

SUPPORT SYSTEMS
2025



INDEX[®]
A PERFECT FIXING

A
PERFECT
FIXING

SUPPORT SYSTEMS 2025



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A perfect fixing for your business

At INDEX®, we offer global fixing solutions adapted to the needs of your activity, regardless of the size of your business.

Our experience as manufacturers and industrial suppliers of fixing systems allows us to guarantee the quality and personalisation of our products.

But we are much more than that we are a large team engaged in continuous research, development and innovation.

Our goal:

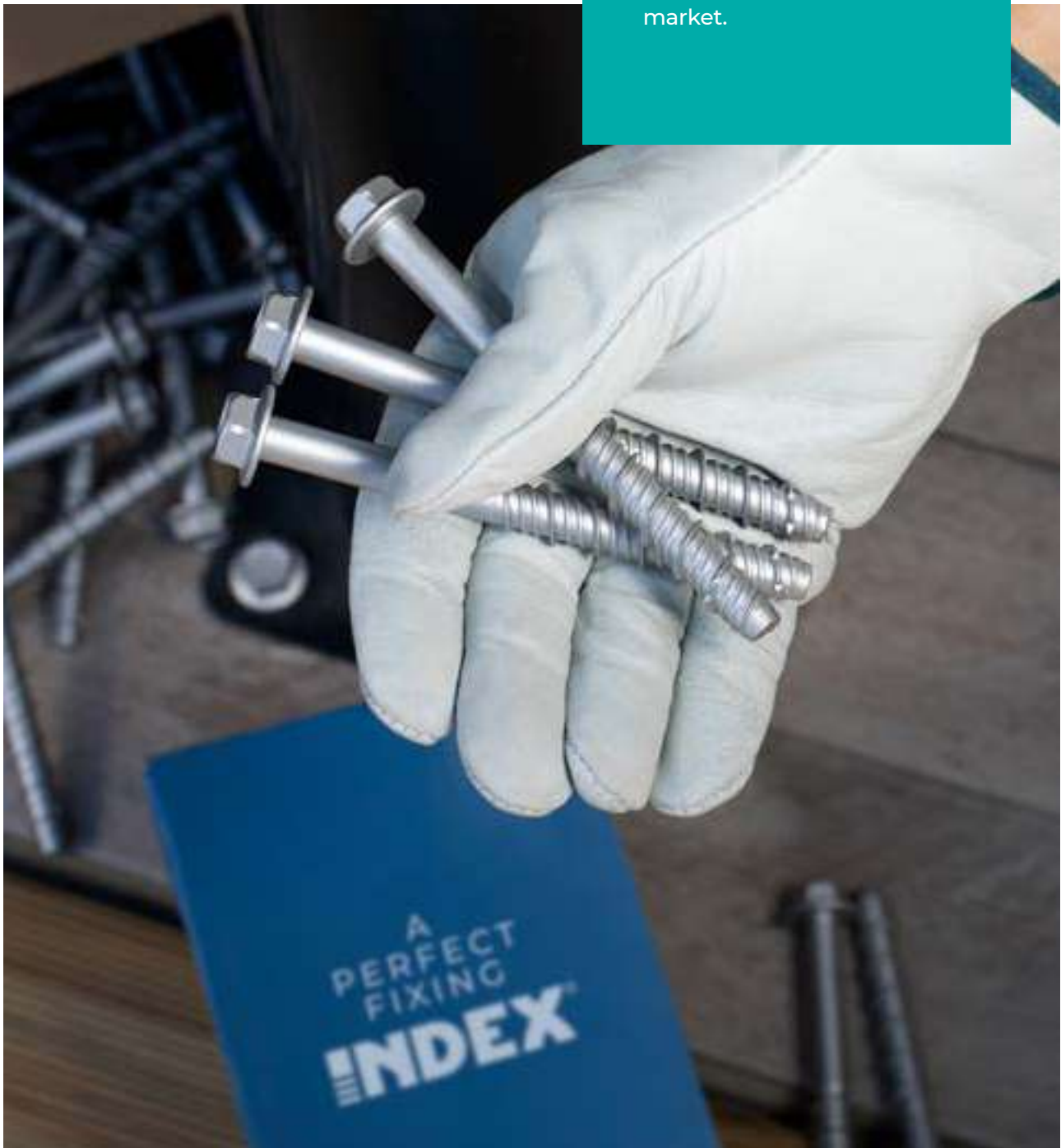
TO PROVIDE THE PERFECT FIXING.





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® is different:



AVAILABILITY AND WIDE PRODUCT RANGE

More than 10,000 references with permanent stock guaranteed.



WE ARE EXPERT MANUFACTURERS

We have been manufacturing fixing systems for over 30 years. This experience allows us to ensure the maximum quality of our products, the best service, and competitive overall costs.



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.



QUALITY CUSTOMER SERVICE

Our customers are at the heart of everything we do. We put our team of more than 300 professionals to work for you.



WE WORK WITH THE CHANNEL

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



CERTIFIED QUALITY

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



DIGITAL SERVICES

We help our clients in the digitalisation of their business.



ENGINEERING AND TECHNICAL SUPPORT SERVICES

We support our clients and your customers through structural designs and calculations, joint site visits, and technical training on topics related to fixing systems.



INDEX SPACE STUDIO

We work on the design and installation of display cases in our clients' sales points.



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).



Más info:



We are expert manufacturers

Our control over the entire production process combined with over 40 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.



Más info:



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.



Más info:





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.



Más info:



We work with the distribution channel

We sell through the distribution channel, enabling us to be close to our clients and gain first-hand market knowledge.

To offer you the best service, we operate in the most important channels, with product ranges adapted to each channel and highly qualified professionals to provide you with the best service.



Más info:





Certified Quality

At INDEX® quality is a commitment to each and every one of our customers. A quality seal certifies that the path taken is the right one, and represents an alliance with our customers born out of our strong intention to continue along that path.

Endorsed by the ISO 9001 certification, we maintain our commitment to quality with our customers. Additionally, our certifications and approvals come from the most important official bodies and most prestigious institutions worldwide.

Más info:



We have the following approvals for our products:



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



GEV – EMICODE®



PAHs



REACH



RoHS

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





DIGITAL SERVICES

WE OPTIMISE PROCESSES, WE STRENGTHEN YOUR BUSINESS

At INDEX, we understand that the key to business success lies in efficiency, digitalisation and the strengthening of each aspect of your business. We are therefore pleased to present you our digital services, designed to take your business to the next level, optimising your processes. Our commitment is to freeing up your time by automating tedious tasks, mitigating risks and taking advantage of available information in an intelligent and efficient way.

Más info:



1 INTEGRATION OF SYTEMS

Integrate your ERP with INDEX® and automate your management of orders, invoices and delivery slips.



4 RETAIL MEDIA MARKETING

We offer you multimedia content and assistance services designed to strengthen not only your online presence, but also the general performance of your business in the digital environment.



2 E-COMMERCE

Online store available 24 hours a day, 365 days a year to shop autonomously and without having to wait. Buy products when you need them. Easy access to all updated information on orders, inventory and products.



5 INDUSTRY DATABASE

Through our presence in industry databases, we offer access to updated information on our products and facilitate integration with your systems so you can use them effectively in all your channels.



3 RETAIL CONNECT

We connect our website to our clients' online or physical stores to boost their sales. This means the end customer can check the list of distributors with available stock on our website and purchase the product in an online or physical shop.





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.

Cuenta con nosotros para el diseño y cálculo de fijaciones, visitas a obras y formaciones técnicas sobre todo lo relacionado con el mundo de la fijación.



1 ENGINEERING SERVICES AND CALCULATIONS

At INDEX® we want to offer our customers the most comprehensive service. In addition to providing them with the best fixing and anchor solutions, our team of specialised engineers technically advises all our customers. We also have powerful software tools to do any necessary calculations with total accuracy.

3 WIDE RANGE OF TECHNICAL DOCUMENTATION AVAILABLE

Full technical information about products is sometimes required, specifying complex technical concepts. That's why we make available a wide range of technical documents for all INDEX® products: technical data sheets, safety data sheets, DoP, approvals, certifications, installation videos, etc. And it's all available at a simple click on our website.

2 TECHNICAL TRAINING

Our engineering department provides specific and personalised training on the different topics related to fixing systems: metallic or chemical fixings, installation systems, regulations, calculations, etc.

4 CAD DOCUMENTS Y CYPE RESOURCES

At INDEX we want to facilitate the process when carrying out a project and to propose the best solutions. We have a library where the CAD files of our products are gathered.

5 SPECIALISED SOFTWARE

INDEX® design and calculation software is an excellent tool for completing projects. It is very helpful for engineers, first fix carpenters and professional installers.

It provides countless parameters for measuring and calculating any project, always ensuring compliance with the standards required by approvals and certifications.



INDEXcal

ANCHOR CALCULATION SOFTWARE

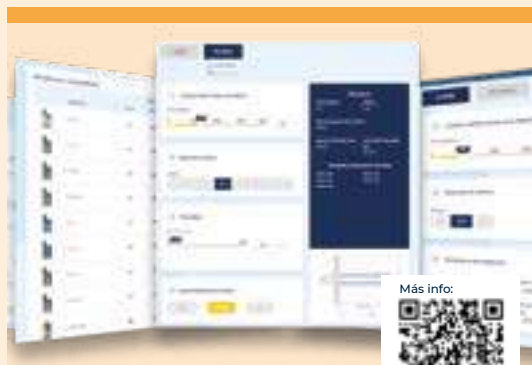
The INDEXcal anchors calculation programme is the best tool for designers of structural solutions to comply with the requirements of part 4 of Eurocode 2. Quickly and thoroughly check all the anchors in our catalogue based on the parameters entered by the user, indicating whether or not they fit.



INDEXwood

DESIGN SOFTWARE FOR CALCULATING WOODEN STRUCTURES

The software makes it possible to simply calculate wooden structural fixings with self-tapping screws according to Eurocode 5 (EN 1995-1-1 standard). It includes all the items in our catalogue with the CE marking.



INDEXmor CLOUD

ONLINE SOFTWARE FOR CALCULATING MORTARS

The software can do an online calculation of how many cartridges are necessary to use based on the parameters entered, both in wood and in concrete (metric rebar and corrugated rods).



INDEX Solar Fixing

APPLICATION FOR CALCULATING ANCHORAGES FOR SOLAR PANELS

The Solar Fixing APP will accurately provide you with the fixing installation systems necessary for the correct installation of solar panels.



INDEX Space Studio

INDEX Space Studio is the INDEX® service offering customised display design and installation at the premises of our distributors.

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



Más info:



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.

INDEX SPACE STUDIO IN 3 STEPS

1

ANALYSIS

The INDEX ® sales team works with the customer to analyse their needs such as, available space, products to be incorporated, type of packaging, etc.

2

DESIGN AND PRESENTATION

With the information obtained, the specialised installation team organises and optimises the product selection with a 3D simulation of the shelving showing the exact arrangement of the product selection.

3

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.

OUR SERVICE GOES ABOVE AND BEYOND

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

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, they are perfect for chemicals, silicones and polyurethane foams.

PROMOTIONAL DISPLAYS AND OTHERS



Possible combinations.

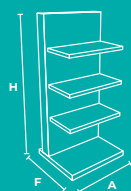
Sizes per unit:
100 x 50 x 150 cm (A x F x H)

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:

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

Other sizes available upon request.

(Delivery time of 4 weeks):

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

Packaging

Every user requires specific solutions to their particular quantity and packaging needs. INDEX® is aware of this, which is why we have 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 who need small quantities.



PLASTIC CONTAINERS

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



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 shelf signage, posters, totems, stickers and much more!

