-QU



CHEMICAL



CODE	SIZE	€/100		
CAQU008	8 x 80 Ø10	207,147	10	500
CAQU010	10 x 90 Ø12	211,907	10	500
CAQU012	12 x 110 Ø14	220,943	10	200
CAQU016	16 x 125 Ø18	245,643	10	200
CAQU020	20 x 170 Ø25	499,807	6	60
CAQU024	24 x 210 Ø28	585,190	6	60
CAQU030	30 x 280 Ø35	1.043,510	6	30

• Non-assessed sizes

CA-QU

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

INDEX CAQU012



Stud bolt for chemical anchor, with nut and washer

EQ

CHEMICAL



CODE	SIZE	€/100		
EQAC08110	M8 x 110	87,917	10	240
EQAC10130	M10 x 130	141,233	10	120
EQAC10190	M10 x 190	221,187	10	30
EQAC12160	M12 x 160	225,140	10	120
EQAC12220	M12 x 220	341,143	10	30
EQAC16190	M16 x 190	426,757	10	40
EQAC16250	M16 x 250	615,507	10	30
EQAC20260	M20 x 260	922,920	6	12
EQAC20350	M20 x 350	1.353,510	6	-
EQAC24300	M24 x 300	1.402,707	6	12
EQAC24380	M24 x 380	2.238,247	6	-
EQAC30330	M30 x 330	2.914,197	6	12

EQ-AC

Zinc-plated



CHEMICAL



CODE	SIZE	€/100		
EQ8808110	M8 x 110	96,627	10	240
EQ8810130	M10 x 130	159,383	10	120
EQ8812160	M12 x 160	275,653	10	60
EQ8816190	M16 x 190	473,450	6	24
EQ8820260	M20 x 260	1.023,243	6	24
EQ8824300	M24 x 300	1.519,957	6	12

EQ-8.8

Zinc-plated 8.8



CHEMICAL



CODE	SIZE	€/100		
EQA208110	M8 x 110	341,587	10	240
EQA210130	M10 x 130	564,510	10	120
EQA212160	M12 x 160	935,570	10	120
EQA216190	M16 x 190	1.938,470	10	40
EQA220260	M20 x 260	3.704,930	6	12
EQA224300	M24 x 300	5.920,680	6	12
EQA230330	M30 x 330	10.802,067	6	12

EQ-A2

A2 Stainless steel



CHEMICAL



CODE	SIZE	€/100		
EQA408110	M8 x 110	340,480	10	240
EQA410130	M10 x 130	618,447	10	120
EQA412160	M12 x 160	1.063,837	10	120
EQA416190	M16 x 190	2.193,730	10	40
EQA420260	M20 x 260	5.074,133	6	12
EQA424300	M24 x 300	8.363,180	6	12
EQA430330	M30 x 330	14.752,700	6	12

EQ-A4

A4 Stainless steel



Selection table

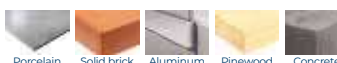
	MSPRB290	MSPRG290	MSPRM290	MSPRN290	MSTR290	MSSF290
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	•	•	•	•		•
	•	•	•	•	•	•
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	300 %	300 %	300 %	300 %	250 %	200 %
	150 kg/10 cm²	150 kg/10 cm²	150 kg/10 cm²	150 kg/10 cm²	140 kg/10 cm²	430 kg/10 cm²
	•	•	•	•	•	•
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						•



Adhesives Hybrid MS Polymer

MS

CHEMICAL



CODE	SIZE	COLOR	€/PC	
MSPRB290	290 ml. (Blanco)	WHITE	10,477	12
MSPRG290	290 ml. (Gris)	GREY	10,477	12
MSPRM290	290 ml. (Marrón)	BROWN	10,477	12
MSPRN290	290 ml. (Negro)	BLACK	10,477	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.

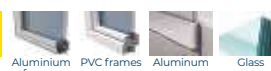
MS-PR

Adhesive MS Professional



ISEGA

CHEMICAL



CODE	SIZE	COLOR	€/PC	
MSTR290	290 ml. (Transparente)	TRANSPARENT	14,829	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.

MS-TR

Adhesive MS Transparent



CHEMICAL



CODE	SIZE	COLOR	€/PC	
MSSF290	290 ml. (Blanco)	WHITE	12,571	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-SF

Adhesive MS Superfast High Tack



Selection table

	SI-PR					SI-PRS		SI-UNI					SI-UNS		SE-ACR	
																
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Silicones

SI

CHEMICAL

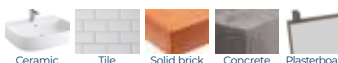


CODE	SIZE	COLOR	€/PC	
SIPRB280	280 ml. (Blanco)	WHITE	11,298	12
SIPRG280	280 ml. (Gris)	GREY	11,298	12
SIPRM280	280 ml. (Marrón)	BROWN	11,298	12
SIPRN280	280 ml. (Negro)	BLACK	11,298	12
SIPRT280	280 ml. (Transparente)	TRANSPARENT	11,298	12

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

CHEMICAL

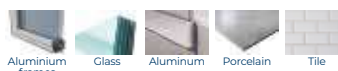


CODE	SIZE	COLOR	€/PC	
SIPRSB280	280 ml. (Blanco)	WHITE	11,298	12
SIPRST280	280 ml. (Transparente)	TRANSPARENT	11,298	12

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

CHEMICAL



CODE	SIZE	COLOR	€/PC	
SIUNIB280	280 ml. (Blanco)	WHITE	8,222	12
SIUNIG280	280 ml. (Gris)	GREY	8,222	12
SIUNIM280	280 ml. (Marrón)	BROWN	8,222	12
SIUNIT280	280 ml. (Transparente)	TRANSPARENT	8,222	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

SI-PR

Professional neutral silicone for smooth and porous materials



SI-PRS

Professional neutra SANITARI silicone with fungicidal properties



SI-UNI

Multipurpose universal acetic silicone



SI

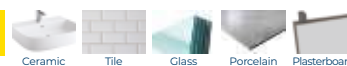
Silicones

SI-UNS

Multipurpose universal acetic SANITAR silicone with fungicidal properties



CHEMICAL



CODE	SIZE	COLOR	€/PC	
SIUNSB280	280 ml. (Blanco)	WHITE	8,222	12
SIUNST280	280 ml. (Transparente)	TRANSPARENT	8,222	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

SE-ACR

Acrylic sealant for joints & cracks



CHEMICAL

CODE	SIZE	COLOR	€/PC	
SEACRB280	280 ml. (Blanco)	WHITE	4,957	12
SEACRG280	280 ml. (Gris)	GREY	4,957	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

MS-CA

Adhesives Hybrid MS Polymer

CHEMICAL



MSCAHT



MSCATP

CODE	SIZE	SUITABLE FOR	€/BAG		
MSCATP	Tapón	MS-PR, MS-T, SI	12,259	1	18
MSCAHT	Ancha	MS-SF	12,845	1	18



Polyurethane foams

PU

CHEMICAL



CODE	SIZE	€/PC	
PUSP750	750 ml.	14,097	12

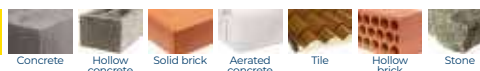


PU-SP

Multipurpose polyurethane foam for gun application



CHEMICAL



CODE	SIZE	€/PC	
PUSC750	750 ml.	13,405	12



NEW ECOFLEX NOZZLE

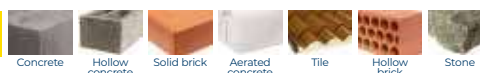
Its innovative blocking system means that the product can be kept and reused for several days, reducing product waste and being more environmentally friendly.

PU-SC

Multipurpose polyurethane foam for ECOFLEX nozzle application



CHEMICAL



CODE	SIZE	€/PC	
PUTP750	750 ml.	14,860	12



PU-TP

Polyurethane foam for gun application. Grey colour



PU

Polyurethane foams

PU-TPR

Polyurethane foam for fixing tiles for gun application. Tile colour



CHEMICAL	Concrete	Hollow concrete	Solid brick	Aerated concrete	Tile	Hollow brick	Stone
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CODE	SIZE	€/PC	
PUTPR750	750 ml.	14,860	12



PU-FP

Fire-resistant polyurethane foam for gun application



CHEMICAL	Concrete	Hollow concrete	Solid brick	Aerated concrete	Tile	Hollow brick	Stone
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CODE	SIZE	€/PC	
PUTFP750	750 ml.	25,272	12



PU-FC

Fire-resistant polyurethane foam for ECOFLEX nozzle application



CHEMICAL	Concrete	Hollow concrete	Solid brick	Aerated concrete	Tile	Hollow brick	Stone
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CODE	SIZE	€/PC	
PUTFC750	750 ml.	24,512	12



Polyurethane foams

PU

CHEMICAL



CODE	SIZE	€/PC	
PUEP750	750 ml.	23,309	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-EP

Polyurethane adhesive for ETICS/ panels for gun application



CHEMICAL



CODE	SIZE	€/PC	
PUCL500	500 ml.	14,618	12



PU-CL

Cleaner for polyurethane foam accessories



PU-PI

Application guns for polyurethane foams

PU-PI

Professional gun



CHEMICAL

CODE	SIZE	€/PC		
PUPI01	750 ml.	93,052	1	12

PU-PI 2

Basic gun



CHEMICAL

CODE	SIZE	€/PC		
PUPI02	750 ml.	39,017	1	12

PU-CA

Nozzle for polyurethane foam application



CHEMICAL

CODE	SIZE	€/PC		
PUCA01	750 ml.	5,008	1	18



METAL FIXINGS

MTH

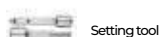
Through bolt anchor for heavy loads in uncracked concrete

MTH

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



Also available with DIN 9021 washer. Ask for price and delivery time



Setting tool

Technical info
P. 283

SOLID



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
AH06060	M6 x 60 Ø6	44,450	2	B	200	1.200
AH06070	M6 x 70 Ø6	46,147	12	C	200	1.200
AH06080	M6 x 80 Ø6	47,837	22	D	200	1.200
AH06090	M6 x 90 Ø6	49,293	32	E	200	1.200
AH06100	M6 x 100 Ø6	51,347	42	E	200	800
AH06110	M6 x 110 Ø6	66,950	52	F	200	800
AH06120	M6 x 120 Ø6	70,290	62	G	100	600
AH06130	M6 x 130 Ø6	81,313	72	H	100	600
AH06140	M6 x 140 Ø6	81,890	82	I	100	400
AH06150	M6 x 150 Ø6	84,030	92	I	100	400
AH06160	M6 x 160 Ø6	90,530	102	J	100	400
AH06170	M6 x 170 Ø6	102,650	112	K	100	400
AH06180	M6 x 180 Ø6	112,777	122	L	100	200
AH08060	M8 x 60 Ø8	55,020	3	B	100	600
AH08075	M8 x 75 Ø8	58,173	5	C	100	600
AH08090	M8 x 90 Ø8	63,067	20	E	100	600
AH08100	M8 x 100 Ø8	67,290	30	E	100	400
AH08115	M8 x 115 Ø8	78,950	45	G	100	400
AH08120	M8 x 120 Ø8	86,400	50	G	100	400
AH08130	M8 x 130 Ø8	90,973	60	H	100	400
AH08155	M8 x 155 Ø8	137,997	85	J	100	200
AH10070	M10 x 70 Ø10	72,043	3	C	100	400
AH10080	M10 x 80 Ø10	82,380	13	D	100	400
AH10090	M10 x 90 Ø10	85,893	10	E	100	400
AH10100	M10 x 100 Ø10	99,040	20	E	100	400
AH10120	M10 x 120 Ø10	103,913	40	G	50	300
AH10140	M10 x 140 Ø10	129,903	60	H	50	200
AH10150	M10 x 150 Ø10	135,137	70	I	50	200
AH10160	M10 x 160 Ø10	153,887	80	J	50	200
AH10170	M10 x 170 Ø10	171,607	90	K	50	200
AH10210	M10 x 210 Ø10	207,610	130	N	50	150
AH10230	M10 x 230 Ø10	220,210	150	P	50	100
AH12090	M12 x 90 Ø12	118,123	13	E	50	200
AH12100	M12 x 100 Ø12	127,673	8	E	50	200
AH12110	M12 x 110 Ø12	132,093	18	F	50	200
AH12120	M12 x 120 Ø12	163,887	28	G	50	200
AH12130	M12 x 130 Ø12	170,863	38	H	50	200
AH12140	M12 x 140 Ø12	171,257	48	H	50	200
AH12160	M12 x 160 Ø12	201,257	68	J	50	100
AH12180	M12 x 180 Ø12	234,017	88	L	50	150
AH12200	M12 x 200 Ø12	273,287	108	M	50	100
AH12220	M12 x 220 Ø12	296,593	128	O	50	100
AH12250	M12 x 250 Ø12	362,567	158	Q	25	50
AH14120	M14 x 120 Ø14	282,843	12	G	25	100
AH14145	M14 x 145 Ø14	332,130	37	I	25	100
AH14170	M14 x 170 Ø14	354,833	62	K	25	100
AH14220	M14 x 220 Ø14	492,003	112	O	25	75
AH14250	M14 x 250 Ø14	549,567	142	Q	25	50
AH16125	M16 x 125 Ø16	290,193	3	G	25	100
AH16145	M16 x 145 Ø16	312,703	23	I	25	100
AH16170	M16 x 170 Ø16	386,700	48	K	25	50
AH16220	M16 x 220 Ø16	460,803	98	O	25	50
AH16250	M16 x 250 Ø16	597,557	128	Q	25	50
AH16280	M16 x 280 Ø16	650,490	158	S	25	50
AH20170	M20 x 170 Ø20	571,087	23	K	20	40
AH20220	M20 x 220 Ø20	711,083	73	O	20	40
AH20270	M20 x 270 Ø20	971,807	123	S	20	40

• Non-assessed sizes for Fire Resist

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSAH06060	M6 x 60 Ø6	14,133	30	6
LSAH08060	M8 x 60 Ø8	11,600	20	6
LSAH08075	M8 x 75 Ø8	10,373	16	6
LSAH08090	M8 x 90 Ø8	9,816	14	6
LSAH10070	M10 x 70 Ø10	8,571	10	5
LSAH10090	M10 x 90 Ø10	7,705	8	6
LSAH10120	M10 x 120 Ø10	7,500	6	6
LSAH12090	M12 x 90 Ø12	9,203	6	5
LSAH12110	M12 x 110 Ø12	9,608	6	5
LSAH16125	M16 x 125 Ø16	6,880	2	6

Through bolt anchor for heavy loads in uncracked concrete

MTH



SOLID



Concrete



Reinforced concrete



Stone



kg



ATLANTIS

MTH-AT **NEW**

Opt.7 ETA Assessed. ATLANTIS C4-M shaft. ATLANTIS C4-M clip

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• AHAT06060	M6 x 60 Ø6	62,030	2	B	200	1.200
• AHAT06080	M6 x 80 Ø6	70,210	22	D	200	1.200
• AHAT06100	M6 x 100 Ø6	77,650	42	E	200	800
AHAT08060	M8 x 60 Ø8	87,753	3	B	100	600
AHAT08075	M8 x 75 Ø8	96,717	5	C	100	600
AHAT08090	M8 x 90 Ø8	108,423	20	E	100	600
AHAT08115	M8 x 115 Ø8	138,480	45	G	100	400
AHAT08130	M8 x 130 Ø8	161,920	60	H	100	400
AHAT08155	M8 x 155 Ø8	240,020	85	J	100	200
AHAT10070	M10 x 70 Ø10	129,400	3	C	100	400
AHAT10080	M10 x 80 Ø10	151,417	13	D	100	400
AHAT10090	M10 x 90 Ø10	159,413	10	E	100	400
AHAT10100	M10 x 100 Ø10	185,443	20	E	100	400
AHAT10120	M10 x 120 Ø10	174,077	40	G	50	300
AHAT10140	M10 x 140 Ø10	249,327	60	H	50	200
AHAT10150	M10 x 150 Ø10	258,423	70	I	50	200
AHAT10160	M10 x 160 Ø10	264,047	80	J	50	200
AHAT10170	M10 x 170 Ø10	296,823	90	K	50	200
AHAT10210	M10 x 210 Ø10	368,457	130	N	50	150
AHAT12090	M12 x 90 Ø12	228,120	13	E	50	200
AHAT12100	M12 x 100 Ø12	249,037	8	E	50	200
AHAT12110	M12 x 110 Ø12	261,390	18	F	50	200
AHAT12130	M12 x 130 Ø12	340,967	38	H	50	200
AHAT12140	M12 x 140 Ø12	328,173	48	H	50	200
AHAT12160	M12 x 160 Ø12	363,450	68	J	50	100
AHAT12180	M12 x 180 Ø12	430,797	88	L	50	150
AHAT12200	M12 x 200 Ø12	510,933	108	M	50	100
AHAT12220	M12 x 220 Ø12	560,537	128	O	50	100
AHAT12250	M12 x 250 Ø12	681,300	158	Q	25	50
AHAT16125	M16 x 125 Ø16	564,950	3	G	25	100
AHAT16145	M16 x 145 Ø16	620,463	23	I	25	100
AHAT16170	M16 x 170 Ø16	779,107	48	K	25	50
AHAT16220	M16 x 220 Ø16	907,190	98	O	25	50
AHAT16250	M16 x 250 Ø16	1.188,173	128	Q	25	50
AHAT16280	M16 x 280 Ø16	1.307,713	158	S	25	50
AHAT20170	M20 x 170 Ø20	1.162,567	23	K	20	40
AHAT20220	M20 x 220 Ø20	1.457,943	73	O	20	40
AHAT20270	M20 x 270 Ø20	2.019,937	123	S	20	40

• Non-assessed sizes for Fire Resist



Setting tool



MTH

Through bolt anchor for heavy loads in uncracked concrete

MTH-A4

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



Also available with DIN 9021 washer. Ask for price and delivery time



Setting tool

Technical info
P. 284STAINLESS
STEEL

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	189,463	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	206,410	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	219,837	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	228,390	4	A	100	800
MIA408075	M8 x 75 Ø8	242,537	5	C	100	600
MIA408090	M8 x 90 Ø8	270,643	20	E	100	600
MIA408115	M8 x 115 Ø8	355,543	45	G	100	400
MIA410070	M10 x 70 Ø10	397,217	3	C	100	400
MIA410090	M10 x 90 Ø10	450,223	10	E	100	400
MIA410120	M10 x 120 Ø10	547,293	40	G	50	300
MIA410150	M10 x 150 Ø10	776,167	70	I	50	200
• MIA412075	M12 x 75 Ø12	594,010	5	C	50	300
MIA412090	M12 x 90 Ø12	598,210	13	D	50	200
MIA412110	M12 x 110 Ø12	654,380	18	F	50	200
MIA412140	M12 x 140 Ø12	784,697	48	I	50	200
• MIA416090	M16 x 90 Ø16	1.419,293	4	D	25	150
MIA416145	M16 x 145 Ø16	1.752,783	23	I	25	100
MIA416170	M16 x 170 Ø16	2.024,060	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.352,847	5	G	20	40
MIA420170	M20 x 170 Ø20	3.216,250	23	K	20	40
MIA420220	M20 x 220 Ø20	4.003,917	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resist



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMIA408075	M8 x 75 Ø8	32,804	10	8
VMIA410090	M10 x 90 Ø10	44,894	8	8
VMIA412110	M12 x 110 Ø12	51,364	6	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMIA408075	M8 x 75 Ø8	35,510	12	7
LSMIA410090	M10 x 90 Ø10	46,358	8	7
LSMIA412110	M12 x 110 Ø12	50,468	6	5

MTH-A2

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



Setting tool

Technical info
P. 284STAINLESS
STEEL

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MIO6045	M6 x 45 Ø6	151,313	1	A	200	1.200
• MIO6060	M6 x 60 Ø6	169,690	2	B	200	1.200
• MIO6080	M6 x 80 Ø6	177,483	22	D	200	1.200
• MIO6120	M6 x 120 Ø6	212,287	62	G	100	600
• MIO6140	M6 x 140 Ø6	268,680	82	I	100	600
• MIO6160	M6 x 160 Ø6	300,950	102	J	100	400
• MIO6170	M6 x 170 Ø6	338,007	112	K	100	400
• MIO6180	M6 x 180 Ø6	366,523	122	L	100	300
• MIO8050	M8 x 50 Ø8	183,510	4	A	100	800
MIO8075	M8 x 75 Ø8	201,007	5	C	100	600
MIO8090	M8 x 90 Ø8	228,747	20	E	100	600
MIO8115	M8 x 115 Ø8	295,897	45	G	100	400
MI10070	M10 x 70 Ø10	311,020	3	C	100	400
MI10090	M10 x 90 Ø10	348,143	10	E	100	400
MI10120	M10 x 120 Ø10	408,060	40	G	50	300
MI10150	M10 x 150 Ø10	571,310	70	I	50	200
• MI12075	M12 x 75 Ø12	471,593	5	C	50	300
MI12090	M12 x 90 Ø12	472,673	13	D	50	200
MI12110	M12 x 110 Ø12	511,580	18	F	50	200
MI12140	M12 x 140 Ø12	641,200	48	I	50	200
• MI16090	M16 x 90 Ø16	1.145,787	4	D	25	150
MI16145	M16 x 145 Ø16	1.337,527	23	I	25	100
MI16170	M16 x 170 Ø16	1.466,613	48	K	25	75
• MI20120	M20 x 120 Ø20	1.832,660	5	G	20	40
MI20170	M20 x 170 Ø20	2.277,220	23	K	20	40
MI20220	M20 x 220 Ø20	2.941,633	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resist



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZMI08075	M8 x 75 Ø8	4,146	2	12
BZMI10090	M10 x 90 Ø10	4,146	2	10



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMIO8075	M8 x 75 Ø8	29,713	10	8
VMIO8090	M8 x 90 Ø8	31,771	10	8
VMIO10070	M10 x 70 Ø10	32,829	8	8
VMIO10090	M10 x 90 Ø10	36,746	8	8
VMIO10120	M10 x 120 Ø10	32,307	6	8
VMIO12110	M12 x 110 Ø12	40,078	6	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMIO8075	M8 x 75 Ø8	29,584	12	7
LSMIO8090	M8 x 90 Ø8	33,660	12	7
LSMIO10070	M10 x 70 Ø10	36,232	10	6
LSMIO10090	M10 x 90 Ø10	36,049	8	6
LSMIO10120	M10 x 120 Ø10	38,029	8	6
LSMIO12110	M12 x 110 Ø12	39,316	6	6

Through bolt anchor for heavy loads

MTA

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info

SOLID



Concrete

Reinforced
concrete

Stone

kg

Z
ZINC

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
AM06045	M6 x 45 Ø6	32,557	1	200	1.200
AM06055	M6 x 55 Ø6	35,337	11	200	1.200
AM06060	M6 x 60 Ø6	35,013	2	200	1.200
AM06065	M6 x 65 Ø6	35,440	7	200	1.200
AM06070	M6 x 70 Ø6	36,353	12	200	1.200
AM06080	M6 x 80 Ø6	38,073	22	200	1.200
AM06085	M6 x 85 Ø6	39,697	27	200	1.200
AM06090	M6 x 90 Ø6	40,157	32	200	1.200
AM06100	M6 x 100 Ø6	41,843	42	200	800
AM06110	M6 x 110 Ø6	45,650	52	200	800
AM06120	M6 x 120 Ø6	48,167	62	100	600
AM06130	M6 x 130 Ø6	48,340	72	100	600
AM06140	M6 x 140 Ø6	60,050	82	100	600
AM06150	M6 x 150 Ø6	68,657	92	100	600
AM06160	M6 x 160 Ø6	73,320	102	100	400
AM06170	M6 x 170 Ø6	92,057	112	100	400
AM06180	M6 x 180 Ø6	97,517	122	100	300
AM08050	M8 x 50 Ø8	41,057	4	100	800
AM08060	M8 x 60 Ø8	41,920	3	100	800
AM08065	M8 x 65 Ø8	44,120	8	100	600
AM08075	M8 x 75 Ø8	44,967	5	100	600
AM08090	M8 x 90 Ø8	48,923	20	100	600
AM08115	M8 x 115 Ø8	59,273	45	100	400
AM08120	M8 x 120 Ø8	60,407	50	100	400
AM08130	M8 x 130 Ø8	69,507	60	100	400
AM08155	M8 x 155 Ø8	120,317	85	100	200
AM10065	M10 x 65 Ø10	63,437	1	100	400
AM10070	M10 x 70 Ø10	59,690	3	100	400
AM10080	M10 x 80 Ø10	63,703	13	100	400
AM10090	M10 x 90 Ø10	66,493	10	100	400
AM10100	M10 x 100 Ø10	73,440	20	100	400
AM10120	M10 x 120 Ø10	79,757	40	50	300
AM10140	M10 x 140 Ø10	90,520	60	50	200
AM10150	M10 x 150 Ø10	101,833	70	50	200
AM10160	M10 x 160 Ø10	127,147	80	50	200

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE		
AM10170	M10 x 170 Ø10	132,983	90	50	200
AM10210	M10 x 210 Ø10	184,260	130	50	150
AM10230	M10 x 230 Ø10	208,860	150	50	100
AM12075	M12 x 75 Ø12	91,090	5	50	300
AM12080	M12 x 80 Ø12	94,737	3	50	300
AM12090	M12 x 90 Ø12	97,900	13	50	200
AM12100	M12 x 100 Ø12	101,097	8	50	200
AM12110	M12 x 110 Ø12	102,213	18	50	200
AM12120	M12 x 120 Ø12	121,883	28	50	200
AM12140	M12 x 140 Ø12	136,133	48	50	200
AM12160	M12 x 160 Ø12	155,810	68	50	100
AM12180	M12 x 180 Ø12	180,977	88	50	150
AM12220	M12 x 220 Ø12	237,433	128	50	100
AM12250	M12 x 250 Ø12	294,320	158	25	50
AM14080	M14 x 80 Ø14	177,997	5	50	200
AM14100	M14 x 100 Ø14	204,317	5	50	100
AM14120	M14 x 120 Ø14	229,143	12	25	100
AM14145	M14 x 145 Ø14	279,293	37	25	100
AM14170	M14 x 170 Ø14	303,820	62	25	100
AM14220	M14 x 220 Ø14	405,090	112	25	75
AM14250	M14 x 250 Ø14	444,447	142	25	50
AM16090	M16 x 90 Ø16	217,120	4	25	150
AM16110	M16 x 110 Ø16	219,487	7	25	100
AM16125	M16 x 125 Ø16	224,667	3	25	100
AM16145	M16 x 145 Ø16	240,893	23	25	100
AM16170	M16 x 170 Ø16	300,913	48	25	50
AM16220	M16 x 220 Ø16	365,073	98	25	50
AM16250	M16 x 250 Ø16	487,367	128	25	50
AM16280	M16 x 280 Ø16	530,513	158	25	50
AM20120	M20 x 120 Ø20	369,933	5	20	40
AM20170	M20 x 170 Ø20	443,597	23	20	40
AM20220	M20 x 220 Ø20	563,573	73	20	40
AM20270	M20 x 270 Ø20	754,850	123	20	40
AM24180	M24 x 180 Ø24	1.258,920	10	10	20
AM24260	M24 x 260 Ø24	1.594,520	80	10	20



Also available with DIN 9021
washer. Ask for price and delivery
time



Setting tool

Blister

CODE	SIZE	€/BAG	PCS BAG	BAGS
BZAM06060	M6 x 60 Ø6	3,071	2	20
BZAM06080	M6 x 80 Ø6	3,071	2	20
BZAM08050	M8 x 50 Ø8	3,071	2	15
BZAM08075	M8 x 75 Ø8	3,071	2	15
BZAM08090	M8 x 90 Ø8	3,071	2	15
BZAM10070	M10 x 70 Ø10	3,071	2	12
BZAM10090	M10 x 90 Ø10	3,071	2	12
BZAM10120	M10 x 120 Ø10	3,071	2	12
BZAM12090	M12 x 90 Ø12	3,071	2	10
BZAM12110	M12 x 110 Ø12	3,071	2	10
BZAM12140	M12 x 140 Ø12	3,071	2	10

Window box

CODE	SIZE	€/BOX	PCS BOX	BOXES
VAM06060	M6 x 60 Ø6	9,094	20	8
VAM08075	M8 x 75 Ø8	7,607	12	8
VAM08090	M8 x 90 Ø8	8,085	12	8
VAM10070	M10 x 70 Ø10	5,102	6	8
VAM10090	M10 x 90 Ø10	5,653	6	8
VAM10120	M10 x 120 Ø10	6,719	6	8
VAM12090	M12 x 90 Ø12	8,246	6	8
VAM12110	M12 x 110 Ø12	8,617	6	8

TH/TF

Concrete screw anchor

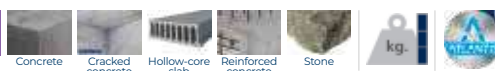
THE

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



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SOLID



CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THE05040	-	Ø5 x 40	46,067	8	5	100	2.400
THE05050	-	Ø5 x 50	53,427	8	5	100	1.600
THE05060	-	Ø5 x 60	57,060	8	15	100	1.600
THE05080	-	Ø5 x 80	74,843	8	35	50	800
THE05100	-	Ø5 x 100	87,010	8	55	50	800
THE06040	-	Ø6 x 40	59,547	10	5	100	1.600
THE06050	C1	Ø6 x 50	63,167	10	15	100	1.200
THE06060	C1	Ø6 x 60	70,337	10	5	100	1.200
THE06070	C1	Ø6 x 70	77,953	10	15	50	600
THE06080	C1	Ø6 x 80	87,653	10	25	50	800
THE06100	C1	Ø6 x 100	110,160	10	45	25	400
THE06120	C1	Ø6 x 120	125,583	10	65	25	400
THE08055	C1 & C2	Ø8 x 55	117,673	13	5	50	600
THE08060	C1 & C2	Ø8 x 60	120,010	13	10	50	600
THE08070	C1 & C2	Ø8 x 70	132,390	13	5	50	200
THE08080	C1 & C2	Ø8 x 80	148,280	13	15	25	400
THE08090	C1 & C2	Ø8 x 90	160,057	13	25	25	400
THE08100	C1 & C2	Ø8 x 100	168,943	13	35	25	400
THE08110	C1 & C2	Ø8 x 110	176,567	13	45	25	400
THE08120	C1 & C2	Ø8 x 120	242,560	13	55	25	400
THE08140	C1 & C2	Ø8 x 140	249,630	13	75	25	300
THE10060	-	Ø10 x 60	222,307	15	5	50	200
THE10070	-	Ø10 x 70	241,273	15	15	50	200
THE10080	-	Ø10 x 80	259,587	15	25	50	300
THE10090	C1 & C2	Ø10 x 90	268,667	15	5	25	300
THE10100	C1 & C2	Ø10 x 100	277,257	15	15	25	300
THE10120	C1 & C2	Ø10 x 120	318,643	15	35	25	200
THE10140	C1 & C2	Ø10 x 140	353,493	15	55	25	100
THE12080	C1 & C2	Ø12 x 80	334,837	18	5	25	100
THE12090	-	Ø12 x 90	357,740	18	15	25	100
THE12110	C1 & C2	Ø12 x 110	408,707	18	5	25	100
THE12130	C1 & C2	Ø12 x 130	469,943	18	25	25	150
THE12150	C1 & C2	Ø12 x 150	520,620	18	45	25	100
THE14080	-	Ø14 x 80	513,083	21	5	25	150
THE14100	-	Ø14 x 100	609,290	21	25	25	150
THE14120	C1 & C2	Ø14 x 120	710,027	21	5	25	100
THE14130	C1 & C2	Ø14 x 130	805,510	21	15	25	100
THE14140	C1 & C2	Ø14 x 140	867,473	21	25	25	100
THE14160	C1 & C2	Ø14 x 160	943,767	21	45	25	50
THE16100	NEW	Ø16 x 100	826,687	-	20	25	100
THE16150	NEW	Ø16 x 150	1.150,703	-	30	25	75
THE18100	C1 & C2	Ø18 x 100	1.022,780	24	10	20	80
THE18130	C1 & C2	Ø18 x 130	1.193,700	24	40	20	40
THE18160	C1 & C2	Ø18 x 160	1.391,507	24	20	15	30
THE18180	C1 & C2	Ø18 x 180	1.505,443	24	40	15	30
THE18200	C1 & C2	Ø18 x 200	1.651,080	24	60	10	20

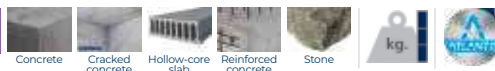
THA

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



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SOLID



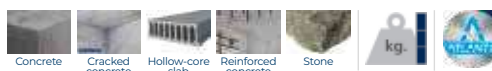
CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THA05040	-	Ø5 x 40	54,380	TX25	5	100	2.400
THA05060	-	Ø5 x 60	64,053	TX25	15	100	1.200
THA05080	-	Ø5 x 80	81,180	TX25	35	50	800
THA05100	-	Ø5 x 100	91,513	TX25	55	50	800
THA06045	C1	Ø6 x 45	75,860	TX30	10	100	1.600
THA06050	C1	Ø6 x 50	79,100	TX30	15	100	1.200
THA06060	C1	Ø6 x 60	93,003	TX30	5	100	1.200
THA06080	C1	Ø6 x 80	112,020	TX30	25	100	600
THA06120	C1	Ø6 x 120	125,833	TX30	65	100	400
THA06140	C1	Ø6 x 140	161,323	TX30	85	100	600
THA08060	-	Ø8 x 60	153,210	TX45	10	50	200
THA08080	-	Ø8 x 80	186,177	TX45	15	25	400
THA08100	C1 & C2	Ø8 x 100	223,920	TX45	35	25	400
THA08120	C1 & C2	Ø8 x 120	251,283	TX45	55	25	400
THA10100	C1 & C2	Ø10 x 100	339,207	TX50	15	25	300
THA10120	C1 & C2	Ø10 x 120	393,763	TX50	35	25	200

Concrete screw anchor

TH/TF

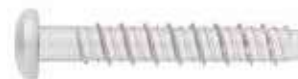
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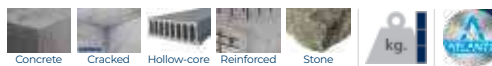


CODE	SEISMIC/ASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THP05040	-	Ø5 x 40	53,580	TX30	5	100	2.400
THP05060	-	Ø5 x 60	61,640	TX30	15	100	1.200
THP06040	-	Ø6 x 40	64,423	TX40	5	100	1.200
THP06050	C1	Ø6 x 50	75,967	TX40	15	100	1.200
THP06060	C1	Ø6 x 60	86,600	TX40	5	100	1.200
THP06080	C1	Ø6 x 80	107,390	TX40	25	50	600
THP06100	C1	Ø6 x 100	127,520	TX40	45	50	200
THP08060	-	Ø8 x 60	152,170	TX45	10	25	400
THP08080	-	Ø8 x 80	176,803	TX45	15	25	300

THP

Pan head. ATLANTIS C3-H coating.
Opt.1 ETA Assessed02
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CODE	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
THT06040	Ø6 x 40	83,800	TX30	5	100	1.600
THT06050	Ø6 x 50	99,760	TX30	15	100	1.200
THT06060	Ø6 x 60	113,727	TX30	5	100	400

THT

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

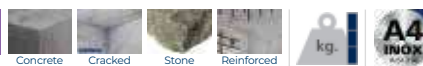
SOLID



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE	
TXA08060	Ø8 x 60	311,527	TX45	10	50
TXA08080	Ø8 x 80	382,493	TX45	15	25
TXA08120	Ø8 x 120	480,787	TX45	55	25
TXA10070	Ø10 x 70	422,877	TX50	15	50
TXA10090	Ø10 x 90	546,283	TX50	5	25
TXA10120	Ø10 x 120	665,940	TX50	35	25

TXA **NEW**Countersunk head with Bimetal point.
Stainless steel A4. Opt.1 ETA Assessed02
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SOLID



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE	
TXE06040	Ø6 x 40	224,867	10	5	100
TXE06060	Ø6 x 60	251,333	10	5	100
TXE08070	Ø8 x 70	362,343	13	5	50
TXE08080	Ø8 x 80	400,020	13	15	25
TXE08090	Ø8 x 90	450,023	13	25	25
TXE08105	Ø8 x 105	525,027	13	40	25
TXE10070	Ø10 x 70	441,697	15	15	50
TXE10090	Ø10 x 90	567,897	15	5	25
TXE10100	Ø10 x 100	609,187	15	15	25
TXE10120	Ø10 x 120	693,627	15	35	25
TXE12080	Ø12 x 80	659,273	18	5	25
TXE12110	Ø12 x 110	906,500	18	5	25

TXE **NEW**Concrete screw hexagonal with
Bimetal point. Stainless steel A4

TH/TF

Concrete screw anchor

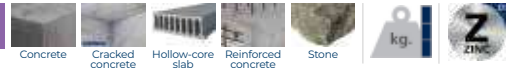
TFE

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



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CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
TFE05040	-	Ø5 x 40	41,217	8	5	100	2.400
TFE05050	-	Ø5 x 50	47,807	8	5	100	1.600
TFE05060	-	Ø5 x 60	51,060	8	15	100	1.600
TFE05080	-	Ø5 x 80	66,970	8	35	50	800
TFE05100	-	Ø5 x 100	77,853	8	55	50	800
TFE06040	-	Ø6 x 40	52,310	10	5	100	1.600
TFE06050	C1	Ø6 x 50	56,517	10	15	100	1.200
TFE06060	C1	Ø6 x 60	62,937	10	5	100	1.200
TFE06070	C1	Ø6 x 70	69,757	10	15	50	600
TFE06080	C1	Ø6 x 80	78,427	10	25	50	800
TFE06100	C1	Ø6 x 100	98,573	10	45	25	400
TFE06120	C1	Ø6 x 120	112,370	10	65	25	400
TFE08055	C1 & C2	Ø8 x 55	100,723	13	5	50	600
TFE08060	C1 & C2	Ø8 x 60	102,727	13	10	50	600
TFE08070	C1 & C2	Ø8 x 70	113,320	13	5	50	200
TFE08080	C1 & C2	Ø8 x 80	126,913	13	15	25	400
TFE08090	C1 & C2	Ø8 x 90	136,993	13	25	25	400
TFE08100	C1 & C2	Ø8 x 100	144,603	13	35	25	400
TFE08110	C1 & C2	Ø8 x 110	151,120	13	45	25	400
TFE08120	C1 & C2	Ø8 x 120	207,610	13	55	25	400
TFE08140	C1 & C2	Ø8 x 140	213,663	13	75	25	300
TFE10060	-	Ø10 x 60	181,627	15	5	50	200
TFE10070	-	Ø10 x 70	197,127	15	15	50	200
TFE10080	-	Ø10 x 80	212,087	15	25	50	300
TFE10090	C1 & C2	Ø10 x 90	219,513	15	5	25	300
TFE10100	C1 & C2	Ø10 x 100	226,520	15	15	25	300
TFE10120	C1 & C2	Ø10 x 120	260,340	15	35	25	200
TFE10140	C1 & C2	Ø10 x 140	288,810	15	55	25	100
TFE12080	-	Ø12 x 80	260,537	18	5	25	100
TFE12090	-	Ø12 x 90	278,363	18	15	25	100
TFE12110	C1 & C2	Ø12 x 110	318,013	18	5	25	100
TFE12130	C1 & C2	Ø12 x 130	365,667	18	25	25	150
TFE12150	C1 & C2	Ø12 x 150	405,100	18	45	25	100
TFE14080	-	Ø14 x 80	374,283	21	5	25	150
TFE14100	-	Ø14 x 100	444,460	21	25	25	150
TFE14120	C1 & C2	Ø14 x 120	517,943	21	5	25	100
TFE14130	C1 & C2	Ø14 x 130	587,600	21	15	25	100
TFE14140	C1 & C2	Ø14 x 140	632,803	21	25	25	100
TFE14160	C1 & C2	Ø14 x 160	688,450	21	45	25	50
TFE16100	NEW	-	Ø16 x 100	648,690	-	20	100
TFE16150	NEW	-	Ø16 x 150	895,793	-	30	75
TFE18100	C1 & C2	Ø18 x 100	746,090	24	10	20	80
TFE18130	C1 & C2	Ø18 x 130	870,773	24	40	20	40
TFE18160	C1 & C2	Ø18 x 160	1.015,070	24	20	15	30
TFE18180	C1 & C2	Ø18 x 180	1.098,183	24	40	15	30
TFE18200	C1 & C2	Ø18 x 200	1.204,420	24	60	10	20

TFN

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



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SOLID



CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH	€/100		THICKNESS MAX. FIXTURE		
TFN14080	C1	Ø14 x 80	538,737	24	5	25	150

CH

Anti-spin sleeve anchor, for medium loads

CH-TO

Hexagonal head screw 6.8. Opt.7 ETA Assessed


Technical
info

SOLID



CODE	SIZE	€/100		
ACHT08C	M6 x 45 Ø8	29,813	200	1.200
ACHT08L	M6 x 60 Ø8	34,543	200	800
• ACHT09C	M6 x 45 Ø9	35,447	200	800
• ACHT09L	M6 x 60 Ø9	40,123	200	800
ACHT10C	M8 x 60 Ø10	47,580	100	600
ACHT10L	M8 x 80 Ø10	55,780	100	400
• ACHT11C	M8 x 60 Ø11	56,410	100	400
• ACHT11L	M8 x 80 Ø11	67,940	100	400
ACHT12C	M10 x 70 Ø12	77,563	100	200
ACHT12L	M10 x 100 Ø12	95,847	50	200
• ACHT14C	M10 x 70 Ø14	97,743	100	200
• ACHT14L	M10 x 100 Ø14	118,810	50	200
ACHT16C	M12 x 80 Ø16	150,380	50	200
ACHT16L	M12 x 110 Ø16	182,463	50	100
ACHT20C	M16 x 110 Ø20	328,803	25	50
• ACHT25C	M20 x 130 Ø25	939,167	15	45

• Non-assessed sizes



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZACHT08C	M6 x 45 Ø8	3,071	2	15
BZACHT08L	M6 x 60 Ø8	3,071	2	15
BZACHT10C	M8 x 60 Ø10	3,071	2	15
BZACHT10L	M8 x 80 Ø10	3,071	2	15
BZACHT12C	M10 x 70 Ø12	3,071	2	10
BZACHT12L	M10 x 100 Ø12	3,071	2	10



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VACHT08C	M6 x 45 Ø8	5,957	15	8
VACHT08L	M6 x 60 Ø8	6,710	15	8
VACHT10C	M8 x 60 Ø10	6,311	10	8
VACHT10L	M8 x 80 Ø10	7,398	10	8
VACHT12C	M10 x 70 Ø12	7,973	8	8
VACHT12L	M10 x 100 Ø12	7,578	6	8
VACHT16C	M12 x 80 Ø16	7,667	4	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSACHT08C	M6 x 45 Ø8	9,179	24	6
LSACHT08L	M6 x 60 Ø8	7,230	16	6
LSACHT10C	M8 x 60 Ø10	5,394	8	6
LSACHT10L	M8 x 80 Ø10	5,936	8	6
LSACHT12C	M10 x 70 Ø12	7,821	8	6
LSACHT12L	M10 x 100 Ø12	9,082	8	6
LSACHT16C	M12 x 80 Ø16	7,560	4	5

CH-A2

A2 Stainless steel. Opt.7 ETA Assessed


Technical
info

STAINLESS
STEEL


CODE	SIZE	€/100		
ACHTA208C	M6 x 45 Ø8	108,443	100	1.200
ACHTA208L	M6 x 60 Ø8	122,510	100	600
• ACHTA209C	M6 x 45 Ø9	122,717	100	1.200
• ACHTA209L	M6 x 60 Ø9	141,740	100	600
ACHTA210C	M8 x 60 Ø10	175,700	100	600
ACHTA210L	M8 x 80 Ø10	202,117	100	400
• ACHTA211C	M8 x 60 Ø11	211,377	100	400
• ACHTA211L	M8 x 80 Ø11	248,997	100	400
ACHTA212C	M10 x 70 Ø12	296,393	100	200
ACHTA212L	M10 x 100 Ø12	362,480	50	200
• ACHTA214C	M10 x 70 Ø14	394,277	100	300
• ACHTA214L	M10 x 100 Ø14	439,770	50	200
ACHTA216C	M12 x 80 Ø16	584,443	50	100
ACHTA216L	M12 x 110 Ø16	739,557	50	100
ACHTA220C	M16 x 110 Ø20	1.518,350	25	75

• Non-assessed sizes



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZACHTA208C	M6 x 45 Ø8	4,146	2	15
BZACHTA208L	M6 x 60 Ø8	4,146	2	15
BZACHTA210C	M8 x 60 Ø10	4,146	2	15
BZACHTA210L	M8 x 80 Ø10	4,146	2	15



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VACHTA208C	M6 x 45 Ø8	12,875	10	8
VACHTA208L	M6 x 60 Ø8	14,969	10	8
VACHTA210C	M8 x 60 Ø10	13,407	6	8
VACHTA210L	M8 x 80 Ø10	15,963	6	8
VACHTA212C	M10 x 70 Ø12	15,045	4	8
VACHTA212L	M10 x 100 Ø12	18,570	4	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSACHTA208C	M6 x 45 Ø8	13,643	12	6
LSACHTA208L	M6 x 60 Ø8	15,860	12	6
LSACHTA210C	M8 x 60 Ø10	15,781	8	6
LSACHTA210L	M8 x 80 Ø10	18,790	8	6
LSACHTA212C	M10 x 70 Ø12	19,927	6	6
LSACHTA212L	M10 x 100 Ø12	18,215	4	5

Anti-spin sleeve anchor, for medium loads

CH

02
P. 289
Technical
info

SOLID



CODE	SIZE	€/100	APERTURE HOOK		
ACHG08C	M6 x 45 Ø8	50,543	10	100	600
ACHG09C	M6 x 45 Ø9	52,907	10	100	600
ACHG10C	M8 x 60 Ø10	84,053	13	100	400
ACHG11C	M8 x 60 Ø11	92,560	13	100	400
ACHG12C	M10 x 70 Ø12	135,997	14	50	200
ACHG14C	M10 x 70 Ø14	155,840	14	50	200
ACHG16C	M12 x 80 Ø16	246,957	22	25	100

02
P. 289
Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZACHG08C	M6 x 45 Ø8	3,071	2	15
BZACHG10C	M8 x 60 Ø10	3,071	2	15
BZACHG12C	M10 x 70 Ø12	3,071	2	10

02
P. 289
Window box

CODE	SIZE	€/BOX	PCS	BOXES
VACHG08C	M6 x 45 Ø8	6,327	10	8
VACHG10C	M8 x 60 Ø10	6,422	6	8

02
P. 289
Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSACHG08C	M6 x 45 Ø8	7,274	12	6
LSACHG10C	M8 x 60 Ø10	6,299	6	6

CH-GA

Hook bolt

02
P. 289
Technical
info

SOLID



CODE	SIZE	€/100	EYE BOLT Ø		
ACHA08C	M6 x 45 Ø8	51,647	10	100	600
ACHA09C	M6 x 45 Ø9	54,060	10	100	600
ACHA10C	M8 x 60 Ø10	85,883	13	100	400
ACHA11C	M8 x 60 Ø11	94,577	13	100	200
ACHA12C	M10 x 70 Ø12	138,957	14	50	200
ACHA14C	M10 x 70 Ø14	159,227	14	50	200
ACHA16C	M12 x 80 Ø16	252,327	22	25	100

02
P. 289
Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZACHA08C	M6 x 45 Ø8	3,071	2	15
BZACHA10C	M8 x 60 Ø10	3,071	2	15
BZACHA12C	M10 x 70 Ø12	3,071	2	10

02
P. 289
Window box

CODE	SIZE	€/BOX	PCS	BOXES
VACHA08C	M6 x 45 Ø8	6,441	10	8
VACHA10C	M8 x 60 Ø10	6,422	6	8

02
P. 289
Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSACHA08C	M6 x 45 Ø8	8,613	14	6
LSACHA10C	M8 x 60 Ø10	6,299	6	6

CH-AR

Eye bolt

02
P. 289
Technical
info

SOLID



CODE	SIZE	€/100			
ACHTPL08C	M6 x 45 Ø8	54,787	4	100	1.600
ACHTPL08L	M6 x 60 Ø8	80,350	4	100	1.200
ACHTPL10C	M8 x 60 Ø10	90,033	5	100	400
ACHTPL10L	M8 x 80 Ø10	121,373	5	100	600
ACHTPL12C	M10 x 70 Ø12	159,410	6	50	400
ACHTPL12L	M10 x 100 Ø12	273,323	6	50	300

CH-PL

Flat head screw. Opt:7 ETA Assessed



CH

Anti-spin sleeve anchor, for medium loads

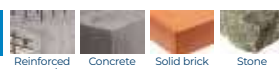
CH-PI

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



02 Technical
info
P. 289

STAINLESS
STEEL



CODE	SIZE	€/100			
ACHTPI08C	M6 x 45 Ø8	112,810	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	144,447	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	212,813	5	100	600
ACHTPI10L	M8 x 80 Ø10	251,930	5	100	400
ACHTPI12C	M10 x 70 Ø12	336,513	6	50	300
ACHTPI12L	M10 x 100 Ø12	397,293	6	50	300

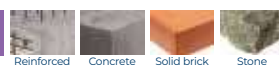
CH-INB

Zinc-plated tamperproof head. Opt.7
ETA Assessed



02 Technical
info
P. 289

SOLID



CODE	SIZE	€/100			
ACHINB08C	M6 x 45 Ø8	52,597	TX40	100	1.200
ACHINB08L	M6 x 60 Ø8	60,280	TX40	100	800
ACHINB10C	M8 x 60 Ø10	74,590	TX40	100	600
ACHINB10L	M8 x 80 Ø10	87,980	TX40	100	400

Blister

CODE	SIZE	€/BAG	PCS B	BAGS
BZACHINB08C	M6 x 45 Ø8	3,071	2	15
BZACHINB10C	M8 x 60 Ø10	3,071	2	15

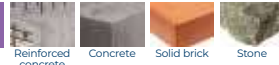
CH-INN

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



02 Technical
info
P. 289

SOLID



CODE	SIZE	€/100			
ACHINN08C	M6 x 45 Ø8	64,097	TX40	100	1.200
ACHINN08L	M6 x 60 Ø8	71,813	TX40	100	800
ACHINN10C	M8 x 60 Ø10	86,273	TX40	100	600
ACHINN10L	M8 x 80 Ø10	103,617	TX40	100	400



RIGGING HARDWARE

D

SJ

Wire rope clip DIN 741

SJ-Z

Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
SJZ0403	M4	M4(Ø3)	24,793	200	2.400
SJZ0505	M5	M5(Ø5)	28,653	200	1.200
SJZ0506	M5	M5(Ø6 - 6,5)	35,897	100	1.200
SJZ0608	M6	M6(Ø8)	51,640	100	600
SJZ0810	M8	M8(Ø10)	69,190	100	400
SJZ0811	M8	M8(Ø11)	88,240	100	400
SJZ1013	M10	M10(Ø13)	127,120	50	150
SJZ1014	M10	M10(Ø14)	139,403	50	200
SJZ1216	M12	M12(Ø16)	207,100	50	100
SJZ1220	M12	M12(Ø20)	262,987	25	75
SJZ1422	M14	M14(Ø22)	351,513	15	45
SJZ1426	M14	M14(Ø26)	471,583	15	45
SJZ1630	M16	M16(Ø30)	866,340	10	30
SJZ1634	M16	M16(Ø34)	1.017,707	10	20
SJZ1640	M16	M16(Ø40)	1.267,863	5	15
SJZ1845	NEW M18	M18(Ø45)	2.798,463	5	-
SJZ2050	NEW M20	M20(Ø50)	3.191,740	5	-

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZSJZ0403	M4(Ø3)	4,146	4	20
BZSJZ0505	M5(Ø5)	4,146	2	20
BZSJZ0506	M5(Ø6 - 6,5)	4,146	2	20
BZSJZ0608	M6(Ø8)	4,146	2	20

NEW SJ-A4

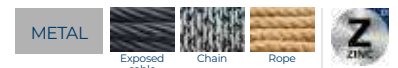
A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
SJA42103	M4	M4(Ø3)	195,100	50	1.200
SJA42305	M5	M5(Ø5)	257,000	40	960
SJA42606	M5	M5(Ø6)	280,800	20	900
SJA43008	M6	M6(Ø8)	295,100	20	480
SJA43410	M8	M8(Ø10)	523,500	10	240
SJA43611	M8	M8(Ø11)	761,500	10	240
SJA44414	M10	M10(Ø14)	894,800	5	225
SJA45016	M12	M12(Ø16)	1.423,000	5	120
SJA45418	M12	M12(Ø18)	2.141,700	5	80
SJA46122	M14	M14(Ø22)	3.036,500	1	45
SJA46525	M14	M14(Ø25)	3.402,900	1	24

NEW SJ-O

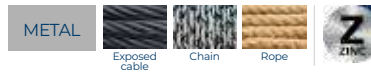
Oval cable clip. Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
SJ00502	M5	M5(Ø2)	89,613	100	1.200
SJ00503	M5	M5(Ø3)	93,880	100	1.200
SJ00604	M6	M6(Ø4)	168,557	100	600
SJ00605	M6	M6(Ø5)	183,490	100	600
SJ00606	M6	M6(Ø6)	199,280	25	600

Flat cable clip

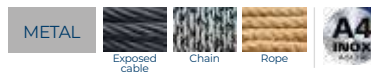
SJ-P



CODE	METRIC	Ø CABLE	€/100		
SJPS0402	M4	M4(Ø2)	22,190	100	4.500
SJPS0403	M4	M4(Ø3)	22,617	100	2.400
SJPS0504	M5	M5(Ø4)	29,870	100	2.400
SJPS0605	M6	M6(Ø5)	42,673	100	1.200
SJPS0606	M6	M6(Ø6)	59,743	50	600

SJ-PS NEW

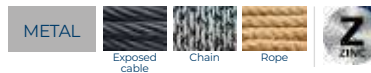
Single. Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
SJPSA40403	M4	M4(Ø3)	99,947	30	1.350
SJPSA40504	M5	M5(Ø4)	147,540	30	1.350
SJPSA40605	M6	M6(Ø5)	204,650	20	900
SJPSA40606	M6	M6(Ø6)	347,430	10	450

SJ-PS A4 NEW

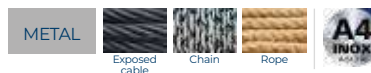
Single. A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
SJPD0402	M4	M4(Ø2)	33,070	100	2.400
SJPD0403	M4	M4(Ø3)	40,113	100	1.200
SJPD0504	M5	M5(Ø4)	50,993	100	1.200
SJPD0605	M5	M5(Ø5)	70,410	50	600
SJPD0606	M6	M6(Ø6)	108,813	50	300
SJPD0808	M8	M8(Ø8)	185,627	25	150

SJ-PD NEW

Double. Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
SJPDA40403	M4	M4(Ø3)	166,577	30	720
SJPDA40504	M5	M5(Ø4)	271,283	30	720
SJPDA40605	M5	M5(Ø5)	337,913	20	480
SJPDA40606	M6	M6(Ø6)	585,397	10	240

SJ-PD A4 NEW

Double. A4 Stainless steel



TS-GA

Turnbuckle hook/ring DIN-1480

TS-GA

Zinc-plated



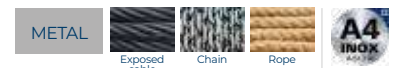
CODE	METRIC	Ø CABLE	€/100		
TSGA06	M6	M6(Ø10)	246,763	50	200
TSGA08	M8	M8(Ø11)	329,437	25	100
TSGA10	M10	M10(Ø14)	470,610	25	75
TSGA12	M12	M12(Ø17)	708,053	10	20
TSGA14	M14	M14(Ø18)	998,627	10	20
TSGA16	M16	M16(Ø23)	1.402,513	10	20
TSGA20	M20	M20(Ø25)	2.536,527	5	-
TSGA22	M22	M22(Ø30)	3.502,840	1	-
TSGA24	M24	M24(Ø34)	4.355,847	1	-
TSGA30	M30	M30(Ø38)	8.736,030	1	-
TSGA36	M36	M36(Ø48)	26.688,690	1	-
TSGA05	NEW M5	M5(Ø8)	176,257	50	300

Blister

CODE	SIZE	€/BAG	PCS BAG	BAGS
BZTSGA06	M6(Ø10)	4,146	1	20

NEW TS-GA A4

A4 Stainless steel



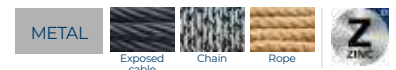
CODE	METRIC	Ø CABLE	€/100		
TSGAA405	M5	M5(Ø8)	483,740	10	240
TSGAA406	M6	M6(Ø10)	678,207	10	120
TSGAA410	M10	M10(Ø14)	1.763,297	5	30
TSGAA412	M12	M12(Ø17)	3.323,197	5	30

TS-AA

Turnbuckle ring/ring DIN-1480

NEW TS-AA

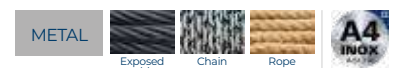
Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
TSAA05	M5	M5(Ø8)	176,257	50	300
TSAA06	M6	M6(Ø10)	256,577	50	200
TSAA08	M8	M8(Ø11)	331,860	25	100
TSAA10	M10	M10(Ø14)	480,503	25	75
TSAA12	M12	M12(Ø17)	713,263	10	30
TSAA14	M14	M14(Ø18)	937,480	10	20
TSAA16	M16	M16(Ø23)	1.412,457	10	20
TSAA20	M20	M20(Ø25)	2.426,083	5	10
TSAA22	M22	M22(Ø30)	3.387,467	1	-
TSAA24	M24	M24(Ø34)	4.505,373	1	-
TSAA30	M30	M30(Ø39)	8.096,277	1	-
TSAA36	M36	M36(Ø49)	24.734,237	1	-

NEW TS-AA A4

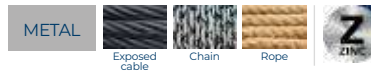
A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
TSAAA410	M10	M10(Ø14)	1.856,100	5	20
TSAAA412	M12	M12(Ø17)	3.498,100	5	20
TSAAA405	M5	M5(Ø8)	509,200	10	240
TSAAA406	M6	M6(Ø10)	713,900	10	120
TSAAA408	M8	M8(Ø11)	1.251,700	10	60

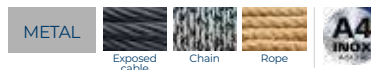
Turnbuckle hook/hook DIN-1480

TS-GG

TS-GG NEW

Zinc-plated

CODE	METRIC	Ø CABLE	€/100		
TSGG05	M5	M5(Ø7)	176,227	50	300
TSGG06	M6	M6(Ø8)	256,597	50	200
TSGG08	M8	M8(Ø9.5)	331,837	25	75
TSGG10	M10	M10(Ø12)	480,510	25	75
TSGG12	M12	M12(Ø15)	713,260	10	20
TSGG14	M14	M14(Ø17)	937,460	10	20
TSGG16	M16	M16(Ø19)	1.412,460	10	20
TSGG20	M20	M20(Ø20)	2.426,110	5	-
TSGG22	M22	M22(Ø23)	3.387,510	1	-
TSGG24	M24	M24(Ø25)	4.505,377	1	-
TSGG30	M30	M30(Ø31)	8.096,280	1	-
TSGG36	M36	M36(Ø44)	24.734,200	1	-

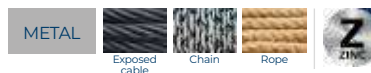
TS-GG A4 NEW

A4 Stainless steel

CODE	METRIC	Ø CABLE	€/100		
TSGGA405	M5	M5(Ø7)	509,200	10	240
TSGGA406	M6	M6(Ø8)	713,900	10	120
TSGGA408	M8	M8(Ø9.5)	1.251,700	10	-
TSGGA410	M10	M10(Ø12)	1.856,100	5	20
TSGGA412	M12	M12(Ø15)	3.498,100	5	15



Welding rod turnbuckle

TS-VS NEW

CODE	METRIC	Ø CABLE	€/100		
TSVS06	M6	M6(Ø9)	246,717	50	100
TSVS08	M8	M8(Ø11)	299,630	25	50
TSVS10	M10	M10(Ø13)	458,280	25	50
TSVS12	M12	M12(Ø16)	638,970	25	50
TSVS14	M12	M12(Ø20)	885,687	10	20
TSVS16	M16	M16(Ø24)	1.313,090	10	-
TSVS20	M20	M20(Ø17)	2.256,060	1	-
TSVS22	M22	M22(Ø26)	2.969,890	1	-
TSVS24	M24	M24(Ø28)	4.124,427	1	-
TSVS30	M30	M30(Ø34)	6.389,320	1	-
TSVS36	M36	M36(Ø39)	13.659,860	1	-



EV-H

Ring nut D-582

EV-H

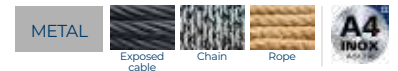
Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
EVH06	M6	M6(Ø20)	173,767	100	400
EVH08	M8	M8(Ø20)	182,653	100	400
EVH10	M10	M10(Ø25)	259,000	100	200
EVH12	M12	M12(Ø30)	319,853	100	-
EVH14	M14	M14(Ø35)	426,077	50	150
EVH16	M16	M16(Ø35)	484,820	50	100
EVH18	M18	M18(Ø40)	649,273	50	-
EVH20	M20	M20(Ø40)	679,747	50	-
EVH22	M22	M22(Ø45)	1.073,827	25	50
EVH24	M24	M24(Ø50)	1.339,260	25	-
EVH30	M30	M30(Ø60)	2.986,607	10	20
EVH36	M36	M36(Ø70)	4.894,393	1	-
EVH27 NEW	M28	M28(Ø53)	2.560,360	10	-
EVH42 NEW	M42	M42(Ø80)	6.400,900	1	-
EVH48 NEW	M48	M48(Ø90)	9.814,713	1	-

NEW EV-H A4

A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
EVHA406	M6	M6(Ø15)	209,410	10	450
EVHA408	M8	M8(Ø20)	337,913	10	450
EVHA410	M10	M10(Ø25)	642,510	10	240
EVHA412	M12	M12(Ø30)	951,867	5	120
EVHA414	M14	M14(Ø30)	1.427,800	5	120
EVHA416	M16	M16(Ø35)	1.665,767	1	-
EVHA420	M20	M20(Ø38)	2.189,293	1	-
EVHA424	M24	M24(Ø50)	4.759,333	1	24

EV-M

Ring nut D-580

EV-M

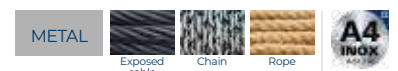
Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
EVM06	M6	M6 (Ø20)	152,990	100	400
EVM08	M8	M8 (Ø20)	182,653	100	400
EVM10	M10	M10 (Ø25)	259,000	100	200
EVM12	M12	M12 (Ø30)	319,853	50	100
EVM14	M14	M14 (Ø35)	426,077	50	100
EVM16	M16	M16 (Ø35)	484,820	50	-
EVM18	M18	M18 (Ø40)	649,273	50	-
EVM20	M20	M20 (Ø40)	679,747	25	50
EVM22	M22	M22 (Ø45)	1.073,827	25	50
EVM24	M24	M24 (Ø50)	1.339,260	25	-
EVM30	M30	M30 (Ø60)	2.986,607	10	-
EVM36	M36	M36 (Ø70)	4.894,393	1	-
EVM42	M42	M42(Ø80)	9.083,140	1	-
EVM48	M48	M48 (Ø90)	15.364,613	1	-
EVM27 NEW	M27	M27 (Ø55)	2.560,360	10	-
EVM33 NEW	M33	M33 (Ø65)	3.840,540	1	-

NEW EV-M A4

A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
EVMA406	M6	M6 (Ø20)	223,690	10	450
EVMA408	M8	M8 (Ø20)	385,507	10	450
EVMA410	M10	M10 (Ø25)	690,103	10	240
EVMA412	M12	M12(Ø30)	1.047,053	5	120
EVMA414	M14	M14 (Ø35)	1.546,783	5	120
EVMA416	M16	M16 (Ø35)	1.808,547	1	45
EVMA420	M20	M20 (Ø40)	2.617,633	1	-
EVMA424	M24	M24(Ø50)	5.711,200	1	12

Straight shackle

GR

METAL



GR-Z

Zinc-plated

CODE	METRIC	Ø CABLE	€/100		
GRZ05	M5	M5(Ø10)	96,663	50	1.200
GRZ06	M6	M6(Ø12)	101,473	50	600
GRZ08	M8	M8(Ø16)	127,867	50	300
GRZ10	M10	M10(Ø19)	167,723	50	200
GRZ11	M11	M11(Ø22)	289,907	25	150
GRZ12	M12	M12(Ø25)	263,863	25	100
GRZ14	M14	M14(Ø28)	404,577	25	75
GRZ16	M16	M16(Ø32)	545,640	10	40
GRZ18	M18	M18(Ø36)	846,557	5	30
GRZ20	M20	M20(Ø38)	971,713	5	20
GRZ22	M22	M22(Ø44)	1.294,393	1	-
GRZ25	M25	M25(Ø50)	1.893,433	1	-
GRZ28	M28	M28(Ø56)	2.815,680	1	-
GRZ32	M32	M32(Ø64)	4.598,987	1	-
GRZ36	M36	M36(Ø70)	8.831,333	1	-
GRZ38	NEW	M38(Ø76)	7.254,353	1	-
GRZ42	M42	M42(Ø76)	16.866,977	1	-
GRZ45	M45	M45(Ø80)	22.419,150	1	-
GRZ50	M50	M50(Ø90)	29.436,760	1	-
GRZ56	NEW	M56(Ø100)	48.646,840	1	-
GRZ63	NEW	M63(Ø110)	79.584,523	1	-



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZGRZ05	M5(Ø10)	4,146	4	20
BZGRZ06	M6(Ø12)	4,146	4	20
BZGRZ08	M8(Ø16)	4,146	2	20
BZGRZ10	M10(Ø19)	4,146	1	20

METAL

GR-A4 **NEW**

A4 Stainless steel

CODE	METRIC	Ø CABLE	€/100		
GRA404	M4	M4(Ø8)	209,410	25	1.125
GRA405	M5	M5(Ø10)	228,447	25	1.125
GRA406	M6	M6(Ø12)	261,763	25	600
GRA408	M8	M8(Ø16)	390,267	10	240
GRA410	M10	M10(Ø19)	628,233	10	120
GRA412	M12	M12(Ø25)	989,940	5	60
GRA414	M14	M14(Ø28)	1.594,377	5	60
GRA416	M16	M16(Ø32)	2.284,480	5	40
GRA419	M20	M20(Ø38)	4.473,773	1	-
GRA425	M25	M25(Ø50)	9.613,853	1	-



GD

Thimble DIN-6899/A

GD-Z

Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
GDZ03	M3	M3(Ø12)	34,003	200	2.400
GDZ04	M4	M4(Ø13)	34,790	200	1.200
GDZ05	M5	M5(Ø14)	39,593	200	600
GDZ06	M6	M6(Ø15)	44,473	200	-
GDZ08	M8	M8(Ø18)	49,040	100	200
GDZ10	M10	M10(Ø22)	67,143	100	200
GDZ13	M13	M13(Ø28)	143,263	50	-
GDZ15	M15	M15(Ø32)	213,080	50	-
GDZ18	M18	M18(Ø40)	492,603	50	-
GDZ20	M20	M20(Ø44)	615,633	25	-
GDZ24	M24	M24(Ø48)	756,450	10	20
GDZ12	NEW M12	M12(Ø26)	98,150	100	200



CODE	SIZE	€/BAG	PCS	BAGS
BZGDZ03	M3(Ø12)	4,146	6	20
BZGDZ04	M4(Ø13)	4,146	4	20
BZGDZ05	M5(Ø14)	4,146	4	20
BZGDZ06	M6(Ø15)	4,146	4	20

NEW GD-A4

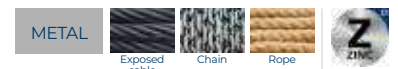
A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
GDA402	M2	M2(Ø10)	39,503	100	4.500
GDA403	M3	M3(Ø12)	57,113	100	4.500
GDA404	M4	M4(Ø13)	66,630	50	2.250
GDA405	M5	M5(Ø14)	90,427	50	1.200
GDA406	M6	M6(Ø15)	104,707	50	1.200
GDA408	M8	M8(Ø18)	199,893	50	600
GDA410	M10	M10(Ø22)	328,393	25	300
GDA412	M12	M12(Ø26)	385,507	10	120
GDA415	M15	M15(Ø32)	666,307	5	60

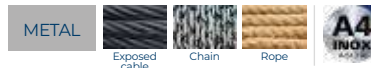
NEW GI-Z

Zinc-plated



CODE	METRIC	Ø CABLE	€/100		
GIZ05	M5	M5(Ø8)	64,010	50	1.200
GIZ06	M6	M6(Ø10)	68,277	50	600
GIZ08	M8	M8(Ø12)	110,950	50	300
GIZ10	M10	M10(Ø16)	174,960	50	200
GIZ11	M11	M11(Ø19)	234,697	25	150
GIZ12	M12	M12(Ø28)	264,570	25	100
GIZ14	M14	M14(Ø33)	409,657	10	60
GIZ16	M16	M16(Ø37)	567,543	10	40
GIZ20	M20	M20(Ø40)	1.024,143	5	30
GIZ22	M22	M22(Ø47)	1.365,527	1	45
GIZ25	M25	M25(Ø52)	1.920,270	1	-
GIZ28	M28	M28(Ø63)	2.901,740	1	-
GIZ32	M32	M32(Ø75)	4.736,667	1	-
GIZ36	M36	M36(Ø78)	6.336,893	1	-

Lyre shackle

GI

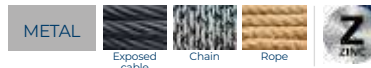
CODE	METRIC	Ø CABLE	€/100		
GIA404	M4	M4(Ø6)	266,523	25	1.125
GIA405	M5	M5(Ø8)	290,320	25	1.125
GIA406	M6	M6(Ø10)	318,877	10	450
GIA408	M8	M8(Ø12)	475,933	10	240
GIA410	M10	M10(Ø16)	785,290	10	120
GIA412	M12	M12(Ø28)	1.237,427	5	60
GIA414	M14	M14(Ø33)	2.141,700	5	60
GIA416	M16	M16(Ø37)	2.926,990	5	30

GI-A4 NEW

A4 Stainless steel



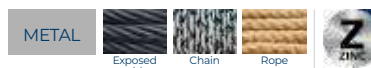
Zinc plated "S"

GS NEW

CODE	METRIC	Ø CABLE	€/100		
GSZ0325	M3	M3(Ø8)	10,670	200	4.800
GSZ0435	M4	M4(Ø10)	12,373	200	2.400
GSZ0545	M5	M5(Ø13)	22,617	200	1.200
GSZ0655	M6	M6(Ø15)	34,563	100	600
GSZ0765	M7	M7(Ø20)	65,717	50	300
GSZ0875	M8	M8(Ø22)	96,013	50	300
GSZ1010	M10	M10(Ø25)	168,557	25	150



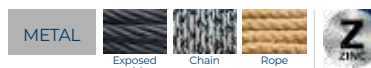
Firefighter carabiner

MQ

CODE	METRIC	Ø CABLE	€/100		
MQBS04	M4	M4(Ø6)	106,683	200	2.400
MQBS06	M6	M6(Ø9)	139,150	100	600
MQBS07	M7	M7(Ø10)	171,617	100	400
MQBS08	M8	M8(Ø12)	190,173	50	300
MQBS09	M9	M9(Ø15)	264,387	25	150
MQBS10	M10	M10(Ø14,7)	320,047	25	150
MQBS11	M11	M11(Ø18)	436,003	25	100
MQBS12	M12	M12(Ø20)	635,453	10	60

MQ-BS NEW

With lock



CODE	METRIC	Ø CABLE	€/100		
MQB04	M4	M4(Ø6)	69,577	100	2.400
MQB05	M5	M5(Ø8)	71,893	100	1.200
MQB06	M6	M6(Ø9)	88,127	100	600
MQB07	M7	M7(Ø10)	113,640	100	600
MQB08	M8	M8(Ø12)	139,150	50	300
MQB09	M9	M9(Ø15)	193,883	25	150
MQB10	M10	M10(Ø15)	231,917	25	150
MQB11	M11	M11(Ø18)	347,877	10	120
MQB12	M12	M12(Ø20)	426,727	10	60
MQB14	M14	M14(Ø25)	960,137	10	40
MQB15	M15	M15(Ø26)	1.345,117	10	30

MQ-B NEW

Firefighter carabiner



CM

Fencing accesories

CM-BP

Clamp post



METAL



CODE	SIZE	€/100	
CMBRPOS33	33-35	162,973	250
CMBRPOS40	40-43	168,527	200
CMBRPOS42	42-45	171,217	200
CMBRPOS48	48-52	177,150	200
CMBRPOS50	50-53	179,787	200
CMBRPOS60	60-62	194,007	150

CM-BT

Screw tighten clamp



METAL



CODE	SIZE	€/100	
CMBRTEN48	48	319,190	200

CM-TA

Stopper



METAL



CODE	SIZE	€/100	
CMTAPON33	33	75,477	500
CMTAPON40	40	82,860	350
CMTAPON42	42	86,037	350
CMTAPON48	48	95,593	300
CMTAPON50	50	106,603	250
CMTAPON60	60	123,673	250

CM-TP

Post stopper



METAL



CODE	SIZE	€/100	
CMTAPOS33	33	203,933	100
CMTAPOS40	40	214,003	200
CMTAPOS42	42	214,630	200
CMTAPOS48	48	236,520	150

CM-UN

Fastener



METAL



CODE	SIZE	€/100	
CMUNAAGUJ	Con agujero	23,573	1.500

Fencing hardware

CM-T

METAL



CODE	SIZE	€/100	
CMTENSOAL	85 x 29,5	118,730	250

CM-TENSO

Wire tightener



METAL



CODE	SIZE	€/100	
CMTENSOVE	85 x 29,5	185,470	250

CM-TENSOVE

Green wire tightener



METAL



CODE	SIZE	€/100	
CMTENSOTO	Tornillo	111,807	450

CM-TT

Wire tightening screw





DIRECT FIXING



FG-GUN

Semiautomatic, wireless, gas-actuated nail gun

FG-GUN

Semiautomatic, wireless, gas-actuated nail gun for drywall

GAS

CODE	SIZE	€/PC	
FG60GUN	Pistola gas / Gas gun / Pistolet gaz	1.944,000	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.