Más info:



WE EXPAND RANGE

INSTALLATION SYSTEMS AND FIXINGS FOR PHOTOVOLTAIC PANELS

 CL-CCS Clip for cable conduction. Simple	 KFS-RV Threaded rod for chemical anchor installation. Stainless steel A2
 CL-EX Extraction tool for CL solar fixing clips	 KT-PSC Kit for solar installations. Triangular with PSE-C aluminium profile. Assembled fixing
 CL-GS Clip for fastening of solar panels by clipping	 BBI-SDS SDS-plus drill bits. Low impact
 CL-PG Rubber separator between panels for CL-GS clips	 GM-N Aluminium gauge for solar frame. Black
 CL-SC Clip for fastening connections between cables	 MS-IS Hybrid waterproofing membrane
 CL-TT Clip for screwless earthing cable	 PGS-N Simple clamp. Black
 GS-PI Roof hook for slate roofing tile. Stainless steel A2	 PMO Plate for double threaded screw. Stainless steel A2
 GS-TC Adjustable roof hook for curved roof tile. Stainless steel A2	 PSA-A Winged aluminum profile
 GS-TP Roof hook for flat roof tile. Stainless steel A2	 PSE-A Aluminium profile for assembled fixing
 GS-TU Adjustable roof hook for universal roof tile. Stainless steel A2	 PSE-C Aluminium profile for side mounting
 KFR-SCN Quick pre-assembled clamp	 PST 3 + ARVUL A2 Self-drilling screw for sandwich panels. Point #3 with ATLANTIS C4-M coating and A2 stainless washer
 KFR-SS Simple pre-assembled clamp	 PST 5 + ARVUL A2 Self-drilling screw for sandwich panels. Extra long drill #5 with ATLANTIS C4-M coating and A2 stainless washer
 KFS-FC Cross connector for lateral fixing. PSE-C profile	 TPA-A Pre-assembled aluminum open triangle. Valid for guides PSE-C y PSE-A
 KFS-FI Cross connector for bottom fixing. Stainless steel A2	 TPA-C Pre-assembled aluminum closed triangle. Valid for guides PSE-C y PSE-A
 KFS-MA Double threaded stud. Stainless steel A2	 TP-PS Lateral cap for solar profile

WE EXPAND RANGE

CONCRETE SCREW ANCHOR

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	TXA NEW Bimetal (Stainless steel A4 body and hardened carbon steel point). Countersunk head
	TXP NEW Bimetal (Stainless steel A4 body and hardened carbon steel point). Pan head
	TXT NEW Bimetal (Stainless steel A4 body and hardened carbon steel point). Truss head
	THE NEW SIZES ATLANTIS C3-H coating. Hexagon head
	TFA NEW SIZES Zinc plated coating. Countersunk head
	TFE NEW SIZE Zinc plated coating. Hexagon head
	TFF NEW Zinc plated coating. Hanger female
	TFP NEW Zinc plated coating. Pan head
	TFT NEW Zinc plated coating. Truss head
	TFY NEW Zinc plated coating. Eye bolt head
	DO-TFY NEW Setting tool for TFY

STAINLESS STEEL A4

+

CARBON STEEL

BIMETAL TECHNOLOGY









NEW PRODUCTS | NEW SIZES

T-FUX E

Universal high performance nylon plug.
Cylindrical head wall plug. Hexagonal head
screw. TX recess. Zinc-plated. ETA Assessed



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BA-NY

Gravity toggle for fixing lightweight in ceilings.
Nylon



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PU-PMI

1/4" magnetic bit holder. Stainless steel



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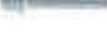
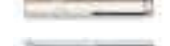
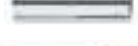
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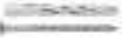
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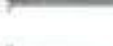
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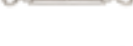
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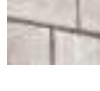
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MATERIALS AND PRODUCT COATINGS

 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-PLATED BLACK  ZINC-PLATED WHITE  PHOSPHATED COATED  PLASTIC COATED
C2	LOW	Unheated spaces with variable temperature and relative humidity. Low condensation frequency and low contamination, such as storage, sports pavilions.	Temperate areas, atmospheric environment with low contamination (SO ₂ : <5 g/m ³), such as rural areas and small cities. Dry or cold areas, atmospheric environment with little humid weather, such as deserts and sub-Arctic areas.	 ATLANTIS C2-H  ATLANTIS C2-M  ATLANTIS C2-L  YELLOW ZINC PLATED  BLUE ORGANIC GALVANISED
C3	MEDIUM	Spaces with moderate condensation frequency and moderate contamination from a production process, such as food processing plants, laundries, breweries, dairies.	Temperate areas, atmospheric environment with medium contamination (SO ₂ : 5µ g/m ³ to 30µ g/m ³) or some chloride effects, such as urban areas, coastal areas with low chloride deposition. Tropical and subtropical area, atmosphere with low contamination.	 ATLANTIS C3-H  ATLANTIS C3-M  ATLANTIS C3-L  INOX AISI 430
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  STAINLESS A2 (AISI 304)
C5	VERY HIGH	Spaces with a very high frequency of condensation and/or high contamination from a production process, such as mines, industrial vaults, unventilated spaces in tropical and subtropical areas.	Temperate and subtropical areas, atmospheric environment with very high contamination (SO ₂ : 90 g/m ³ to 250 g/m ³) and/or significant chloride effects, such as industrial areas, coastal areas (0-1 km), protected installations on the coast.	 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. 34										
	Ø 15 - Ø 125	80		1,5	20	Fast lateral	M8	-	-	-
AB-IA APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 35										
	Ø 15 - Ø 125	80		1,5	20	Fast lateral	M8	-		
AB-IR APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 35										
	Ø 15 - Ø 60	60		1,25	19	Fast vertical	M8	-		
AB-RE AB-RE V APPLICATIONS: Sanitation, Electric, Ventilation P. 36										
	Ø 18 - Ø 1250	150 - 200		1,8 - 2,3	19	Screw	M8 / M10	-	-	-
AB-RI AB-RI V APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 38										
	Ø 18 - Ø 1250	150 - 200		1,8 - 2,3	19	Screw	M8 / M10	-		
AB-RE A2 AB-RE A4 APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 37										
	Ø 18 - Ø 1250	150 - 200	 AB-RE A2  AB-RE A4	1,8 - 2,3	19	Screw	M8 / M10	-		
AB-RI A2 AB-RI A4 APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation P. 39										
	Ø 18 - Ø 1250	150 - 200	 AB-RI A2  AB-RI A4	1,8 - 2,3	19	Screw	M8 / M10	-		
AB-RI DES APPLICATIONS: Sanitation, Electric P. 40										
	Ø 16 - Ø 160	150		1,2 - 2,0	20	Fast lateral	M8 / M10	-		

	SIZES (mm)	RECOMMENDED LOAD kg	COATING	THICKNESS (mm)	WIDTH (mm)	OPENING	COUPLING NUT	ASSESSMENT	ISOPHONIC	CTE
AB-ICP	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 40
	Ø 60 - Ø 135	200		2,75 - 4,0	30 - 40	Screw	M8 / M10 M10 / M12 M12 / M16	-		
AB-AIS	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 41
	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. 42
	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. 42
	Ø 50 - Ø 315	100		1	28	Screw	M8	-	-	-
AB-ZI	APPLICATIONS: Gas, Sanitation									P. 43
	Ø 16 - Ø 230	250 - 350		M6 - M8 - M10	-	-	-	-	-	-
AB-SA	APPLICATIONS: Gas, Sanitation									P. 44
	-	-		5 - 6	-	-	-	-	-	-
AB-GP	APPLICATIONS: Sanitation, Industrial									P. 44
	Ø 25 - Ø 235	-		0,6 - 1,8	18 - 25	Screw	-	-	-	-

AB-RA

Reinforced pipe clamp M8 opened



ADVANTAGES

Screw with plastic washer to avoid its lost
M8 soldered nut

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P. 412

SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRA015	15 (M8)	12 - 16	80	50	300
ABRA018	18 (M8)	15 - 19	80	50	300
ABRA022	22 (M8)	20 - 25	80	50	200
ABRA028	28 (M8)	26 - 30	80	50	200
ABRA035	35 (M8)	32 - 36	80	50	150
ABRA042	42 (M8)	38 - 43	80	50	150
ABRA048	48 (M8)	47 - 51	80	50	100
ABRA054	54 (M8)	53 - 58	80	25	100
ABRA060	60 (M8)	60 - 64	80	25	75
ABRA075	75 (M8)	75 - 80	80	25	50
ABRA090	90 (M8)	87 - 92	80	25	50
ABRA100	100 (M8)	99 - 105	80	25	50
ABRA110	110 (M8)	107 - 112	80	25	50
ABRA115	115 (M8)	113 - 118	80	25	50
ABRA125	125 (M8)	125 - 130	80	25	50

APPLICATION EXAMPLES



Reinforced isophonic pipe clamp M8 opened

AB-IA

02 Technical
P. 412 info

SANITATION



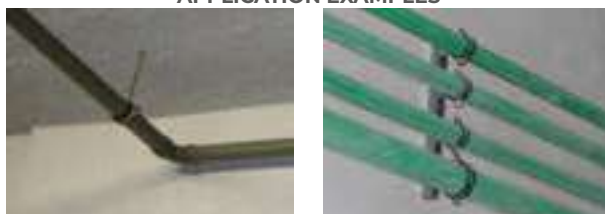
CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABIA015	15 (M8)	12 - 16	80	50	200
ABIA018	18 (M8)	15 - 19	80	50	200
ABIA022	22 (M8)	20 - 25	80	50	150
ABIA028	28 (M8)	26 - 30	80	50	100
ABIA035	35 (M8)	32 - 36	80	50	100
ABIA042	42 (M8)	38 - 43	80	50	-
ABIA048	48 (M8)	47 - 51	80	50	-
ABIA054	54 (M8)	53 - 58	80	25	50
ABIA060	60 (M8)	60 - 64	80	25	50
ABIA075	75 (M8)	75 - 80	80	25	50
ABIA090	90 (M8)	87 - 92	80	25	50
ABIA100	100 (M8)	99 - 105	80	25	50
ABIA110	110 (M8)	107 - 112	80	25	-
ABIA115	115 (M8)	113 - 118	80	25	-
ABIA125	125 (M8)	125 - 130	80	25	-


CTE
Clamp Type
of the AB-IA family

ADVANTAGES

Screw with plastic washer to avoid
its lost
M8 soldered nut

APPLICATION EXAMPLES



Isophonic pipe clamp M8 fast-clip

AB-IR

02 Technical
P. 412 info

SANITATION



CODE	SIZE	ØD(MM)	SIZE IN INCHES	MAXIMUN LOAD		
ABIR015	15 (M8)	14 - 15	M8	60	50	300
ABIR018	18 (M8)	16 - 19	M8	60	50	300
ABIR022	22 (M8)	21 - 23	M8	60	50	200
ABIR028	28 (M8)	26 - 28	M8	60	50	150
ABIR035	35 (M8)	32 - 35	M8	60	50	100
ABIR040	40 (M8)	40 - 43	M8	60	25	100
ABIR048	48 (M8)	48 - 51	M8	60	25	100
ABIR054	54 (M8)	52 - 56	M8	60	25	75
ABIR060	60 (M8)	57 - 60	M8	60	25	75