FG-GUNEL

Semiautomatic, wireless, gas-actuated nail gun for electricians

GAS

CODE	SIZE	€/PC	
FG60GUNEL	Pistola gas / Gas gun / Pistolet gaz	2.139,000	1

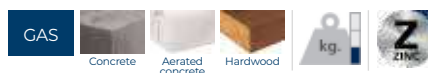


TOOL CASE CONTENT

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

Nails for gas-actuated guns

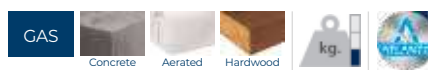
FG-CL



CODE	SIZE	€/100	
FGCL15	2,6 x 15	10,527	1.000
FGCL20	2,6 x 20	10,853	1.000
FGCL25	2,6 x 25	11,030	1.000
FGCL30	2,6 x 30	11,133	1.000
FGCL35	2,6 x 35	12,143	1.000
FGCL40	2,6 x 40	13,057	1.000

FG-CL

Standard nails



CODE	SIZE	€/100		
FGCLH15	3,1 x 15	11,987	1.000	-
FGCLH17	3,1 x 17	12,223	1.000	5.000
FGCLH19	3,1 x 19	12,223	1.000	-
FGCLH22	3,1 x 22	12,223	1.000	-
FGCLH27	3,1 x 27	12,787	1.000	-
FGCLH32	3,1 x 32	13,237	1.000	-

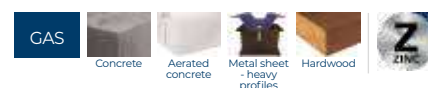
FG-CLH

Nails for hard materials



Accessories for installation with gas gun

FG-AC



CODE	SIZE	€/100		
FGARAM25	Ø25	17,343	200	4.800

FG-ARAM

Metallic washer



CODE	SIZE	€/PC		PCS. X JAR
FGARAM25EP	Ø25	183,820	1	1.000

FG-ARAM EP

Metallic washer. Plastic container

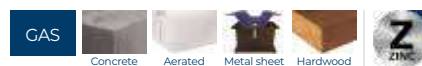


FP-CL08

Nails for powder-actuated FP08 guns

FG-PLET

Threaded platen for rod



CODE	SIZE	€/100		
FGPLET	M6 - M8	160,203	100	400

AB-PID

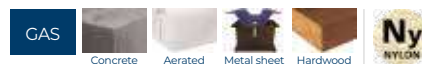
Conduit clip with single hole for shooting



CODE	SIZE	€/100		
ABPID016	16	11,860	100	1.200
ABPID020	20	18,343	100	1.200
ABPID025	25	21,500	100	600
ABPID032	32	26,687	100	600

FG-ABRA

Snap clamp



CODE	SIZE	€/100		
FGABRA15	15 - 18	53,767	100	-
FGABRA20	20 - 25	56,823	50	200
FGABRA25	25 - 32	68,320	50	-

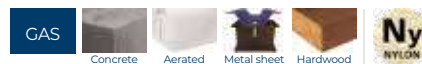
INSTALLATION

GUN



FG-BASE

Flange base



CODE	COLOR	€/100		
FGBASENE	BLACK	14,597	100	1.200
FGBASEGR	GREY	15,037	100	1.200

Accessories for gas gun

FG-APG



CODE	SIZE	€/PC	
FGCAEL	11	195,000	1

FG-CAEL

Special pistol barrel for electricians



CODE	SIZE	€/PC	
FGCLCAR40	40	276,100	1

FG-CLCAR

Gun magazine for 40 nails



CODE	SIZE	€/PC	
FGIMAN	Øinterior 11,25	119,057	1

FG-IMAN

Magnet



CODE	€/PC	
FG60BAT	281,277	1

FG-BAT

FP60GUN Battery



CODE	€/PC	
FG60CAR	215,897	1

FG-CAR

FP60GUN Charger



CODE	SIZE	€/PC		
FG60GAS	80 ml.	46,013	1	12

FG-GAS

Gas cartridge





SCREWS



DIN-7504-K

Self-drilling screw with hexagonal head

DIN-7504-K

Screw



Available in different colours



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



METAL



CODE	SIZE	€/100			
ABE3509	3,5 x 9,5	2,367	6	1.000	24.000
ABE3513	3,5 x 13	2,347	6	1.000	12.000
ABE3516	3,5 x 16	2,757	6	1.000	12.000
ABE3519	3,5 x 19	2,800	6	1.000	12.000
ABE4213	4,2 x 13	3,167	7	1.000	12.000
ABE4216	4,2 x 16	3,500	7	1.000	8.000
ABE4219	4,2 x 19	4,057	7	1.000	8.000
ABE4225	4,2 x 25	4,590	7	500	6.000
ABE4232	4,2 x 32	5,277	7	500	6.000
ABE4238	4,2 x 38	6,007	7	500	6.000
ABE4813	4,8 x 13	4,253	8	1.000	8.000
ABE4816	4,8 x 16	4,607	8	1.000	6.000
ABE4819	4,8 x 19	4,700	8	500	6.000
ABE4825	4,8 x 25	5,560	8	500	6.000
ABE4832	4,8 x 32	6,617	8	500	3.000
ABE4838	4,8 x 38	7,427	8	500	3.000
ABE5519	5,5 x 19	6,433	8	500	6.000
ABE5522	5,5 x 22	6,573	8	500	4.000
ABE5525	5,5 x 25	7,457	8	500	4.000
ABE5532	5,5 x 32	8,637	8	500	3.000
ABE5538	5,5 x 38	9,807	8	500	3.000
ABE5550	5,5 x 50	11,857	8	500	2.000

CODE	SIZE	€/100			
ABE5563	5,5 x 63	14,213	8	250	1.000
ABE5575	5,5 x 75	17,357	8	250	1.500
ABE6319	6,3 x 19	9,650	10	500	3.000
ABE6325	6,3 x 25	10,613	10	500	3.000
ABE6332	6,3 x 32	12,550	10	500	2.000
ABE6338	6,3 x 38	13,573	10	500	2.000
ABE6350	6,3 x 50	16,547	10	250	1.500
ABE6363	6,3 x 63	19,680	10	250	1.500
ABE6375	6,3 x 75	23,773	10	250	1.000
ABE6380	6,3 x 80	25,413	10	250	1.000
ABE6390	6,3 x 90	31,723	10	250	750
ABE6310	6,3 x 100	32,850	10	100	600
ABE6311	6,3 x 110	38,823	10	100	600
ABE6312	6,3 x 120	46,743	10	100	600
ABE6313	6,3 x 130	51,873	10	100	600
ABE6314	6,3 x 140	58,307	10	100	600
ABE6315	6,3 x 150	84,007	10	100	600
ABE6316	6,3 x 160	94,260	10	100	400
ABE6318	6,3 x 180	121,973	10	100	300
ABE6320	6,3 x 200	154,033	10	100	300
ABE6322	6,3 x 220	178,363	10	100	200
ABE6324	6,3 x 240	222,640	10	100	200

 Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZABE3509	3,5 x 9,5	2,302	20	20
BZABE3513	3,5 x 13	2,302	20	20
BZABE4213	4,2 x 13	2,302	20	20
BZABE4216	4,2 x 16	2,302	20	20
BZABE4219	4,2 x 19	2,302	20	20
BZABE4225	4,2 x 25	2,302	10	20
BZABE4813	4,8 x 13	2,302	20	20
BZABE4816	4,8 x 16	2,302	20	20
BZABE4819	4,8 x 19	2,302	10	20
BZABE4825	4,8 x 25	2,302	10	20
BZABE4832	4,8 x 32	2,302	10	20
BZABE4838	4,8 x 38	2,302	10	20
BZABE5519	5,5 x 19	2,302	10	20
BZABE5522	5,5 x 22	2,302	10	20
BZABE5525	5,5 x 25	2,302	10	20
BZABE5532	5,5 x 32	2,302	10	20
BZABE5538	5,5 x 38	2,302	10	20
BZABE5550	5,5 x 50	2,302	10	20
BZABE6325	6,3 x 25	2,302	10	20
BZABE6332	6,3 x 32	2,302	10	20
BZABE6338	6,3 x 38	2,302	10	20
BZABE6350	6,3 x 50	2,302	5	20

 Window box

CODE	SIZE	€/BOX	PCS	BOXES
VABE3509	3,5 x 9,5	6,001	225	8
VABE3513	3,5 x 13	6,286	200	8
VABE4213	4,2 x 13	6,263	150	8
VABE4216	4,2 x 16	6,852	150	8
VABE4219	4,2 x 19	8,087	150	8
VABE4225	4,2 x 25	4,705	75	8
VABE4232	4,2 x 32	5,558	75	8
VABE4813	4,8 x 13	8,414	150	8
VABE4816	4,8 x 16	9,291	150	8
VABE4819	4,8 x 19	10,127	150	8
VABE4825	4,8 x 25	11,426	150	8
VABE4832	4,8 x 32	9,491	110	8
VABE4838	4,8 x 38	8,379	85	8
VABE5519	5,5 x 19	10,694	125	8
VABE5522	5,5 x 22	11,241	125	8
VABE5525	5,5 x 25	12,400	125	8
VABE5532	5,5 x 32	9,769	85	8
VABE5538	5,5 x 38	10,234	80	8
VABE5550	5,5 x 50	9,272	60	8
VABE5563	5,5 x 63	7,448	40	8
VABE6319	6,3 x 19	12,847	100	8
VABE6325	6,3 x 25	12,480	90	8
VABE6332	6,3 x 32	11,483	70	8
VABE6338	6,3 x 38	10,643	60	8
VABE6350	6,3 x 50	8,648	40	8
VABE6363	6,3 x 63	6,615	25	8

DIN-7504-K A2

Screw. A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	18,020	7	1.000	12.000
ABEI4216	4,2 x 16	20,217	7	1.000	8.000
ABEI4219	4,2 x 19	20,953	7	1.000	8.000
ABEI4813	4,8 x 13	25,490	8	1.000	8.000
ABEI4816	4,8 x 16	24,907	8	500	6.000
ABEI4819	4,8 x 19	26,953	8	500	6.000
ABEI4825	4,8 x 25	30,180	8	500	6.000
ABEI4832	4,8 x 32	35,887	8	500	3.000
ABEI5519	5,5 x 19	37,210	8	500	6.000
ABEI5522	5,5 x 22	39,703	8	500	4.000
ABEI5525	5,5 x 25	42,193	8	500	6.000
ABEI6319	6,3 x 19	56,400	10	500	3.000
ABEI6325	6,3 x 25	64,167	10	500	3.000



Self-drilling screw with hexagonal head

DIN-7504-K

METAL

Metal sheet
heavy
profiles

Metal sheet

Z

ARVUL

DIN-7504-K + ARVUL

Screw with vulcanized EPDM-steel washer

CODE	SIZE	€/100			
ABE144219	4,2 x 19 P14	9,403	7	1.000	4.000
ABE144225	4,2 x 25 P14	11,123	7	500	3.000
ABE144816	4,8 x 16 P14	9,033	8	1.000	4.000
ABE144819	4,8 x 19 P14	9,690	8	1.000	4.000
ABE144825	4,8 x 25 P14	10,723	8	1.000	4.000
ABE144832	4,8 x 32 P14	14,740	8	500	3.000
ABE144838	4,8 x 38 P14	16,187	8	500	3.000
ABE145522	5,5 x 22 P14	12,893	8	1.000	4.000
ABE145532	5,5 x 32 P14	14,567	8	1.000	3.000
ABE164219	4,2 x 19 P16	11,630	7	1.000	4.000
ABE164816	4,8 x 16 P16	10,547	8	1.000	4.000
ABE164819	4,8 x 19 P16	10,540	8	1.000	3.000
ABE164825	4,8 x 25 P16	11,150	8	1.000	3.000
ABE164832	4,8 x 32 P16	15,557	8	500	3.000
ABE164838	4,8 x 38 P16	16,847	8	500	2.000
ABE165519	5,5 x 19 P16	12,287	8	1.000	3.000
ABE165522	5,5 x 22 P16	11,747	8	1.000	3.000
ABE165525	5,5 x 25 P16	13,697	8	1.000	3.000
ABE165532	5,5 x 32 P16	14,387	8	1.000	2.000
ABE165538	5,5 x 38 P16	16,307	8	1.000	2.000
ABE165550	5,5 x 50 P16	18,490	8	500	1.500
ABE165563	5,5 x 63 P16	21,587	8	250	1.500
ABE165575	5,5 x 75 P16	25,763	8	250	1.000
ABE166319	6,3 x 19 P16	15,823	10	500	3.000
ABE166325	6,3 x 25 P16	16,047	10	500	2.000
ABE166332	6,3 x 32 P16	20,040	10	500	2.000
ABE166338	6,3 x 38 P16	21,367	10	500	2.000
ABE166350	6,3 x 50 P16	25,337	10	500	1.000
ABE166363	6,3 x 63 P16	28,367	10	250	1.000
ABE166375	6,3 x 75 P16	34,780	10	250	750
ABE166380	6,3 x 80 P16	37,627	10	100	600
ABE166390	6,3 x 90 P16	44,687	10	100	600
ABE166310	6,3 x 100 P16	46,657	10	100	600
ABE166311	6,3 x 110 P16	52,300	10	100	600
ABE166312	6,3 x 120 P16	61,847	10	100	400
ABE166313	6,3 x 130 P16	67,440	10	100	400
ABE166314	6,3 x 140 P16	73,467	10	100	400

CODE	SIZE	€/100			
ABE184819	4,8 x 19 P18	13,890	8	500	3.000
ABE184825	4,8 x 25 P18	14,740	8	500	3.000
ABE184838	4,8 x 38 P18	18,227	8	500	2.000
ABE185522	5,5 x 22 P18	14,270	8	500	3.000
ABE185525	5,5 x 25 P18	15,847	8	500	3.000
ABE185532	5,5 x 32 P18	17,117	8	500	2.000
ABE185538	5,5 x 38 P18	18,270	8	500	2.000
ABE185550	5,5 x 50 P18	24,193	8	500	1.500
ABE185563	5,5 x 63 P18	23,303	8	250	1.000
ABE186319	6,3 x 19 P18	17,727	10	500	3.000
ABE186325	6,3 x 25 P18	17,427	10	500	2.000
ABE186332	6,3 x 32 P18	21,697	10	500	2.000
ABE186338	6,3 x 38 P18	21,210	10	250	1.500
ABE186350	6,3 x 50 P18	25,167	10	250	1.000
ABE186363	6,3 x 63 P18	29,717	10	250	1.000
ABE186375	6,3 x 75 P18	33,577	10	250	750
ABE186380	6,3 x 80 P18	42,307	10	100	600
ABE186390	6,3 x 90 P18	40,203	10	100	600
ABE186310	6,3 x 100 P18	43,917	10	100	400
ABE186311	6,3 x 110 P18	54,917	10	100	400
ABE186312	6,3 x 120 P18	65,897	10	100	400
ABE186313	6,3 x 130 P18	82,757	10	100	400
ABE186314	6,3 x 140 P18	91,110	10	100	400
ABE255522	5,5 x 22 P25	18,027	8	500	1.500
ABE255525	5,5 x 25 P25	21,633	8	500	1.500
ABE256325	6,3 x 25 P25	22,783	10	500	1.500
ABE256332	6,3 x 32 P25	27,513	10	500	1.000
ABE256338	6,3 x 38 P25	30,540	10	250	750
ABE256350	6,3 x 50 P25	34,460	10	250	750
ABE256363	6,3 x 63 P25	38,957	10	100	600
ABE256380	6,3 x 80 P25	48,947	10	100	300
ABE256390	6,3 x 90 P25	50,610	10	100	400
ABE256310	6,3 x 100 P25	55,120	10	100	400
ABE256311	6,3 x 110 P25	61,313	10	100	300
ABE256312	6,3 x 120 P25	67,597	10	100	300
ABE256313	6,3 x 130 P25	77,777	10	100	300
ABE256314	6,3 x 140 P25	85,043	10	100	200



Available in different colours



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



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZABE144819	4,8 x 19 P14	2,302	18	10
BZABE144825	4,8 x 25 P14	2,302	18	10
BZABE164819	4,8 x 19 P16	2,302	18	10
BZABE165522	5,5 x 22 P16	2,302	15	10
BZABE165525	5,5 x 25 P16	2,302	15	10
BZABE165532	5,5 x 32 P16	2,302	12	10
BZABE165538	5,5 x 38 P16	2,302	12	10
BZABE165550	5,5 x 50 P16	2,302	10	10
BZABE166325	6,3 x 25 P16	2,302	10	10
BZABE166332	6,3 x 32 P16	2,302	8	10
BZABE166338	6,3 x 38 P16	2,302	8	10



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VABE144819	4,8 x 19 P14	12,315	100	8
VABE144825	4,8 x 25 P14	10,916	80	8
VABE164819	4,8 x 19 P16	8,997	70	8
VABE165522	5,5 x 22 P16	9,928	70	8
VABE165525	5,5 x 25 P16	10,301	60	8
VABE165532	5,5 x 32 P16	8,902	50	8
VABE165538	5,5 x 38 P16	9,066	45	8
VABE165550	5,5 x 50 P16	7,973	35	8
VABE166325	6,3 x 25 P16	9,687	50	8
VABE166332	6,3 x 32 P16	12,600	50	8
VABE166338	6,3 x 38 P16	10,742	40	8

METAL

Metal sheet
heavy
profiles

Metal sheet

Z

DIN-7504-K CP + ARVUL

Plastic container

CODE	SIZE	€/UD			PCS. X JAR
ABE144819CP	4,8 x 19 P14	125,981	8	1	1.250
ABE164819CP	4,8 x 19 P16	130,226	8	1	1.250
ABE165522CP	5,5 x 22 P16	152,715	8	1	1.250
ABE166325CP	6,3 x 25 P16	125,175	10	1	750



AUE

Self-tapping screw with hexagonal head

AUE

Screw



Available in different colours



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



CODE	SIZE	€/100			
AUE6319	6,3 x 19	8,563	10	500	3.000
AUE6325	6,3 x 25	9,267	10	500	3.000
AUE6332	6,3 x 32	10,997	10	500	2.000
AUE6340	6,3 x 40	12,263	10	500	2.000
AUE6350	6,3 x 50	14,117	10	500	1.500
AUE6360	6,3 x 60	17,050	10	250	1.000
AUE6380	6,3 x 80	22,830	10	250	1.000
AUE6310	6,3 x 100	29,753	10	250	750
AUE6311	6,3 x 110	35,980	10	250	750
AUE6312	6,3 x 120	38,403	10	250	750
AUE6313	6,3 x 130	47,217	10	250	750
AUE6314	6,3 x 140	54,130	10	250	500
AUE6315	6,3 x 150	66,533	10	100	400

AUE + ARVUL

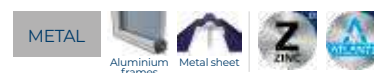
Screw with vulcanized EPDM-steel washer



Available in different colours



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



CODE	SIZE	€/100			
AUE166319	6,3 x 19 P16	14,817	10	500	2.000
AUE166325	6,3 x 25 P16	15,700	10	500	2.000
AUE166332	6,3 x 32 P16	17,417	10	500	2.000
AUE166340	6,3 x 40 P16	19,347	10	500	1.500
AUE166350	6,3 x 50 P16	21,577	10	500	1.500
AUE166360	6,3 x 60 P16	26,307	10	250	1.000
AUE166380	6,3 x 80 P16	33,567	10	250	750
AUE186325	6,3 x 25 P18	16,767	10	500	2.000
AUE186332	6,3 x 32 P18	19,233	10	500	1.500
AUE186340	6,3 x 40 P18	23,320	10	500	1.500
AUE186350	6,3 x 50 P18	23,623	10	500	1.500
AUE186360	6,3 x 60 P18	28,440	10	250	1.000
AUE186380	6,3 x 80 P18	36,870	10	250	750
AUE186310	6,3 x 100 P18	43,050	10	250	750
AUE186311	6,3 x 110 P18	48,787	10	250	500
AUE186312	6,3 x 120 P18	56,117	10	100	400
AUE186313	6,3 x 130 P18	65,590	10	100	400
AUE186314	6,3 x 140 P18	71,193	10	100	400
AUE186315	6,3 x 150 P18	72,923	10	100	400
AUE256325	6,3 x 25 P25	26,947	10	500	1.500

Vulcanized EPDM-steel washer

ARVUL

METAL



ARVUL

ATLANTIS C2-M coating



CODE	SIZE	€/100	WASHER INNER Ø		
ARANE14	P14	4,080	2.5	1.000	12.000
ARANE16	P16	4,563	2.7	1.000	6.000
ARANE18	P18	5,807	3.2	1.000	6.000
ARANE25	P25	9,947	3.3	500	3.000

 Blister

 Window box

CODE	SIZE	€/BAG	PCS 	BAGS 
BZARANE14	P14	1,820	20	10
BZARANE16	P16	1,820	20	10
BZARANE18	P18	1,820	20	10

CODE	SIZE	€/BOX	PCS 	BOXES 
VARANE14	P14	4,988	100	8
VARANE16	P16	5,532	100	8
VARANE18	P18	7,255	100	8
VARANE25	P25	12,569	100	8

STAINLESS
STEEL



ARVUL A2

A2 Stainless steel



CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	11,267	2.5	1.000	12.000
ARINO16	P16	12,737	2.7	1.000	6.000
ARINO18	P18	16,030	3.2	1.000	6.000
ARINO25	P25	29,640	3.3	500	3.000
ARINOM30	P30	42,530	6.3	500	1.500

TP

Countersunk head chipboard screw

TP-PO B

Yellow zinc-plated. PZ recess



CODE	SIZE	€/100		THREAD LENGHT	MIN. ORDER QTY.		
• TPP025010	2,5 x 10	1,093	PZ1	Total	2.000	1.000	45.000
• TPP025012	2,5 x 12	1,097	PZ1	Total	2.000	1.000	45.000
• TPP025016	2,5 x 16	1,227	PZ1	Total	2.000	1.000	45.000
TPP025020	2,5 x 20	1,390	PZ1	Total	2.000	1.000	24.000
TPP025025	2,5 x 25	1,493	PZ1	Total	2.000	1.000	24.000
• TPP030012	3 x 12	0,977	PZ1	Total	2.000	1.000	45.000
• TPP030016	3 x 16	1,127	PZ1	Total	2.000	1.000	24.000
• TPP030020	3 x 20	1,270	PZ1	Total	2.000	1.000	24.000
TPP030025	3 x 25	1,477	PZ1	Total	2.000	1.000	12.000
TPP030030	3 x 30	1,590	PZ1	Total	2.000	1.000	12.000
TPP030040	3 x 40	2,090	PZ1	Total	2.000	1.000	6.000
• TPP035016	3,5 x 16	1,243	PZ2	Total	2.000	1.000	24.000
• TPP035020	3,5 x 20	1,477	PZ2	Total	2.000	1.000	12.000
TPP035025	3,5 x 25	1,700	PZ2	Total	2.000	1.000	12.000
TPP035030	3,5 x 30	1,870	PZ2	Total	2.000	1.000	12.000
TPP035035	3,5 x 35	2,340	PZ2	Total	1.000	500	6.000
TPP035040	3,5 x 40	2,540	PZ2	Total	1.000	500	6.000
TPP035050	3,5 x 50	3,327	PZ2	Total	500	250	3.000
• TPP040016	4 x 16	1,600	PZ2	Total	2.000	1.000	16.000
• TPP040020	4 x 20	1,907	PZ2	Total	2.000	1.000	12.000
• TPP040025	4 x 25	2,123	PZ2	Total	2.000	1.000	12.000
TPP040030	4 x 30	2,527	PZ2	Total	1.000	500	6.000
TPP040035	4 x 35	2,790	PZ2	Total	1.000	500	6.000
TPP040040	4 x 40	3,007	PZ2	Total	1.000	500	6.000
TPP040045	4 x 45	3,793	PZ2	Total	1.000	500	3.000
TPP040050	4 x 50	4,143	PZ2	Total	500	250	3.000
TPP040060	4 x 60	4,800	PZ2	Total	500	250	3.000
TPP040070	4 x 70	5,913	PZ2	Parcial 52	500	250	3.000
• TPP045020	4,5 x 20	2,407	PZ2	Total	1.000	500	12.000
• TPP045025	4,5 x 25	2,857	PZ2	Total	1.000	500	6.000
• TPP045030	4,5 x 30	3,237	PZ2	Total	1.000	500	6.000
TPP045035	4,5 x 35	3,523	PZ2	Total	1.000	500	6.000
TPP045040	4,5 x 40	3,887	PZ2	Total	1.000	500	3.000
TPP045045	4,5 x 45	4,800	PZ2	Total	500	250	3.000
TPP045050	4,5 x 50	5,113	PZ2	Total	500	250	3.000
TPP045060	4,5 x 60	6,020	PZ2	Total	500	250	3.000
TPP045070	4,5 x 70	7,367	PZ2	Parcial 52	500	250	1.500
TPP045080	4,5 x 80	9,193	PZ2	Parcial 52	200	100	1.200
• TPP050020	5 x 20	2,963	PZ2	Total	1.000	500	6.000
• TPP050025	5 x 25	3,530	PZ2	Total	1.000	500	6.000
• TPP050030	5 x 30	3,993	PZ2	Total	500	250	6.000
TPP050035	5 x 35	4,507	PZ2	Total	500	250	3.000
TPP050040	5 x 40	4,947	PZ2	Total	500	250	3.000
TPP050045	5 x 45	5,717	PZ2	Total	500	250	3.000
TPP050050	5 x 50	6,037	PZ2	Total	500	250	3.000
TPP050060	5 x 60	7,337	PZ2	Total	500	250	1.500
TPP050070	5 x 70	9,080	PZ2	Parcial 52	200	100	1.200
TPP050080	5 x 80	10,360	PZ2	Parcial 52	200	100	1.200
TPP050090	5 x 90	12,307	PZ2	Parcial 60	200	100	1.200
TPP050100	5 x 100	13,287	PZ2	Parcial 60	200	100	1.200
TPP050120	5 x 120	20,040	PZ2	Parcial 75	200	100	1.200
• TPP060040	6 x 40	7,487	PZ3	Total	500	250	3.000
TPP060050	6 x 50	8,627	PZ3	Total	500	250	1.500
TPP060060	6 x 60	10,040	PZ3	Total	500	250	1.500
TPP060070	6 x 70	13,013	PZ3	Parcial 52	200	100	1.200
TPP060080	6 x 80	14,767	PZ3	Parcial 52	200	100	1.200
TPP060090	6 x 90	16,817	PZ3	Parcial 60	200	100	1.200
TPP060100	6 x 100	19,127	PZ3	Parcial 60	100	100	1.200
TPP060110	6 x 110	22,617	PZ3	Parcial 70	100	100	600
TPP060120	6 x 120	24,050	PZ3	Parcial 70/75	100	100	600
TPP060130	6 x 130	28,207	PZ3	Parcial 70/75	100	100	600
TPP060140	6 x 140	31,743	PZ3	Parcial 70/75	100	100	600
TPP060150	6 x 150	34,333	PZ3	Parcial 70/75	100	100	600
TPP060160	6 x 160	38,243	PZ3	Parcial 70/75	100	100	400
TPP060180	6 x 180	55,940	PZ3	Parcial 70/75	100	100	300
TPP060200	6 x 200	72,827	PZ3	Parcial 70/75	100	100	300
TPP060220	6 x 220	105,200	PZ3	Parcial 70/75	100	100	300

• Non-assessed sizes

TP



Blister

CODE	SIZE	€/BAG	PCS B	BAGS C
BZTPPO25016	2,5 x 16	1,820	40	20
BZTPPO25020	2,5 x 20	1,820	40	20
BZTPPO25025	2,5 x 25	1,820	40	20
BZTPPO30016	3 x 16	1,820	40	20
BZTPPO30020	3 x 20	1,820	40	20
BZTPPO30025	3 x 25	1,820	40	20
BZTPPO30030	3 x 30	1,820	40	20
BZTPPO35016	3,5 x 16	1,820	40	20
BZTPPO35020	3,5 x 20	1,820	40	20
BZTPPO35025	3,5 x 25	1,820	40	20
BZTPPO35030	3,5 x 30	1,820	40	20
BZTPPO35035	3,5 x 35	1,820	20	20
BZTPPO35040	3,5 x 40	1,820	20	20
BZTPPO35050	3,5 x 50	1,820	20	20
BZTPPO40016	4 x 16	1,820	40	20
BZTPPO40020	4 x 20	1,820	40	20
BZTPPO40025	4 x 25	1,820	40	20
BZTPPO40030	4 x 30	1,820	20	20
BZTPPO40035	4 x 35	1,820	20	20
BZTPPO40040	4 x 40	1,820	20	20
BZTPPO40045	4 x 45	1,820	20	20
BZTPPO40050	4 x 50	1,820	10	20
BZTPPO40060	4 x 60	1,820	10	20
BZTPPO45030	4,5 x 30	1,820	20	20
BZTPPO45035	4,5 x 35	1,820	20	20
BZTPPO45040	4,5 x 40	1,820	20	20
BZTPPO45045	4,5 x 45	1,820	10	20
BZTPPO45050	4,5 x 50	1,820	10	20
BZTPPO45060	4,5 x 60	1,820	10	20
BZTPPO45070	4,5 x 70	1,820	10	20
BZTPPO50030	5 x 30	1,820	10	20
BZTPPO50035	5 x 35	1,820	10	20
BZTPPO50040	5 x 40	1,820	10	20
BZTPPO50050	5 x 50	1,820	10	20
BZTPPO50060	5 x 60	1,820	10	20
BZTPPO50070	5 x 70	1,820	4	20
BZTPPO50080	5 x 80	1,820	4	20
BZTPPO50100	5 x 100	1,820	4	20
BZTPPO60040	6 x 40	1,820	10	20
BZTPPO60050	6 x 50	1,820	10	20
BZTPPO60060	6 x 60	1,820	10	20
BZTPPO60070	6 x 70	1,820	4	20
BZTPPO60080	6 x 80	1,820	4	20
BZTPPO60090	6 x 90	1,820	4	20
BZTPPO60100	6 x 100	1,820	4	20

 Window box

CODE	SIZE	€/BOX	PCS 	BOXES 
VTPPO30016	3 x 16	3,974	250	8
VTPPO30020	3 x 20	4,437	250	8
VTPPO30025	3 x 25	5,076	250	8
VTPPO30030	3 x 30	5,336	250	8
VTPPO30040	3 x 40	6,776	250	8
VTPPO35016	3,5 x 16	4,272	250	8
VTPPO35020	3,5 x 20	4,962	250	8
VTPPO35025	3,5 x 25	5,655	250	8
VTPPO35030	3,5 x 30	6,064	250	8
VTPPO35035	3,5 x 35	4,956	150	8
VTPPO35040	3,5 x 40	5,247	150	8
VTPPO35050	3,5 x 50	4,741	100	8
VTPPO40016	4 x 16	5,541	250	8
VTPPO40020	4 x 20	6,470	250	8
VTPPO40025	4 x 25	7,147	250	8
VTPPO40030	4 x 30	5,738	175	8
VTPPO40035	4 x 35	5,548	150	8
VTPPO40040	4 x 40	6,087	150	8
VTPPO40045	4 x 45	7,432	150	8
VTPPO40050	4 x 50	5,593	100	8
VTPPO40060	4 x 60	6,527	100	8
VTPPO45030	4,5 x 30	6,422	150	8
VTPPO45035	4,5 x 35	7,037	150	8
VTPPO45040	4,5 x 40	7,565	150	8
VTPPO45045	4,5 x 45	5,719	90	8
VTPPO45050	4,5 x 50	6,957	100	8
VTPPO45060	4,5 x 60	6,381	80	8
VTPPO45070	4,5 x 70	5,890	60	8
VTPPO50030	5 x 30	5,377	100	8
VTPPO50035	5 x 35	5,852	100	8
VTPPO50040	5 x 40	6,422	100	8
VTPPO50050	5 x 50	7,838	100	8
VTPPO50060	5 x 60	7,771	80	8
VTPPO50070	5 x 70	4,323	35	8
VTPPO50080	5 x 80	4,225	30	8
VTPPO50090	5 x 90	4,914	30	8
VTPPO60040	6 x 40	9,712	100	8
VTPPO60050	6 x 50	8,956	80	8
VTPPO60060	6 x 60	7,977	60	8
VTPPO60070	6 x 70	5,121	30	8
VTPPO60080	6 x 80	5,574	30	8

TP-PO B

Yellow zinc-plated. PZ recess



TP

Countersunk head chipboard screw

TP-PO Z

Zinc-plated. PZ recess



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

CODE	SIZE	€/100		THREAD LENGHT	MIN. ORDER QTY.		
• TPPOZ25010	2,5 x 10	1,093	PZ1	Total	2.000	1.000	45.000
• TPPOZ25012	2,5 x 12	1,097	PZ1	Total	2.000	1.000	45.000
• TPPOZ25016	2,5 x 16	1,227	PZ1	Total	2.000	1.000	45.000
TPPOZ25020	2,5 x 20	1,390	PZ1	Total	2.000	1.000	24.000
TPPOZ25025	2,5 x 25	1,493	PZ1	Total	2.000	1.000	24.000
• TPPOZ30012	3 x 12	0,977	PZ1	Total	2.000	1.000	45.000
• TPPOZ30016	3 x 16	1,127	PZ1	Total	2.000	1.000	24.000
• TPPOZ30020	3 x 20	1,270	PZ1	Total	2.000	1.000	24.000
TPPOZ30025	3 x 25	1,477	PZ1	Total	2.000	1.000	12.000
TPPOZ30030	3 x 30	1,590	PZ1	Total	2.000	1.000	12.000
TPPOZ30040	3 x 40	2,090	PZ1	Total	2.000	1.000	6.000
• TPPOZ35016	3,5 x 16	1,243	PZ2	Total	2.000	1.000	24.000
• TPPOZ35020	3,5 x 20	1,477	PZ2	Total	2.000	1.000	12.000
TPPOZ35025	3,5 x 25	1,700	PZ2	Total	2.000	1.000	12.000
TPPOZ35030	3,5 x 30	1,870	PZ2	Total	2.000	1.000	12.000
TPPOZ35035	3,5 x 35	2,340	PZ2	Total	1.000	500	6.000
TPPOZ35040	3,5 x 40	2,540	PZ2	Total	1.000	500	6.000
TPPOZ35050	3,5 x 50	3,327	PZ2	Total	500	250	3.000
• TPPOZ40016	4 x 16	1,600	PZ2	Total	2.000	1.000	16.000
• TPPOZ40020	4 x 20	1,907	PZ2	Total	2.000	1.000	12.000
• TPPOZ40025	4 x 25	2,123	PZ2	Total	2.000	1.000	12.000
TPPOZ40030	4 x 30	2,527	PZ2	Total	1.000	500	6.000
TPPOZ40035	4 x 35	2,790	PZ2	Total	1.000	500	6.000
TPPOZ40040	4 x 40	3,007	PZ2	Total	1.000	500	6.000
TPPOZ40045	4 x 45	3,793	PZ2	Total	1.000	500	3.000
TPPOZ40050	4 x 50	4,143	PZ2	Total	500	250	3.000
TPPOZ40060	4 x 60	4,800	PZ2	Total	500	250	3.000
TPPOZ40070	4 x 70	5,913	PZ2	Parcial 52	500	250	1.500
• TPPOZ45020	4,5 x 20	2,407	PZ2	Total	1.000	500	12.000
• TPPOZ45025	4,5 x 25	2,857	PZ2	Total	1.000	500	6.000
• TPPOZ45030	4,5 x 30	3,237	PZ2	Total	1.000	500	6.000
TPPOZ45035	4,5 x 35	3,523	PZ2	Total	1.000	500	6.000
TPPOZ45040	4,5 x 40	3,887	PZ2	Total	1.000	500	3.000
TPPOZ45045	4,5 x 45	4,800	PZ2	Total	500	250	3.000
TPPOZ45050	4,5 x 50	5,113	PZ2	Total	500	250	3.000
TPPOZ45060	4,5 x 60	6,020	PZ2	Total	500	250	3.000
TPPOZ45070	4,5 x 70	7,367	PZ2	Parcial 52	500	250	1.500
TPPOZ45080	4,5 x 80	9,193	PZ2	Parcial 52	200	100	1.200
• TPPOZ50020	5 x 20	2,963	PZ2	Total	1.000	500	6.000
• TPPOZ50025	5 x 25	3,530	PZ2	Total	1.000	500	6.000
• TPPOZ50030	5 x 30	3,993	PZ2	Total	500	250	6.000
TPPOZ50035	5 x 35	4,507	PZ2	Total	500	250	3.000
TPPOZ50040	5 x 40	4,947	PZ2	Total	500	250	3.000
TPPOZ50045	5 x 45	5,717	PZ2	Total	500	250	3.000
TPPOZ50050	5 x 50	6,037	PZ2	Total	500	250	3.000
TPPOZ50060	5 x 60	7,337	PZ2	Total	500	250	1.500
TPPOZ50070	5 x 70	9,080	PZ2	Parcial 52	200	100	1.200
TPPOZ50080	5 x 80	10,360	PZ2	Parcial 52	200	100	1.200
TPPOZ50090	5 x 90	12,307	PZ2	Parcial 60	200	100	1.200
TPPOZ50100	5 x 100	13,287	PZ2	Parcial 60	200	100	1.200
TPPOZ50120	5 x 120	20,040	PZ2	Parcial 75	200	100	1.200
• TPPOZ60040	6 x 40	7,487	PZ3	Total	500	250	3.000
TPPOZ60050	6 x 50	8,627	PZ3	Total	500	250	1.500
TPPOZ60060	6 x 60	10,040	PZ3	Total	500	250	1.500
TPPOZ60070	6 x 70	13,013	PZ3	Parcial 52	200	100	1.200
TPPOZ60080	6 x 80	14,767	PZ3	Parcial 52	200	100	1.200
TPPOZ60090	6 x 90	16,817	PZ3	Parcial 60	200	100	1.200
TPPOZ60100	6 x 100	19,127	PZ3	Parcial 60	100	100	1.200
TPPOZ60110	6 x 110	22,617	PZ3	Parcial 70	100	100	600