CTE
Clamp Type
of the AB-IR family

APPLICATION EXAMPLES



ADVANTAGES

Single screw
Fast installation
Isophonic
TBC compliant

AB-RE

Reinforced pipe clamp M8 + M10

AB-RE

Zinc-plated



ADVANTAGES

Screw with plastic washer to avoid its lost
Reinforced

APPLICATION EXAMPLES



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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRE018	18 (M8+M10)	15 - 19	80	50	300
ABRE022	22 (M8+M10)	20 - 25	80	50	200
ABRE028	28 (M8+M10)	26 - 30	80	50	150
ABRE035	35 (M8+M10)	32 - 36	80	50	100
ABRE040	40 (M8+M10)	38 - 43	80	25	100
ABRE048	48 (M8+M10)	47 - 51	80	25	100
ABRE054	54 (M8+M10)	53 - 56	80	25	75
ABRE060	60 (M8+M10)	60 - 64	80	25	75
ABRE070	70 (M8+M10)	68 - 72	80	25	50
ABRE075	75 (M8+M10)	75 - 80	150	25	50
ABRE083	83 (M8+M10)	81 - 86	150	25	-
ABRE090	90 (M8+M10)	87 - 92	150	25	-
ABRE100	100 (M8+M10)	99 - 105	150	25	-
ABRE110	110 (M8+M10)	107 - 112	150	25	-
ABRE115	115 (M8+M10)	113 - 118	200	25	-
ABRE125	125 (M8+M10)	125 - 130	200	25	-
ABRE133	133 (M8+M10)	132 - 137	200	25	-
ABRE140	140 (M8+M10)	138 - 142	200	25	-
ABRE150	150 (M8+M10)	148 - 152	200	25	-
ABRE160	160 (M8+M10)	159 - 166	200	25	-
ABRE180	180 (M8+M10)	179 - 184	200	25	-
ABRE200	200 (M8+M10)	199 - 212	200	25	-
ABRE220	220 (M8+M10)	215 - 226	200	25	-
ABRE250	250 (M8+M10)	245 - 254	200	25	-
ABRE280	280 (M8+M10)	278 - 284	200	25	-
ABRE300	300 (M8+M10)	299 - 304	200	25	-
ABRE315	315 (M8+M10)	314 - 319	200	25	-
ABRE355	355 (M8+M10)	354 - 359	200	25	-

AB-RE V

Zinc-plated. Ventilation



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Technical
info

SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD	
ABRE400	400 (M8+M10)	399 - 404	200	25
ABRE450	450 (M8+M10)	449 - 454	200	10
ABRE500	500 (M8+M10)	499 - 504	200	10
ABRE560	560 (M8+M10)	555 - 561	200	10
ABRE600	600 (M8+M10)	599 - 604	200	10
ABRE630	630 (M8+M10)	625 - 631	200	10
ABRE710	710 (M8+M10)	705 - 711	200	10
ABRE800	800 (M8+M10)	799 - 804	200	10
ABRE900	900 (M8+M10)	899 - 904	200	10
ABRE910	1000 (M8+M10)	999 - 1.004	200	10
ABRE911	1120 (M8+M10)	1.115 - 1.121	200	10
ABRE912	1250 (M8+M10)	1.245 - 1.251	200	10

Reinforced isophonic pipe clamp M8 + M10

AB-RI

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info
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STAINLESS STEEL

PVC pipe

Stainless
steel pipeA2
Inox

CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABREA2018	18 (M8+M10)	15 - 18	150	50	300
ABREA2022	22 (M8+M10)	20 - 24	150	50	200
ABREA2028	28 (M8+M10)	26 - 30	150	50	150
ABREA2035	35 (M8+M10)	32 - 36	150	50	100
ABREA2040	40 (M8+M10)	36 - 42	150	25	100
ABREA2048	48 (M8+M10)	47 - 50	150	25	100
ABREA2054	54 (M8+M10)	51 - 55	150	25	75
ABREA2060	60 (M8+M10)	60 - 64	150	25	75
ABREA2075	75 (M8+M10)	75 - 80	150	25	50
ABREA2090	90 (M8+M10)	87 - 92	150	25	-
ABREA2110	110 (M8+M10)	106 - 112	150	25	-
ABREA2115	115 (M8+M10)	114 - 119	150	25	-
ABREA2125	125 (M8+M10)	124 - 131	150	25	-
ABREA2140	140 (M8+M10)	133 - 140	150	25	-
ABREA2160	160 (M8+M10)	159 - 163	150	25	-
ABREA2200	200 (M8+M10)	199 - 212	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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info
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STAINLESS STEEL

PVC pipe

Stainless
steel pipeA4
Inox

CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABREA4018	18 (M8+M10)	15 - 18	150	50	300
ABREA4022	22 (M8+M10)	20 - 24	150	50	200
ABREA4028	28 (M8+M10)	26 - 30	150	50	150
ABREA4035	35 (M8+M10)	32 - 36	150	50	100
ABREA4040	40 (M8+M10)	36 - 42	150	25	100
ABREA4048	48 (M8+M10)	47 - 50	150	25	100
ABREA4054	54 (M8+M10)	51 - 55	150	25	75
ABREA4060	60 (M8+M10)	60 - 64	150	25	75
ABREA4075	75 (M8+M10)	75 - 80	150	25	50
ABREA4090	90 (M8+M10)	87 - 92	150	25	-
ABREA4110	110 (M8+M10)	106 - 112	150	25	-
ABREA4115	115 (M8+M10)	114 - 119	150	25	-
ABREA4125	125 (M8+M10)	124 - 131	150	25	-
ABREA4140	140 (M8+M10)	133 - 140	150	25	-
ABREA4160	160 (M8+M10)	159 - 163	150	25	-
ABREA4200	200 (M8+M10)	199 - 212	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



ADVANTAGES

Screw with plastic washer to avoid its lost

Reinforced

Isophonic

TBC compliant

APPLICATION EXAMPLES



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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRI018	18 (M8+M10)	15 - 19	80	50	200
ABRI022	22 (M8+M10)	20 - 25	80	50	150
ABRI028	28 (M8+M10)	26 - 30	80	50	150
ABRI035	35 (M8+M10)	32 - 36	80	50	100
ABRI040	40 (M8+M10)	38 - 43	80	25	75
ABRI048	48 (M8+M10)	47 - 51	80	25	75
ABRI054	54 (M8+M10)	53 - 56	80	25	50
ABRI060	60 (M8+M10)	60 - 64	80	25	50
ABRI070	70 (M8+M10)	68 - 72	80	25	-
ABRI075	75 (M8+M10)	75 - 80	150	25	-
ABRI083	83 (M8+M10)	81 - 86	150	25	-
ABRI090	90 (M8+M10)	87 - 92	150	25	-
ABRI100	100 (M8+M10)	99 - 105	150	25	-
ABRI110	110 (M8+M10)	107 - 112	150	25	-
ABRI115	115 (M8+M10)	113 - 118	200	25	-
ABRI125	125 (M8+M10)	125 - 130	200	25	-
ABRI133	133 (M8+M10)	132 - 137	200	25	-
ABRI140	140 (M8+M10)	138 - 142	200	25	-
ABRI150	150 (M8+M10)	148 - 152	200	25	-
ABRI160	160 (M8+M10)	159 - 166	200	25	-
ABRI180	180 (M8+M10)	179 - 184	200	25	-
ABRI200	200 (M8+M10)	196 - 203	200	25	-
ABRI220	220 (M8+M10)	215 - 226	200	25	-
ABRI250	250 (M8+M10)	245 - 254	200	25	-
ABRI280	280 (M8+M10)	278 - 284	200	25	-
ABRI300	300 (M8+M10)	299 - 304	200	25	-
ABRI315	315 (M8+M10)	314 - 319	200	25	-
ABRI355	355 (M8+M10)	354 - 359	200	25	-

AB-RI V

Zinc-plated. Ventilation



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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD	
ABRI400	400 (M8+M10)	399 - 404	200	25
ABRI450	450 (M8+M10)	449 - 454	200	10
ABRI500	500 (M8+M10)	499 - 504	200	10
ABRI560	560 (M8+M10)	555 - 561	200	10
ABRI600	600 (M8+M10)	599 - 604	200	10
ABRI630	630 (M8+M10)	625 - 631	200	10
ABRI710	710 (M8+M10)	705 - 711	200	10
ABRI800	800 (M8+M10)	799 - 804	200	10
ABRI900	900 (M8+M10)	899 - 904	200	10
ABRI910	1000 (M8+M10)	999 - 1.004	200	10
ABRI911	1120 (M8+M10)	1.115 - 1.121	200	10
ABRI912	1250 (M8+M10)	1.245 - 1.251	200	10

Thermal insulation pipe clamp

AB-AIS

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STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRIA2018	18 (M8+M10)	15 - 18	150	50	200
ABRIA2022	22 (M8+M10)	20 - 24	150	50	150
ABRIA2028	28 (M8+M10)	26 - 30	150	50	150
ABRIA2035	35 (M8+M10)	32 - 36	150	50	100
ABRIA2040	40 (M8+M10)	36 - 42	150	25	75
ABRIA2048	48 (M8+M10)	47 - 50	150	25	75
ABRIA2054	54 (M8+M10)	51 - 55	150	25	50
ABRIA2060	60 (M8+M10)	60 - 64	150	25	50
ABRIA2075	75 (M8+M10)	75 - 80	150	25	-
ABRIA2090	90 (M8+M10)	87 - 92	150	25	-
ABRIA2110	110 (M8+M10)	106 - 112	150	25	-
ABRIA2115	115 (M8+M10)	114 - 119	150	25	-
ABRIA2125	125 (M8+M10)	124 - 131	150	25	-
ABRIA2140	140 (M8+M10)	133 - 140	150	25	-
ABRIA2160	160 (M8+M10)	159 - 163	150	25	-

AB-RI A2

A2 Stainless steel



ADVANTAGES

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

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STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRIA4018	18 (M8+M10)	15 - 18	150	50	200
ABRIA4022	22 (M8+M10)	20 - 24	150	50	150
ABRIA4028	28 (M8+M10)	26 - 30	150	50	150
ABRIA4035	35 (M8+M10)	32 - 36	150	50	100
ABRIA4040	40 (M8+M10)	36 - 42	150	25	75
ABRIA4048	48 (M8+M10)	47 - 50	150	25	75
ABRIA4054	54 (M8+M10)	51 - 55	150	25	50
ABRIA4060	60 (M8+M10)	60 - 64	150	25	50
ABRIA4075	75 (M8+M10)	75 - 80	150	25	-
ABRIA4090	90 (M8+M10)	87 - 92	150	25	-
ABRIA4110	110 (M8+M10)	106 - 112	150	25	-
ABRIA4115	115 (M8+M10)	114 - 119	150	25	-
ABRIA4125	125 (M8+M10)	124 - 131	150	25	-
ABRIA4140	140 (M8+M10)	133 - 140	150	25	-
ABRIA4160	160 (M8+M10)	159 - 163	150	25	-

AB-RI A4

A4 Stainless steel



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	
ABRID016	16	150
ABRID020	20	100
ABRID025	25	100
ABRID032	32	100
ABRID040	40	50
ABRID050	50	50
ABRID063	63	50
ABRID075	75	50
ABRID090	90	50
ABRID110	110	25
ABRID125	125	25
ABRID140	140	20
ABRID160	160	20

PA-EX

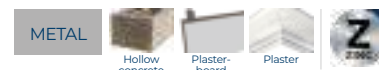
Expansion guide



CODE	SIZE	
PAEXM08	M8 x 180	50
PAEXM10	M10 x 180	50

CO-AR

Articulated hanger



CODE	SIZE		
COAR08060	M8 x 60	50	300
COAR10060	M10 x 60	50	300

AB-ICP

Reinforced isophonic pipe clamp for heavy duty



ADVANTAGES

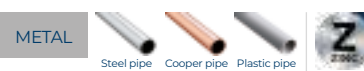
Reinforced
With sleeves available from M8 to M16 depending on the diameter
Thickness of 3-4 mm



CODE	SIZE	ØD(MM)	SIZE IN INCHES	
ABICP060	60 (M8+M10)	60 - 64	(M8+M10)	25
ABICP075	75 (M10+M12)	75 - 80	(M10+M12)	25
ABICP090	90 (M10+M12)	87 - 92	(M10+M12)	25
ABICP110	110 (M10+M12)	107 - 112	(M10+M12)	25
ABICP140	140 (M12+M16)	138 - 142	(M12+M16)	25
ABICP160	160 (M12+M16)	159 - 166	(M12+M16)	25
ABICP220	220 (M12+M16)	215 - 226	(M12+M16)	10
ABICP270	270 (M12+M16)	268 - 274	(M12+M16)	10
ABICP315	315 (M12+M16)	314 - 319	(M12+M16)	10

Thermal insulation pipe clamp

AB-AIS



AB-AIS 13

13 mm

CODE	SIZE	THICKNESS	
ABAI513010	Ø10	13	50
ABAI513012	Ø12	13	50
ABAI513015	Ø15	13	50
ABAI513018	Ø18	13	50
ABAI513022	Ø22	13	50
ABAI513028	Ø28	13	50



AB-AIS 19

19 mm

CODE	SIZE	THICKNESS	
ABAI519010	Ø10	19	50
ABAI519012	Ø12	19	50
ABAI519015	Ø15	19	50
ABAI519017	Ø17	19	50
ABAI519018	Ø18	19	50
ABAI519022	Ø22	19	50
ABAI519028	Ø28	19	50
ABAI519035	Ø35	19	50
ABAI519042	Ø42	19	25
ABAI519054	Ø54	19	25
ABAI519060	Ø60	19	25
ABAI519064	Ø64	19	25
ABAI519067	Ø67	19	25
ABAI519076	Ø76	19	25
ABAI519080	Ø80	19	25
ABAI519114	Ø114	19	10



AB-AIS 30

30 mm

CODE	SIZE	THICKNESS	
ABAI530027	Ø27	30	50
ABAI530034	Ø34	30	50
ABAI530042	Ø42	30	25
ABAI530049	Ø49	30	25
ABAI530054	Ø54	30	25
ABAI530060	Ø60	30	25
ABAI530076	Ø76	30	25
ABAI530089	Ø89	30	25
ABAI530108	Ø108	30	10
ABAI530114	Ø114	30	10



AB-AIS 40

40 mm

CODE	SIZE	THICKNESS	
ABAI540049	Ø49	40	25
ABAI540060	Ø60	40	25
ABAI540089	Ø89	40	25
ABAI540114	Ø114	40	10
ABAI540133	Ø133	40	10
ABAI540140	Ø140	40	10
ABAI540159	Ø159	40	10
ABAI540168	Ø168	40	10
ABAI540219	Ø219	40	5



AB-GA

Pipe clamp for gas M8 + M10 yellow coated

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SANITATION



ADVANTAGES

Screw with plastic washer to avoid its lost
Reinforced

CODE	SIZE	ØD(MM)	SIZE IN INCHES	MAXIMUN LOAD		
ABGA018	18 (M8)	15 - 18	M8	200	50	300
ABGA022	22 (M8)	20 - 24	M8	200	50	200
ABGA028	28 (M8)	26 - 30	M8	200	50	150
ABGA035	35 (M8)	32 - 36	M8	200	50	100
ABGA040	40 (M8)	38 - 42	M8	200	50	100
ABGA048	48 (M8)	47 - 50	M8	200	50	100
ABGA054	54 (M8)	52 - 56	M8	200	25	75
ABGA060	60 (M8/M10)	60 - 64	M8/M10	200	25	75
ABGA075	75 (M8/M10)	75 - 80	M8/M10	200	25	50
ABGA090	90 (M8/M10)	85 - 90	M8/M10	200	25	-
ABGA100	100 (M8/M10)	99 - 105	M8/M10	200	25	-
ABGA110	110 (M8/M10)	107 - 112	M8/M10	200	25	-
ABGA115	115 (M8/M10)	113 - 118	M8/M10	200	25	-
ABGA140	140 (M8/M10)	138 - 142	M8/M10	200	25	-
ABGA160	160 (M8/M10)	159 - 166	M8/M10	200	25	-

APPLICATION EXAMPLES



AB-M8

Drainpipe clamp M8

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SANITATION



ADVANTAGES

Lateral soldered nuts
M8 Riveted nut

CODE	SIZE	ØD(MM)	MAXIMUN LOAD	
ABM8050	50 (M8)	49 - 54	100	100
ABM8063	63 (M8)	60 - 65	100	100
ABM8075	75 (M8)	75 - 80	100	100
ABM8090	90 (M8)	88 - 92	100	100
ABM8110	110 (M8)	108 - 113	100	100
ABM8125	125 (M8)	124 - 130	100	100
ABM8160	160 (M8)	159 - 165	100	100
ABM8200	200 (M8)	199 - 203	100	100
ABM8250	250 (M8)	249 - 254	100	50
ABM8315	315 (M8)	314 - 319	100	50

U-bolt

AB-ZI


 Technical
info

SANITATION



CODE	SIZE	MAXIMUN LOAD	Ø ROD INCHES		
AZIM060250	M6 1/4"	250	M6	100	800
AZIM060375	M6 3/8"	250	M6	100	1.200
AZIM060500	M6 1/2"	250	M6	100	600
AZIM060750	M6 3/4"	250	M6	100	600
AZIM061000	M6 1"	250	M6	100	400
AZIM061250	M6 1 1/4"	250	M6	50	300
AZIM081500	M8 1 1/2"	350	M8	50	150
AZIM082000	M8 2"	350	M8	50	150
AZIM082250	M8 2 1/4"	350	M8	50	100
AZIM082500	M8 2 1/2"	350	M8	50	100
AZIM083000	M8 3"	350	M8	50	100
AZIM083500	M8 3 1/2"	350	M8	50	100
AZIM084000	M8 4"	350	M8	50	100
AZIM084500	M8 4 1/2"	350	M8	25	100
AZIM085000	M8 5"	350	M8	25	100
AZIM086000	M8 6"	350	M8	25	100
AZIM103000	M10 3"	350	M10	25	50
AZIM103500	M10 3 1/2"	350	M10	25	50
AZIM104000	M10 4"	350	M10	25	100
AZIM105000	M10 5"	350	M10	25	100
AZIM106000	M10 6"	350	M10	25	100
AZIM108000	M10 8"	350	M10	25	100

AB-ZI

Zinc-plated



ADVANTAGES

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

SANITATION



CODE	SIZE	MAXIMUN LOAD	Ø ROD INCHES		
AZA2060500	M6 1/2"	250	M6	100	600
AZA2060750	M6 3/4"	250	M6	100	600
AZA2061000	M6 1"	250	M6	100	400
AZA2061250	M6 1 1/4"	250	M6	50	300
AZA2081500	M8 1 1/2"	350	M8	50	150
AZA2082000	M8 2"	350	M8	50	150
AZA2082500	M8 2 1/2"	350	M8	50	100
AZA2083000	M8 3"	350	M8	50	100
AZA2104000	M10 4"	350	M10	50	-
AZA2106000	M10 6"	350	M10	25	-
AZA2108000	M10 8"	350	M10	25	-

AB-ZI A2

A2 Stainless steel



AB-SA

U-bolt support

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SANITATION



ADVANTAGES

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

CODE	SIZE	
ABSA050100	50 x 100	50
ABSA050125	50 x 125	50
ABSA050200	50 x 200	25
ABSA050300	50 x 300	25
ABSA050400	50 x 400	25
ABSA050500	50 x 500	10
ABSA050600	50 x 600	10
ABSA100100	100 x 100	25
ABSA100125	100 x 125	25
ABSA100200	100 x 200	25
ABSA100300	100 x 300	10
ABSA100400	100 x 400	10
ABSA100500	100 x 500	10

AB-GP

Heavy duty pipe clamp

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SANITATION



ADVANTAGES

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

APPLICATION EXAMPLES



CODE	SIZE	ØD(MM)		
AGP023025	23-25	23 - 25	50	300
AGP026028	26-28	26 - 28	50	300
AGP029031	29-31	29 - 31	50	200
AGP032035	32-35	32 - 35	50	150
AGP036039	36-39	36 - 39	50	150
AGP040043	40-43	40 - 43	50	100
AGP044047	44-47	44 - 47	50	-
AGP048051	48-51	48 - 51	25	75
AGP052055	52-55	52 - 55	25	75
AGP056059	56-59	56 - 59	25	75
AGP060063	60-63	60 - 63	25	50
AGP064067	64-67	64 - 67	25	50
AGP068073	68-73	68 - 73	25	-
AGP074079	74-79	74 - 79	25	-
AGP080085	80-85	80 - 85	25	-
AGP086091	86-91	86 - 91	25	-
AGP092097	92-97	92 - 97	25	-
AGP098103	98-103	98 - 103	25	-
AGP104112	104-112	104 - 112	25	-
AGP113121	113-121	113 - 121	25	-
AGP122130	122-130	122 - 130	25	-
AGP131139	131-139	131 - 139	25	-
AGP140148	140-148	140 - 148	25	-
AGP149161	149-161	149 - 161	25	-
AGP162174	162-174	162 - 174	25	-



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. 48	
	Ø 8 - Ø 63	70 - 100	 	1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
			AB-M6 AB-M6 Z									
AB-M7 Z	APPLICATIONS: Gas Sanitation Electric										P. 50	
	Ø 8 - Ø 63	70		0,8 - 1	11	-	Embed M7	-	-	-	-	-
AB-D6 AB-D6 Z	APPLICATIONS: Gas, Sanitation, Electric										P. 49	
	Ø 12 - Ø 28	100	 	1	12	-	Embed M6	-	-	-	✓	-
			AB-D6 AB-D6 Z									
AB-DZ 7	APPLICATIONS: Gas, Sanitation, Electric										P. 50	
	Ø 10 - Ø 28	70		0,8 - 1	11	-	Embed M7	-	-	-	✓	-
AB-6I	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 49	
	Ø 12 - Ø 60	70 - 100		1 - 1,2	12	Fast lateral	Embed M6	-	✓	✓	-	-
AB-DI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 50	
	Ø 12 - Ø 60	100		1	12	-	Embed M6	-	✓	✓	✓	-
AB-7I Z	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 51	
	Ø 12 - Ø 50	70		0,8 - 1	11	-	Embed M7	-	✓	✓		
AB-7ID Z	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation										P. 51	
	Ø 10 - Ø 28	70		0,8 - 1	11	-	Embed M7	-	✓	✓	✓	
AB-PI	APPLICATIONS: Sanitation, Electric										P. 52	
	Ø 6 - Ø 63	30		1,1 - 1,3	12,5 - 19	-	-	-	-	-	-	-
AB-PU	APPLICATIONS: Sanitation, Electric										P. 52	
	Ø 16 - Ø 63	30		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
AB-GM	APPLICATIONS: Gas									P. 57		
	Ø 12 - Ø 35	100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
AB-GS	APPLICATIONS: Gas									P. 58		
	Ø 10 - Ø 54	70 - 100		1 - 1,2	12	Fast lateral	Embed M6	According to EN ISO 4892	-	-	-	Pre-assembled
AB-GD	APPLICATIONS: Gas									P. 58		
	Ø 12 - Ø 28	100		1 - 1,2	12	-	Embed M6	According to EN ISO 4892	-	-		Pre-assembled
AB-CR	APPLICATIONS: Sanitation									P. 56		
	Ø 10 - Ø 12	70		1 - 1,2	12	Fast lateral	Embed M6	-	-	-	-	-
AB-ITS										P. 56		
	15 - 28	-		1,0 - 1,2	20 - 33	-	-	-	-	-	-	-
AB-ITD										P. 56		
	15 - 22	-		1,0	20 - 27	-	-	-	-	-	-	-
AB-BU	APPLICATIONS: Sanitation, Industrial									P. 56		
	Ø 13 - Ø 21	-		0,6	9	-	-	-	-	-	-	Pre-assembled
AB-SF	APPLICATIONS: Sanitation, Industrial									P. 54		
	Ø 8 - Ø 150	-		0,6 - 0,8	9	-	-	-	-	-	-	Pre-assembled
AB-IP	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 53		
	-	-		1,5	20	-	-	-			-	ABT006015
AB-SI	APPLICATIONS: HSW and CW, Gas, Sanitation, Heating, Air Conditioning, Electric, Ventilation									P. 53		
	3 / 25 Holes	-		3	20	-	-	-				ABT006015