• Non-assessed sizes

Countersunk head chipboard screw

TP

 Window box

CODE	SIZE	€/BOX	PCS	BOXES
VTPOZ30025	3 x 25	5,076	250	8
VTPOZ30030	3 x 30	5,336	250	8
VTPOZ35016	3,5 x 16	4,272	250	8
VTPOZ35020	3,5 x 20	4,962	250	8
VTPOZ35025	3,5 x 25	5,655	250	8
VTPOZ35030	3,5 x 30	6,064	250	8
VTPOZ35035	3,5 x 35	4,956	150	8
VTPOZ35040	3,5 x 40	5,247	150	8
VTPOZ35050	3,5 x 50	4,741	100	8
VTPOZ40016	4 x 16	5,541	250	8
VTPOZ40020	4 x 20	6,470	250	8
VTPOZ40025	4 x 25	7,147	250	8
VTPOZ40030	4 x 30	5,738	175	8
VTPOZ40035	4 x 35	5,548	150	8
VTPOZ40040	4 x 40	6,087	150	8
VTPOZ40045	4 x 45	7,432	150	8
VTPOZ40050	4 x 50	5,593	100	8
VTPOZ40060	4 x 60	6,527	100	8
VTPOZ45030	4,5 x 30	6,422	150	8
VTPOZ45035	4,5 x 35	7,037	150	8
VTPOZ45040	4,5 x 40	7,768	150	8
VTPOZ45045	4,5 x 45	5,719	90	8
VTPOZ45050	4,5 x 50	6,957	100	8
VTPOZ45060	4,5 x 60	6,381	80	8
VTPOZ45070	4,5 x 70	5,890	60	8
VTPOZ50030	5 x 30	5,377	100	8
VTPOZ50035	5 x 35	5,852	100	8
VTPOZ50040	5 x 40	6,422	100	8
VTPOZ50050	5 x 50	7,838	100	8
VTPOZ50060	5 x 60	7,771	80	8
VTPOZ50070	5 x 70	4,323	35	8
VTPOZ50080	5 x 80	4,225	30	8
VTPOZ50090	5 x 90	4,914	30	8
VTPOZ60060	6 x 60	7,977	60	8
VTPOZ60070	6 x 70	5,121	30	8
VTPOZ60080	6 x 80	5,574	30	8

TP-PO Z

Zinc-plated. PZ recess



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

DIN-7981 H

Panhead self-tapping screw

DIN-7981 HP Z

Zinc-plated. PH recess



Available in different colours



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

METAL



CODE	SIZE	€/100			
T8129006	2,9 x 6,5	1,390	PH1	1.000	45.000
T8129009	2,9 x 9,5	1,437	PH1	1.000	30.000
T8129013	2,9 x 13	1,450	PH1	1.000	24.000
T8129016	2,9 x 16	1,623	PH1	1.000	24.000
T8129019	2,9 x 19	1,757	PH1	1.000	24.000
T8129022	2,9 x 22	2,017	PH1	1.000	12.000
T8129025	2,9 x 25	2,267	PH1	500	12.000
T8135006	3,5 x 6,5	1,450	PH2	1.000	24.000
T8135009	3,5 x 9,5	1,487	PH2	1.000	24.000
T8135013	3,5 x 13	1,770	PH2	500	15.000
T8135016	3,5 x 16	2,053	PH2	500	12.000
T8135019	3,5 x 19	2,237	PH2	500	12.000
T8135025	3,5 x 25	2,873	PH2	250	6.000
T8135032	3,5 x 32	3,427	PH2	250	6.000
T8139009	3,9 x 9,5	1,787	PH2	500	15.000
T8139013	3,9 x 13	2,163	PH2	500	12.000
T8139016	3,9 x 16	2,353	PH2	500	12.000
T8139019	3,9 x 19	2,693	PH2	500	12.000
T8139022	3,9 x 22	2,997	PH2	250	6.000
T8139025	3,9 x 25	3,320	PH2	250	6.000
T8139032	3,9 x 32	3,753	PH2	250	6.000
T8139038	3,9 x 38	4,387	PH2	250	6.000
T8139045	3,9 x 45	5,290	PH2	250	3.000
T8139050	3,9 x 50	5,873	PH2	250	3.000
T8142009	4,2 x 9,5	2,243	PH2	500	12.000
T8142013	4,2 x 13	2,420	PH2	500	12.000
T8142016	4,2 x 16	2,907	PH2	500	12.000
T8142019	4,2 x 19	2,940	PH2	500	8.000
T8142022	4,2 x 22	3,653	PH2	250	6.000
T8142025	4,2 x 25	3,663	PH2	250	6.000
T8142032	4,2 x 32	4,290	PH2	250	6.000
T8142038	4,2 x 38	5,020	PH2	250	3.000
T8142045	4,2 x 45	5,747	PH2	250	3.000
T8142050	4,2 x 50	6,073	PH2	250	3.000
T8142060	4,2 x 60	8,190	PH2	250	3.000
T8142070	4,2 x 70	9,200	PH2	250	1.500
T8142080	4,2 x 80	10,950	PH2	250	1.500
T8142090	4,2 x 90	14,883	PH2	250	1.500
T8148009	4,8 x 9,5	3,200	PH2	500	12.000
T8148013	4,8 x 13	3,263	PH2	500	8.000
T8148016	4,8 x 16	3,653	PH2	250	6.000
T8148019	4,8 x 19	4,363	PH2	250	6.000
T8148022	4,8 x 22	4,767	PH2	250	6.000

CODE	SIZE	€/100			
T8148025	4,8 x 25	5,000	PH2	250	6.000
T8148032	4,8 x 32	5,617	PH2	250	4.000
T8148038	4,8 x 38	6,583	PH2	250	3.000
T8148045	4,8 x 45	7,457	PH2	250	3.000
T8148050	4,8 x 50	8,113	PH2	250	3.000
T8148060	4,8 x 60	10,223	PH2	250	1.500
T8148070	4,8 x 70	12,150	PH2	100	1.200
T8148080	4,8 x 80	14,913	PH2	100	1.200
T8148090	4,8 x 90	17,280	PH2	100	1.200
T8148100	4,8 x 100	18,800	PH2	100	1.200
T8148110	4,8 x 110	23,590	PH2	100	1.200
T8148120	4,8 x 120	27,853	PH2	100	1.200
T8155013	5,5 x 13	4,890	PH3	250	6.000
T8155016	5,5 x 16	5,227	PH3	250	6.000
T8155019	5,5 x 19	5,470	PH3	250	6.000
T8155022	5,5 x 22	6,340	PH3	250	4.000
T8155025	5,5 x 25	6,537	PH3	250	4.000
T8155032	5,5 x 32	7,653	PH3	250	3.000
T8155038	5,5 x 38	8,550	PH3	250	3.000
T8155045	5,5 x 45	9,787	PH3	250	3.000
T8155050	5,5 x 50	10,693	PH3	250	1.500
T8155060	5,5 x 60	13,290	PH3	100	1.200
T8155070	5,5 x 70	14,753	PH3	100	1.200
T8155080	5,5 x 80	18,393	PH3	100	1.200
T8155090	5,5 x 90	21,140	PH3	100	1.200
T8155100	5,5 x 100	24,703	PH3	100	1.200
T8155110	5,5 x 110	29,923	PH3	100	1.200
T8155120	5,5 x 120	35,753	PH3	100	1.200
T8163016	6,3 x 16	6,973	PH3	250	4.000
T8163019	6,3 x 19	7,430	PH3	250	3.000
T8163022	6,3 x 22	7,967	PH3	250	3.000
T8163025	6,3 x 25	8,493	PH3	250	3.000
T8163032	6,3 x 32	10,627	PH3	250	3.000
T8163038	6,3 x 38	12,017	PH3	250	1.500
T8163045	6,3 x 45	14,067	PH3	250	1.500
T8163050	6,3 x 50	15,363	PH3	250	1.500
T8163060	6,3 x 60	17,743	PH3	100	1.200
T8163070	6,3 x 70	20,183	PH3	100	1.200
T8163080	6,3 x 80	24,970	PH3	100	1.200
T8163090	6,3 x 90	31,983	PH3	50	600
T8163100	6,3 x 100	36,987	PH3	50	600
T8163110	6,3 x 110	40,570	PH3	50	600
T8163120	6,3 x 120	43,523	PH3	50	600



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZT8135009	3,5 x 9,5	1,820	40	20
BZT8135013	3,5 x 13	1,820	20	20
BZT8135016	3,5 x 16	1,820	20	20
BZT8135019	3,5 x 19	1,820	20	20
BZT8139013	3,9 x 13	1,820	20	20
BZT8139016	3,9 x 16	1,820	20	20
BZT8139019	3,9 x 19	1,820	20	20
BZT8139025	3,9 x 25	1,820	10	20
BZT8139032	3,9 x 32	1,820	10	20
BZT8142009	4,2 x 9,5	1,820	20	20
BZT8142013	4,2 x 13	1,820	20	20
BZT8142016	4,2 x 16	1,820	20	20
BZT8142019	4,2 x 19	1,820	20	20
BZT8142025	4,2 x 25	1,820	10	20
BZT8142032	4,2 x 32	1,820	10	20
BZT8142038	4,2 x 38	1,820	10	20
BZT8148016	4,8 x 16	1,820	10	20
BZT8148019	4,8 x 19	1,820	10	20
BZT8148025	4,8 x 25	1,820	10	20
BZT8148032	4,8 x 32	1,820	10	20
BZT8148038	4,8 x 38	1,820	10	20
BZT8148050	4,8 x 50	1,820	10	20
BZT8148060	4,8 x 60	1,820	10	20
BZT8155025	5,5 x 25	1,820	10	20
BZT8155032	5,5 x 32	1,820	10	20
BZT8155038	5,5 x 38	1,820	10	20
BZT8155050	5,5 x 50	1,820	10	20



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VT8135009	3,5 x 9,5	5,513	250	8
VT8135013	3,5 x 13	5,415	200	8
VT8135016	3,5 x 16	5,969	200	8
VT8135019	3,5 x 19	6,498	200	8
VT8135025	3,5 x 25	8,633	200	8
VT8139009	3,9 x 9,5	5,722	200	8
VT8139013	3,9 x 13	6,396	200	8
VT8139016	3,9 x 16	7,040	200	8
VT8139019	3,9 x 19	6,182	150	8
VT8139022	3,9 x 22	4,909	100	8
VT8139025	3,9 x 25	5,140	100	8
VT8142009	4,2 x 9,5	6,890	200	8
VT8142013	4,2 x 13	7,011	200	8
VT8142016	4,2 x 16	8,357	200	8
VT8142019	4,2 x 19	6,638	150	8
VT8142022	4,2 x 22	5,491	100	8
VT8142025	4,2 x 25	5,308	100	8
VT8142032	4,2 x 32	6,263	100	8
VT8142038	4,2 x 38	5,532	75	8
VT8142050	4,2 x 50	4,855	50	8
VT8148009	4,8 x 9,5	6,752	150	8
VT8148013	4,8 x 13	7,030	150	8
VT8148016	4,8 x 16	5,282	100	8
VT8148019	4,8 x 19	6,004	100	8
VT8148025	4,8 x 25	7,135	100	8
VT8148032	4,8 x 32	7,831	100	8
VT8148038	4,8 x 38	9,899	100	8
VT8148045	4,8 x 45	7,968	70	8
VT8148050	4,8 x 50	6,099	50	8
VT8148060	4,8 x 60	7,683	50	8
VT8148070	4,8 x 70	7,312	40	8
VT8148080	4,8 x 80	5,845	25	8
VT8155019	5,5 x 19	8,113	100	8
VT8155025	5,5 x 25	8,705	90	8
VT8155032	5,5 x 32	11,172	100	8
VT8155038	5,5 x 38	9,567	75	8



Coach wood screw with hexagonal head

DIN-571

WOOD



DIN-571

Zinc-plated

CODE	SIZE	€/100			
• TB05030	5 x 30	4,870	8	200	4.800
• TB05040	5 x 40	6,183	8	200	2.400
• TB05050	5 x 50	7,270	8	200	2.400
• TB05060	5 x 60	8,210	8	200	2.400
• TB06025	6 x 25	5,507	10	200	2.400
• TB06030	6 x 30	6,110	10	200	2.400
• TB06035	6 x 35	7,010	10	200	2.400
• TB06040	6 x 40	7,540	10	200	2.400
• TB06045	6 x 45	8,247	10	200	2.400
• TB06050	6 x 50	9,017	10	200	2.400
• TB06060	6 x 60	10,630	10	200	1.200
• TB06070	6 x 70	12,233	10	200	1.200
• TB06080	6 x 80	13,400	10	200	1.200
• TB06090	6 x 90	15,783	10	100	1.200
• TB06100	6 x 100	16,537	10	100	1.200
• TB06110	6 x 110	21,797	10	100	1.200
• TB06120	6 x 120	21,857	10	100	800
• TB07030	7 x 30	9,927	12	200	2.400
• TB07040	7 x 40	12,103	12	200	1.600
• TB07050	7 x 50	14,053	12	200	1.200
• TB07060	7 x 60	16,387	12	100	1.200
• TB07070	7 x 70	18,187	12	100	1.200
• TB07080	7 x 80	20,047	12	100	800
• TB07090	7 x 90	20,380	12	100	400
• TB07100	7 x 100	23,043	12	100	600
• TB07120	7 x 120	28,173	12	100	600
• TB08030	8 x 30	11,750	13	200	1.200
• TB08040	8 x 40	13,917	13	200	1.200
• TB08045	8 x 45	14,603	13	200	1.200
• TB08050	8 x 50	16,013	13	200	1.200
• TB08060	8 x 60	18,280	13	200	1.200
• TB08070	8 x 70	20,787	13	200	800
• TB08080	8 x 80	23,197	13	200	800
• TB08090	8 x 90	27,163	13	100	600
• TB08100	8 x 100	29,380	13	100	600
• TB08110	8 x 110	30,253	13	100	600
• TB08120	8 x 120	33,103	13	100	600
• TB08130	8 x 130	36,530	13	100	400

CODE	SIZE	€/100			
• TB08140	8 x 140	38,763	13	100	400
• TB08150	8 x 150	40,820	13	100	400
• TB08160	8 x 160	43,067	13	100	400
• TB08180	8 x 180	56,047	13	100	300
• TB08200	8 x 200	58,863	13	100	300
• TB10040	10 x 40	27,200	17	100	600
• TB10050	10 x 50	28,300	17	100	600
• TB10060	10 x 60	30,863	17	100	600
• TB10070	10 x 70	36,380	17	100	600
• TB10080	10 x 80	39,190	17	100	400
• TB10090	10 x 90	45,407	17	100	400
• TB10100	10 x 100	47,120	17	100	400
• TB10110	10 x 110	51,557	17	50	300
• TB10120	10 x 120	56,830	17	50	300
• TB10130	10 x 130	59,870	17	50	300
• TB10140	10 x 140	71,457	17	50	200
• TB10150	10 x 150	76,467	17	50	200
• TB10160	10 x 160	81,623	17	50	200
• TB10180	10 x 180	89,463	17	50	150
• TB10200	10 x 200	98,407	17	50	150
• TB12060	12 x 60	50,500	19	50	300
• TB12070	12 x 70	53,250	19	50	300
• TB12080	12 x 80	60,573	19	50	300
• TB12090	12 x 90	64,553	19	50	300
• TB12100	12 x 100	71,763	19	50	300
• TB12120	12 x 120	87,240	19	50	200
• TB12130	12 x 130	93,713	19	50	100
• TB12140	12 x 140	100,830	19	50	100
• TB12150	12 x 150	104,413	19	50	200
• TB12160	12 x 160	111,570	19	50	200
• TB12180	12 x 180	133,723	19	50	150
• TB12200	12 x 200	152,303	19	50	150
• TB12220	12 x 220	166,137	19	50	100
• TB12240	12 x 240	178,190	19	50	100
• TB12260	12 x 260	195,343	19	50	100
• TB14100	14 x 100	128,293	22	50	200

• Non-assessed sizes



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



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZTB05030	5 x 30	1,820	4	20
BZTB05040	5 x 40	1,820	4	20
BZTB05050	5 x 50	1,820	4	20
BZTB06030	6 x 30	1,820	4	20
BZTB06040	6 x 40	1,820	4	20
BZTB06050	6 x 50	1,820	4	20
BZTB06060	6 x 60	1,820	4	20
BZTB06070	6 x 70	1,820	4	20
BZTB06080	6 x 80	1,820	4	20
BZTB07050	7 x 50	1,820	4	20
BZTB07060	7 x 60	1,820	4	20
BZTB07070	7 x 70	1,820	4	20
BZTB08040	8 x 40	1,820	4	20
BZTB08050	8 x 50	1,820	4	20
BZTB08060	8 x 60	1,820	4	20
BZTB08070	8 x 70	1,820	4	20
BZTB08080	8 x 80	1,820	4	15
BZTB08090	8 x 90	1,820	2	15
BZTB08100	8 x 100	1,820	2	15
BZTB10050	10 x 50	1,820	2	15
BZTB10060	10 x 60	1,820	2	15
BZTB10080	10 x 80	1,820	2	15



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VTB05040	5 x 40	4,905	50	8
VTB05050	5 x 50	5,767	50	8
VTB06040	6 x 40	6,106	50	8
VTB06050	6 x 50	5,729	40	8
VTB06060	6 x 60	5,016	30	8
VTB07050	7 x 50	5,494	25	8
VTB07060	7 x 60	5,232	20	8
VTB07070	7 x 70	5,655	20	8
VTB07080	7 x 80	5,966	20	8
VTB08050	8 x 50	5,137	20	8
VTB08060	8 x 60	5,868	20	8
VTB08070	8 x 70	6,669	20	8
VTB08080	8 x 80	5,579	15	8
VTB08090	8 x 90	4,249	10	8
VTB08100	8 x 100	4,576	10	8
VTB10070	10 x 70	5,745	10	8
VTB10080	10 x 80	6,092	10	8
VTB10090	10 x 90	7,065	10	8
VTB10100	10 x 100	7,439	10	8

TP

Countersunk head chipboard screw

DIN-571 A2

A2 Stainless steel

STAINLESS
STEEL



CODE	SIZE	€/100			
• TBA206040	6 x 40	32,943	10	100	2.400
• TBA206050	6 x 50	39,190	10	100	1.200
TBA206060	6 x 60	44,567	10	100	1.200
TBA206070	6 x 70	50,387	10	100	1.200
• TBA208050	8 x 50	73,097	13	100	1.200
• TBA208060	8 x 60	80,443	13	100	1.200
• TBA208070	8 x 70	90,893	13	100	600
TBA208080	8 x 80	101,767	13	100	600
• TBA210080	10 x 80	172,213	17	100	400

• Non-assessed sizes

571 TR

Full thread

WOOD



CODE	SIZE	€/100			
TBR06050	6 x 50	10,983	10	200	1.200
TBR06060	6 x 60	12,937	10	200	1.200
TBR06070	6 x 70	14,887	10	200	1.200
TBR08050	8 x 50	19,483	13	200	1.200
TBR08060	8 x 60	22,243	13	200	800
TBR08070	8 x 70	25,287	13	200	800
TBR08080	8 x 80	28,223	13	200	800
TBR10060	10 x 60	37,547	17	100	600
TBR10080	10 x 80	47,683	17	100	400



Hexagonal head bolt 8.8. Full thread

DIN-933

METAL



DIN-933

Zinc-plated

CODE	SIZE	€/100			
D93304008	M4 x 8	4,243	7	500	22.500
D93304010	M4 x 10	4,427	7	500	22.500
D93304012	M4 x 12	4,527	7	500	12.000
D93304016	M4 x 16	4,827	7	500	12.000
D93304020	M4 x 20	5,760	7	500	12.000
D93304025	M4 x 25	6,457	7	500	6.000
D93304030	M4 x 30	7,380	7	500	6.000
D93304035	M4 x 35	7,753	7	250	6.000
D93304040	M4 x 40	9,590	7	250	3.000
D93304045	M4 x 45	11,123	7	250	3.000
D93304050	M4 x 50	12,657	7	250	3.000
D93304060	M4 x 60	16,563	7	250	3.000
D93305010	M5 x 10	5,427	8	500	12.000
D93305012	M5 x 12	5,733	8	500	12.000
D93305016	M5 x 16	6,043	8	500	6.000
D93305020	M5 x 20	6,737	8	500	6.000
D93305025	M5 x 25	7,113	8	500	6.000
D93305030	M5 x 30	8,560	8	500	6.000
D93305035	M5 x 35	9,240	8	250	3.000
D93305040	M5 x 40	9,970	8	250	3.000
D93305045	M5 x 45	10,567	8	250	3.000
D93305050	M5 x 50	11,433	8	250	3.000
D93305060	M5 x 60	12,880	8	250	1.500
D93305070	M5 x 70	14,200	8	250	3.000
D93306010	M6 x 10	6,637	10	250	6.000
D93306012	M6 x 12	7,290	10	250	6.000
D93306016	M6 x 16	7,823	10	250	6.000
D93306020	M6 x 20	8,987	10	250	3.000
D93306025	M6 x 25	9,877	10	250	3.000
D93306030	M6 x 30	11,377	10	250	3.000
D93306035	M6 x 35	12,833	10	250	3.000
D93306040	M6 x 40	14,300	10	250	3.000
D93306045	M6 x 45	15,757	10	250	1.500
D93306050	M6 x 50	17,190	10	250	1.500
D93306060	M6 x 60	20,110	10	100	1.200
D93306065	M6 x 65	21,250	10	100	600
D93306070	M6 x 70	23,810	10	100	1.200
D93308016	M8 x 16	16,000	13	200	2.400
D93308020	M8 x 20	17,653	13	200	1.600
D93308025	M8 x 25	20,447	13	200	1.600
D93308030	M8 x 30	23,613	13	200	1.200
D93308035	M8 x 35	24,573	13	200	1.200
D93308040	M8 x 40	23,150	13	200	1.200
D93308045	M8 x 45	26,873	13	200	1.200
D93308050	M8 x 50	29,343	13	200	800
D93308060	M8 x 60	35,230	13	200	800
D93308070	M8 x 70	44,510	13	200	800
D93308080	M8 x 80	57,713	13	100	600
D93308090	M8 x 90	72,587	13	100	600
D93308100	M8 x 100	79,800	13	100	400
D93308110	M8 x 110	155,517	13	100	400
D93308120	M8 x 120	156,480	13	100	400
D93310016	M10 x 16	30,080	17	200	1.200
D93310020	M10 x 20	30,427	17	200	1.200
D93310025	M10 x 25	35,360	17	200	1.200
D93310030	M10 x 30	40,060	17	200	800
D93310035	M10 x 35	42,810	17	200	1.200
D93310040	M10 x 40	44,110	17	200	800
D93310045	M10 x 45	49,897	17	200	800
D93310050	M10 x 50	53,173	17	200	800
D93310060	M10 x 60	59,230	17	100	600
D93310070	M10 x 70	67,337	17	100	400
D93310080	M10 x 80	78,417	17	100	400
D93310090	M10 x 90	105,270	17	50	300

CODE	SIZE	€/100			
D93310100	M10 x 100	115,800	17	50	300
D93312020	M12 x 20	47,577	19	100	1.200
D93312025	M12 x 25	49,013	19	100	600
D93312030	M12 x 30	53,997	19	100	600
D93312035	M12 x 35	60,640	19	100	600
D93312040	M12 x 40	64,323	19	100	600
D93312045	M12 x 45	73,980	19	100	600
D93312050	M12 x 50	76,330	19	100	400
D93312060	M12 x 60	82,647	19	100	400
D93312070	M12 x 70	99,870	19	100	400
D93312080	M12 x 80	122,733	19	50	300
D93312090	M12 x 90	151,483	19	50	300
D93312100	M12 x 100	171,197	19	25	300
D93312110	M12 x 110	205,023	19	25	300
D93312120	M12 x 120	221,763	19	25	300
D93314030	M14 x 30	99,547	22	50	400
D93314035	M14 x 35	106,413	22	50	300
D93314040	M14 x 40	113,883	22	50	300
D93314045	M14 x 45	126,037	22	50	300
D93314050	M14 x 50	136,573	22	50	300
D93314060	M14 x 60	153,897	22	50	300
D93314070	M14 x 70	173,743	22	50	300
D93314080	M14 x 80	189,140	22	25	150
D93314090	M14 x 90	184,803	22	25	150
D93314100	M14 x 100	207,813	22	25	150
D93314110	M14 x 110	241,240	22	25	150
D93314120	M14 x 120	275,027	22	25	150
D93316030	M16 x 30	118,870	24	50	300
D93316035	M16 x 35	125,263	24	50	300
D93316040	M16 x 40	129,150	24	50	300
D93316045	M16 x 45	167,427	24	50	300
D93316050	M16 x 50	167,930	24	50	300
D93316060	M16 x 60	169,953	24	50	200
D93316070	M16 x 70	221,223	24	25	150
D93316080	M16 x 80	241,600	24	25	150
D93316090	M16 x 90	256,983	24	25	150
D93316100	M16 x 100	262,900	24	25	150
D93316110	M16 x 110	367,873	24	25	150
D93316120	M16 x 120	387,117	24	25	150
D93318030	M18 x 30	216,437	27	25	150
D93318035	M18 x 35	223,090	27	25	300
D93318040	M18 x 40	235,460	27	25	300
D93318045	M18 x 45	244,827	27	25	300
D93318050	M18 x 50	254,663	27	25	150
D93318060	M18 x 60	281,383	27	25	150
D93318070	M18 x 70	339,837	27	25	150
D93318080	M18 x 80	365,717	27	25	150
D93318090	M18 x 90	476,770	27	25	150
D93318100	M18 x 100	535,213	27	25	150
D93318110	M18 x 110	601,423	27	25	100
D93318120	M18 x 120	667,587	27	25	100
D93320030	M20 x 30	220,283	30	25	150
D93320035	M20 x 35	227,127	30	25	150
D93320040	M20 x 40	279,093	30	25	150
D93320045	M20 x 45	253,583	30	25	150
D93320050	M20 x 50	260,847	30	25	150
D93320060	M20 x 60	320,830	30	25	150
D93320070	M20 x 70	355,060	30	25	100
D93320080	M20 x 80	389,610	30	10	120
D93320090	M20 x 90	476,770	30	10	60
D93320100	M20 x 100	537,380	30	10	60
D93320110	M20 x 110	740,817	30	10	60
D93320120	M20 x 120	773,163	30	10	60



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

DIN-933

Hexagonal head bolt 8.8. Full thread

DIN-933 A2

A2 Stainless steel

STAINLESS
STEEL



CODE	SIZE	€/100			
D933IM04010	M4 x 10	10,247	7	500	12.000
D933IM04016	M4 x 16	12,270	7	500	12.000
D933IM04020	M4 x 20	14,120	7	500	8.000
D933IM04025	M4 x 25	15,227	7	500	8.000
D933IM04030	M4 x 30	17,443	7	500	6.000
D933IM04035	M4 x 35	21,410	7	250	6.000
D933IM04040	M4 x 40	23,807	7	250	6.000
D933IM05010	M5 x 10	10,703	8	500	8.000
D933IM05016	M5 x 16	12,550	8	500	-
D933IM05020	M5 x 20	14,210	8	500	6.000
D933IM05025	M5 x 25	16,333	8	500	4.000
D933IM05030	M5 x 30	18,917	8	500	4.000
D933IM05035	M5 x 35	20,950	8	250	3.000
D933IM05040	M5 x 40	23,530	8	250	3.000
D933IM05050	M5 x 50	28,793	8	250	3.000
D933IM06010	M6 x 10	17,957	10	250	6.000
D933IM06016	M6 x 16	19,027	10	250	4.000
D933IM06020	M6 x 20	22,040	10	250	4.000
D933IM06025	M6 x 25	22,900	10	250	3.000
D933IM06030	M6 x 30	26,607	10	250	3.000
D933IM06035	M6 x 35	30,083	10	250	2.000
D933IM06040	M6 x 40	33,253	10	250	2.000
D933IM06050	M6 x 50	39,467	10	250	1.500
D933IM08016	M8 x 16	35,107	13	200	1.600
D933IM08020	M8 x 20	38,053	13	200	1.600
D933IM08025	M8 x 25	42,957	13	200	1.600
D933IM08030	M8 x 30	47,760	13	200	1.200
D933IM08035	M8 x 35	52,550	13	200	1.200
D933IM08040	M8 x 40	58,007	13	200	1.200
D933IM08050	M8 x 50	69,797	13	200	800
D933IM08060	M8 x 60	79,660	13	200	800
D933IM08070	M8 x 70	95,460	13	200	800
D933IM08080	M8 x 80	109,107	13	100	600
D933IM08090	M8 x 90	120,883	13	100	600
D933IM08100	M8 x 100	135,633	13	100	600
D933IM10020	M10 x 20	71,523	17	200	800
D933IM10025	M10 x 25	75,013	17	200	800
D933IM10030	M10 x 30	82,200	17	200	800
D933IM10035	M10 x 35	89,617	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	94,637	17	200	-
D933IM10050	M10 x 50	112,740	17	200	-
D933IM10060	M10 x 60	129,103	17	100	600
D933IM10070	M10 x 70	145,627	17	100	400
D933IM10080	M10 x 80	171,350	17	100	400
D933IM10090	M10 x 90	193,050	17	50	300
D933IM10100	M10 x 100	217,823	17	50	300
D933IM12020	M12 x 20	117,413	19	100	600
D933IM12030	M12 x 30	122,127	19	100	600
D933IM12040	M12 x 40	137,637	19	100	400
D933IM12050	M12 x 50	158,837	19	100	400
D933IM12060	M12 x 60	181,040	19	100	400
D933IM12070	M12 x 70	203,477	19	100	-
D933IM12080	M12 x 80	254,237	19	50	300
D933IM12090	M12 x 90	278,347	19	50	300
D933IM12100	M12 x 100	302,463	19	25	150
D933IM14030	M14 x 30	230,133	22	50	300
D933IM14040	M14 x 40	252,050	22	50	300
D933IM14050	M14 x 50	287,120	22	50	300
D933IM14060	M14 x 60	326,570	22	50	200
D933IM14070	M14 x 70	363,830	22	50	200
D933IM14080	M14 x 80	390,803	22	25	150
D933IM14100	M14 x 100	536,020	22	25	150
D933IM16030	M16 x 30	254,127	24	50	300
D933IM16040	M16 x 40	263,850	24	50	200
D933IM16050	M16 x 50	300,910	24	50	200
D933IM16060	M16 x 60	342,337	24	50	200
D933IM16070	M16 x 70	381,587	24	25	150
D933IM16080	M16 x 80	423,013	24	25	150
D933IM16090	M16 x 90	499,193	24	25	150
D933IM16100	M16 x 100	540,750	24	25	100
D933IM18030	M18 x 30	508,053	27	25	100
D933IM18040	M18 x 40	537,343	27	25	200
D933IM18050	M18 x 50	586,980	27	25	150
D933IM18060	M18 x 60	656,030	27	25	150
D933IM18070	M18 x 70	729,387	27	25	100
D933IM18080	M18 x 80	798,460	27	25	100
D933IM18090	M18 x 90	867,520	27	25	100
D933IM18100	M18 x 100	936,573	27	25	100

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ3I04010	M4 x 10	2,302	6	20
BZ3I04016	M4 x 16	2,302	6	20
BZ3I04020	M4 x 20	2,302	6	20
BZ3I04030	M4 x 30	2,302	6	20
BZ3I04040	M4 x 40	2,302	6	20
BZ3I05010	M5 x 10	2,302	6	20
BZ3I05016	M5 x 16	2,302	6	20
BZ3I05020	M5 x 20	2,302	6	20
BZ3I05030	M5 x 30	2,302	6	20
BZ3I05040	M5 x 40	2,302	6	20
BZ3I05050	M5 x 50	2,302	6	20
BZ3I06016	M6 x 16	2,302	6	20
BZ3I06020	M6 x 20	2,302	6	20
BZ3I06025	M6 x 25	2,302	6	20
BZ3I06030	M6 x 30	2,302	6	20
BZ3I06040	M6 x 40	2,302	6	20
BZ3I06050	M6 x 50	2,302	6	20
BZ3I08016	M8 x 16	2,302	4	20
BZ3I08020	M8 x 20	2,302	4	20
BZ3I08025	M8 x 25	2,302	4	20
BZ3I08030	M8 x 30	2,302	4	20
BZ3I08040	M8 x 40	2,302	4	20
BZ3I08050	M8 x 50	2,302	4	20
BZ3I08060	M8 x 60	2,302	4	20
BZ3I10020	M10 x 20	2,302	2	20
BZ3I10030	M10 x 30	2,302	2	20
BZ3I10040	M10 x 40	2,302	2	20

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD933I04010	M4 x 10	5,617	40	8
VD933I04016	M4 x 16	6,729	40	8
VD933I04020	M4 x 20	7,460	40	8
VD933I04030	M4 x 30	7,175	30	8
VD933I04040	M4 x 40	7,859	25	8
VD933I05010	M5 x 10	5,874	40	8
VD933I05016	M5 x 16	6,885	40	8
VD933I05020	M5 x 20	7,797	40	8
VD933I05030	M5 x 30	5,187	20	8
VD933I05040	M5 x 40	6,453	20	8
VD933I05050	M5 x 50	4,145	10	8
VD933I06010	M6 x 10	7,388	30	8
VD933I06016	M6 x 16	7,536	30	8
VD933I06020	M6 x 20	8,733	30	8
VD933I06025	M6 x 25	7,559	25	8
VD933I06030	M6 x 30	8,785	25	8
VD933I06040	M6 x 40	6,843	15	8
VD933I06050	M6 x 50	5,412	10	8
VD933I08016	M8 x 16	9,630	20	8
VD933I08020	M8 x 20	10,434	20	8
VD933I08025	M8 x 25	11,780	20	8
VD933I08030	M8 x 30	9,826	15	8
VD933I08040	M8 x 40	7,954	10	8
VD933I08050	M8 x 50	9,569	10	8
VD933I08060	M8 x 60	10,925	10	8
VD933I10020	M10 x 20	9,807	10	8
VD933I10030	M10 x 30	11,274	10	8

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD933I10040	M10 x 40	12,977	10	8
VD933I10050	M10 x 50	15,459	10	8
VD933I10060	M10 x 60	17,701	10	8



Hexagonal nut

DIN-934

METAL



DIN-934

Zinc-plated

CODE	SIZE	€/100	INSTALLATION KEY		
D93403	M3	1,430	5,5	500	22.500
D93404	M4	1,480	7	1.000	45.000
D93405	M5	1,920	8	500	12.000
D93406	M6	3,010	10	500	12.000
D93408	M8	5,380	13	250	6.000
D93410	M10	12,843	17	250	3.000
D93412	M12	20,297	19	250	1.500
D93414	M14	27,077	22	100	1.200
D93416	M16	40,280	24	100	600
D93418	M18	57,497	27	100	600
D93420	M20	66,997	30	50	600
D93422	M22	107,457	32	50	300
D93424	M24	150,750	36	25	300
D93427	M27	260,233	41	25	150
D93430	M30	345,570	46	25	150
D93433	M33	492,517	50	10	120
D93436	M36	522,760	55	10	60



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ934ZM03	M3	1,820	40	20
BZ934ZM04	M4	1,820	40	20
BZ934ZM05	M5	1,820	40	20
BZ934ZM06	M6	1,820	20	20
BZ934ZM08	M8	1,820	10	20
BZ934ZM10	M10	1,820	10	15
BZ934ZM12	M12	1,820	6	15



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD93403	M3	3,337	150	8
VD93404	M4	3,337	150	8
VD93405	M5	2,904	100	8
VD93406	M6	4,154	100	8
VD93408	M8	3,708	50	8
VD93410	M10	5,330	30	8
VD93412	M12	5,612	20	8