AB-M6

Pipe clamp M6

AB-M6

Yellow zinc-plated



ADVANTAGES

Fast installation
Lateral opening
Encased M6 bolt



SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABM6008	8 (M6)	8	70	100	1.200
ABM6010	10 (M6)	10	70	100	1.200
ABM6012	12 (M6)	12	70	100	1.200
ABM6014	14 (M6)	14	70	100	1.200
ABM6015	15 (M6)	15	70	100	600
ABM6016	16 (M6)	16	70	100	600
ABM6018	18 (M6)	18	70	100	600
ABM6020	20 (M6)	20	70	100	600
ABM6022	22 (M6)	22	70	100	600
ABM6025	25 (M6)	25	70	100	600
ABM6026	26 (M6)	26	70	100	400
ABM6028	28 (M6)	28	70	100	400
ABM6032	32 (M6)	32	70	50	300
ABM6035	35 (M6)	35	70	50	300
ABM6037	37 (M6)	37	100	50	300
ABM6040	40 (M6)	40	100	50	300
ABM6042	42 (M6)	42	100	50	300
ABM6047	47 (M6)	47	100	50	200
ABM6050	50 (M6)	50	100	50	150
ABM6054	54 (M6)	54	100	50	150
ABM6060	60 (M6)	60	100	50	150
ABM6063	63 (M6)	63	100	50	100

AB-M6 Z

Zinc-plated



ADVANTAGES

Fast installation
Lateral opening
Encased M6 bolt



SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABMZ6008	8 (M6)	8	70	100	1.200
ABMZ6010	10 (M6)	10	70	100	1.200
ABMZ6012	12 (M6)	12	70	100	1.200
ABMZ6014	14 (M6)	14	70	100	1.200
ABMZ6015	15 (M6)	15	70	100	600
ABMZ6016	16 (M6)	16	70	100	600
ABMZ6018	18 (M6)	18	70	100	600
ABMZ6020	20 (M6)	20	70	100	600
ABMZ6022	22 (M6)	22	70	100	600
ABMZ6025	25 (M6)	25	70	100	600
ABMZ6026	26 (M6)	26	70	100	400
ABMZ6028	28 (M6)	28	70	100	400
ABMZ6032	32 (M6)	32	70	50	300
ABMZ6035	35 (M6)	35	70	50	300
ABMZ6037	37 (M6)	37	100	50	300
ABMZ6040	40 (M6)	40	100	50	300
ABMZ6042	42 (M6)	42	100	50	300
ABMZ6047	47 (M6)	47	100	50	200
ABMZ6050	50 (M6)	50	100	50	150
ABMZ6054	54 (M6)	54	100	50	150
ABMZ6060	60 (M6)	60	100	50	150
ABMZ6063	63 (M6)	63	100	50	100

AB-M6 A2

A2 Stainless steel



ADVANTAGES

M6 soldered nut
Thickness 1,5 mm.



STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABM6A2012	12 (M6)	12	70	100	1.200
ABM6A2015	15 (M6)	14 - 15	70	100	600
ABM6A2018	18 (M6)	16 - 18	70	100	600
ABM6A2020	20 (M6)	19 - 21	70	100	600
ABM6A2022	22 (M6)	22 - 24	70	100	600
ABM6A2028	28 (M6)	25 - 30	70	100	400

Double pipe clamp M6

AB-D6

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABD6012	12 (M6)	12	100	50	600
ABD6015	15 (M6)	15	100	50	300
ABD6018	18 (M6)	18	100	50	300
ABD6022	22 (M6)	22	100	50	300
ABD6028	28 (M6)	28	100	50	200

AB-D6

Yellow zinc-plated



ADVANTAGES

For parallel assemblings
Encased M6 bolt

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABDZ6012	12 (M6)	12	100	50	600
ABDZ6015	15 (M6)	15	100	50	300
ABDZ6018	18 (M6)	18	100	50	300
ABDZ6022	22 (M6)	22	100	50	300
ABDZ6028	28 (M6)	28	100	50	200

AB-D6 Z

Zinc-plated



ADVANTAGES

For parallel assemblings
Encased M6 bolt

APPLICATION EXAMPLES



Isophonic pipe clamp M6

AB-6I

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
AB6I012	12 (M6)	12	70	100	600
AB6I015	15 (M6)	15	70	100	600
AB6I016	16 (M6)	16	70	100	600
AB6I018	18 (M6)	18	70	100	600
AB6I022	22 (M6)	22	70	100	400
AB6I026	26 (M6)	26	70	100	400
AB6I028	28 (M6)	28	70	100	300
AB6I032	32 (M6)	32	70	50	200
AB6I035	35 (M6)	35	70	50	200
AB6I042	42 (M6)	42	100	50	150
AB6I048	48 (M6)	48	100	50	100
AB6I054	54 (M6)	54	100	50	100
AB6I060	60 (M6)	60	100	50	100


CTE
CONFORME
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ADVANTAGES

Fast installation
Encased M6 bolt
TBC compliant

AB-DI

Double isophonic pipe clamp M6



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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABDI0012	12 (M6)	12	100	50	300
ABDI0015	15 (M6)	15	100	50	300
ABDI0018	18 (M6)	18	100	50	200
ABDI0022	22 (M6)	22	100	50	200
ABDI0028	28 (M6)	28	100	50	150



ADVANTAGES

For parallel assemblings
Encased M6 bolt
TBC compliant

AB-M7 Z

Pipe clamp M7. Zinc plated



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SANITATION



CODE	SIZE	ØD(MM)	SIZE IN INCHES		
ABMZ7008	8	8	7	100	1.200
ABMZ7010	10	10	7	100	1.200
ABMZ7012	12	12	7	100	1.200
ABMZ7014	14	14	7	100	1.200
ABMZ7016	16	16	7	100	1.200
ABMZ7018	18	18	7	100	1.200
ABMZ7020	20	20	7	100	1.200
ABMZ7022	22	22	7	100	600
ABMZ7024	24	24	7	100	600
ABMZ7025	25	25	7	100	600
ABMZ7026	26	26	7	100	600
ABMZ7028	28	28	7	100	600
ABMZ7032	32	32	7	50	600
ABMZ7034	34	34	7	50	300
ABMZ7036	36	36	7	50	300
ABMZ7038	38	38	7	50	300
ABMZ7040	40	40	7	50	300
ABMZ7050	50	50	7	50	200
ABMZ7063	63	63	7	25	150

ADVANTAGES

Fast installation
Lateral opening
Encased M7 bolt

AB-D7 Z

Double pipe clamp M7. Zinc plated



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SANITATION



CODE	SIZE	ØD(MM)	SIZE IN INCHES		
ABDZ70810	8-10	8-10	7	50	600
ABDZ71012	10-12	10-12	7	50	600
ABDZ71214	12-14	12-14	7	50	600
ABDZ71416	14-16	14-16	7	50	600
ABDZ71618	16-18	16-18	7	50	600
ABDZ71820	18-20	18-20	7	50	300
ABDZ72022	20-22	20-22	7	50	300
ABDZ72224	22-24	22-24	7	50	300
ABDZ72628	26-28	26-28	7	50	300

ADVANTAGES

For parallel assemblings
Encased M7 bolt

Isophonic pipe clamp M7. Zinc plated

AB-7I Z

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SANITATION



CODE	SIZE	ØD(MM)	SIZE IN INCHES		
AB7IZ010	10	10	7	100	1.200
AB7IZ012	12	12	7	100	1.200
AB7IZ014	14	14	7	100	1.200
AB7IZ016	16	16	7	100	1.200
AB7IZ018	18	18	7	100	600
AB7IZ020	20	20	7	100	600
AB7IZ022	22	22	7	100	600
AB7IZ024	24	24	7	100	600
AB7IZ026	26	26	7	100	600
AB7IZ028	28	28	7	100	400
AB7IZ032	32	32	7	50	300
AB7IZ034	34	34	7	50	300
AB7IZ036	36	36	7	50	300
AB7IZ038	38	38	7	50	300
AB7IZ040	40	40	7	50	300
AB7IZ050	50	50	7	50	200


ADVANTAGES

Fast installation
Encased M7 bolt
TBC compliant

Double isophonic pipe clamp M7. Zinc plated

AB-7ID Z

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SANITATION



CODE	SIZE	ØD(MM)	SIZE IN INCHES		
AB7IDZ0810	08-10	08-10	7	50	600
AB7IDZ1012	10-12	10-12	7	50	600
AB7IDZ1214	12-14	12-14	7	50	600
AB7IDZ1416	14-16	14-16	7	50	300
AB7IDZ1618	16-18	16-18	7	50	300
AB7IDZ1820	18-20	18-20	7	50	300
AB7IDZ2022	20-22	20-22	7	50	300
AB7IDZ2224	22-24	22-24	7	50	200
AB7IDZ2628	26-28	26-28	7	50	200


ADVANTAGES

Fast installation
Encased M7 bolt
TBC compliant

AB-PI

Conduit clip with single hole

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SANITATION



ADVANTAGES

Reinforced
Fast fixing
Single fixing point

APPLICATION EXAMPLES



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABPI006	6	6	30	100	2.400
ABPI008	8	8	30	100	2.400
ABPI010	10	10	30	100	2.400
ABPI012	12	12	30	100	2.400
ABPI014	14	14	30	100	2.400
ABPI016	16	16	30	100	1.200
ABPI018	18	18	30	100	1.200
ABPI020	20	20	30	100	1.200
ABPI022	22	22	30	100	600
ABPI025	25	25	30	100	600
ABPI026	26	26	30	100	600
ABPI028	28	28	30	100	600
ABPI032	32	32	30	100	600
ABPI040	40	40	30	50	300
ABPI042	42	42	30	50	300
ABPI047	47	47	30	50	200
ABPI050	50	50	30	50	200
ABPI063	63	63	30	50	200

AB-PU

Bridge conduit clip with double hole

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SANITATION



ADVANTAGES

Reinforced
Fast fixing
Two fixing points

APPLICATION EXAMPLES



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABPU016	16	16	75	100	1.200
ABPU018	18	18	75	100	1.200
ABPU020	20	20	75	100	600
ABPU022	22	22	75	100	600
ABPU025	25	25	75	100	600
ABPU028	28	28	75	100	600
ABPU032	32	32	75	50	300
ABPU037	37	37	75	50	300
ABPU040	40	40	75	50	300
ABPU050	50	50	75	50	200
ABPU063	63	63	75	50	150

Isophonic bridge conduit clip

AB-IP

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SANITATION



CODE	SIZE	ØD(MM)	HOLE NUM		
ABIP015	15	15	3	50	600
ABIP018	18	18	3	50	300
ABIP022	22	22	3	50	300
ABIP026	26	26	4	50	300
ABIP028	28	28	4	50	300
ABIP035	35	35	4	50	150
ABIP042	42	42	4	25	100
ABIP048	48	48	4	25	100
ABIP054	54	54	5	25	100
ABIP060	60	60	5	25	75
ABIP067	67	67	5	25	75
ABIP075	75	75	6	25	75
ABIP090	90	90	6	25	75



CTE
Clamp tested
at 100% elongation

Fixing plate for Isophonic bridge conduit clip

AB-SI

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SANITATION



CODE	SIZE	HOLE NUM		
ABSI003	3	3	25	-
ABSI004	4	4	25	-
ABSI005	5	5	25	150
ABSI006	6	6	25	-
ABSI007	7	7	25	-
ABSI008	8	8	25	-
ABSI009	9	9	25	-
ABSI010	10	10	25	-
ABSI011	11	11	25	-
ABSI012	12	12	25	-
ABSI013	13	13	25	-
ABSI014	14	14	25	-
ABSI015	15	15	25	-
ABSI016	16	16	10	-
ABSI017	17	17	10	-
ABSI018	18	18	10	-
ABSI019	19	19	10	-
ABSI020	20	20	10	-
ABSI021	21	21	10	-
ABSI022	22	22	10	-
ABSI025	25	25	10	-

Fixing plate for Isophonic bridge
conduit clip



CTE
Clamp tested
at 100% elongation

ADVANTAGES

For parallel assemblings
Fast and easy installation
TBC compliant

SANITATION



CODE	SIZE	
ABTO06015	M6 x 15	100

AB-TO

Screw for AB-IP



APPLICATION EXAMPLES



AB-SF

Hose clamp

AB-SF

Zinc-plated



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SANITATION



CODE	SIZE	ØD(MM)		
ASF008016	8-16	8-16	100	1.200
ASF012022	12-22	12-22	100	600
ASF016027	16-27	16 - 27	100	600
ASF020032	20-32	20 - 32	100	600
ASF025040	25-40	25 - 40	100	400
ASF030045	30-45	30 - 45	100	300
ASF035050	35-50	35 - 50	100	200
ASF040060	40-60	40 - 60	100	200
ASF050070	50-70	50 - 70	50	100
ASF060080	60-80	60 - 80	50	100
ASF070090	70-90	70 - 90	50	-
ASF080100	80-100	80 - 100	50	-
ASF090110	90-110	90 - 110	50	-
ASF100120	100-120	100 - 120	25	-
ASF110130	110-130	110 - 130	25	-
ASF120140	120-140	120 - 140	25	-
ASF130150	130-150	130 - 150	25	-

 Blister

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

AB-SF A2

A2 Stainless steel



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STAINLESS STEEL



CODE	SIZE	ØD(MM)		
ASF2010016	10-16	10-16	100	1.200
ASF2012020	12-20	12-20	100	600
ASF2016027	16-27	16 - 27	100	600
ASF2020032	20-32	20 - 32	100	600
ASF2025040	25-40	25 - 40	100	200
ASF2032050	32-50	32 - 50	100	300
ASF2040060	40-60	40 - 60	100	200
ASF2050070	50-70	50 - 70	50	100
ASF2060080	60-80	60 - 80	50	100
ASF2070090	70-90	70 - 90	50	100
ASF2080100	80-100	80 - 100	50	100
ASF2090110	90-110	90 - 110	50	100
ASF2100120	100-120	100 - 120	25	75
ASF2110130	110-130	110 - 130	25	50
ASF2120140	120-140	120 - 140	25	75
ASF2130150	130-150	130 - 150	25	50

ADVANTAGES

Stainless Steel A2 screw, band and housing

For several pipe Ø

Medium torque capacity

APPLICATION EXAMPLES



Stainless hose clamp roll

AB-SF IR



STAINLESS STEEL



CODE	SIZE		
ASFIR03	9 x 0,6 mm/ 3 m	1	50

AB-SF IR

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



STAINLESS STEEL



CODE	SIZE		
ASFIRCA	Cabezal	50	1.000

AB-SF IRC

Head. Stainless steel



STAINLESS STEEL



CODE	SIZE		
ASFIR30	9 x 0,6 mm/ 30 m	1	10

AB-SF IRR

Roll 30 m. Stainless steel



Fixing band

CI-PE



SANITATION



CODE	SIZE	MIN. ORDER QTY.		
CIPE1208	12 x 0,8 x 10 m	10	1	40
CIPE1708	17 x 0,8 x 10 m	10	1	30

CI-PE

Round fixing band ATLANTIS C2-M



STAINLESS STEEL



CODE	SIZE		
CIPEA21708	17 x 0,8 x 10 m	1	30

CI-PE A2

Round fixing band. A2 Stainless steel



AB-GD

Double pipe clamp for gas black coated M6 with chipboard screw

CI-PR

Straight fixing band ATLANTIS C2-M



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SANITATION



CODE	SIZE	MIN. ORDER QTY.		
CIPR1208	12 x 0,8 x 10 m	5	1	40
CIPR1908	19 x 0,8 x 10 m	5	1	30

AB-CR

Chromed pipe clamp M6



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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABCR010	10 (M6)	10	70	100	1.200
ABCR012	12 (M6)	12	70	100	1.200

APPLICATION EXAMPLES



AB-IT

Stainless steel clamp Indextube

AB-ITS

Simple



SANITATION



CODE	SIZE		
ABITS015	15	100	600
ABITS018	18	100	400
ABITS022	22	100	400
ABITS028	28	100	300

AB-ITD

Double



SANITATION



CODE	SIZE		
ABITD015	15	50	300
ABITD018	18	50	200
ABITD022	22	50	100

Butane clamp

AB-BU

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SANITATION



CODE	SIZE	ØD(MM)		
ABBU1315	13 - 15	13-15	50	600
ABBU1618	16 - 18	16-18	50	600
ABBU1921	19 - 21	19-21	50	600

APPLICATION EXAMPLES



Pipe clamp for gas yellow coated with chipboard screw

AB-GM

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABGM012	12 (M6)	12	70	100	600
ABGM015	15 (M6)	15	70	100	600
ABGM018	18 (M6)	18	70	100	600
ABGM022	22 (M6)	22	70	50	200
ABGM028	28 (M6)	28	70	50	200
ABGM035	35 (M6)	35	70	50	200

APPLICATION EXAMPLES


According to a
UNE-EN ISO 4892

ADVANTAGES

Lateral opening
Assembled chipboard screw
Fast installation

AB-CS

Pipe clamp for gas black coated M6 with chipboard screw



According to a
UNE-EN ISO 4892

ADVANTAGES

- Lateral opening
- Assembled chipboard screw
- For gas pipes

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABGS010	10 (M6)	10	70	100	600
ABGS012	12 (M6)	12	70	100	600
ABGS015	15 (M6)	15	70	100	600
ABGS018	18 (M6)	18	70	100	600
ABGS022	22 (M6)	22	70	50	200
ABGS028	28 (M6)	28	70	50	200
ABGS035	35 (M6)	35	70	50	200
ABGS042	42 (M6)	42	70	25	100
ABGS054	54 (M6)	54	70	25	100

AB-GD

Double pipe clamp for gas black coated M6 with chipboard screw



According to a
UNE-EN ISO 4892

ADVANTAGES

- For parallel assemblings
- Assembled chipboard screw

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABGD012	12 (M6)	12	100	50	300
ABGD015	15 (M6)	15	100	50	300
ABGD018	18 (M6)	18	100	50	300
ABGD022	22 (M6)	22	100	50	200
ABGD028	28 (M6)	28	100	50	200

APPLICATION EXAMPLES





FIRE PROTECTION SYSTEMS

AB-PE

Sprinkler pipe clamp

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SANITATION

Steel pipe

Fire fighting pipes

Z



ADVANTAGES

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

CODE	SIZE	ØD(MM)	SIZE IN INCHES	MAXIMUM LOAD		
ABPE028	28 (M10)	DN 20	28	154	50	200
ABPE035	35 (M10)	DN 25	35	186	50	200
ABPE040	40 (M10)	DN 32	40	195	50	200
ABPE048	48 (M10)	DN 40	48	236	50	200
ABPE060	60 (M10)	DN 50	60	288	50	200
ABPE075	75 (M10)	DN 65	75	426	25	100
ABPE090	90 (M10)	DN 80	90	481	25	100
ABPE100	100 (M10)	DN 90	100	569	25	100
ABPE115	115 (M10)	DN 100	115	669	25	100
ABPE140	140 (M12)	DN 125	140	907	10	40
ABPE160	160 (M12)	DN 150	160	1186	10	40
ABPE220	220 (M12)	DN 200	220	1723	10	40

APPLICATION EXAMPLES



AB-CH

Clevis hanger clamp

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SANITATION

Z



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)	
ABCH00034	UL	3/4"	28	50
ABCH01000	UL	1"	35	50
ABCH01012	UL	1 1/2"	48	50
ABCH01014	UL	1 1/4"	42	50
ABCH02000	UL	2"	60	50
ABCH02012	UL & FM	2 1/2"	75	30
ABCH03000	UL & FM	3"	90	25
ABCH04000	UL & FM	4"	115	25
ABCH05000	UL & FM	5"	140	25
ABCH06000	UL & FM	6"	160	10
ABCH08000	UL & FM	8"	220	10
ABCH10000	UL	10"	275	1
ABCH12000	UL	12"	325	1
ABCH14000	-	14"	355	1
ABCH16000	-	16"	405	1

Fire-rated collar for multiple diameters

AB-CI

METAL



CODE	SIZE	
ABCIKIT25	2,5 m x 50 mm	1
ABCIKIT30	3 m x 50 mm	1

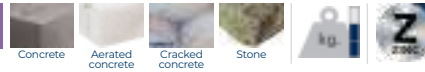


Ceiling wedge anchor ETA Assessed

AN-CU

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SOLID



CODE	SIZE	DRILL Ø		
ANCU06040	6 x 40 Ø6	6	100	1.200
ANCU06070	6 x 70 Ø6	6	100	1.200





GUTTER SUPPORTS

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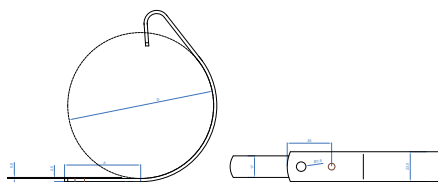
Spiral anchor

TE-MO

Module for PVC channel



CODE	ØD(MM)	A (MM)	
TEM025	100	60	50
TEM033	150	80	50

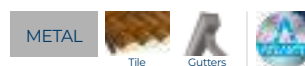
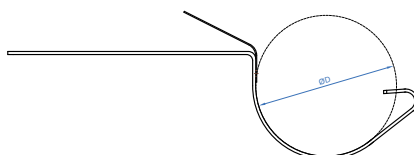


TE-GA

Hook for PVC channel



CODE	ØD(MM)	
TEGA25	100	50
TEGA33	150	50

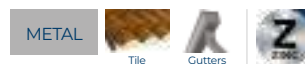
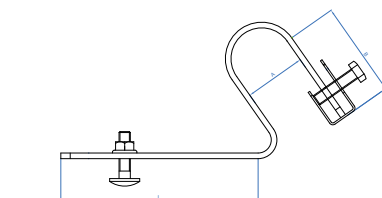


TE-GR

Big tile plate



CODE	A (MM)	B(MM)	L(MM)	
TEGR2530	35	50	80	50

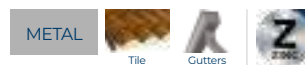
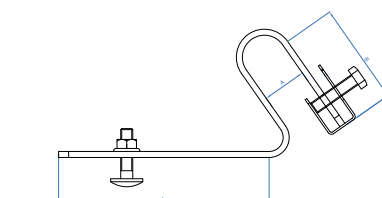


TE-PE

Tile plate



CODE	A (MM)	B(MM)	L(MM)	
TEPE2530	22	50	100	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).

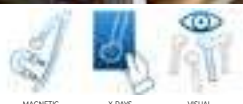
Available in a wide range of sizes in **brown, yellow, blue, red, green and grey**.