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

STAINLESS
STEEL

DIN-934 A2

A2 Stainless steel

CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	4,563	7	500	22.500
D934IM05	M5	5,273	8	500	12.000
D934IM06	M6	8,707	10	500	12.000
D934IM08	M8	17,653	13	250	4.000
D934IM10	M10	39,383	17	250	2.000
D934IM12	M12	57,743	19	250	1.500
D934IM14	M14	82,997	22	100	800
D934IM16	M16	116,470	24	100	600
D934IM18	M18	185,243	27	100	600
D934IM20	M20	243,233	30	50	400
D934IM22	M22	336,203	32	50	300
D934IM24	M24	437,060	36	25	200



Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ934IM04	M4	2,302	10	20
BZ934IM05	M5	2,302	8	20
BZ934IM06	M6	2,302	8	20
BZ934IM08	M8	2,302	6	20
BZ934IM10	M10	2,302	5	15



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD934IM04	M4	3,090	50	8
VD934IM05	M5	3,575	50	8
VD934IM06	M6	5,308	50	8
VD934IM08	M8	6,457	30	8
VD934IM10	M10	9,605	20	8



DIN-985

Nylon insert nut

DIN-985

Zinc-plated



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

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
DZ98503	M3	2,650	5,5	500	22.500
DZ98504	M4	2,773	7	500	12.000
DZ98505	M5	2,973	8	500	12.000
DZ98506	M6	4,140	10	500	12.000
DZ98508	M8	7,397	13	250	6.000
DZ98510	M10	16,373	17	250	2.000
DZ98512	M12	25,780	19	100	1.200
DZ98514	M14	41,183	22	100	1.200
DZ98516	M16	50,193	24	50	600
DZ98518	M18	83,050	27	50	600
DZ98520	M20	104,407	30	25	300
DZ98522	M22	169,533	32	25	300
DZ98524	M24	206,053	36	25	300
DZ98527	M27	407,950	41	15	180
DZ98530	M30	690,217	46	15	90

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZZ98503	M3	1,820	20	20
BZZ98504	M4	1,820	20	20
BZZ98505	M5	1,820	20	20
BZZ98506	M6	1,820	10	20
BZZ98508	M8	1,820	5	20
BZZ98510	M10	1,820	5	15
BZZ98512	M12	1,820	3	15

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VDZ98503	M3	4,180	100	8
VDZ98504	M4	4,180	100	8
VDZ98505	M5	4,363	100	8
VDZ98506	M6	5,032	80	8
VDZ98508	M8	4,994	50	8
VDZ98510	M10	5,574	25	8
VDZ98512	M12	5,583	15	8

DIN-985 A2

A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	8,450	7	500	22.500
D985IM05	M5	9,097	8	500	8.000
D985IM06	M6	12,853	10	500	8.000
D985IM08	M8	25,340	13	250	4.000
D985IM10	M10	53,960	17	250	2.000
D985IM12	M12	83,880	19	100	1.200
D985IM14	M14	149,947	22	100	800
D985IM16	M16	181,737	24	50	600
D985IM18	M18	415,913	27	50	400
D985IM20	M20	533,417	30	25	300
D985IM22	M22	1.207,343	32	25	300
D985IM24	M24	1.627,850	36	25	150

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ985IM04	M4	2,302	10	20
BZ985IM05	M5	2,302	8	20
BZ985IM06	M6	2,302	8	20
BZ985IM08	M8	2,302	6	20
BZ985IM10	M10	2,302	5	15

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD985IM04	M4	5,149	50	8
VD985IM05	M5	5,548	50	8
VD985IM06	M6	7,838	50	8
VD985IM08	M8	9,269	30	8
VD985IM10	M10	13,160	20	8

Hexagonal flange nut with serration

DIN-6923

METAL



DIN-6923

Zinc-plated

CODE	SIZE	€/100	INSTALLATION KEY		
D692304	M4	2,697	7	500	15.000
D692305	M5	3,327	8	500	12.000
D692306	M6	5,037	10	500	8.000
D692308	M8	9,803	13	250	3.000
D692310	M10	16,003	15	250	2.000
D692312	M12	25,380	18	250	1.000
D692314	M14	44,383	21	100	600
D692316	M16	55,783	24	100	400



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

METAL



DIN-6923 A2

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

CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	24,660	13	250	3.000
D6923IM10	M10	47,753	15	250	3.000
D6923IM12	M12	70,740	18	250	1.500



DIN-125

Plain washer

DIN-125

Zinc-plated

METAL



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

CODE	SIZE	€/100		
D12503	M3	0,733	1.000	45.000
D12504	M4	0,923	1.000	45.000
D12505	M5	1,103	1.000	45.000
D12506	M6	1,960	500	22.500
D12508	M8	3,153	250	11.250
D12510	M10	5,437	250	6.000
D12512	M12	9,623	250	3.000
D12514	M14	13,237	200	2.400
D12516	M16	17,240	100	2.400
D12518	M18	21,747	100	2.400
D12520	M20	25,530	50	1.200
D12522	M22	43,573	50	1.200
D12524	M24	59,617	50	600
D12527	M27	81,093	50	600
D12530	M30	107,907	50	300
D12533	M33	174,573	50	300
D12536	M36	237,957	25	300



Blister

CODE	SIZE	€/BAG	PCS 	BAGS 
BZ125ZM03	M3	1,820	40	20
BZ125ZM04	M4	1,820	40	20
BZ125ZM05	M5	1,820	40	20
BZ125ZM06	M6	1,820	20	20
BZ125ZM08	M8	1,820	10	20
BZ125ZM10	M10	1,820	10	20
BZ125ZM12	M12	1,820	6	20



Window box

CODE	SIZE	€/BOX	PCS 	BOXES 
VD12503	M3	3,575	200	8
VD12504	M4	3,575	200	8
VD12505	M5	3,268	150	8
VD12506	M6	3,873	100	8
VD12508	M8	4,472	75	8
VD12510	M10	8,281	75	8
VD12512	M12	9,757	50	8

DIN-125 A2

A2 Stainless steel

STAINLESS
STEEL



CODE	SIZE	€/100		
D125IM04	M4	1,453	500	22.500
D125IM05	M5	1,917	500	22.500
D125IM06	M6	3,480	500	22.500
D125IM08	M8	5,967	250	11.250
D125IM10	M10	11,397	250	6.000
D125IM12	M12	20,273	250	3.000
D125IM14	M14	31,777	200	2.400
D125IM16	M16	35,087	100	2.400
D125IM18	M18	52,030	100	1.600
D125IM20	M20	55,253	50	1.200
D125IM22	M22	65,523	50	1.200
D125IM24	M24	114,640	50	600



Blister

CODE	SIZE	€/BAG	PCS 	BAGS 
BZ125IM04	M4	2,302	10	20
BZ125IM05	M5	2,302	8	20
BZ125IM06	M6	2,302	8	20
BZ125IM08	M8	2,302	6	20
BZ125IM10	M10	2,302	5	20



Window box

CODE	SIZE	€/BOX	PCS 	BOXES 
VD125IM04	M4	3,059	100	8
VD125IM05	M5	3,069	75	8
VD125IM06	M6	3,879	75	8
VD125IM08	M8	4,044	50	8
VD125IM10	M10	6,742	50	8



Wide plain washer

DIN-9021

METAL



DIN-9021

Zinc-plated

CODE	SIZE	€/100		
D902103	M3	1,577	500	22.500
D902104	M4	1,833	500	12.000
D902106	M6	3,430	500	12.000
D902105	M5	2,003	500	12.000
D902108	M8	8,033	200	4.800
D902110	M10	15,140	100	2.400
D902112	M12	27,467	100	1.200
D902114	M14	41,127	100	800
D902116	M16	47,337	50	600
D902118	M18	93,900	50	600
D902120	M20	99,200	25	300
D902122	M22	247,037	25	300
D902124	M24	268,127	25	150



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZ902103	M3	1,820	20	20
BZ902104	M4	1,820	20	20
BZ902105	M5	1,820	20	20
BZ902106	M6	1,820	10	20
BZ902108	M8	1,820	5	20
BZ902110	M10	1,820	5	20
BZ902112	M12	1,820	4	20



Window box

CODE	SIZE	€/BOX	PCS 	BOXES
VD902103	M3	3,442	125	8
VD902104	M4	3,442	125	8
VD902105	M5	3,810	125	8
VD902106	M6	4,458	100	8
VD902108	M8	5,016	50	8
VD902110	M10	5,532	30	8
VD902112	M12	4,994	15	8



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

STAINLESS
STEEL

DIN-9021 A2

A2 Stainless steel

CODE	SIZE	€/100		
D9021IM04	M4	2,613	500	22.500
D9021IM05	M5	4,777	500	12.000
D9021IM06	M6	8,660	500	8.000
D9021IM08	M8	17,073	200	4.800
D9021IM10	M10	38,633	100	1.600
D9021IM12	M12	66,627	100	800
D9021IM14	M14	143,743	100	800
D9021IM16	M16	145,503	50	600
D9021IM18	M18	260,537	50	400
D9021IM20	M20	292,100	25	300
D9021IM22	M22	300,917	25	200
D9021IM24	M24	346,050	25	150



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZ9021IM04	M4	2,302	10	20
BZ9021IM05	M5	2,302	8	20
BZ9021IM06	M6	2,302	8	20
BZ9021IM08	M8	2,302	6	20
BZ9021IM10	M10	2,302	5	20



Window box

CODE	SIZE	€/BOX	PCS 	BOXES
VD9021IM04	M4	3,313	100	8
VD9021IM05	M5	4,088	75	8
VD9021IM06	M6	7,407	75	8
VD9021IM08	M8	7,787	40	8
VD9021IM10	M10	8,809	20	8



PU

Bits

PU-PH

PH



METAL

CODE	SIZE	€/100	LENGTH			
PUPHC01	PH1	80,730	25	PH1	25	1.125
PUPHC02	PH2	80,730	25	PH2	25	1.125
PUPHC03	PH3	80,730	25	PH3	25	1.125
PUPHL01	PH1	129,497	50	PH1	25	1.125
PUPHL02	PH2	129,497	50	PH2	25	1.125
PUPHL03	PH3	129,497	50	PH3	25	1.125

 Blister

CODE	SIZE	€/BAG	PCS 	BAGS 
BZPUPHCL01	PH1	3,071	4	20
BZPUPHCL02	PH2	3,071	4	20
BZPUPHCL03	PH3	3,071	4	20

PU-TO

TX



METAL

CODE	SIZE	€/100	LENGTH			
PUT0010	T10	90,950	25	TX10	25	1.125
PUT0015	T15	90,950	25	TX15	25	1.125
PUT0020	T20	90,950	25	TX20	25	1.125
PUT0025	T25	90,950	25	TX25	25	1.125
PUT0030	T30	90,950	25	TX30	25	1.125
PUT0040	T40	90,950	25	TX40	25	1.125

 Blister

CODE	SIZE	€/BAG	PCS 	BAGS 
BZPUTOT01	T10+T20	3,071	2	20
BZPUTOT02	T30+T40	3,071	2	20



Bits

PUPU

METAL

PU-OX

OXBIT

CODE	SIZE	€/100	LENGTH			
PUOXBITC10	OXB-10	113,690	25	OXB-10	25	1.125
PUOXBITC15	OXB-15	113,690	25	OXB-15	25	1.125
PUOXBITC20	OXB-20	113,690	25	OXB-20	25	1.125
PUOXBITC25	OXB-25	113,690	25	OXB-25	25	1.125
PUOXBITC30	OXB-30	113,690	25	OXB-30	25	1.125
PUOXBITC40	OXB-40	113,690	25	OXB-40	25	1.125
PUOXBITL10	OXB-10	194,700	50	OXB-10	25	1.125
PUOXBITL15	OXB-15	194,700	50	OXB-15	25	1.125
PUOXBITL20	OXB-20	194,700	50	OXB-20	25	1.125
PUOXBITL25	OXB-25	194,700	50	OXB-25	25	1.125
PUOXBITL30	OXB-30	194,700	50	OXB-30	25	1.125
PUOXBITL40	OXB-40	194,700	50	OXB-40	25	1.125



CHARACTERISTICS

Fits perfectly on the screw:

Guaranteeing that the screw is completely fixed to the bit, allowing for an ergonomic installation in any position and improving the screw guide.

Optimum transmission of force:

Ensuring the perfect fit in the mortise, increasing the tightening surface and optimising the tightening torque transmission.

Anti Cam-Out:

The OXBIT bits reduce the "Cam-Out" effect, which is especially high in machinery works and which can cause the bit to slide out of the screw mortises. This increases the useful life of the bits and the mortises.

Ideal for high performance applications:

Especially designed to guarantee transmission in works with high torque values as it withstands high speeds and the torque of impact drivers.

Less effort:

It increases transmission of the torque, allowing for installation with less effort, even with elevated torques.

Increases the bit's useful life:

Thanks to the design of the OXBIT bits and their perfect fitting with the mortises, it is possible to extend both the useful life of the bits and the mortises.

METAL

PU-PO

PZ

CODE	SIZE	€/100	LENGTH			
PUPOC01	PZ1	80,730	25	PZ1	25	1.125
PUPOC02	PZ2	80,730	25	PZ2	25	1.125
PUPOC03	PZ3	80,730	25	PZ3	25	1.125
PUPOL01	PZ1	129,497	50	PZ1	25	1.125
PUPOL02	PZ2	129,497	50	PZ2	25	1.125
PUPOL03	PZ3	129,497	50	PZ3	25	1.125



Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZPUPOCL01	PZ1	3,071	4	20
BZPUPOCL02	PZ2	3,071	4	20
BZPUPOCL03	PZ3	3,071	4	20



METAL

PU-CU

Square

CODE	SIZE	€/100	LENGTH			
PUCUC01	PC1	80,730	25	PC1	25	1.125
PUCUC02	PC2	80,730	25	PC2	25	1.125
PUCUC03	PC3	80,730	25	PC3	25	1.125
PUCUL01	PC1	129,497	50	PC1	25	1.125
PUCUL02	PC2	129,497	50	PC2	25	1.125
PUCUL03	PC3	129,497	50	PC3	25	1.125



BOCA

Magnetic hexagonal nut setter

METAL



CODE	SIZE	€/100	LENGTH	INSTALLATION KEY		
BOCA006	6 mm.	527,297	65	1/4"	5	225
BOCA007	7 mm.	527,297	65	1/4"	5	225
BOCA008	8 mm.	527,297	65	1/4"	5	225
BOCA010	10 mm.	527,297	65	1/4"	5	225
BOCA013	NEW 13 mm.	527,297	65	1/4"	5	225
BOCA055	NEW 5,5 mm.	527,297	65	1/4"	5	225

 Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZBOCA008	8 mm.	4,146	1	20
BZBOCA010	10 mm.	4,146	1	20

PU-PM

1/4' magnetic bit holder

METAL



CODE	SIZE	€/100	LENGTH		
PUPM014	1/4" x 60	593,220	65	5	225



STAINLESS RANGE



INOX

MTH

Through bolt anchor for heavy loads in uncracked concrete

MTH-A4

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



Also available with DIN 9021 washer. Ask for price and delivery time



Setting tool

02 Technical info P. 284

STAINLESS STEEL



CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	189,463	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	206,410	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	219,837	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	228,390	4	A	100	800
MIA408075	M8 x 75 Ø8	242,537	5	C	100	600
MIA408090	M8 x 90 Ø8	270,643	20	E	100	600
MIA408115	M8 x 115 Ø8	355,543	45	G	100	400
MIA410070	M10 x 70 Ø10	397,217	3	C	100	400
MIA410090	M10 x 90 Ø10	450,223	10	E	100	400
MIA410120	M10 x 120 Ø10	547,293	40	G	50	300
MIA410150	M10 x 150 Ø10	776,167	70	I	50	200
• MIA412075	M12 x 75 Ø12	594,010	5	C	50	300
MIA412090	M12 x 90 Ø12	598,210	13	D	50	200
MIA412110	M12 x 110 Ø12	654,380	18	F	50	200
MIA412140	M12 x 140 Ø12	784,697	48	I	50	200
• MIA416090	M16 x 90 Ø16	1.419,293	4	D	25	150
MIA416145	M16 x 145 Ø16	1.752,783	23	I	25	100
MIA416170	M16 x 170 Ø16	2.024,060	48	K	25	75
• MIA420120	M20 x 120 Ø20	2.352,847	5	G	20	40
MIA420170	M20 x 170 Ø20	3.216,250	23	K	20	40
MIA420220	M20 x 220 Ø20	4.003,917	73	O	20	40

• Non-assessed sizes
• Non-assessed sizes for Fire Resist



Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMIA408075	M8 x 75 Ø8	32,804	10	8
VMIA410090	M10 x 90 Ø10	44,894	8	8
VMIA412110	M12 x 110 Ø12	51,364	6	8



Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMIA408075	M8 x 75 Ø8	35,510	12	7
LSMIA410090	M10 x 90 Ø10	46,358	8	7
LSMIA412110	M12 x 110 Ø12	50,468	6	5

Through bolt anchor for heavy loads in uncracked concrete

MTH

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info

STAINLESS
STEEL



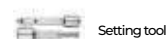
MTH-A2

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

CODE	SIZE	€/100	THICKNESS MAX. FIXTURE	AXIS LETTER (LENGTH)		
• MI06045	M6 x 45 Ø6	151,313	1	A	200	1.200
• MI06060	M6 x 60 Ø6	169,690	2	B	200	1.200
• MI06080	M6 x 80 Ø6	177,483	22	D	200	1.200
• MI06120	M6 x 120 Ø6	212,287	62	G	100	600
• MI06140	M6 x 140 Ø6	268,680	82	I	100	600
• MI06160	M6 x 160 Ø6	300,950	102	J	100	400
• MI06170	M6 x 170 Ø6	338,007	112	K	100	400
• MI06180	M6 x 180 Ø6	366,523	122	L	100	300
• MI08050	M8 x 75 Ø8	183,510	4	A	100	800
MI08075	M8 x 75 Ø8	201,007	5	C	100	600
MI08090	M8 x 90 Ø8	228,747	20	E	100	600
MI08115	M8 x 115 Ø8	295,897	45	G	100	400
MI10070	M10 x 70 Ø10	311,020	3	C	100	400
MI10090	M10 x 90 Ø10	348,143	10	E	100	400
MI10120	M10 x 120 Ø10	408,060	40	G	50	300
MI10150	M10 x 150 Ø10	571,310	70	I	50	200
• MI12075	M12 x 75 Ø12	471,593	5	C	50	300
MI12090	M12 x 90 Ø12	472,673	13	D	50	200
MI12110	M12 x 110 Ø12	511,580	18	F	50	200
MI12140	M12 x 140 Ø12	641,200	48	I	50	200
• MI16090	M16 x 90 Ø16	1.145,787	4	D	25	150
MI16145	M16 x 145 Ø16	1.337,527	23	I	25	100
MI16170	M16 x 170 Ø16	1.466,613	48	K	25	75
• MI20120	M20 x 120 Ø20	1.832,660	5	G	20	40
MI20170	M20 x 170 Ø20	2.277,220	23	K	20	40
MI20220	M20 x 220 Ø20	2.941,633	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resist



Setting tool

 Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZMI08075	M8 x 75 Ø8	4,146	2	12
BZMI10090	M10 x 90 Ø10	4,146	2	10

 Window box

CODE	SIZE	€/BOX	PCS	BOXES
VMI08075	M8 x 75 Ø8	29,713	10	8
VMI08090	M8 x 90 Ø8	31,771	10	8
VMI10070	M10 x 70 Ø10	32,829	8	8
VMI10090	M10 x 90 Ø10	36,746	8	8
VMI10120	M10 x 120 Ø10	32,307	6	8
VMI12110	M12 x 110 Ø12	40,078	6	8

 Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSMI08075	M8 x 75 Ø8	29,584	12	7
LSMI08090	M8 x 90 Ø8	33,660	12	7
LSMI10070	M10 x 70 Ø10	36,232	10	6
LSMI10090	M10 x 90 Ø10	36,049	8	6
LSMI10120	M10 x 120 Ø10	38,029	8	6
LSMI12110	M12 x 110 Ø12	39,316	6	6

CH

Anti-spin sleeve anchor, for medium loads

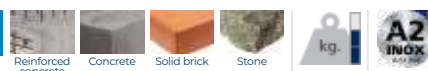
CH-A2

A2 Stainless steel. Opt.7 ETA Assessed



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P. 268

STAINLESS STEEL



CODE	SIZE	€/100		
ACHTA208C	M6 x 45 Ø8	108,443	100	1.200
ACHTA208L	M6 x 60 Ø8	122,510	100	600
• ACHTA209C	M6 x 45 Ø9	122,717	100	1.200
• ACHTA209L	M6 x 60 Ø9	141,740	100	600
ACHTA210C	M8 x 60 Ø10	175,700	100	600
ACHTA210L	M8 x 80 Ø10	202,117	100	400
• ACHTA211C	M8 x 60 Ø11	211,377	100	400
• ACHTA211L	M8 x 80 Ø11	248,997	100	400
ACHTA212C	M10 x 70 Ø12	296,393	100	200
ACHTA212L	M10 x 100 Ø12	362,480	50	200
• ACHTA214C	M10 x 70 Ø14	394,277	100	300
• ACHTA214L	M10 x 100 Ø14	439,770	50	200
ACHTA216C	M12 x 80 Ø16	584,443	50	100
ACHTA216L	M12 x 110 Ø16	739,557	50	100
ACHTA220C	M16 x 110 Ø20	1.518,350	25	75

• Non-assessed sizes

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZACHTA208C	M6 x 45 Ø8	4,146	2	15
BZACHTA208L	M6 x 60 Ø8	4,146	2	15
BZACHTA210C	M8 x 60 Ø10	4,146	2	15
BZACHTA210L	M8 x 80 Ø10	4,146	2	15

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VACHTA208C	M6 x 45 Ø8	12,875	10	8
VACHTA208L	M6 x 60 Ø8	14,969	10	8
VACHTA210C	M8 x 60 Ø10	13,407	6	8
VACHTA210L	M8 x 80 Ø10	15,963	6	8
VACHTA212C	M10 x 70 Ø12	15,045	4	8
VACHTA212L	M10 x 100 Ø12	18,570	4	8

Self-service

CODE	SIZE	€/BAG	PCS	BAGS
LSACHTA208C	M6 x 45 Ø8	13,643	12	6
LSACHTA208L	M6 x 60 Ø8	15,860	12	6
LSACHTA210C	M8 x 60 Ø10	15,781	8	6
LSACHTA210L	M8 x 80 Ø10	18,790	8	6
LSACHTA212C	M10 x 70 Ø12	19,927	6	6
LSACHTA212L	M10 x 100 Ø12	18,215	4	5

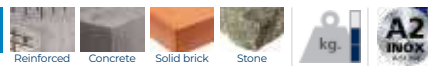
CH-PI

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



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STAINLESS STEEL



CODE	SIZE	€/100		
ACHTPI08C	M6 x 45 Ø8	112,810	4	100
ACHTPI08L	M6 x 60 Ø8	144,447	4	100
ACHTPI10C	M8 x 60 Ø10	212,813	5	100
ACHTPI10L	M8 x 80 Ø10	251,930	5	100
ACHTPI12C	M10 x 70 Ø12	336,513	6	50
ACHTPI12L	M10 x 100 Ø12	397,293	6	50

HE

Drop-in anchor with internal thread for heavy loads

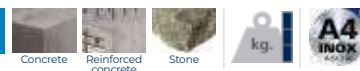
HE-A4

A4 Stainless steel. ETA Assessed for non-structural applications



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STAINLESS STEEL



CODE	SIZE	€/100	LENGTH		
HEA4M06	M6 x 25 Ø8	100,850	25	100	4.000
HEA4M08	M8 x 30 Ø10	143,797	30	100	1.600
HEA4M10	M10 x 40 Ø12	216,100	40	50	800
HEA4M12	M12 x 50 Ø15	430,263	50	50	600
HEA4M16	M16 x 65 Ø20	961,467	65	25	250
HEA4M20	M20 x 80 Ø25	1.756,097	80	25	100

Drop-in anchor with internal thread for heavy loads

HE

02
P.277 Technical info

STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH		
HEC4M06	M6 x 25 Ø8	139,000	25	100	3.200
HEC4M08	M8 x 30 Ø10	199,027	30	100	1.600
HEC4M10	M10 x 40 Ø12	333,597	40	50	800
HEC4M12	M12 x 50 Ø15	599,793	50	50	400

HE-C4

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



Flat bar for fixation

PF

STAINLESS
STEEL



CODE	SIZE	€/100		
PFA4M0800	M8	292,830	100	600
PFA4M0810	M8 + M10	349,020	100	600
PFA4M1000	M10	334,547	100	600

PF-A4

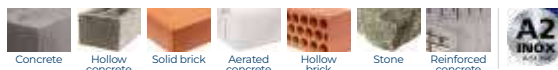
A4 Stainless steel



Stud bolt for chemical anchor, with nut and washer

EQ

CHEMICAL



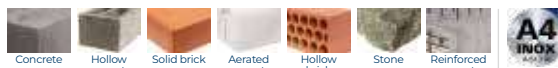
CODE	SIZE	€/100			CODE	SIZE	€/100		
EQA208110	M8 x 110	341,587	10	240	EQA220260	M20 x 260	3.704,930	6	12
EQA210130	M10 x 130	564,510	10	120	EQA224300	M24 x 300	5.920,680	6	12
EQA212160	M12 x 160	935,570	10	120	EQA230330	M30 x 330	10.802,067	6	12
EQA216190	M16 x 190	1.938,470	10	40					

EQ-A2

A2 Stainless steel



CHEMICAL



CODE	SIZE	€/100			CODE	SIZE	€/100		
EQA408110	M8 x 110	340,480	10	240	EQA420260	M20 x 260	5.074,133	6	12
EQA410130	M10 x 130	618,447	10	120	EQA424300	M24 x 300	8.363,180	6	12
EQA412160	M12 x 160	1.063,837	10	120	EQA430330	M30 x 330	14.752,700	6	12
EQA416190	M16 x 190	2.193,730	10	40					

EQ-A4

A4 Stainless steel



T-NUX

Universal high performance nylon plug

T-NUX A A4

A4 Stainless steel. Countersunk head. TX recess. ETA Assessed



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STAINLESS
STEEL



CODE	SIZE	€/100		THICKNESS MAX. FIXTURE		
• TNXA408080	8 x 80 Ø8	274,340	TX30	10	50	600
• TNXA408100	8 x 100 Ø8	330,807	TX30	30	50	600
• TNXA408120	8 x 120 Ø8	408,667	TX30	50	50	300
TNXA410080	10 x 80 Ø10	349,183	TX40	10	50	300
TNXA410100	10 x 100 Ø10	416,913	TX40	30	50	300
TNXA410120	10 x 120 Ø10	485,523	TX40	50	50	300
TNXA410140	10 x 140 Ø10	575,743	TX40	70	50	300

• Non-assessed sizes for Fire Resist

T-NUX E A4

A4 Stainless steel. Hexagonal head. TX recess. ETA Assessed



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Technical
info

STAINLESS
STEEL



CODE	SIZE	€/100	N° RECESS	THICKNESS MAX. FIXTURE		
• TNXE408080	8 x 80 Ø8	385,110	SW10/TX30	10	50	600
• TNXE408100	8 x 100 Ø8	456,453	SW10/TX30	30	50	300
TNXE410080	10 x 80 Ø10	510,813	SW13/TX40	10	50	300
TNXE410100	10 x 100 Ø10	533,470	SW13/TX40	30	50	300
TNXE410120	10 x 120 Ø10	641,233	SW13/TX40	50	50	300
TNXE410140	10 x 140 Ø10	747,997	SW13/TX40	70	50	200

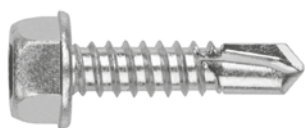
• Non-assessed sizes for Fire Resist

DIN-7504-K

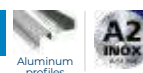
Self-drilling screw with hexagonal head

DIN-7504-K A2

Screw. A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100			
ABEI4213	4,2 x 13	18,020	7	1.000	12.000
ABEI4216	4,2 x 16	20,217	7	1.000	8.000
ABEI4219	4,2 x 19	20,953	7	1.000	8.000
ABEI4813	4,8 x 13	25,490	8	1.000	8.000
ABEI4816	4,8 x 16	24,907	8	500	6.000
ABEI4819	4,8 x 19	26,953	8	500	6.000
ABEI4825	4,8 x 25	30,180	8	500	6.000
ABEI4832	4,8 x 32	35,887	8	500	3.000
ABEI5519	5,5 x 19	37,210	8	500	6.000
ABEI5522	5,5 x 22	39,703	8	500	4.000
ABEI5525	5,5 x 25	42,193	8	500	6.000
ABEI6319	6,3 x 19	56,400	10	500	3.000
ABEI6325	6,3 x 25	64,167	10	500	3.000

Vulcanized EPDM-steel washer

ARVUL

STAINLESS
STEEL



ARVUL A2

A2 Stainless steel

CODE	SIZE	€/100	WASHER INNER Ø		
ARINO14	P14	11,267	2.5	1.000	12.000
ARINO16	P16	12,737	2.7	1.000	6.000
ARINO18	P18	16,030	3.2	1.000	6.000
ARINO25	P25	29,640	3.3	500	3.000
ARINOM30	P30	42,530	6.3	500	1.500



Coach wood screw with hexagonal head

DIN-571

STAINLESS
STEEL



DIN-571 A2

A2 Stainless steel

CODE	SIZE	€/100			
• TBA206040	6 x 40	32,943	10	100	2.400
• TBA206050	6 x 50	39,190	10	100	1.200
TBA206060	6 x 60	44,567	10	100	1.200
TBA206070	6 x 70	50,387	10	100	1.200
• TBA208050	8 x 50	73,097	13	100	1.200
• TBA208060	8 x 60	80,443	13	100	1.200
• TBA208070	8 x 70	90,893	13	100	600
TBA208080	8 x 80	101,767	13	100	600
• TBA210080	10 x 80	172,213	17	100	400

• Non-assessed sizes



DIN-933

Hexagonal head bolt 8.8. Full thread

DIN-933 A2

A2 Stainless steel

STAINLESS
STEEL



CODE	SIZE	€/100			
D933IM04010	M4 x 10	10,247	7	500	12.000
D933IM04016	M4 x 16	12,270	7	500	12.000
D933IM04020	M4 x 20	14,120	7	500	8.000
D933IM04025	M4 x 25	15,227	7	500	8.000
D933IM04030	M4 x 30	17,443	7	500	6.000
D933IM04035	M4 x 35	21,410	7	250	6.000
D933IM04040	M4 x 40	23,807	7	250	6.000
D933IM05010	M5 x 10	10,703	8	500	8.000
D933IM05016	M5 x 16	12,550	8	500	-
D933IM05020	M5 x 20	14,210	8	500	6.000
D933IM05025	M5 x 25	16,333	8	500	4.000
D933IM05030	M5 x 30	18,917	8	500	4.000
D933IM05035	M5 x 35	20,950	8	250	3.000
D933IM05040	M5 x 40	23,530	8	250	3.000
D933IM05050	M5 x 50	28,793	8	250	3.000
D933IM06010	M6 x 10	17,957	10	250	6.000
D933IM06016	M6 x 16	19,027	10	250	4.000
D933IM06020	M6 x 20	22,040	10	250	4.000
D933IM06025	M6 x 25	22,900	10	250	3.000
D933IM06030	M6 x 30	26,607	10	250	3.000
D933IM06035	M6 x 35	30,083	10	250	2.000
D933IM06040	M6 x 40	33,253	10	250	2.000
D933IM06050	M6 x 50	39,467	10	250	1.500
D933IM08016	M8 x 16	35,107	13	200	1.600
D933IM08020	M8 x 20	38,053	13	200	1.600
D933IM08025	M8 x 25	42,957	13	200	1.600
D933IM08030	M8 x 30	47,760	13	200	1.200
D933IM08035	M8 x 35	52,550	13	200	1.200
D933IM08040	M8 x 40	58,007	13	200	1.200
D933IM08050	M8 x 50	69,797	13	200	800
D933IM08060	M8 x 60	79,660	13	200	800
D933IM08070	M8 x 70	95,460	13	200	800
D933IM08080	M8 x 80	109,107	13	100	600
D933IM08090	M8 x 90	120,883	13	100	600
D933IM08100	M8 x 100	135,633	13	100	600
D933IM10020	M10 x 20	71,523	17	200	800
D933IM10025	M10 x 25	75,013	17	200	800
D933IM10030	M10 x 30	82,200	17	200	800
D933IM10035	M10 x 35	89,617	17	200	800

CODE	SIZE	€/100			
D933IM10040	M10 x 40	94,637	17	200	-
D933IM10050	M10 x 50	112,740	17	200	-
D933IM10060	M10 x 60	129,103	17	100	600
D933IM10070	M10 x 70	145,627	17	100	400
D933IM10080	M10 x 80	171,350	17	100	400
D933IM10090	M10 x 90	193,050	17	50	300
D933IM10100	M10 x 100	217,823	17	50	300
D933IM12020	M12 x 20	117,413	19	100	600
D933IM12030	M12 x 30	122,127	19	100	600
D933IM12040	M12 x 40	137,637	19	100	400
D933IM12050	M12 x 50	158,837	19	100	400
D933IM12060	M12 x 60	181,040	19	100	400
D933IM12070	M12 x 70	203,477	19	100	-
D933IM12080	M12 x 80	254,237	19	50	300
D933IM12090	M12 x 90	278,347	19	50	300
D933IM12100	M12 x 100	302,463	19	25	150
D933IM14030	M14 x 30	230,133	22	50	300
D933IM14040	M14 x 40	252,050	22	50	300
D933IM14050	M14 x 50	287,120	22	50	300
D933IM14060	M14 x 60	326,570	22	50	200
D933IM14070	M14 x 70	363,830	22	50	200
D933IM14080	M14 x 80	390,803	22	25	150
D933IM14100	M14 x 100	536,020	22	25	150
D933IM16030	M16 x 30	254,127	24	50	300
D933IM16040	M16 x 40	263,850	24	50	200
D933IM16050	M16 x 50	300,910	24	50	200
D933IM16060	M16 x 60	342,337	24	50	200
D933IM16070	M16 x 70	381,587	24	25	150
D933IM16080	M16 x 80	423,013	24	25	150
D933IM16090	M16 x 90	499,193	24	25	150
D933IM16100	M16 x 100	540,750	24	25	100
D933IM18030	M18 x 30	508,053	27	25	100
D933IM18040	M18 x 40	537,343	27	25	200
D933IM18050	M18 x 50	586,980	27	25	150
D933IM18060	M18 x 60	656,030	27	25	150
D933IM18070	M18 x 70	729,387	27	25	100
D933IM18080	M18 x 80	798,460	27	25	100
D933IM18090	M18 x 90	867,520	27	25	100
D933IM18100	M18 x 100	936,573	27	25	100

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ3I04010	M4 x 10	2,302	6	20
BZ3I04016	M4 x 16	2,302	6	20
BZ3I04020	M4 x 20	2,302	6	20
BZ3I04030	M4 x 30	2,302	6	20
BZ3I04040	M4 x 40	2,302	6	20
BZ3I05010	M5 x 10	2,302	6	20
BZ3I05016	M5 x 16	2,302	6	20
BZ3I05020	M5 x 20	2,302	6	20
BZ3I05030	M5 x 30	2,302	6	20
BZ3I05040	M5 x 40	2,302	6	20
BZ3I05050	M5 x 50	2,302	6	20
BZ3I06016	M6 x 16	2,302	6	20
BZ3I06020	M6 x 20	2,302	6	20
BZ3I06025	M6 x 25	2,302	6	20
BZ3I06030	M6 x 30	2,302	6	20
BZ3I06040	M6 x 40	2,302	6	20
BZ3I06050	M6 x 50	2,302	6	20
BZ3I08016	M8 x 16	2,302	4	20
BZ3I08020	M8 x 20	2,302	4	20
BZ3I08025	M8 x 25	2,302	4	20
BZ3I08030	M8 x 30	2,302	4	20

Blister

CODE	SIZE	€/BAG	PCS	BAGS
BZ3I08040	M8 x 40	2,302	4	20
BZ3I08050	M8 x 50	2,302	4	20
BZ3I08060	M8 x 60	2,302	4	20
BZ3I10020	M10 x 20	2,302	2	20
BZ3I10030	M10 x 30	2,302	2	20
BZ3I10040	M10 x 40	2,302	2	20

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD933I04010	M4 x 10	5,617	40	8
VD933I04016	M4 x 16	6,729	40	8
VD933I04020	M4 x 20	7,460	40	8
VD933I04030	M4 x 30	7,175	30	8
VD933I04040	M4 x 40	7,859	25	8
VD933I05010	M5 x 10	5,874	40	8
VD933I05016	M5 x 16	6,885	40	8
VD933I05020	M5 x 20	7,797	40	8
VD933I05030	M5 x 30	5,187	20	8
VD933I05040	M5 x 40	6,453	20	8
VD933I05050	M5 x 50	4,145	10	8