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		
BN25080	2,5 x 80	100	1.000
BN25100	2,5 x 100	100	1.000
BN25140	2,5 x 140	100	1.000
BN25160	2,5 x 160	100	1.000
BN25200	2,5 x 200	100	1.000
BN36140	3,6 x 140	100	1.000
BN36200	3,6 x 200	100	1.000
BN36250	3,6 x 250	100	1.000
BN36300	3,6 x 300	100	1.000
BN36370	3,6 x 370	100	1.000
BN48120	4,8 x 120	100	1.000
BN48160	4,8 x 160	100	1.000
BN48180	4,8 x 180	100	1.000
BN48200	4,8 x 200	100	1.000
BN48250	4,8 x 250	100	1.000
BN48290	4,8 x 290	100	1.000
BN48370	4,8 x 370	100	1.000
BN48430	4,8 x 430	100	1.000
BN76150	7,6 x 150	100	1.000
BN76200	7,6 x 200	100	1.000
BN76290	7,6 x 290	100	1.000
BN76370	7,6 x 370	100	1.000
BN76450	7,6 x 450	100	1.000
BN76540	7,6 x 540	100	1.000
BN76750	7,6 x 750	100	1.000
BN88770	8,8 x 770	50	1.000
BN88920	8,8 x 920	50	500
BN88122	8,8 x 1220	50	500
BN12225	12,5 x 225	50	500
BN12500	12,5 x 500	50	500
BN12720	12,5 x 720	50	500
BN12850	12,5 x 850	50	500
BN12100	12,5 x 1000	50	500



MULTI-MATERIAL



BN-B

White

CODE	SIZE		
BB25080	2,5 x 80	100	1.000
BB25100	2,5 x 100	100	1.000
BB25140	2,5 x 140	100	1.000
BB25160	2,5 x 160	100	1.000
BB25200	2,5 x 200	100	1.000
BB36140	3,6 x 140	100	1.000
BB36200	3,6 x 200	100	1.000
BB36250	3,6 x 250	100	1.000
BB36300	3,6 x 300	100	1.000
BB36370	3,6 x 370	100	1.000
BB48120	4,8 x 120	100	1.000
BB48160	4,8 x 160	100	1.000
BB48180	4,8 x 180	100	1.000
BB48200	4,8 x 200	100	1.000
BB48250	4,8 x 250	100	1.000
BB48290	4,8 x 290	100	1.000
BB48370	4,8 x 370	100	1.000
BB48430	4,8 x 430	100	1.000
BB76150	7,6 x 150	100	1.000
BB76200	7,6 x 200	100	1.000
BB76290	7,6 x 290	100	1.000
BB76370	7,6 x 370	100	1.000
BB76450	7,6 x 450	100	1.000
BB76540	7,6 x 540	100	1.000
BB88770	8,8 x 770	50	1.000
BB12225	12,5 x 225	50	500
BB12500	12,5 x 500	50	500
BB12720	12,5 x 720	50	500
BB12850	12,5 x 850	50	500
BB12100	12,5 x 1000	50	500





BN-CO

Nylon cable tie. Colours

BN-GR

Gray



MULTI-MATERIAL



CODE	SIZE		
BC25100GR	2,5 x 100	100	50.000
BC36140GR	3,6 x 140	100	30.000
BC36200GR	3,6 x 200	100	25.000
BC48200GR	4,8 x 200	100	16.000
BC48290GR	4,8 x 290	100	11.000

BN-VE

Green



MULTI-MATERIAL



CODE	SIZE		
BC25100VE	2,5 x 100	100	50.000
BC36140VE	3,6 x 140	100	30.000
BC36200VE	3,6 x 200	100	25.000
BC48200VE	4,8 x 200	100	16.000
BC48290VE	4,8 x 290	100	11.000

BN-MA

Brown



MULTI-MATERIAL



CODE	SIZE		
BC25100MA	2,5 x 100	100	50.000
BC36140MA	3,6 x 140	100	30.000
BC36200MA	3,6 x 200	100	25.000
BC48200MA	4,8 x 200	100	16.000
BC48290MA	4,8 x 290	100	11.000

BN-AM

Yellow



MULTI-MATERIAL



CODE	SIZE		
BC25100AM	2,5 x 100	100	50.000
BC36140AM	3,6 x 140	100	30.000
BC36200AM	3,6 x 200	100	25.000
BC48200AM	4,8 x 200	100	16.000
BC48290AM	4,8 x 290	100	11.000

BN-RO

Red



MULTI-MATERIAL



CODE	SIZE		
BC25100RO	2,5 x 100	100	50.000
BC36140RO	3,6 x 140	100	30.000
BC36200RO	3,6 x 200	100	25.000
BC48200RO	4,8 x 200	100	16.000
BC48290RO	4,8 x 290	100	11.000



BN-DT

Detectable cable tie

MULTI-MATERIAL



CODE	SIZE		
BC25100AZ	2,5 x 100	100	50.000
BC36140AZ	3,6 x 140	100	30.000
BC36200AZ	3,6 x 200	100	25.000
BC48200AZ	4,8 x 200	100	16.000
BC48290AZ	4,8 x 290	100	11.000

BN-AZ

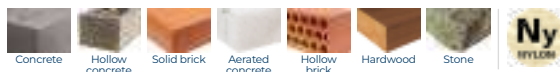
Blue



Cable tie plug

TACOBRI

MULTI-MATERIAL



CODE	SIZE	COLOR		
TACOBRI N 8	Ø8	BLACK	100	5.000
TACOBRI N 6	Ø6	BLACK	100	5.000



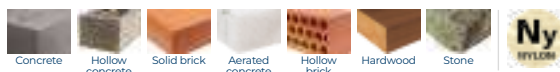
Blister

CODE	SIZE	PCS	BAGS
BZTABRI N 8	Ø8	4	15

Black



MULTI-MATERIAL



CODE	SIZE	COLOR		
TACOBRI B 8	Ø8	WHITE	100	5.000
TACOBRI B 6	Ø6	WHITE	100	5.000



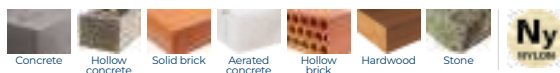
Blister

CODE	SIZE	PCS	BAGS
BZTABRI B 8	Ø8	4	15

White



MULTI-MATERIAL



CODE	SIZE	COLOR		
TACOBRI G 8	Ø8	GREY	100	5.000

TACOBRI G

Gray

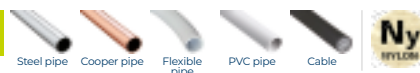


BN-DT

Detectable cable tie



MULTI-MATERIAL



CODE	SIZE		
BNDT25100	2,5 x 100	100	50.000
BNDT36150	3,6 x 150	100	30.000
BNDT36200	3,6 x 200	100	25.000
BNDT48200	4,8 x 200	100	16.000
BNDT48300	4,8 x 300	100	11.000
BNDT48370	4,8 x 370	100	8.000
BNDT76370	7,6 x 370	100	5.000

BN-ID

Nylon cable tie for identification



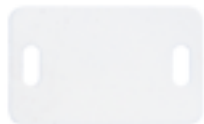
MULTI-MATERIAL



CODE	SIZE		
BID25110	2,5 x 110	100	16.000
BID25210	2,5 x 210	100	12.000

BN-PL

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



MULTI-MATERIAL



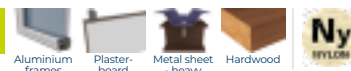
CODE	SIZE		
BPL02616	26,4 x 16,2	100	5.000

BN-BA

Two-way, adhesive base for nylon cable ties



MULTI-MATERIAL



CODE	SIZE	COLOR		
BBANA19	19 x 19	WHITE	100	15.000
BBANE19	19 x 19	BLACK	100	15.000
BBANA27	27 x 27	WHITE	100	6.000
BBANE27	27 x 27	BLACK	100	6.000

Simple polypropylene pipe clip with M6 threaded brass insert

AB-IN

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 Technical
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SANITATION



CODE	SIZE	ØD(MM)		
ABIN012	12	12	100	1.200
ABIN014	14-15	14-15	100	600
ABIN016	16-18	16-18	100	600
ABIN020	20-22	20-22	100	400
ABIN025	25	25	50	300
ABIN028	28	28	50	300
ABIN032	32	32	25	150
ABIN035	35	35	25	300



ADVANTAGES

Pressure fixing
With brass socket M6

INSTALLATION

CHANNEL



20/10

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

AB-ID

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 Technical
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SANITATION



CODE	SIZE	ØD(MM)		
ABID012	12	12	50	200
ABID014	14-15	14-15	50	300
ABID016	16-18	16-18	50	200
ABID020	20-22	20-22	50	150
ABID028	28	28	25	100



ADVANTAGES

For parallel assemblings
Pressure fixing
With brass socket M6

INSTALLATION

CHANNEL



20/10

APPLICATION EXAMPLES





AB-GU

Closed polypropylene pipe clip with pre-thread M6



ADVANTAGES

With pre-thread M6



SANITATION



CODE	SIZE	ØD(MM)		
ABGUG15	15	15	100	400
ABGUG18	18	18	100	400
ABGUG20	20	20	100	400
ABGUG22	22	22	100	300
ABGUG25	25	25	50	300
ABGUG28	28	28	50	200
ABGUG32	32	32	25	150
ABGUG40	40	40	25	150
ABGUG50	50	50	25	100

INSTALLATION

CHANNEL



GUN



ANCHOR + SCREW



BARREL FOR ELECTRICIANS



AB-MUG

Multiuse pipe clamp



ADVANTAGES

For several pipe Ø
With pre-thread M6

SANITATION



CODE	SIZE	ØD(MM)		
ABMUG15	15-16	15	100	400
ABMUG18	18-20	18	100	400
ABMUG22	22-25	22	100	300
ABMUG26	26-28	26	50	150
ABMUG32	32-35	32	50	150
ABMUG40	40-42	40	50	100
ABMUG48	48-50	42	25	75

INSTALLATION

CHANNEL



GUN



ANCHOR + SCREW



BARREL FOR ELECTRICIANS



Duty pipe clamp with pre-thread M6

AB-PR

 02
 Technical
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SANITATION



CODE	SIZE	ØD(MM)		
ABPRG15	15-18	15-18	100	400
ABPRG20	20-22	20-22	100	400
ABPRG25	25-28	25-28	100	300
ABPRG32	32-35	32-35	25	150
ABPRG40	40	40	25	150
ABPRG50	50	50	25	100



ADVANTAGES

Pressure fixing
 With pre-thread M6
 Clip for parallel unions

INSTALLATION

CHANNEL

GUN

ANCHOR + SCREW



BARREL FOR ELECTRICIANS



Multitube clamp + plug. Single

AB-MS

 02
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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABMS10	5 x 20 Ø5	10	9	100	1.200
ABMS12	5 x 20 Ø5	12	9	100	1.200
ABMS14	6 x 25 Ø6	14	15	100	600
ABMS16	6 x 25 Ø6	16	15	100	600
ABMS18	8 x 30 Ø8	18	16	100	300
ABMS20	8 x 30 Ø8	20	16	50	300
ABMS22	8 x 30 Ø8	22	16	50	300
ABMS26	10 x 40 Ø10	26	30	50	150
ABMS28	10 x 40 Ø10	28	30	50	150



Multitube clamp + plug. Double

AB-MD

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SANITATION



CODE	SIZE	ØD(MM)	MAXIMUM LOAD		
ABMD10	8 x 30 Ø8	10	16	100	300
ABMD12	8 x 30 Ø8	12	16	100	300
ABMD14	8 x 30 Ø8	14	16	100	300
ABMD16	8 x 30 Ø8	16	16	100	300
ABMD18	10 x 40 Ø10	18	30	100	200
ABMD20	10 x 40 Ø10	20	30	50	150
ABMD22	10 x 40 Ø10	22	30	50	150
ABMD26	10 x 40 Ø10	26	30	50	100
ABMD28	10 x 40 Ø10	28	30	50	100