Window box

CODE	SIZE	€/BOX	PCS	BOXES
VD933I06010	M6 x 10	7,388	30	8
VD933I06016	M6 x 16	7,536	30	8
VD933I06020	M6 x 20	8,733	30	8
VD933I06025	M6 x 25	7,559	25	8
VD933I06030	M6 x 30	8,785	25	8
VD933I06040	M6 x 40	6,843	15	8
VD933I06050	M6 x 50	5,412	10	8
VD933I08016	M8 x 16	9,630	20	8
VD933I08020	M8 x 20	10,434	20	8
VD933I08025	M8 x 25	11,780	20	8
VD933I08030	M8 x 30	9,826	15	8
VD933I08040	M8 x 40	7,954	10	8
VD933I08050	M8 x 50	9,569	10	8
VD933I08060	M8 x 60	10,925	10	8
VD933I10020	M10 x 20	9,807	10	8
VD933I10030	M10 x 30	11,274	10	8
VD933I10040	M10 x 40	12,977	10	8
VD933I10050	M10 x 50	15,459	10	8
VD933I10060	M10 x 60	17,701	10	8

Hexagonal flanged bolt with serration 8.8

DIN-6921

METAL



CODE	SIZE	€/100	INSTALLATION KEY		
6921108020	M8 x 20	50,523	13	200	2.400
6921108050	M8 x 50	80,817	13	100	600
6921108070	M8 x 70	117,303	13	100	600

DIN-6921 A2

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



Round head screw with square neck. Stainless steel A2

DIN-603

METAL



CODE	SIZE	€/100		
D603108016	M8 x 16	42,047	200	2.400



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

Hexagonal nut

DIN-934

STAINLESS
STEEL



DIN-934 A2

A2 Stainless steel

CODE	SIZE	€/100	INSTALLATION KEY		
D934IM04	M4	4,563	7	500	22.500
D934IM05	M5	5,273	8	500	12.000
D934IM06	M6	8,707	10	500	12.000
D934IM08	M8	17,653	13	250	4.000
D934IM10	M10	39,383	17	250	2.000
D934IM12	M12	57,743	19	250	1.500
D934IM14	M14	82,997	22	100	800
D934IM16	M16	116,470	24	100	600
D934IM18	M18	185,243	27	100	600
D934IM20	M20	243,233	30	50	400
D934IM22	M22	336,203	32	50	300
D934IM24	M24	437,060	36	25	200



Blister



Window box

CODE	SIZE	€/BAG	PCS 	BAGS 
BZ934IM04	M4	2,302	10	20
BZ934IM05	M5	2,302	8	20
BZ934IM06	M6	2,302	8	20
BZ934IM08	M8	2,302	6	20
BZ934IM10	M10	2,302	5	15

CODE	SIZE	€/BOX	PCS 	BOXES 
VD934IM04	M4	3,090	50	8
VD934IM05	M5	3,575	50	8
VD934IM06	M6	5,308	50	8
VD934IM08	M8	6,457	30	8
VD934IM10	M10	9,605	20	8

DIN-985

Nylon insert nut

DIN-985 A2

A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
D985IM04	M4	8,450	7	500	22.500
D985IM05	M5	9,097	8	500	8.000
D985IM06	M6	12,853	10	500	8.000
D985IM08	M8	25,340	13	250	4.000
D985IM10	M10	53,960	17	250	2.000
D985IM12	M12	83,880	19	100	1.200
D985IM14	M14	149,947	22	100	800
D985IM16	M16	181,737	24	50	600
D985IM18	M18	415,913	27	50	400
D985IM20	M20	533,417	30	25	300
D985IM22	M22	1.207,343	32	25	300
D985IM24	M24	1.627,850	36	25	150

Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZ985IM04	M4	2,302	10	20
BZ985IM05	M5	2,302	8	20
BZ985IM06	M6	2,302	8	20
BZ985IM08	M8	2,302	6	20
BZ985IM10	M10	2,302	5	15

Window box

CODE	SIZE	€/BOX	PCS 	BOXES
VD985IM04	M4	5,149	50	8
VD985IM05	M5	5,548	50	8
VD985IM06	M6	7,838	50	8
VD985IM08	M8	9,269	30	8
VD985IM10	M10	13,160	20	8

DIN-6923

Hexagonal flange nut with serration

DIN-6923 A2

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



METAL



CODE	SIZE	€/100	INSTALLATION KEY		
D6923IM08	M8	24,660	13	250	3.000
D6923IM10	M10	47,753	15	250	3.000
D6923IM12	M12	70,740	18	250	1.500

DIN-125

Plain washer

DIN-125 A2

A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100		
D125IM04	M4	1,453	500	22.500
D125IM05	M5	1,917	500	22.500
D125IM06	M6	3,480	500	22.500
D125IM08	M8	5,967	250	11.250
D125IM10	M10	11,397	250	6.000
D125IM12	M12	20,273	250	3.000
D125IM14	M14	31,777	200	2.400
D125IM16	M16	35,087	100	2.400
D125IM18	M18	52,030	100	1.600
D125IM20	M20	55,253	50	1.200
D125IM22	M22	65,523	50	1.200
D125IM24	M24	114,640	50	600

Blister

CODE	SIZE	€/BAG	PCS 	BAGS
BZ125IM04	M4	2,302	10	20
BZ125IM05	M5	2,302	8	20
BZ125IM06	M6	2,302	8	20
BZ125IM08	M8	2,302	6	20
BZ125IM10	M10	2,302	5	20

Window box

CODE	SIZE	€/BOX	PCS 	BOXES
VD125IM04	M4	3,059	100	8
VD125IM05	M5	3,069	75	8
VD125IM06	M6	3,879	75	8
VD125IM08	M8	4,044	50	8
VD125IM10	M10	6,742	50	8

Wide plain washer

DIN-9021

STAINLESS
STEEL

DIN-9021 A2

A2 Stainless steel

CODE	SIZE	€/100		
D9021IM04	M4	2,613	500	22.500
D9021IM05	M5	4,777	500	12.000
D9021IM06	M6	8,660	500	8.000
D9021IM08	M8	17,073	200	4.800
D9021IM10	M10	38,633	100	1.600
D9021IM12	M12	66,627	100	800
D9021IM14	M14	143,743	100	800
D9021IM16	M16	145,503	50	600
D9021IM18	M18	260,537	50	400
D9021IM20	M20	292,100	25	300
D9021IM22	M22	300,917	25	200
D9021IM24	M24	346,050	25	150



 Blister

 Window box

CODE	SIZE	€/BAG	PCS B	BAGS
BZ9021IM04	M4	2,302	10	20
BZ9021IM05	M5	2,302	8	20
BZ9021IM06	M6	2,302	8	20
BZ9021IM08	M8	2,302	6	20
BZ9021IM10	M10	2,302	5	20

CODE	SIZE	€/BOX	PCS B	BOXES
VD9021IM04	M4	3,313	100	8
VD9021IM05	M5	4,088	75	8
VD9021IM06	M6	7,407	75	8
VD9021IM08	M8	7,787	40	8
VD9021IM10	M10	8,809	20	8

Spring washer

DIN-127

METAL



DIN-127 A2

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



AB-RE

Reinforced pipe clamp M8 + M10

AB-RE A2

A2 Stainless steel



ADVANTAGES

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



STAINLESS STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABREA2018	18 (M8+M10)	15 - 18	332,580	3/8"	150	50	300
ABREA2022	22 (M8+M10)	20 - 24	349,760	1/2"	150	50	200
ABREA2028	28 (M8+M10)	26 - 30	383,987	3/4"	150	50	150
ABREA2035	35 (M8+M10)	32 - 36	401,780	1"	150	50	100
ABREA2040	40 (M8+M10)	36 - 42	425,290	1 1/4"	150	25	100
ABREA2048	48 (M8+M10)	47 - 50	448,373	1 1/2"	150	25	100
ABREA2054	54 (M8+M10)	51 - 55	473,533	-	150	25	75
ABREA2060	60 (M8+M10)	60 - 64	503,620	2"	150	25	75
ABREA2075	75 (M8+M10)	75 - 80	570,457	2 1/2"	150	25	50
ABREA2090	90 (M8+M10)	87 - 92	656,360	3"	150	25	-
ABREA2110	110 (M8+M10)	106 - 112	710,090	-	150	25	-
ABREA2115	115 (M8+M10)	114 - 119	740,700	4"	150	25	-
ABREA2125	125 (M8+M10)	124 - 131	794,473	4 1/2"	150	25	-
ABREA2140	140 (M8+M10)	133 - 140	878,120	5"	150	25	-
ABREA2160	160 (M8+M10)	159 - 163	1.002,177	6"	150	25	-
ABREA2200	200 (M8+M10)	199 - 212	1.397,923	-	150	25	-

AB-RE A4

A4 Stainless steel



ADVANTAGES

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



STAINLESS STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABREA4018	18 (M8+M10)	15 - 18	434,490	3/8"	150	50	300
ABREA4022	22 (M8+M10)	20 - 24	459,373	1/2"	150	50	200
ABREA4028	28 (M8+M10)	26 - 30	490,617	3/4"	150	50	150
ABREA4035	35 (M8+M10)	32 - 36	512,520	1"	150	50	100
ABREA4040	40 (M8+M10)	36 - 42	549,773	1 1/4"	150	25	100
ABREA4048	48 (M8+M10)	47 - 50	593,963	1 1/2"	150	25	100
ABREA4054	54 (M8+M10)	51 - 55	619,670	-	150	25	75
ABREA4060	60 (M8+M10)	60 - 64	660,557	2"	150	25	75
ABREA4075	75 (M8+M10)	75 - 80	732,887	2 1/2"	150	25	50
ABREA4090	90 (M8+M10)	87 - 92	803,653	3"	150	25	-
ABREA4110	110 (M8+M10)	106 - 112	925,417	-	150	25	-
ABREA4115	115 (M8+M10)	114 - 119	992,830	4"	150	25	-
ABREA4125	125 (M8+M10)	124 - 131	1.045,960	4 1/2"	150	25	-
ABREA4140	140 (M8+M10)	133 - 140	1.238,123	5"	150	25	-
ABREA4160	160 (M8+M10)	159 - 163	1.359,077	-	150	25	-
ABREA4200	200 (M8+M10)	199 - 212	1.649,190	-	150	25	-

AB-RI

Reinforced isophonic pipe clamp M8 + M10

AB-RI A2

A2 Stainless steel



ADVANTAGES

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



STAINLESS STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUN LOAD		
ABRIA2018	18 (M8+M10)	15 - 18	437,957	3/8"	150	50	200
ABRIA2022	22 (M8+M10)	20 - 24	450,040	1/2"	150	50	150
ABRIA2028	28 (M8+M10)	26 - 30	470,067	3/4"	150	50	150
ABRIA2035	35 (M8+M10)	32 - 36	494,553	1"	150	50	100
ABRIA2040	40 (M8+M10)	36 - 42	521,510	1 1/4"	150	25	75
ABRIA2048	48 (M8+M10)	47 - 50	552,720	1 1/2"	150	25	75
ABRIA2054	54 (M8+M10)	51 - 55	603,450	-	150	25	50
ABRIA2060	60 (M8+M10)	60 - 64	636,210	2"	150	25	50
ABRIA2075	75 (M8+M10)	75 - 80	716,740	2 1/2"	150	25	-
ABRIA2090	90 (M8+M10)	87 - 92	774,940	3"	150	25	-
ABRIA2110	110 (M8+M10)	106 - 112	861,733	-	150	25	-
ABRIA2115	115 (M8+M10)	114 - 119	885,613	4"	150	25	-
ABRIA2125	125 (M8+M10)	124 - 131	954,507	4 1/2"	150	25	-
ABRIA2140	140 (M8+M10)	133 - 140	988,260	5"	150	25	-
ABRIA2160	160 (M8+M10)	159 - 163	1.108,780	6"	150	25	-

Reinforced isophonic pipe clamp M8 + M10

AB-RI

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STAINLESS
STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABRIA4018	18 (M8+M10)	15 - 18	546,720	3/8"	150	50	200
ABRIA4022	22 (M8+M10)	20 - 24	574,767	1/2"	150	50	150
ABRIA4028	28 (M8+M10)	26 - 30	599,950	3/4"	150	50	150
ABRIA4035	35 (M8+M10)	32 - 36	644,877	1"	150	50	100
ABRIA4040	40 (M8+M10)	36 - 42	695,083	1 1/4"	150	25	75
ABRIA4048	48 (M8+M10)	47 - 50	747,293	1 1/2"	150	25	75
ABRIA4054	54 (M8+M10)	51 - 55	784,260	-	150	25	50
ABRIA4060	60 (M8+M10)	60 - 64	857,263	2"	150	25	50
ABRIA4075	75 (M8+M10)	75 - 80	937,940	2 1/2"	150	25	-
ABRIA4090	90 (M8+M10)	87 - 92	1.029,127	3"	150	25	-
ABRIA4110	110 (M8+M10)	106 - 112	1.213,387	-	150	25	-
ABRIA4115	115 (M8+M10)	114 - 119	1.261,460	4"	150	25	-
ABRIA4125	125 (M8+M10)	124 - 131	1.336,367	4 1/2"	150	25	-
ABRIA4140	140 (M8+M10)	133 - 140	1.449,203	5"	150	25	-
ABRIA4160	160 (M8+M10)	159 - 163	1.660,183	6"	150	25	-

AB-RI A4

A4 Stainless steel



ADVANTAGES

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

U-bolt

AB-ZI

SANITATION



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

AB-ZI A2

A2 Stainless steel



Stainless steel clamp Indextube

AB-IT

SANITATION



CODE	SIZE	€/100		
ABITS015	15	122,600	100	600
ABITS018	18	132,847	100	400
ABITS022	22	196,913	100	400
ABITS028	28	264,693	100	300

AB-ITS

Simple



AB-IT

Stainless steel clamp Indextube

AB-ITD

Double

SANITATION



CODE	SIZE	€/100		
ABITD015	15	453,273	50	300
ABITD018	18	513,180	50	200
ABITD022	22	643,220	50	100



AB-M6

Pipe clamp M6

AB-M6 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES	MAXIMUM LOAD		
ABM6A2012	12 (M6)	12	229,473	1/4"	70	100	1.200
ABM6A2015	15 (M6)	14 - 15	233,623	-	70	100	600
ABM6A2018	18 (M6)	16 - 18	237,770	3/8"	70	100	600
ABM6A2020	20 (M6)	19 - 21	242,527	1/2"	70	100	600
ABM6A2022	22 (M6)	22 - 24	245,593	-	70	100	600
ABM6A2028	28 (M6)	25 - 30	259,383	3/4"	70	100	400



ADVANTAGES

M6 soldered nut
Thickness 1,5 mm.

AB-SF

Hose clamp

AB-SF A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	ØD(mm)	€/100	SIZE IN INCHES		
ASF2010016	10-16	10-16	78,667	-	100	1.200
ASF2012020	12-20	12-20	80,623	1/2" - 7/8"	100	600
ASF2016027	16-27	16 - 27	84,100	5/8" - 1 1/16"	100	600
ASF2020032	20-32	20 - 32	94,850	3/4" - 1 1/4"	100	600
ASF2025040	25-40	25 - 40	103,640	1" - 1 5/8"	100	200
ASF2032050	32-50	32 - 50	144,253	1 3/8" - 2"	100	300
ASF2040060	40-60	40 - 60	153,163	1 5/8" - 2 3/8"	100	200
ASF2050070	50-70	50 - 70	159,847	2" - 2 3/4"	50	100
ASF2060080	60-80	60 - 80	168,033	2 3/8" - 3 1/8"	50	100
ASF2070090	70-90	70 - 90	176,967	2 3/4" - 3 1/2"	50	100
ASF2080100	80-100	80 - 100	182,903	3 1/8" - 4"	50	100
ASF2090110	90-110	90 - 110	213,293	3 1/2" - 4 3/8"	50	100
ASF2100120	100-120	100 - 120	221,667	4" - 4 3/4"	25	25
ASF2110130	110-130	110 - 130	230,020	4 3/8" - 5 1/8"	25	25
ASF2120140	120-140	120 - 140	241,733	4 3/4" - 5 1/2"	25	25
ASF2130150	130-150	130 - 150	250,940	5 1/8" - 5 7/8"	25	25



ADVANTAGES

Stainless Steel A2 screw, band and housing
For several pipe Ø
Medium torque capacity

Stainless hose clamp roll

AB-SF IR

STAINLESS
STEEL



CODE	SIZE	€/PC		
ASFIR03	9 x 0,6 mm / 3 m	12,224	1	50

AB-SF IR

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



STAINLESS
STEEL



CODE	SIZE	€/100		
ASFIRCA	Cabezal	87,327	50	1.000

AB-SF IRC

Head. Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/PC		
ASFIR30	9 x 0,6 mm / 30 m	43,662	1	10

AB-SF IRR

Roll 30 m. Stainless steel



Fixing band

CI-PE

STAINLESS
STEEL



CODE	SIZE	€/PC		
CIPEA21708	17 x 0,8 x 10 m	32,706	1	30

CI-PE A2

Round fixing band. A2 Stainless steel



SA

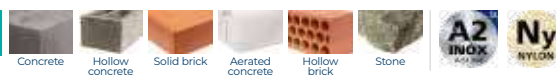
Sanitary fixings

SA-IL

Stainless steel WC and bidet fixing kit with long nylon plug. 2 PCS x KIT



SANITATION



CODE	SIZE	€/KIT	KITS
SAILO6080	M6 x 80	3,257	100

SA-CI

Cistern fixing kit. 2 PCS x KIT



SANITATION



CODE	SIZE	€/KIT	KITS
SACIO6080	M6 x 80	6,187	100

ALSO AVAILABLE

easykits

GP

Type "C" profiles for light loads

GP-A2

Slotted strut channel. A2 Stainless steel



STAINLESS
STEEL



CODE	SIZE	€/100	LENGTH	
GPI271812	27 x 18 x 1,25 x 2000	10.485,197	2.000	6
GPI283015	28 x 30 x 1,50 x 2000	22.468,757	2.000	6
GPI384020	38 x 40 x 2,00 x 2000	26.493,367	-	5

PE-AC

Accessories for type "C" profiles

EG-A2

A2 Stainless steel channel bracket



STAINLESS
STEEL



CODE	SIZE	SUITABLE FOR	€/100		
EMI45	50 x 50 45°	27/18 - 28/30 - 38/40	543,020	50	200
EMI90	54 x 54 90°	27/18 - 28/30 - 38/40	543,020	50	-
EMI00	100 180°	27/18 - 28/30 - 38/40	538,363	50	200

Accessories for type "C" profiles

PE-AC

STAINLESS
STEEL

CODE	SIZE	SUITABLE FOR	€/100		
PGI2718	27 / 18 x 81	27/18	264,863	50	300
PGI2830	28 / 30 x 81	28/30	304,597	50	200
PGI3840	38 / 40 x 93	38/40	370,813	50	100

PG-A2

A2 Stainless steel Channel U-fitting



Threaded rod

RV

STAINLESS
STEEL

CODE	SIZE	€/100	LENGTH	PITCH	
975A2M04	M4 x 1000	331,050	1.000	0.7	1
975A2M05	M5 x 1000	390,363	1.000	0.8	1
975A2M06	M6 x 1000	538,960	1.000	1	1
975A2M08	M8 x 1000	874,627	1.000	1.25	1
975A2M10	M10 x 1000	1.267,020	1.000	1.5	1
975A2M12	M12 x 1000	1.928,897	1.000	1.75	1
975A2M14	M14 x 1000	3.377,737	1.000	2	1
975A2M16	M16 x 1000	3.900,350	1.000	2	1
975A2M18	M18 x 1000	4.254,923	1.000	2.5	1
975A2M20	M20 x 1000	5.871,797	1.000	2.5	1
975A2M22	M22 x 1000	6.863,907	1.000	2.5	1
975A2M24	M24 x 1000	9.265,300	1.000	3	1
975A2M27	M27 x 1000	11.166,597	1.000	3	1
975A2M30	M30 x 1000	17.378,990	1.000	3.5	1
975A2M33	M33 x 1000	21.818,293	1.000	3.5	1
975A2M36	M36 x 1000	25.094,577	1.000	4	1

RV-A2

A2 Stainless steel. 1 meter



Coupling nut

MA

STAINLESS
STEEL

CODE	SIZE	€/100	LENGTH		
MARI0830	M8 x 30	194,450	30	100	2.400
MARI1030	M10 x 30	267,700	30	100	-

MA-RI

Round. A2 Stainless steel



Threaded screw clamp and staple

TAG

 Technical
infoSTAINLESS
STEEL

CODE	SIZE	€/100		
ABTA20630	M6 x 30	67,270	100	2.400

AB-TA A2

A2 Stainless steel



ES-DR

Double threaded screw

ES-DA2

A2 Stainless steel. TX



STAINLESS
STEEL



CODE	SIZE	€/100	INSTALLATION KEY		
ESDA208060	M8 x 60	101,123	6	100	800
ESDA210060	M10 x 60	188,120	8	100	800

ISF-CC

Connectors + Accessories for the solar structures assembly

TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



METAL



CODE	SIZE	€/100		
TURXA208	M8	141,600	50	300

ISF-FD

Direct fixing accessories for solar panels installation

TAC BIMETAL+ARVUL A2

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



METAL



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

Ring nut D-582

EV-H



CODE	METRIC	Ø CABLE	€/100		
EVHA406	M6	M6(Ø15)	209,410	10	450
EVHA408	M8	M8(Ø20)	337,913	10	450
EVHA410	M10	M10(Ø25)	642,510	10	240
EVHA412	M12	M12(Ø30)	951,867	5	120
EVHA414	M14	M14(Ø30)	1.427,800	5	120
EVHA416	M16	M16(Ø35)	1.665,767	1	-
EVHA420	M20	M20(Ø38)	2.189,293	1	-
EVHA424	M24	M24(Ø50)	4.759,333	1	24

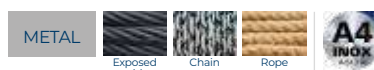
EV-H A4 NEW

A4 Stainless steel



Ring nut D-580

EV-M



CODE	METRIC	Ø CABLE	€/100		
EVMA406	M6	M6 (Ø20)	223,690	10	450
EVMA408	M8	M8 (Ø20)	385,507	10	450
EVMA410	M10	M10 (Ø25)	690,103	10	240
EVMA412	M12	M12(Ø30)	1.047,053	5	120
EVMA414	M14	M14 (Ø35)	1.546,783	5	120
EVMA416	M16	M16 (Ø35)	1.808,547	1	45
EVMA420	M20	M20 (Ø40)	2.617,633	1	-
EVMA424	M24	M24(Ø50)	5.711,200	1	12

EV-M A4 NEW

A4 Stainless steel



Thimble DIN-6899/A

GD



CODE	METRIC	Ø CABLE	€/100		
GDA402	M2	M2(Ø10)	39,503	100	4.500
GDA403	M3	M3(Ø12)	57,113	100	4.500
GDA404	M4	M4(Ø13)	66,630	50	2.250
GDA405	M5	M5(Ø14)	90,427	50	1.200
GDA406	M6	M6(Ø15)	104,707	50	1.200
GDA408	M8	M8(Ø18)	199,893	50	600
GDA410	M10	M10(Ø22)	328,393	25	300
GDA412	M12	M12(Ø26)	385,507	10	120
GDA415	M15	M15(Ø32)	666,307	5	60

GD-A4 NEW

A4 Stainless steel

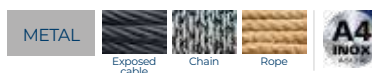


GI

Lyre shackle

NEW **GI-A4**

A4 Stainless steel



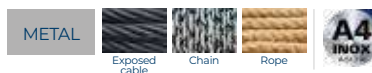
CODE	METRIC	Ø CABLE	€/100		
GI4A04	M4	M4(Ø6)	266,523	25	1.125
GI4A05	M5	M5(Ø8)	290,320	25	1.125
GI4A06	M6	M6(Ø10)	318,877	10	450
GI4A08	M8	M8(Ø12)	475,933	10	240
GI4A10	M10	M10(Ø16)	785,290	10	120
GI4A12	M12	M12(Ø28)	1.237,427	5	60
GI4A14	M14	M14(Ø33)	2.141,700	5	60
GI4A16	M16	M16(Ø37)	2.926,990	5	30

GR

Straight shackle

NEW **GR-A4**

A4 Stainless steel



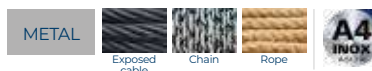
CODE	METRIC	Ø CABLE	€/100		
GRA404	M4	M4(Ø8)	209,410	25	1.125
GRA405	M5	M5(Ø10)	228,447	25	1.125
GRA406	M6	M6(Ø12)	261,763	25	600
GRA408	M8	M8(Ø16)	390,267	10	240
GRA410	M10	M10(Ø19)	628,233	10	120
GRA412	M12	M12(Ø25)	989,940	5	60
GRA414	M14	M14(Ø28)	1.594,377	5	60
GRA416	M16	M16(Ø32)	2.284,480	5	40
GRA419	M20	M20(Ø38)	4.473,773	1	-
GRA425	M25	M25(Ø50)	9.613,853	1	-

SJ-P

Flat cable clip

NEW **SJ-PD A4**

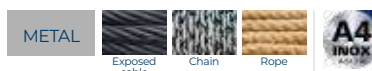
Double. A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
SJPDA40403	M4	M4(Ø3)	166,577	30	720
SJPDA40504	M5	M5(Ø4)	271,283	30	720
SJPDA40605	M5	M5(Ø5)	337,913	20	480
SJPDA40606	M6	M6(Ø6)	585,397	10	240

NEW **SJ-PS A4**

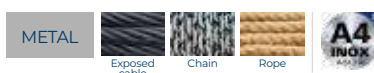
Single. A4 Stainless steel



CODE	METRIC	Ø CABLE	€/100		
SJPSA40403	M4	M4(Ø3)	99,947	30	1.350
SJPSA40504	M5	M5(Ø4)	147,540	30	1.350
SJPSA40605	M6	M6(Ø5)	204,650	20	900
SJPSA40606	M6	M6(Ø6)	347,430	10	450

Turnbuckle ring/ring DIN-1480

TS-AA



TS-AA A4 NEW

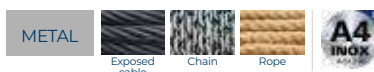
A4 Stainless steel

CODE	METRIC	Ø CABLE	€/100		
TSAAA410	M10	M10(Ø14)	1.856,100	5	20
TSAAA412	M12	M12(Ø17)	3.498,100	5	20
TSAAA405	M5	M5(Ø8)	509,200	10	240
TSAAA406	M6	M6(Ø10)	713,900	10	120
TSAAA408	M8	M8(Ø11)	1.251,700	10	60



Turnbuckle hook/ring DIN-1480

TS-GA



TS-GA A4 NEW

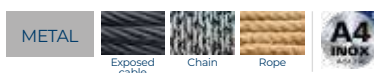
A4 Stainless steel

CODE	METRIC	Ø CABLE	€/100		
TSGAA405	M5	M5(Ø8)	483,740	10	240
TSGAA406	M6	M6(Ø10)	678,207	10	120
TSGAA410	M10	M10(Ø14)	1.763,297	5	30
TSGAA412	M12	M12(Ø17)	3.323,197	5	30



Turnbuckle hook/hook DIN-1480

TS-GG



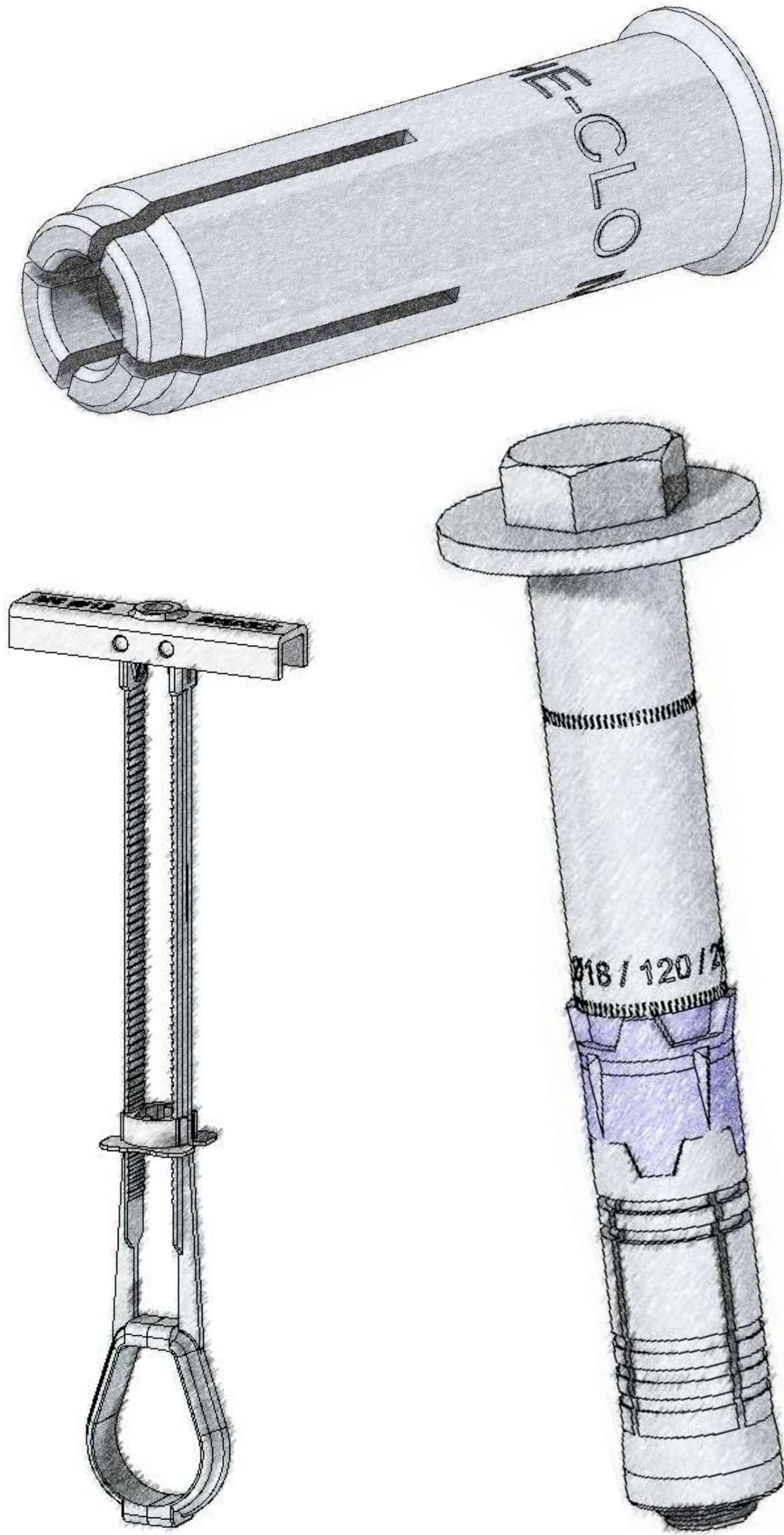
TS-GG A4 NEW

A4 Stainless steel

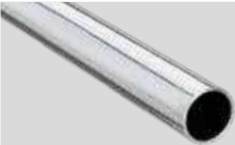
CODE	METRIC	Ø CABLE	€/100		
TSGGA405	M5	M5(Ø7)	509,200	10	240
TSGGA406	M6	M6(Ø8)	713,900	10	120
TSGGA408	M8	M8(Ø9.5)	1.251,700	10	-
TSGGA410	M10	M10(Ø12)	1.856,100	5	20
TSGGA412	M12	M12(Ø15)	3.498,100	5	15



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)
 STEEL UNE 19047:1996	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
 STAINLESS STEEL UNE 19049-1:1997	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
 PVC F (pluvial) UNE 53.114	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
 PVC C (fecal) UNE 53.114	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)
 PVC UNE 53.332	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
 COBRE UNE EN 1057:1996	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

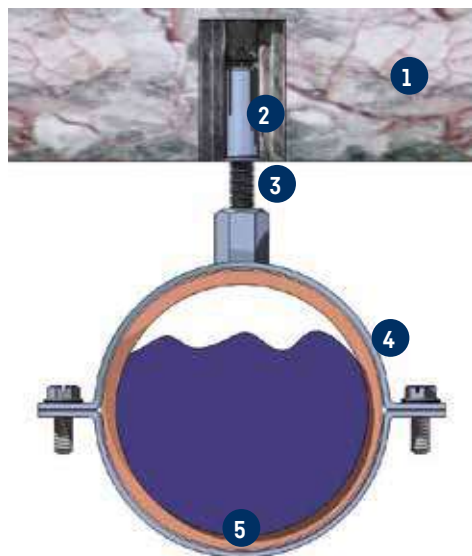
* Approximate weight values. Consult manufacturer for exact weights.

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.

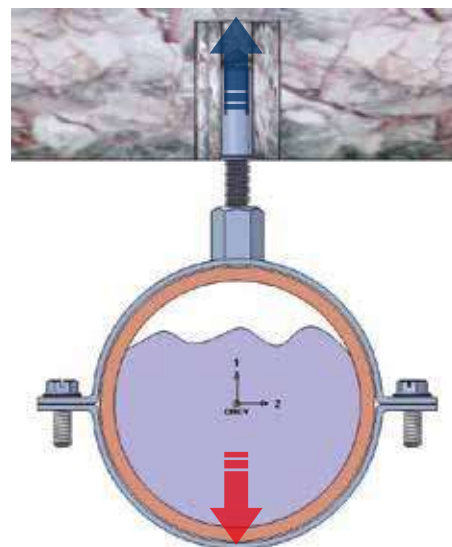
1. SUSPENSION ELEMENT

Fixing elements



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

Loads and resistances



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.

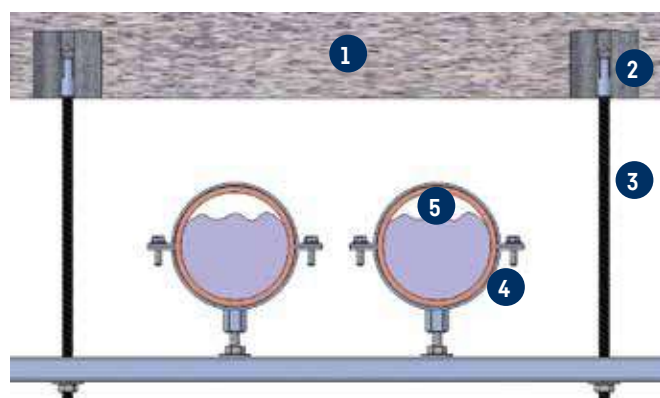
$$\text{Service load} \leq \text{Recommended resistance}$$

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

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

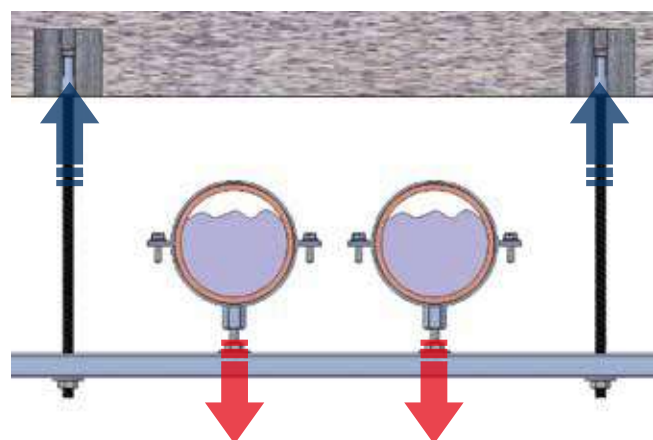
2. ELEMENT ON SUPPORT CHANNEL

Fixing elements



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

Loads and resistances



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.

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.

Service Load ≤ Recommended Resistance

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

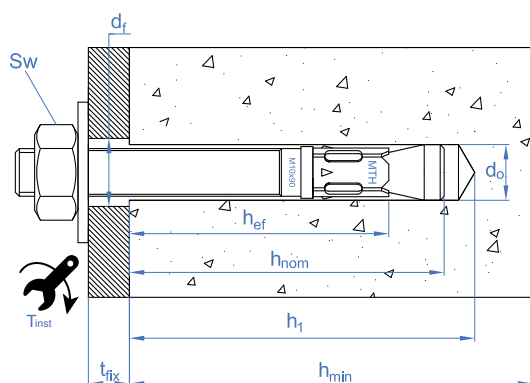
Therefore, the support system for the pipes is safe.

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.

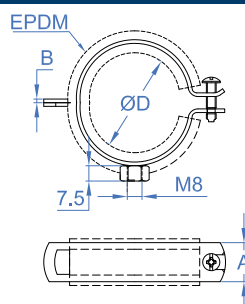
AB-IA / AB-RA Reinforced pipe clamp M8 opened



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

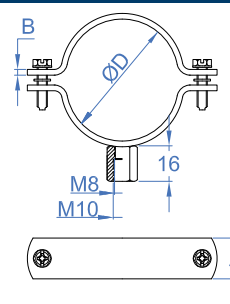
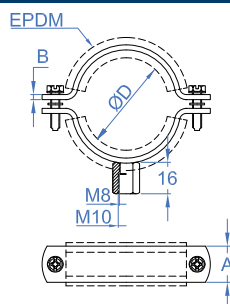
AB-IR Isophonic pipe clamp M8 fast-clip



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



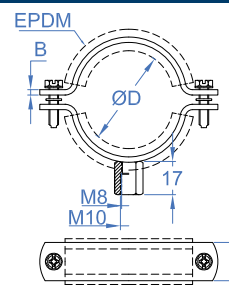
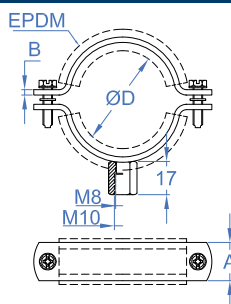
AB-RI / AB-RE Zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABRI018 / ABRE018	15 - 19	3/8"	18,5x1,35	80
ABRI022 / ABRE022	20 - 25	1/2"	18,5x1,35	80
ABRI028 / ABRE028	26 - 30	3/4"	18,5x1,35	80
ABRI035 / ABRE035	32 - 36	1"	18,5x1,35	80
ABRI040 / ABRE040	38 - 43	1 1/4"	18,5x1,35	80
ABRI048 / ABRE048	47 - 51	1 1/2"	18,5x1,35	80
ABRI054 / ABRE054	53 - 56	-	18,5x1,35	80
ABRI060 / ABRE060	60 - 64	2"	18,5x1,35	80
ABRI070 / ABRE070	68 - 72	-	18,5x1,35	80
ABRI075 / ABRE075	75 - 80	2 1/2"	18,5x1,75	150
ABRI083 / ABRE083	81 - 86	-	18,5x1,75	150
ABRI090 / ABRE090	87 - 92	3"	18,5x1,75	150
ABRI100 / ABRE100	99 - 105	3 1/2"	18,5x1,75	150
ABRI110 / ABRE110	107 - 112	-	18,5x1,75	150
ABRI115 / ABRE115	113 - 118	4"	18,5x2,3	200
ABRI125 / ABRE125	125 - 130	4 1/2"	18,5x2,3	200
ABRI133 / ABRE133	132 - 137	-	18,5x2,3	200
ABRI140 / ABRE140	138 - 142	5"	18,5x2,3	200
ABRI150 / ABRE150	148 - 152	-	18,5x2,3	200
ABRI160 / ABRE160	159 - 166	6"	18,5x2,3	200
ABRI180 / ABRE180	179 - 184	-	18,5x2,3	200
ABRI200 / ABRE200	199 - 212	-	18,5x2,3	200
ABRI220 / ABRE220	215 - 226	8"	18,5x2,3	200
ABRI250 / ABRE250	245 - 254	-	18,5x2,3	200
ABRI280 / ABRE280	278 - 284	-	18,5x2,3	200
ABRI300 / ABRE300	299 - 304	-	18,5x2,3	200
ABRI315 / ABRE315	314 - 319	-	18,5x2,3	200
ABRI355 / ABRE355	354 - 359	-	18,5x2,3	200

AB-RI V / AB-RE V Zinc-plated

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABRI250 / ABRE250	245 - 254	-	18,5x2,3	200
ABRI280 / ABRE280	278 - 284	-	18,5x2,3	200
ABRI300 / ABRE300	299 - 304	-	18,5x2,3	200
ABRI315 / ABRE315	314 - 319	-	18,5x2,3	200
ABRI355 / ABRE355	354 - 359	-	18,5x2,3	200
ABRI400 / ABRE400	399 - 404	-	18,5x2,3	200
ABRI450 / ABRE450	449 - 454	-	18,5x2,3	200
ABRI500 / ABRE500	499 - 504	-	18,5x2,3	200
ABRI560 / ABRE560	555 - 561	-	18,5x2,3	200
ABRI600 / ABRE600	599 - 604	-	18,5x2,3	200
ABRI630 / ABRE630	625 - 631	-	18,5x2,3	200
ABRI710 / ABRE710	705 - 711	-	18,5x2,3	200
ABRI800 / ABRE800	799 - 804	-	18,5x2,3	200
ABRI900 / ABRE900	899 - 904	-	18,5x2,3	200
ABRI910 / ABRE910	999 - 1.004	-	18,5x2,3	200
ABRI911 / ABRE911	1.115 - 1.121	-	18,5x2,3	200
ABRI912 / ABRE912	1.245 - 1.251	-	18,5x2,3	200

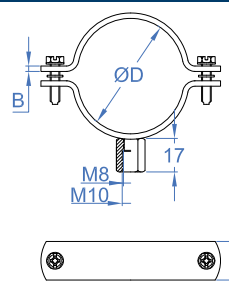
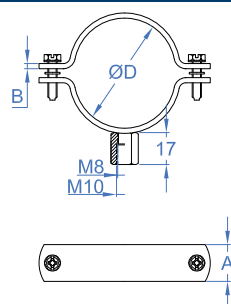
AB-RI A2 / AB-RI A4 Reinforced isophonic pipe clamp M8 + M10



AB-RI A2 / AB-RI A4 A2 Stainless steel

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABRIA2018 / ABRIA4018	15 - 18	3/8"	18,5X1,7	150
ABRIA2022 / ABRIA4022	20 - 24	1/2"	18,5X1,7	150
ABRIA2028 / ABRIA4028	26 - 30	3/4"	18,5X1,7	150
ABRIA2035 / ABRIA4035	32 - 36	1"	18,5X1,7	150
ABRIA2040 / ABRIA4040	36 - 42	1 1/4"	18,5X1,7	150
ABRIA2048 / ABRIA4048	47 - 50	1 1/2"	18,5X1,7	150
ABRIA2054 / ABRIA4054	51 - 55	-	18,5X1,7	150
ABRIA2060 / ABRIA4060	60 - 64	2"	18,5X1,7	150
ABRIA2075 / ABRIA4075	75 - 80	2 1/2"	18,5X1,7	150
ABRIA2090 / ABRIA4090	87 - 92	3"	18,5X1,7	150
ABRIA2110 / ABRIA4110	106 - 112	-	18,5X1,7	150
ABRIA2115 / ABRIA4115	114 - 119	4"	18,5X1,7	150
ABRIA2125 / ABRIA4125	124 - 131	4 1/2"	18,5X1,7	150
ABRIA2140 / ABRIA4140	133 - 140	5"	18,5X1,7	150
ABRIA2160 / ABRIA4160	159 - 163	6"	18,5X1,7	150

AB-RE A2 / AB-RE A4 Reinforced pipe clamp M8 + M10

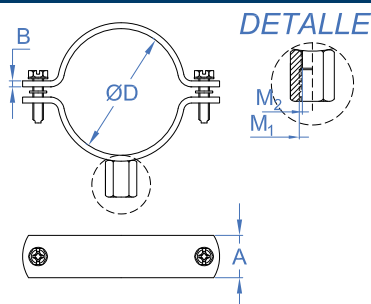


AB-RE A2 / AB-RE A4 A2 Stainless steel

CODE	ØD(MM)	ØD(")	A X B	MAXIMUM LOAD
ABREA2018 / ABREA4018	15 - 18	3/8"	18,5X1,7	150
ABREA2022 / ABREA4022	20 - 24	1/2"	18,5X1,7	150
ABREA2028 / ABREA4028	26 - 30	3/4"	18,5X1,7	150
ABREA2035 / ABREA4035	32 - 36	1"	18,5X1,7	150
ABREA2040 / ABREA4040	36 - 42	1 1/4"	18,5X1,7	150
ABREA2048 / ABREA4048	47 - 50	1 1/2"	18,5X1,7	150
ABREA2054 / ABREA4054	51 - 55	-	18,5X1,7	150
ABREA2060 / ABREA4060	60 - 64	2"	18,5X1,7	150
ABREA2075 / ABREA4075	75 - 80	2 1/2"	18,5X1,7	150
ABREA2090 / ABREA4090	87 - 92	3"	18,5X1,7	150
ABREA2110 / ABREA4110	106 - 112	-	18,5X1,7	150
ABREA2115 / ABREA4115	114 - 119	4"	18,5X1,7	150
ABREA2125 / ABREA4125	124 - 131	4 1/2"	18,5X1,7	150
ABREA2140 / ABREA4140	133 - 140	5"	18,5X1,7	150
ABREA2160 / ABREA4160	159 - 163	6"	18,5X1,7	150
ABREA2200 / ABREA4200	199 - 212	-	18,5X1,7	150

AB-GA

Pipe clamp for gas M8 + M10 yellow coated



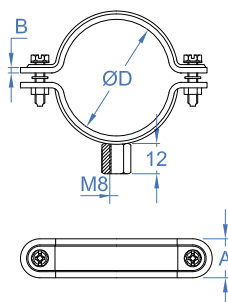
AB-GA

Yellow coated pipe clamp for gas M8 + M10

CODE	ØD(MM)	ØD(°)	A X B	METRIC	MAXIMUM 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

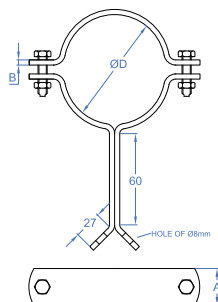


AB-M8

Drainpipe clamp M8

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM 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

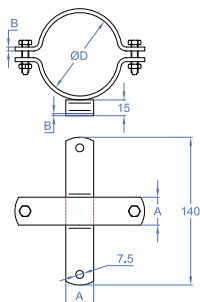
AB-DE Z / AB-DE G Recessed drainpipe clamp



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

CODE	ØD(MM)	ØD(°)	A X B	MAXIMUM LOAD
ABDE075	75 - 80	2 1/2"	20 x 2,5	200
ABDE090	87 - 92	3"	20 x 2,5	200
ABDE110	107 - 112	-	20 x 2,5	200
ABDE125	125 - 130	4 1/2"	20 x 2,5	200
ABDE160	159 - 166	6"	20 x 2,5	200
ABDE200	199 - 212	-	20 x 2,5	200
ABDE250	245 - 254	-	20 x 2,5	200
ABDE315	314 - 319	-	20 x 2,5	200

AB-DP Z / AB-DP G Drainpipe clamp with hole

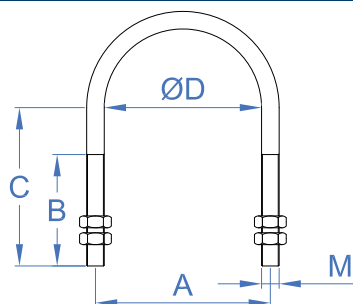


AB-DP Z / AB-DP G Zinc-plated

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

AB-ZI

U-bolt



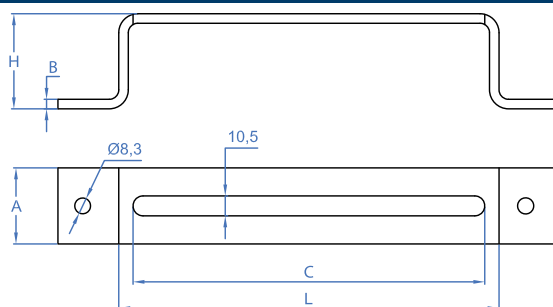
AB-ZI

Zinc-plated

CODE	ØD(")	METRIC	A X B X C	MAXIMUM LOAD
AZIM060250	1/4"	M6	20 / 14 / 20	250
AZIM060375	3/8"	M6	23,5 / 15 / 23	250
AZIM060500	1/2"	M6	27,5 / 17 / 25	250
AZIM060750	3/4"	M6	33 / 19 / 31	250
AZIM061000	1"	M6	39,5 / 24 / 39	250
AZIM061250	1 1/4"	M6	48,5 / 24 / 44	250
AZIM081500	1 1/2"	M8	56,5 / 26 / 48	350
AZIM082000	2"	M8	68,5 / 26 / 53	350
AZIM082250	2 1/4"	M8	83 / 35 / 63	350
AZIM082500	2 1/2"	M8	83 / 35 / 71	350
AZIM083000	3"	M8	99 / 35 / 76	350
AZIM083500	3 1/2"	M8	112 / 35 / 82	350
AZIM084000	4"	M8	125 / 35 / 87	350
AZIM084500	4 1/2"	M8	140 / 40 / 100	350
AZIM085000	5"	M8	152 / 40 / 105	350
AZIM086000	6"	M8	179 / 40 / 118	350
AZIM103000	3"	M10	100 / 45 / 66	350
AZIM103500	3 1/2"	M10	110 / 50 / 94	350
AZIM104000	4'	M10	125 / 55 / 97,5	350
AZIM105000	5'	M10	150 / 55 / 108	350
AZIM106000	6'	M10	170 / 55 / 125	350
AZIM108000	8'	M10	230 / 55 / 148	350

AB-SA

U-bolt support



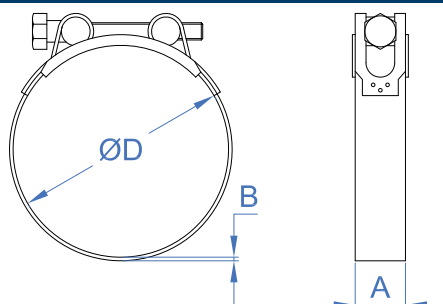
AB-SA

U-bolt support

CODE	L	H	A X B	C
ABSA050100	100	50	40 x 5	85
ABSA050125	125	50	40 x 5	110
ABSA050200	200	50	40 x 5	185
ABSA050300	300	50	40 x 5	285
ABSA050400	400	50	40 x 5	385
ABSA050500	500	50	40 x 5	485
ABSA050600	600	50	40 x 5	585
ABSA100100	100	100	40 x 5	85
ABSA100125	125	100	40 x 5	110
ABSA100200	200	100	40 x 5	185
ABSA100300	300	100	40 x 5	285
ABSA100400	400	100	40 x 5	385
ABSA100500	500	100	40 x 6	485

AB-GP

Heavy duty pipe clamp



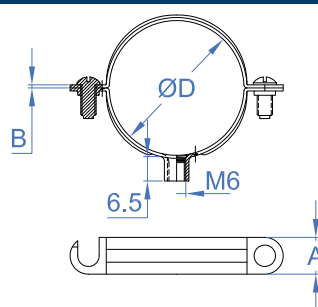
AB-GP

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

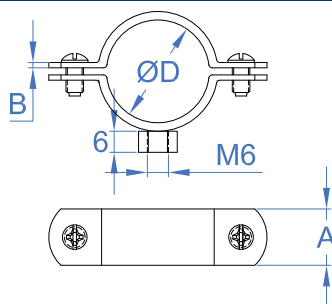
Zinc-plated

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



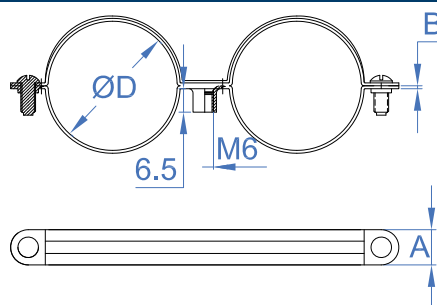
AB-M6 A2

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



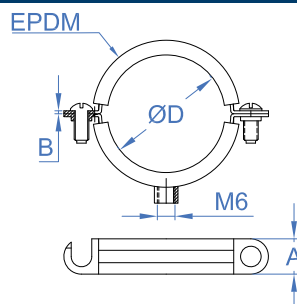
AB-D6 Z / AB-D6

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



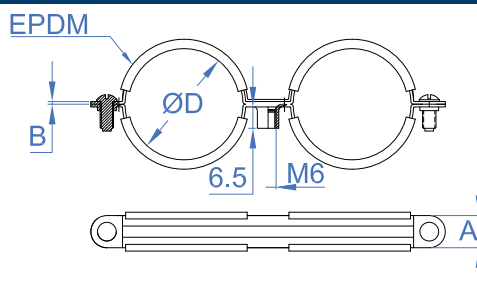
AB-6I

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



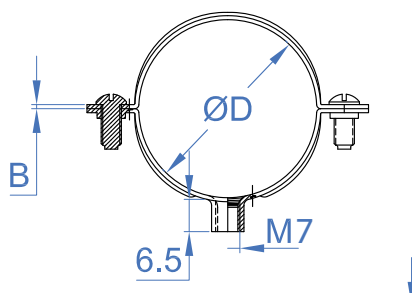
AB-DI

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



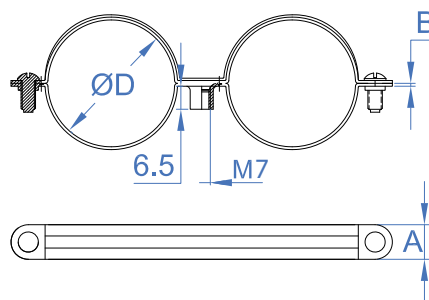
AB-M7

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



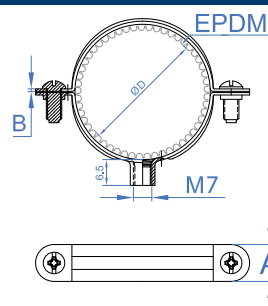
AB-D7

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



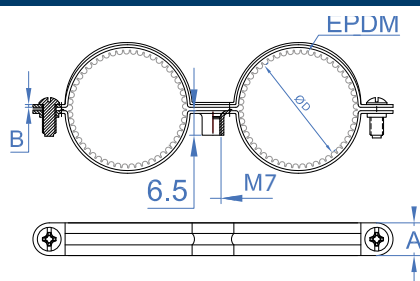
AB-7I

Isophonic pipe clamp M6

CODE	ØD(MM)	ØD(°)	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



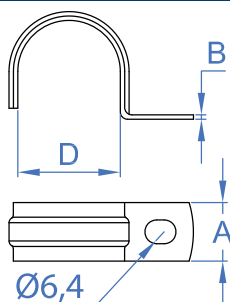
AB-7ID

Double isophonic pipe clamp M6

CODE	ØD(MM)	ØD(°)	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



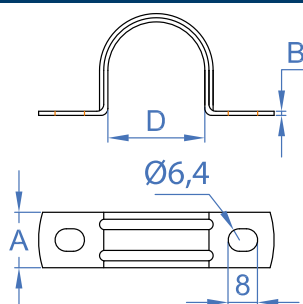
AB-PI

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



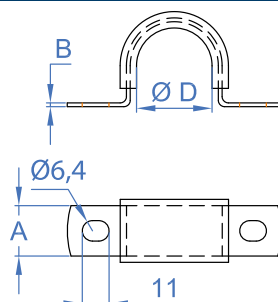
AB-PU

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



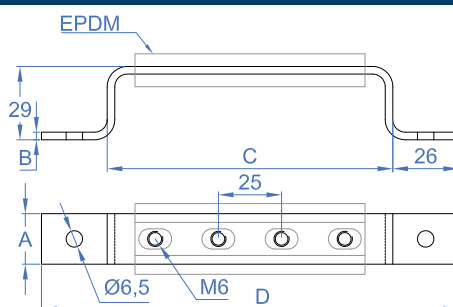
AB-IP

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



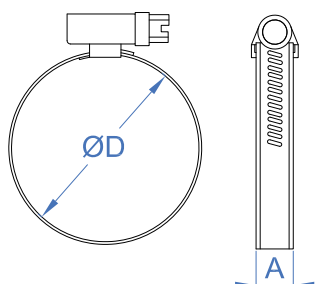
AB-SI

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"	A x B	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

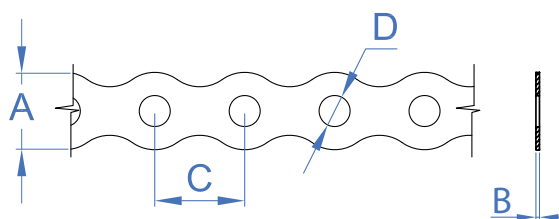
AB-SF A2

A2 Stainless steel

CODE	ØD(MM)	ØD"	A x B	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	A x B	C	D
CIPE1208	12 x 0,8	14	5
CIPE1708	17 x 0,8	20	7

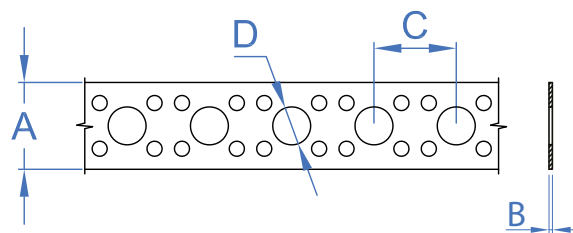
CI-PE A2

Round fixing band. A2 Stainless steel

CODE	A x B	C	D
CIPEA21708	17 x 0,8	20	7

CI-PR

Straight fixing band ATLANTIS C2-M



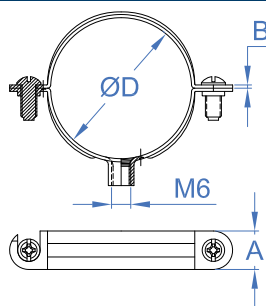
CI-PR

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



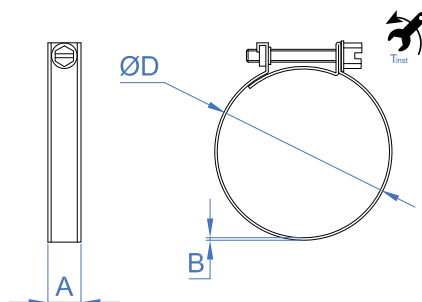
AB-CR

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



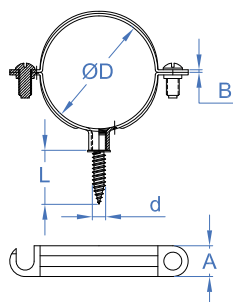
AB-BU

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



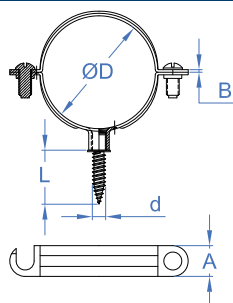
AB-GM

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-CS

Pipe clamp for gas black coated M6 with chipboard screw



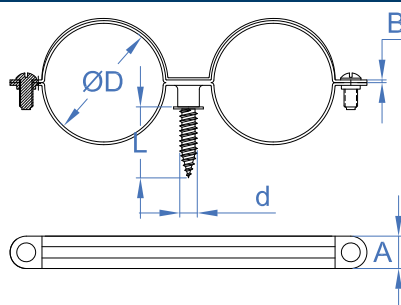
AB-CS

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	70
ABGS054	54	-	12 x 1,2	70

AB-GD

Double pipe clamp for gas black coated M6 with chipboard screw



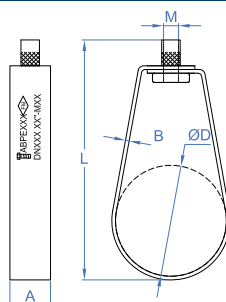
AB-GD

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



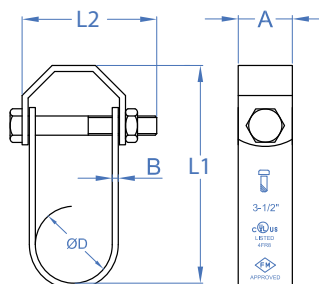
AB-PE

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



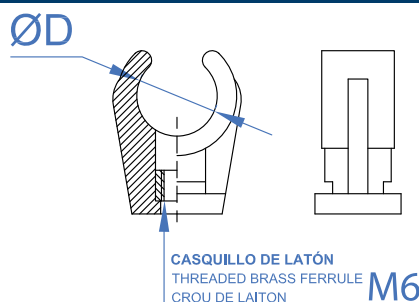
AB-CH

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	-
ABCH01000	35	1"	22,5 x 2,5	99	57	-
ABCH01014	42	1 1/4"	22,5 x 2,5	106	70	-
ABCH01012	48	1 1/2"	22,5 x 2,5	107	75	-
ABCH02000	60	2"	25,5 x 2,5	126	90	-
ABCH02012	75	2 1/2"	26,0 x 3,0	156	110	-
ABCH03000	90	3"	26,0 x 3,0	169	115	-
ABCH04000	115	4"	30,0 x 4,0	200	15	-
ABCH05000	140	5"	32,0 x 4,5	231	200	-
ABCH06000	160	6"	36,5 x 4,5	260	225	-
ABCH08000	220	8"	42,5 x 4,5	329	280	-
ABCH10000	275	10"	44,5 x 6,0	381	360	-
ABCH12000	325	12"	50,0 x 6,0	457	410	-
ABCH14000	355	14"	50,0 x 6,0	514	465	-
ABCH16000	405	16"	64,0 x 6,0	560	520	-

AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert



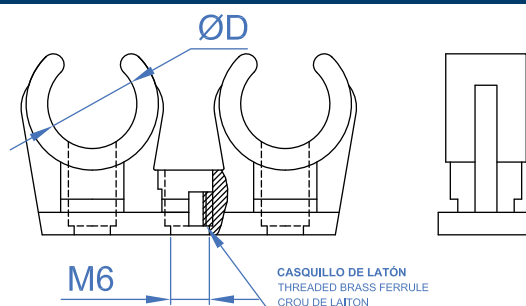
AB-IN

Simple polypropylene pipe clip with M6 threaded brass insert

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUM LOAD
ABIN012	12	1/4"	Carril 20/10	-
ABIN014	14-15	3/8"	Carril 20/10	-
ABIN016	16-18	-	Carril 20/10	-
ABIN020	20-22	-	Carril 20/10	-
ABIN025	25	-	Carril 20/10	-
ABIN028	28	3/4"	Carril 20/10	-
ABIN032	32	-	Carril 20/10	-
ABIN035	35	-	Carril 20/10	-

AB-ID

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



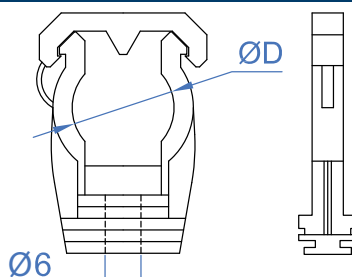
AB-ID

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	-
ABID014	14-15	3/8"	Carril 20/10	-
ABID016	16-18	-	Carril 20/10	-
ABID020	20-22	-	Carril 20/10	-
ABID028	28	3/4"	Carril 20/10	-

AB-GU

Closed polypropylene pipe clip with pre-thread M6



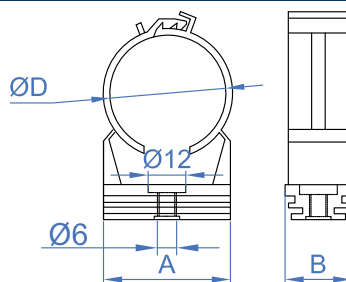
AB-GU

Closed polypropylene 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	-
ABGUG15	15	3/8"	20/10 27/18 28/30	-
ABGUG18	18	-	20/10 27/18 28/30	-
ABGUG20	20	-	20/10 27/18 28/30	-
ABGUG22	22	1/2"	20/10 27/18 28/30	-
ABGUG25	25	-	20/10 27/18 28/30	-
ABGUG28	28	-	20/10 27/18 28/30	-
ABGUG32	32	1"	20/10 27/18 28/30	-
ABGUG40	40	-	20/10 27/18 28/30	-
ABGUG50	50	-	20/10 27/18 28/30	-

AB-MUG

Multiuse pipe clamp



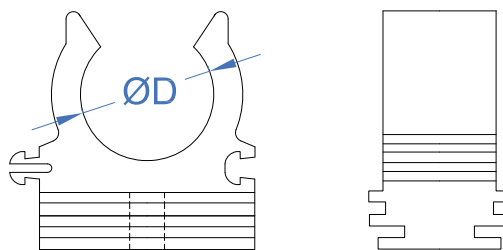
AB-MUG

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	-
ABMUG15	15	-	21 x 20	20/10 27/18 28/30	-
ABMUG18	18	-	25 x 20	20/10 27/18 28/30	-
ABMUG22	22	-	30 x 20	20/10 27/18 28/30	-
ABMUG26	26	-	33 x 20	20/10 27/18 28/30	-
ABMUG32	32	-	38 x 20	20/10 27/18 28/30	-
ABMUG40	40	-	46 x 20	20/10 27/18 28/30	-
ABMUG48	42	-	56 x 20	20/10 27/18 28/30	-

AB-PR

Duty pipe clamp with pre-thread M6



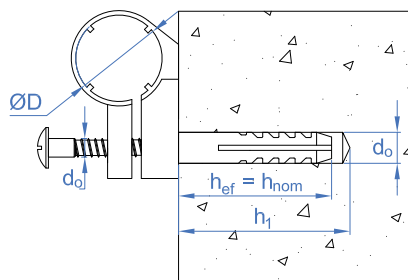
AB-PR

Grey

CODE	ØD(MM)	ØD(°)	SUITABLE FOR	MAXIMUM LOAD
ABPRG15	15-18	3/8"	20/10 27/18 28/30	-
ABPRG20	20-22	-	20/10 27/18 28/30	-
ABPRG25	25-28	1/2"	20/10 27/18 28/30	-
ABPRG32	32-35	-	20/10 27/18 28/30	-
ABPRG40	40	-	20/10 27/18 28/30	-
ABPRG50	50	3/4"	20/10 27/18 28/30	-

AB-MS

Multitube clamp + plug. Single



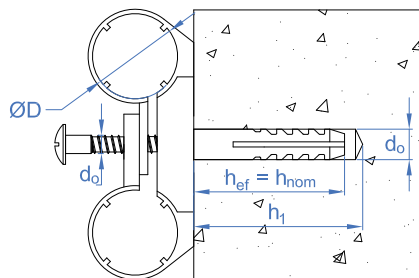
AB-MS

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



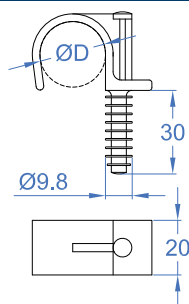
AB-MD

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

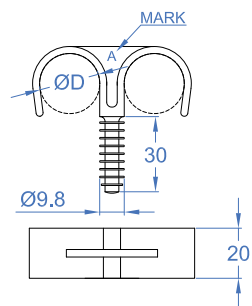
INDEXring tube fixing plug



AB-TS

Simple

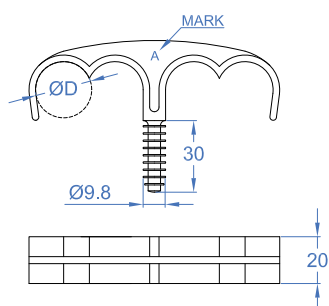
CODE	ØD(MM)	ØD(°)	MAXIMUM LOAD
ABTS014	14 - 15	-	-
ABTS016	16 - 17	3/8"	-
ABTS018	18 - 19	-	-
ABTS020	20 - 21	1/2"	-
ABTS022	22 - 23	-	-
ABTS025	25 - 26	3/4"	-
ABTS028	28 - 29	-	-
ABTS032	30 - 32	-	-



AB-TD

Double

CODE	ØD(MM)	ØD(")	MAXIMUM LOAD
ABTD016	15 - 16	3/8"	-
ABTD018	18 - 19	-	-
ABTD020	20 - 21	1/2"	-
ABTD022	22 - 23	-	-
ABTD025	25 - 26	3/4"	-
ABTD028	28 - 29	-	-



AB-TC

Quadruple

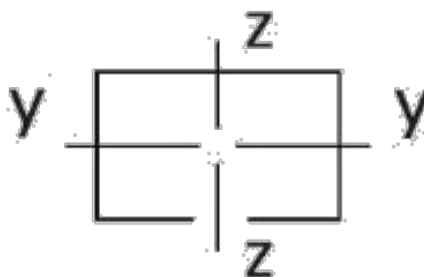
CODE	ØD(MM)	ØD(")	MAXIMUM LOAD
ABTC020	20 - 21	1/2"	-
ABTC025	25 - 26	3/4"	-

SUPPORT CHANNELS RANGE

CODE	DESCRIPTION	MATERIAL	COATING		
GPZ201010	Channel 20 x 10 x 1				
GPZ250808	Channel 25 x 8 x 0,80				
GPG271812	Channel 27 x 18 x 1,25				
GPG283018	Channel 28 x 30 x 1,80				
GPG384020	Channel 38 x 40 x 2,00				
GPG351312	Channel 35 x 12 x 1,20				
GPG402015	Channel 40 x 20 x 1,50				
GPI271812	Channel 27 x 18 x 1,25				
GPI283015	Channel 28 x 30 x 1,50				
GPP271812	Channel 27 x 18 x 1,25				
GPV251120	Channel 25 x 11 x 2,00				
GPO357510	Zinc-plated omega Channel slotted/plain				
GPO351515					
GLO357510					
GLO351515					
SPZ271820	Cantilever 27 x 18 x 1,20 x 200				
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					
SPH2718	Horizontal support				
SPH3840					
SPGH2718	Horizontal channel support				
SPGH3840					
TG230620	Tope tornillo guía perforada				
TG230820					
TG230830					
TG340830					
TG41030					
TUG201006	Channel stud nut				
TUG201008					
TUG271808					
TUG271810					
TUGRA2706	Fast nut-guide with washer				
TUGRA2708					
TUGRA3808					
TUGRA3810					
TGR230620	Fast-fixing stop screw				
TGR230820					
TGR230830					
TGR340830					
TGR341030					
EMZ45	Zinc-plated and stainless steel brackets				
EMZ90					
EMZ00					
EMI45					
EMI90					
EMI00					
PGZ2718	Zinc-plated and stainless steel U-fitting				
PGZ2830					
PGZ3840					
PGI2718					
PGI2830					
PGI3840					
PUZ2718	Union plates for profiles				
PUZ3840					
SOTP2718	Plastic cap for framing systems				
SOTP2830					
SOTP3840					
SOTP4121					
SOTP4141					
SOPG27	Isophonic rubber profile				
SOPG38					
SOPG41					

CODE	DESCRIPTION	MATERIAL	COATING		
GPX412115	Channel 41 x 21 x 1.50				
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				
PRX01	Adjustable support INDEXTRUT				
SPRXH4121	Rectangular U base support INDEXTRUT				
SPRXV4121					
SPUX412100	Support U base INDEXTRUT				
SPUX412145					
ABGX4121	Channel clamp INDEXTRUT				
EMPX4121	Connecting piece for prof INDEXTRUT				
RESX300	Reinforcement support INDEXTRUT				
RESX550					
RTX01	Rotule INDEXTRUT				
EMX9002	Zinc- plated fixing plates INDEXTRUT				
EMX9004					
EMX4502					
EMX1302	Profile bridges INDEXTRUT				
PGX4121					
PGX4141					
UNEX412103	Angled brackets/plate T shaped INDEXTRUT				
UNPX42101					
UNPX42102					
UNPX42103					
UNPX42104					
UNTX412104					
SCRX090	Heavy duty angled bracket				
TUGX08	Channel nut				
TUGX10					
TUGXMU08	Channel spring nut INDEXTRUT				
TUGXMU10					
TGX0840	Profile buffer screws INDEXTRUT				
TGX0860					
TGX1040					
TGX1060	Nut quick fixation INDEXTRUT				
TURX08					
TURX10					
TURX12	Nut INDEXTRUT with washer for quick fixation				
TURXA08					
TURXA10					
TGRX0830	INDEXTRUT fast-fixing stop screw				
TGRX0860					
TGRX1030					
TGRX1060	Sliding guide				
PAEXM08					
PAEXM10					
SOTP4121	Plastic cap for framing systems				
SOTP4141					
SOPG41	Isophonic rubber profile				

GEOMETRIC DATA

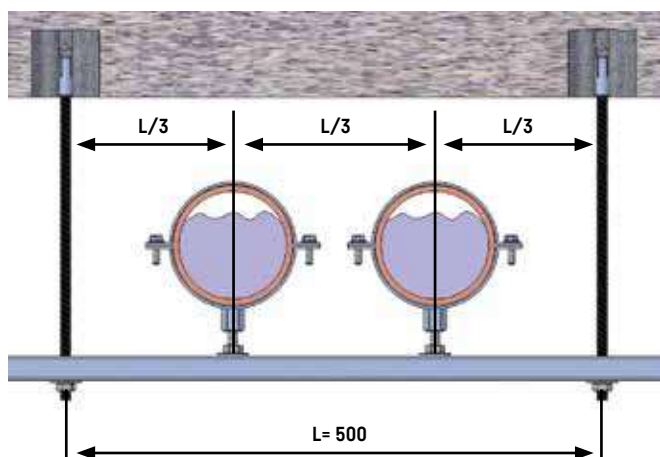


CODE	SECTION	WEIGHT	AREA	MOMENT OF INERTIA (I _y)	MOMENT OF INERTIA (I _z)	RESISTANT MODULE (W _y)	RESISTANT MODULE (W _z)
	[mm x mm]	[Kg/m]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ³]	[cm ³]
GPZ201010	20 x 10	0.31	0.44	0.06	0.25	0.10	0.25
GPZ250808	25 x 8	0.26	0.35	0.03	0.30	0.06	0.24
GPG271812	27 x 18	0.66	0.84	0.37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

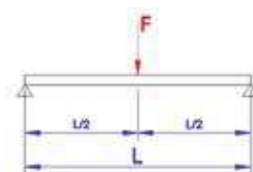
*Values calculated without surpassing admissible tension $\sigma_{adm} = 16 \text{ N/mm}^2$ nor a maximum arrow of $L/200$.
For cases not included in these calculations, consult with INDEX Fixing Systems' Technical Department.

CALCULATION EXAMPLE



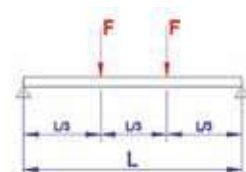
Slotted channel GPG3840 with length between supports (L) of 500 mm., with 2 centered punctual loads (case 2)

CASE 1



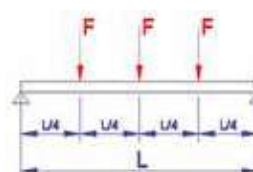
Punctual load in the centre

CASE 2



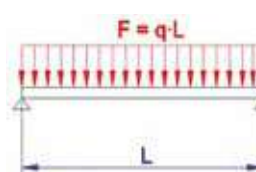
Two punctual loads in $L/3$

CASE 3

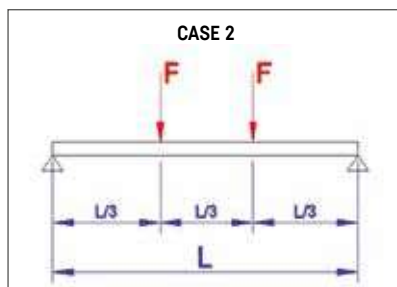


Three punctual loads in $L/4$

CASE 4



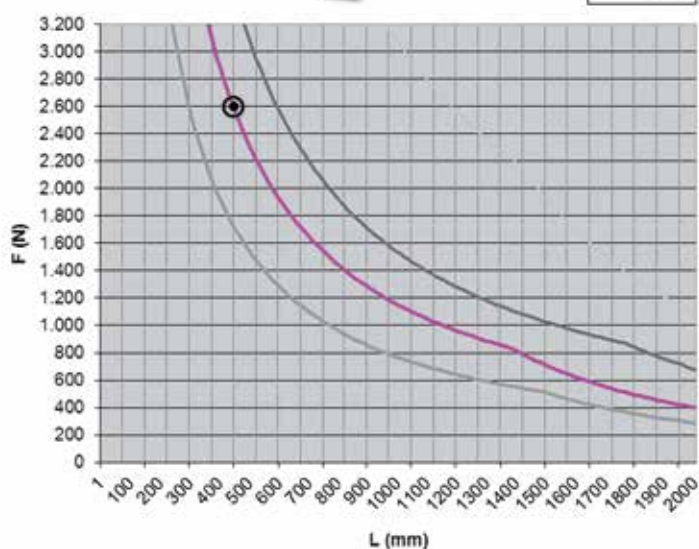
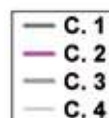
Uniform load



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

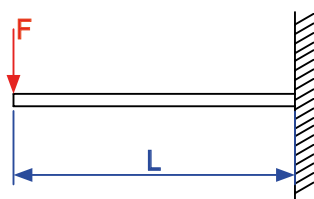


Strut channel
28 / 30



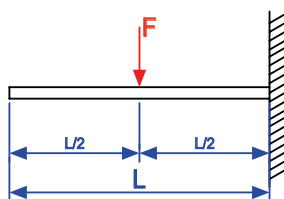
CHANNEL CANTILEVER ARMS

CASE 1



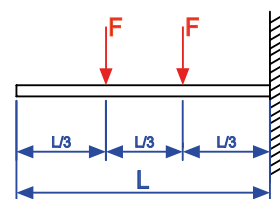
Punctual load in the edge

CASE 2



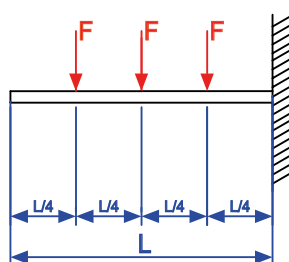
Punctual load in the centre

CASE 3



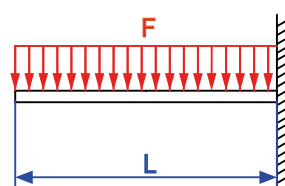
Two punctual loads in $L/3$

CASE 4



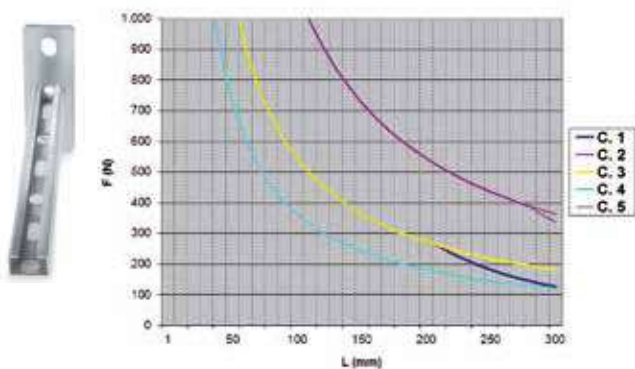
Three punctual loads in $L/4$

CASE 5

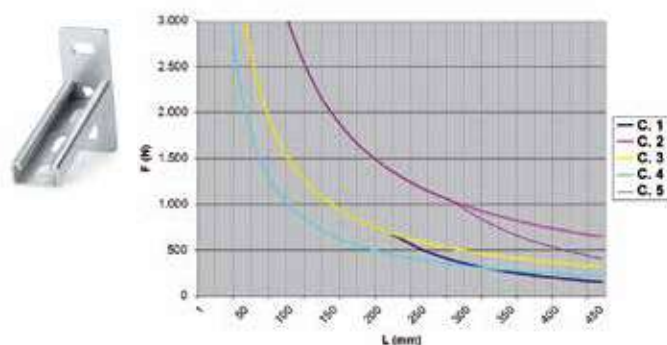


Uniform load

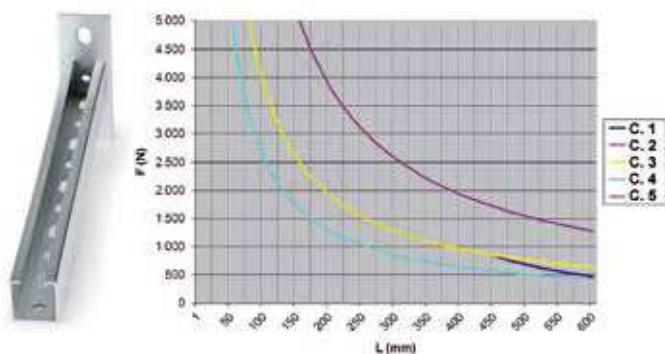
Channel cantilever arm 27 / 18



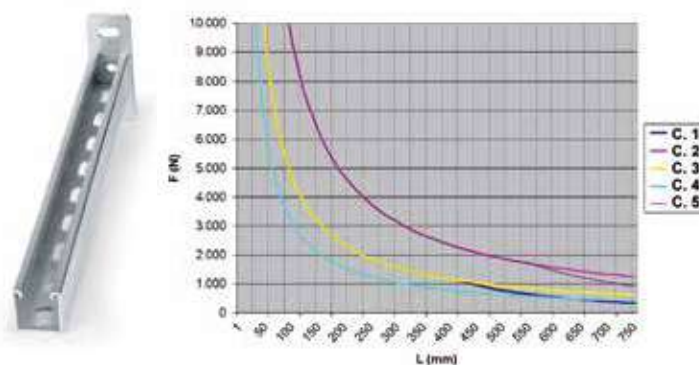
Channel cantilever arm 41 / 21



Channel cantilever arm 38 / 40

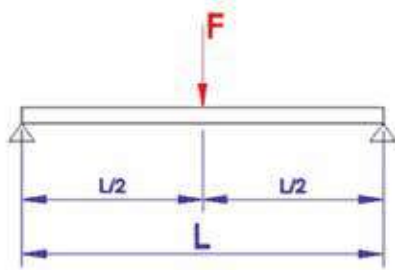


Channel cantilever arm 41 / 41



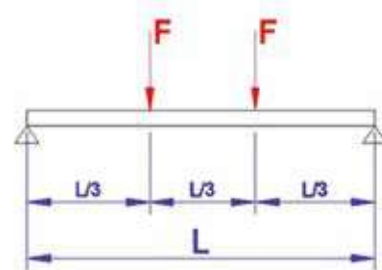
STRUD CHANNELS

CASE 1



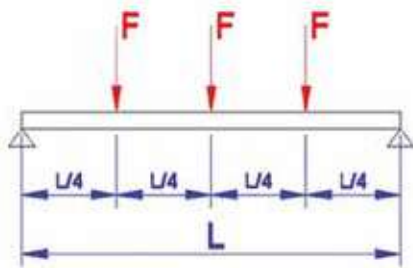
Punctual load in the centre

CASE 2



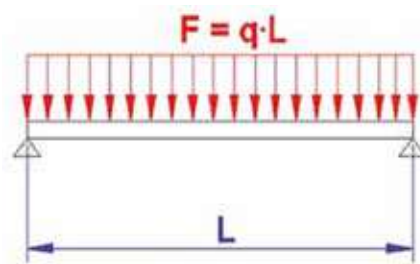
Two punctual loads in $L/3$

CASE 3

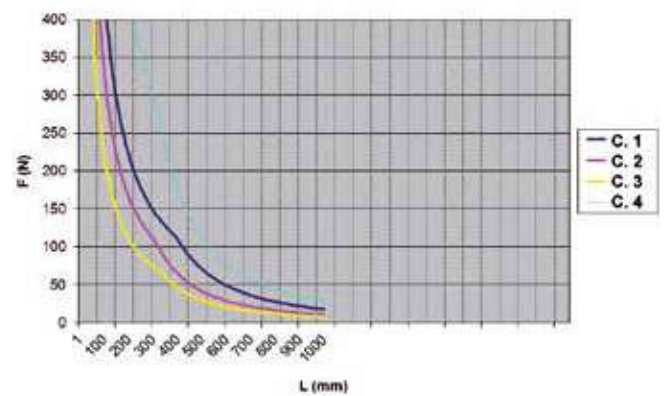
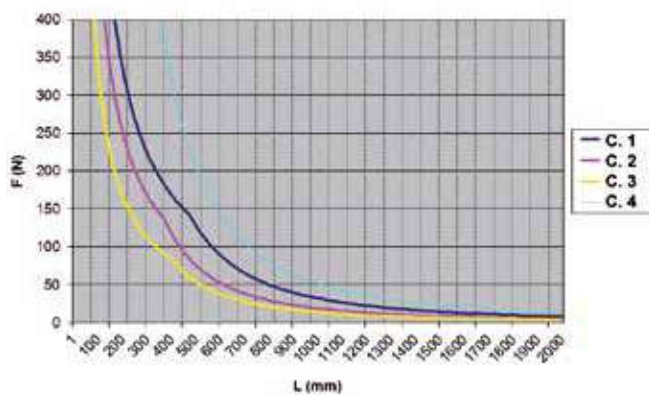


Three punctual loads in $L/4$

CASE 4

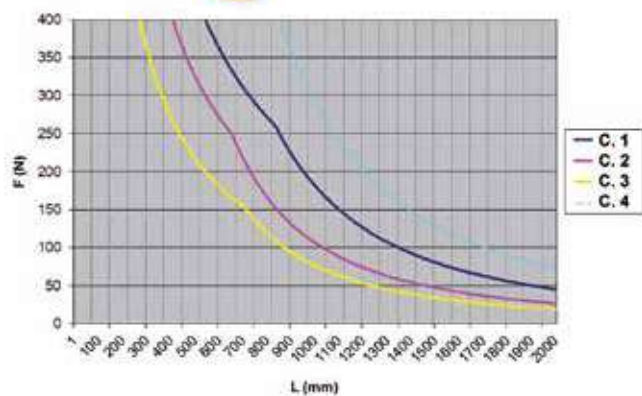


Uniform load

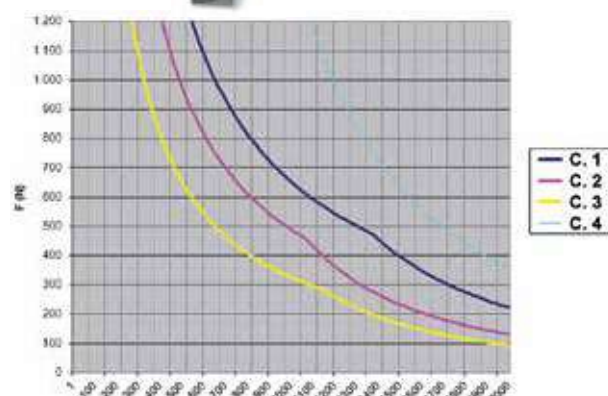




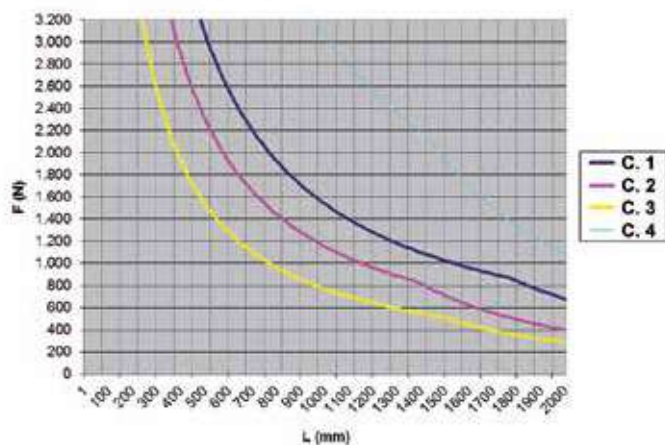
Strut channel
27 / 18



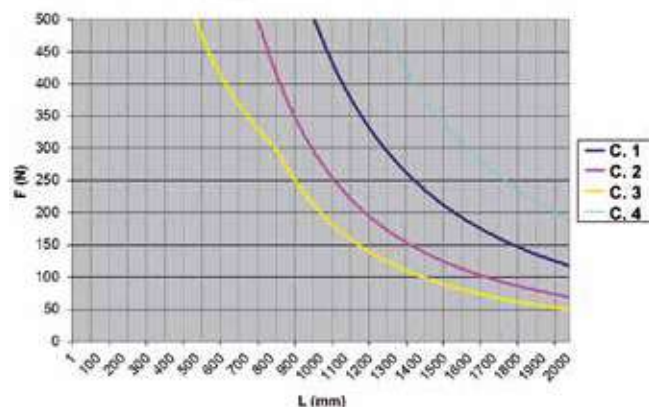
Strut channel
28 / 30



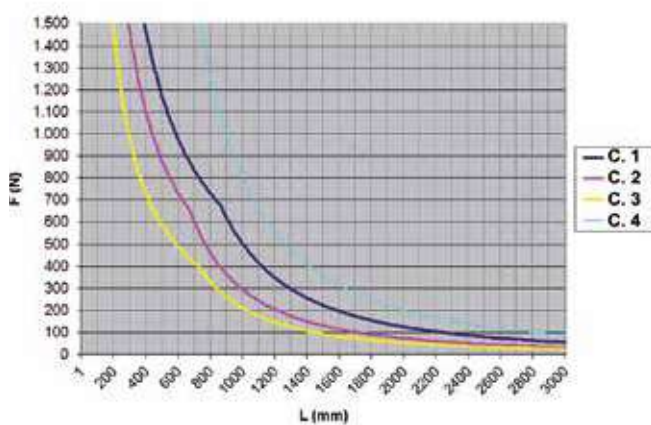
Strut channel
38 / 40



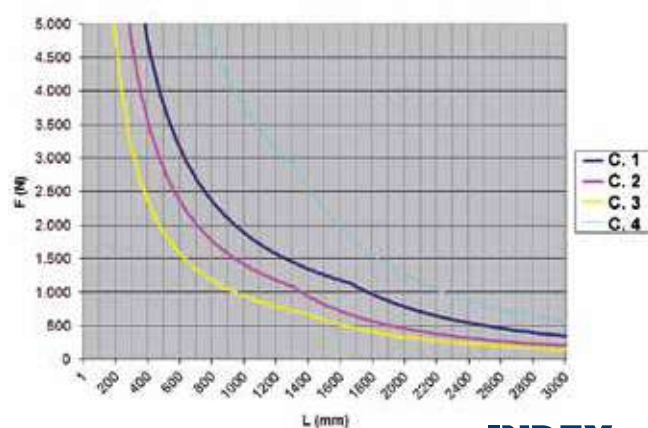
Strut channel
40 / 20



Strut channel
41 / 21

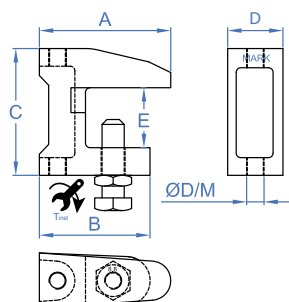


Strut channel
41 / 41



SU

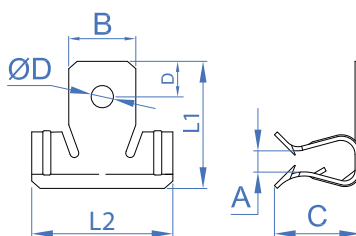
Quick beam attachment system



SU-MO

Beam clamp

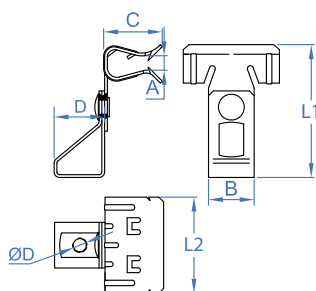
CODE	A	B	C	D	E	TORQUE (NM)	INSTALLATION KEY (SW)	ØD (MM)	SCREW SIZE
SUMOP09	38	35	37	18	20	10	13	PASANTE Ø9	M8 x 35
SUMOP11	44	41	42	21	20	15	17	PASANTE Ø11	M10 x 40
SUMOP13	58	48	54	24	25	15	17	PASANTE Ø13	M10 x 50
SUMOM06	38	35	37	18	20	10	13	ROSCADO M6	M6 x 35
SUMOM08	38	35	37	18	20	10	13	ROSCADO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

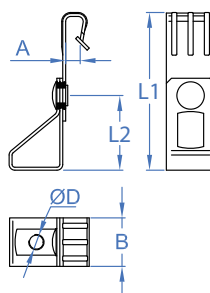
CODE	A	B	C	D	L1	L2	ØD (MM)
SUCL02	1,5 - 4	13	14	10	28	28	6.3
SUCL04	4 - 10	19	23	10	34	40	6.3
SUCL10	10 - 15	19	23	10	40	40	6.3
SUCL15	15 - 20	19	23	10	40	40	6.3



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

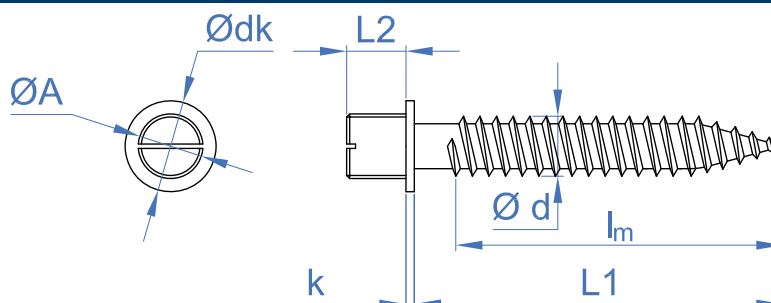
SU-CA

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

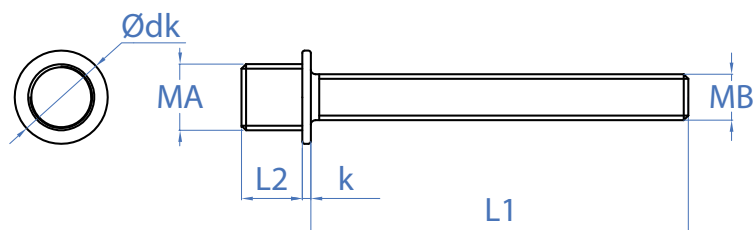
Yellow zinc-plated. Slotted

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

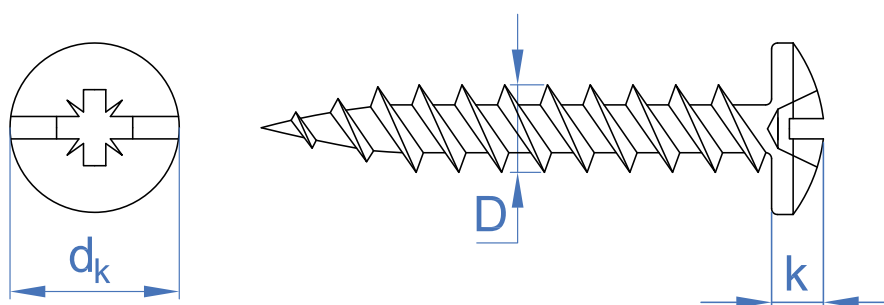
CODE	METRIC	ØD	L1	L2	K	ØDK	THREAD LENGTH
ABTA20630	M6	5	30	7	1,2	7,8	30



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



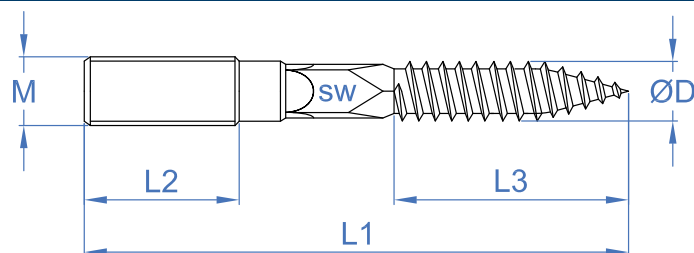
AB-TG

Threaded screws for clips

CODE	LENGTH	INSTALLATION KEY	ØDK	K	ØD(MM)90
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

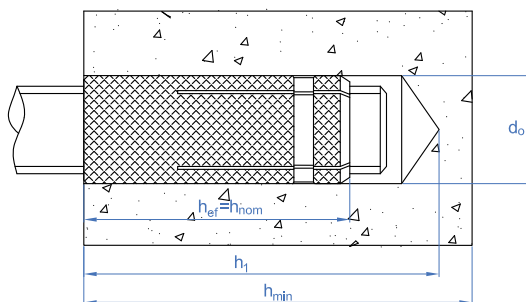
ES-DA2

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



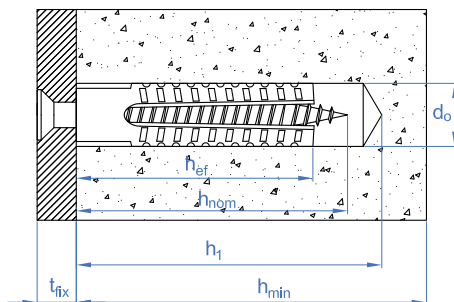
TALA

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



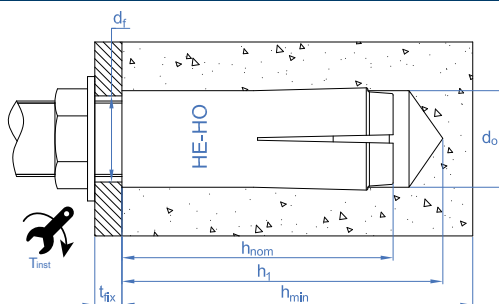
TA-ME

Steel expansion plug

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE
TAME05030	M5 x 30	5	40	60	60	120	20
TAME06032	M6 x 32	6	40	60	60	120	22
TAME08038	M8 x 38	8	50	70	70	140	40
TAME08060	M8 x 60	8	70	120	120	240	47
TAME10060	M10 x 60	10	70	120	120	240	52

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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HEHOM06	M6	8	27	25	4	7	100	105	60	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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HEA4M06	M6	8	27	25	4	7	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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HECLOM06	M6	8	27	25	4	7	100	105	60	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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
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

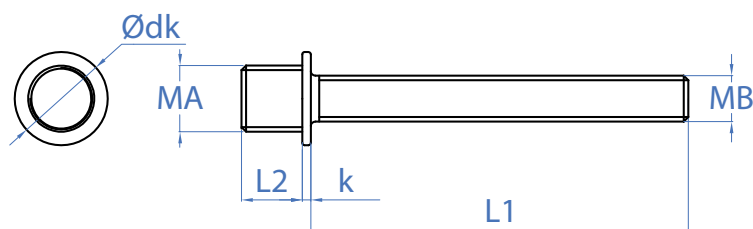
HE-NO

Zinc-plated

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
HENOM06	M6	8	27	25	4	7	100	105	60	175	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



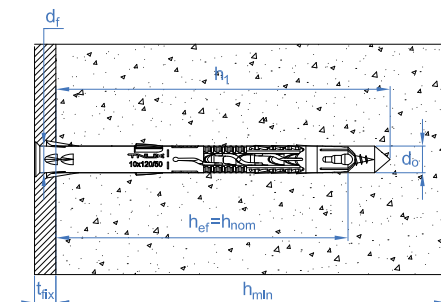
AB-TR

Threaded screw for clamps

CODE	METRIC	L1	L2	K	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

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

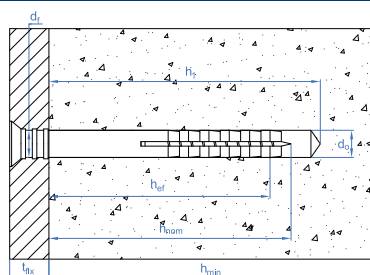
T-FUX E

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



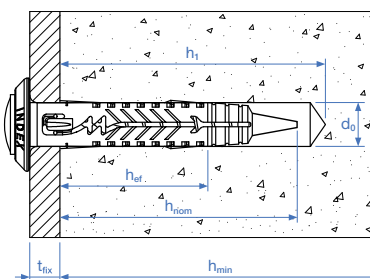
TC-CA

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



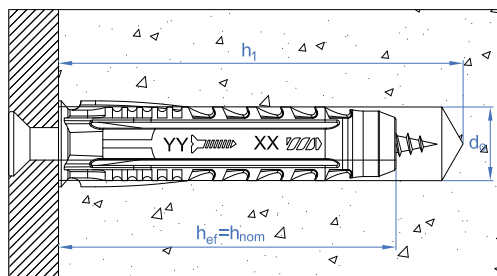
TC-SP

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



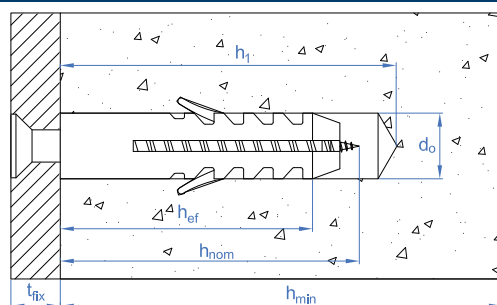
TN4S

Plug

CODE	MXL	DRILL Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	MIN. SUBSTRATE THICKNESS	TENSION LOAD NON-CRACKED CONCRETE	TENSION LOAD SOLID BRICK	TENSION LOAD HOLLOW BRICK	SCREW SIZE
TN4S05	5 x 25	5	30	25	35	15	7	4	TPPO 2,5-4
TN4S06	6 x 30	6	40	30	45	15	7	4	TPPO 3,5-4
TN4S08	8 x 40	8	50	40	55	40	16	8	TPPO 4,5, TB 5-6
TN4S10	10 x 50	10	60	50	65	116	23	11	TB 6-8
TN4S12	12 x 60	12	70	60	75	108	40	20	TB 8-10
TN4S14	14 x 70	14	80	70	85	193	125	63	TB 10-12

TACON

Nylon plug



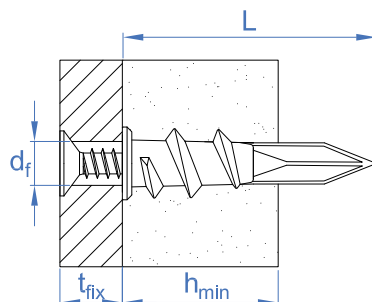
TACON/TACOL/TACOLA

Plug

CODE	MXL	DRILL Ø	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

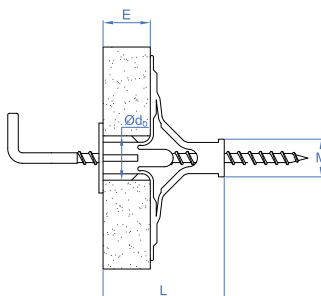
TAPLA ZK

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



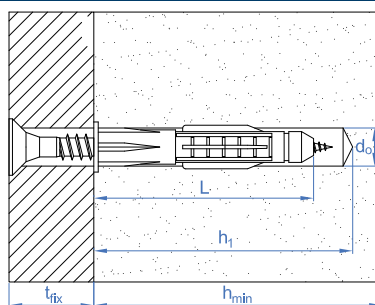
ANCLA

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



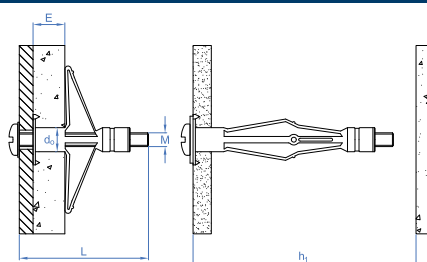
MEDU

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 -hmin	20	20
INCO432	M4 x 41	8	41	3-10	22 -hmin	20	20
INCO438	M4 x 47	8	47	9-16	30 -hmin	20	20
INCO446	M4 x 53	8	53	15-22	33 -hmin	20	20

CODE	MXL	DRILL Ø	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

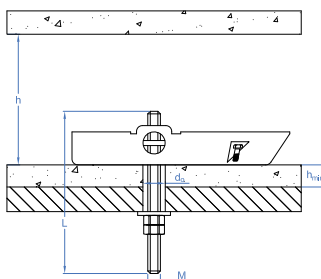
IN-HE

With hexagonal screw

CODE	MXL	DRILL Ø	MINIMUM CAVITY "H"	MIN. SUBSTRATE THICKNESS	MAX. FIXTURE THICKNESS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
INHE837	M8 x 45	14	45	5-13	25 -hmin	20	40
INHE855	M8 x 60	14	60	6-18	36 -hmin	20	40
INHE865	M8 x 73	14	73	17-33	47 -hmin	20	40

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 ≤	DRILL Ø	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
BAESM04	M4 x 100	74	14	70	10	5	5
BAESM05	M5 x 100	72	14	70	12	5	5
BAESM06	M6 x 100	68	16	75	13	6	6
BAESM08	M8 x 100	60	20	85	14	6	6

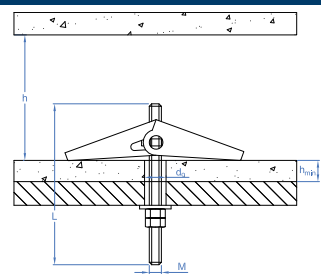
BA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ≤	DRILL Ø	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 ≤	DRILL Ø	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

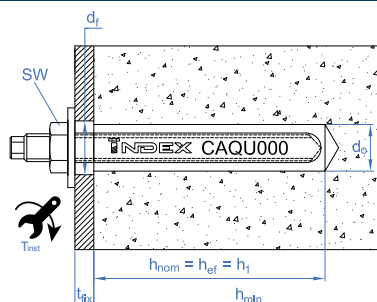
PA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED ≤	DRILL Ø	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



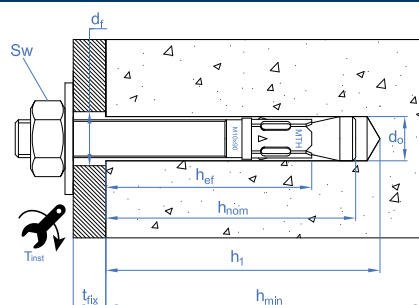
CA-QU

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

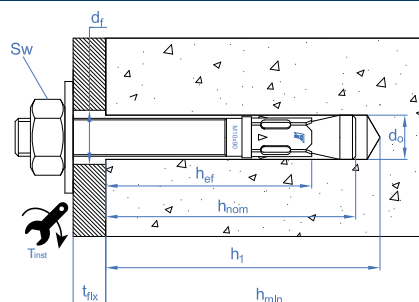
MTH-A2

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
MI06045	M6 x 45	1	6	40	35	10	7	A	7	100	40	75	298	287
MI06060	M6 x 60	2	6	55	50	10	7	B	7	100	60	120	438	287
MI06080	M6 x 80	22	6	55	50	10	7	D	7	100	60	120	438	287
MI06120	M6 x 120	62	6	55	50	10	7	G	7	100	60	120	438	287
MI06140	M6 x 140	82	6	55	50	10	7	I	7	100	60	120	438	287
MI06160	M6 x 160	102	6	55	50	10	7	J	7	100	60	120	438	287
MI06170	M6 x 170	112	6	55	50	10	7	K	7	100	60	120	438	287
MI06180	M6 x 180	122	6	55	50	10	7	L	7	100	60	120	438	287
MI08050	M8 x 50	4	8	40	35	13	20	A	9	100	40	75	219	263
MI08075	M8 x 75	5	8	65	60	13	20	C	9	100	72	144	582	522
MI08090	M8 x 90	20	8	65	60	13	20	E	9	100	72	144	582	522
MI08115	M8 x 115	45	8	65	60	13	20	G	9	100	72	144	582	522
MI10070	M10 x 70	3	10	60	54	17	35	C	12	100	60	120	485	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

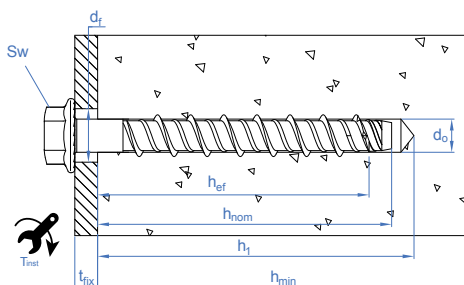
Zinc-plated shaft. Zinc-plated clip

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
THE16100	Ø16 x 100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THE16150	Ø16 x 150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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

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
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
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
TFE16100	Ø16 x 100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TFE16150	Ø16 x 150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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

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
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 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
TFN14080	Ø14 x 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 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
TFS06100	Ø6 x 100	100	6	65	100	9	55	35	10	65	129	5	673	608	471	542
TFS06120	Ø6 x 120	120	6	65	100	9	55	55	10	65	129	5	673	608	471	542
TFS08110	Ø8 x 110	110	8	75	100	12	65	32	20	76	152	7	857	950	600	762
TFS08130	Ø8 x 130	130	8	75	100	12	65	52	20	76	152	7	857	950	600	762
TFS10120	Ø10 x 120	120	10	85	120	14	75	27	30	88	176	8	1068	1330	748	987
TFS10140	Ø10 x 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 Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFF06035	Ø6 x 35	35	6	45	100	--	35	10	39	78	13	202	608	185	454
TFF06055	Ø6 x 55	55	6	55	100	--	55	10	65	129	13	673	608	471	542

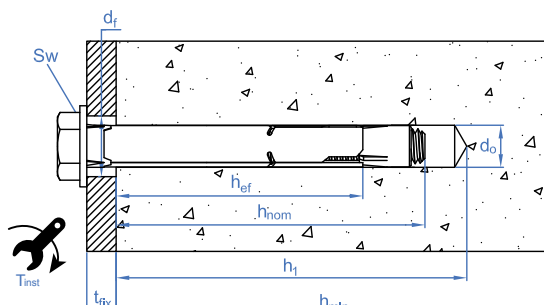
TFM

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

CODE	MXL	LENGTH	DRILL Ø	HOLE DEPTH MIN.	MIN. SUBSTRATE THICKNESS	Ø ELEMENT TO FIX	MIN. ANCHOR DEPTH	TORQUE (NM)	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	INSTALLATION KEY	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE	TENSION LOAD CRACKED CONCRETE	SHEAR LOAD CRACKED CONCRETE
TFM06035	Ø6 x 35	35	6	45	100	--	35	10	39	78	13	202	608	185	454
TFM06055	Ø6 x 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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHT08C	M6 x 45	5	8	45	39	10	10	9	100	41	41	267	351
ACHT08L	M6 x 60	20	8	45	39	10	10	9	100	41	41	267	351
ACHT09C	M6 x 45	5	9	45	39	10	10	10	100	41	41	267	351
ACHT09L	M6 x 60	20	9	45	39	10	10	10	100	41	41	267	351
ACHT10C	M8 x 60	5	10	60	51	13	20	12	100	54	54	485	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 Ø	HOLE DEPTH MIN.	MIN. ANCHOR DEPTH	INSTALLATION KEY	TORQUE (NM)	Ø ELEMENT TO FIX	MIN. SUBSTRATE THICKNESS	MIN. DISTANCE TO EDGE "A"	MIN. DISTANCE FROM AXIS "B"	TENSION LOAD NON-CRACKED CONCRETE	SHEAR LOAD NON-CRACKED CONCRETE
ACHTA208C	M6 x 45	5	8	45	39	10	10	9	100	41	41	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 PSL	5,5	1,5																		6,0																		
	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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INDEX[®]
A PERFECT FIXING

The image shows a brown cardboard box in the foreground, featuring the INDEX logo and tagline. The background is a blurred warehouse or industrial setting with a worker in a blue uniform and bright overhead lights.

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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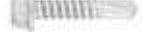
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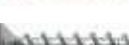
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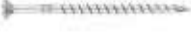
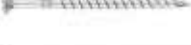
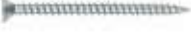
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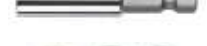
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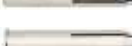
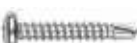
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Handwriting practice area with 20 sets of dotted lines on a light blue background.



Handwriting practice area with 20 sets of dotted lines on a light blue background.



Handwriting practice area with 20 sets of dotted lines for tracing on a light gray background.



Handwriting practice area with 20 sets of dotted lines on a light blue background.



Handwriting practice area with 20 sets of dotted lines on a light blue background.



Handwriting practice lines consisting of 20 horizontal dotted lines.



Handwriting practice lines consisting of 20 horizontal dotted lines.

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