AB-T

INDEXring tube fixing plug

AB-TS

Simple

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info

SANITATION



CODE	SIZE	ØD(MM)		
ABTS014	14	14 - 15	100	600
ABTS016	16	16 - 17	100	400
ABTS018	18	18 - 19	100	400
ABTS020	20	20 - 21	100	300
ABTS022	22	22 - 23	100	300
ABTS025	25	25 - 26	100	300
ABTS028	28	28 - 29	100	200
ABTS032	30	30 - 32	50	150

AB-TD

Double

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SANITATION



CODE	SIZE	ØD(MM)		
ABTD016	16	15 - 16	100	400
ABTD018	18	18 - 19	100	300
ABTD020	20	20 - 21	100	200
ABTD022	22	22 - 23	100	200
ABTD025	25	25 - 26	100	200
ABTD028	28	28 - 29	50	150

AB-TC

Quadruple

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info

SANITATION



CODE	SIZE	ØD(MM)		
ABTC020	20	20 - 21	50	100
ABTC025	25	25 - 26	50	100

ADVANTAGES

Drill Ø8 x 35

Clip for parallel unions. 2 tubes (AB-TD) and 4 (AB-TC)

APPLICATION EXAMPLES





Cable clamp

FI-CA

MULTI-MATERIAL



CODE	SIZE	
FICAAB080	80	50
FICAAB119	119	25

FI-CA AB

Clamp



MULTI-MATERIAL



CODE	SIZE		
FICAPS080	80	50	1.500

FI-CA PS

Single clamp



MULTI-MATERIAL



CODE	SIZE		
FICAPD160	80 (x2)	50	800

FI-CA PD

Double clamp



MULTI-MATERIAL



CODE	SIZE	DRILL		
FICACL13	Ø13	6	200	2.400
FICACL26	Ø16	6	100	1.200

FI-CA CL

Clip



FI-CA

Cable clamp

GR-NY BL

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



SANITATION



CODE	SIZE	MIN. ORDER QTY.	
GRBL001	2 x 0,7	400	100
GRBL010	2 x 0,7 - 2 x 1	400	100
GRBL100	2 x 4	200	100
GRBL120	3 x 6	200	100
GRBL140	4 x 6	200	100
GRBL002	2 x 0,4 - 0,7 ó 1	400	100
GRBL020	2 x 1,5 - 3 x 1	400	100
GRBL003	2 x 1 - 3 x 0,7	400	100
GRBL030	3 x 1,5 - 3 x 2,5	400	100
GRBL040	1 x 1 - 2 x 0,5	400	100
GRBL050	2 x 0,75	400	100
GRBL060	2 x 1	400	100
GRBL070	2 x 1-1,5	400	100
GRBL080	2 x 2,5	400	100
GRBL090	3 x 2,5	400	100



Blister

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

GR-NY N

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



SANITATION



CODE	SIZE	MIN. ORDER QTY.	
GRNE100	2 x 4	200	100
GRNE120	3 x 6	200	100
GRNE060	2 x 1	400	100
GRNE070	2 x 1 - 2 x 1,5	400	100
GRNE080	2 x 2,50	400	100
GRNE090	3 x 2,50	400	100

GR-NY NT

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



SANITATION



CODE	SIZE	MIN. ORDER QTY.		
GRNATTV	GRAPILLA - CLIP - CRAMPON TV - CLIP	200	100	2.000



PROFILES AND SUPPORTS


COMPATIBILITY TABLE

COMPATIBILITY TABLE			CHANNEL CANTILEVER ARMS												CHANNEL BRACKETS																	
			SPV2718	SPV3840	SPH2718	SPH3840	SPCH2718	SPCH3840	SPRXH4121	SPRXV4121	SPUX412100	SPUX412145	PBX01	RTX01	EMZ45	EMZ90	EMZ00	EMI45	EMI90	EMI00	EMX4502	EMX9002	EMX1302	EMX9004	UNEX412103	UNTX412104	SCRX090	UNPX412101	UNPX412102	UNPX412103	UNPX412104	EMPX4121
	Code	Size (mm)	LENGTH (mm)	Vertical M10	Vertical M10	Horizontal M10	Horizontal M10	Horizontal	Horizontal	Horizontal	Vertical	0°	45°		45°	90°	Flat	45° Stainless steel	90° Stainless steel	Stainless steel flat	45°	90°	130°	90°	3-hole L-joint	T-joint 4 holes	90°	1hole	2 holes	3 holes	4 holes	Union of 2 guides
SLOTTED STRUT CHANNELS	GPZ201010	20 x 10 x 1	2.000																													
	GPZ250808	25 x 8 x 0,8	1.000																													
	GPG271812	27 x 18 x 1,25	2.000	•		•		•							•	•	•															
	GPG283018	28 x 30 x 1,8	2.000	•		•		•							•	•	•															
	GPG351312	35 x 13 x 1,2	2.000												•	•	•															
	GPG384020	38 x 40 x 2	2.000		•		•		•						•	•	•															
	GPG402015	40 x 20 x 1,5	2.000		•		•		•						•	•	•															
	GPI271812	27 x 18 x 1,25	2.000															•	•	•												
	GPI283015	28 x 30 x 1,8	2.000															•	•	•												
	GPP271812	27 x 18 x 1,25	1.000	•		•									•	•	•															
	GPV251120	25 x 11 x 2	1.000												•	•	•															
	GLO357510	35 x 7,5 x 1	2.000																													
	GLO351515	35 x 15 x 1,5	2.000																													
	GPO357510	35 x 7,5 x 1	2.000																													
	GPO351515	35 x 15 x 1,5	2.000																													
	GPX412115	41 x 21 x 1,5	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
	GPX412120	41 x 21 x 2,00	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
	GPX412125	41 x 21 x 2,5	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
GPX414115	41 x 41 x 1,50	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•	
GPX414120	41 x 41 x 2,00	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•	
GPX414125	41 x 41 x 2,5	3.000							•	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•	
CHANNEL CANTILEVER ARMS	SPZ271820	27 x 18 x 1,25	200																													
	SPZ271830	27 x 18 x 1,25	300																													
	SPZ384020	38 x 40 x 2	200																													
	SPZ384025	38 x 40 x 2	250																													
	SPZ384030	38 x 40 x 2	300																													
	SPZ384035	38 x 40 x 2	350																													
	SPZ384040	38 x 40 x 2	400																													
	SPZ384050	38 x 40 x 2	500																													
	SPZ384060	38 x 40 x 2	600																													
	SPX412115	41 x 21 x 2,5	150																													
	SPX412130	41 x 21 x 2,5	300																													
	SPX412145	41 x 21 x 2,5	450																													
	SPX414115	41 x 41 x 2,5	150																													
	SPX414130	41 x 41 x 2,5	300																													
	SPX414145	41 x 41 x 2,5	450																													
	SPX414160	41 x 41 x 2,5	600																													
	SPX414175	41 x 41 x 2,5	750																													
	SPX414110	41 x 41 x 2,5	1.000																													

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							
SOTPA121							
SOTPA141							

GP

Type "C" profiles for light loads

GP-Z

Slotted strut channel. Zinc-plated



METAL



CODE	SIZE	
GPZ201010	20 x 10 x 1 x 2000	30
GPZ250808	25 x 8 x 0,80 x 1000	30

GP-G

Slotted strut channel. ATLANTIS C2-H



METAL



CODE	SIZE	
GPG271812	27 x 18 x 1,25 x 2000	10
GPG3M271812 NEW	27 x 18 x 1,25 x 3000	10
GPG283018	28 x 30 x 1,8 x 2000	10
GPG3M283018 NEW	28 x 30 x 1,8 x 3000	10
GPG351312	35 x 13 x 1,2 x 2000	10
GPG384020	38 x 40 x 2 x 2000	6
GPG402015	40 x 20 x 1,50 x 2000	10

GP-A2

Slotted strut channel. A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	
GPI271812	27 x 18 x 1,25 x 2000	6
GPI283015	28 x 30 x 1,50 x 2000	6
GPI384020	38 x 40 x 2,00 x 2000	5

GP-PL

Slotted strut channel. Yellow plastified



METAL



CODE	SIZE	
GPP271812	27 x 18 x 1,25	10

GP-PVC

Slotted strut channel. PVC



METAL



CODE	SIZE	
GPV251120	25 x 11 x 2 x 1000	30



Type "C" profiles for light loads

GP

METAL



CODE	SIZE	
GL0357510	35x7,5x1,0	10
GL0351515	35x15x1,5	10

GL-O

ATLANTIS C2-M Smooth Omega guide



METAL



CODE	SIZE	
GPO351515	35x15x1,5	10
GPO357510	35x7,5x1,0	10

GP-O

ATLANTIS C2-M Perforated Omega guide



Type "C" supports for light loads

SP

METAL



CODE	SIZE	
SPZ271820	27 x 18 x 1,25 x 200	10
SPZ271830	27 x 18 x 1,25 x 300	10
SPZ384020	38 x 40 x 2 x 200	10
SPZ384025	38 x 40 x 2 x 250	10
SPZ384030	38 x 40 x 2 x 300	10
SPZ384035	38 x 40 x 2 x 350	10
SPZ384040	38 x 40 x 2 x 400	10
SPZ384050	38 x 40 x 2 x 500	10
SPZ384060	38 x 40 x 2 x 600	10

SP-Z

Zinc-plated perforated support



METAL



CODE	SIZE	
SPV2718	M10 (27/18-28/30)	50
SPV3840	M10 (38/40-40/20)	50

SP-V

Vertical support



METAL



CODE	SIZE	
SPH2718	M10 (27/18-28/30)	50
SPH3840	M10 (38/40-40/20)	50

SP-H

Horizontal support



PE-AC

Accessories for type "C" profiles

SP-HX

Horizontal channel arm



METAL



CODE	SIZE	
SPGH2718	M10 (27/18-28/30)	10
SPGH3840	M10 (38/40-40/20-41/21-41/41)	10

TO-GU

Guide stop screw



METAL



CODE	SIZE		
TG230620	M6 x 20	100	800
TG230820	M8 x 20	100	400
TG230830	M8 x 30	100	600
TG340830	M8 x 30	100	600
TG341030	M10 x 30	100	400

TO-GR

Fast-fixing guide stop screw



METAL



CODE	SIZE		
TGR230620	M6x20	100	600
TGR230820	M8x20	100	600
TGR230830	M8x30	100	600
TGR340830	M8x30	100	400
TGR341030	M10x30	50	300

TU-GU

Channel nuts



METAL



CODE	SIZE		
TUG201006	M6	100	3.000
TUG201008	M8	100	2.400
TUG271808	M8	100	1.200
TUG271810	M10	100	1.200

TU-GRA

Guide nut with fast-fixing washer



METAL



CODE	SIZE		
TUGRA2706	M6	50	600
TUGRA2708	M8	50	600
TUGRA3808	M8	50	600
TUGRA3810	M10	50	600



Accessories for type "C" profiles

PE-AC

METAL



CODE	SIZE		
EMZ45	50 x 50 45°	100	400
EMZ90	54 x 54 90°	100	300
EMZ00	100 180°	100	-

EG-Z

Zinc-plated channel bracket



STAINLESS STEEL



CODE	SIZE		
EMI45	50 x 50 45°	50	200
EMI90	54 x 54 90°	50	-
EMI00	100 180°	50	200

EG-A2

A2 Stainless steel channel bracket



METAL



CODE	SIZE	
PUZ2718	M8 (27/18-28/30)	50
PUZ3840	M8 (38/40)	50

PU-Z

Union plate for profiles



METAL



CODE	SIZE		
PGZ2718	27 / 18 x 81	50	300
PGZ2830	28 / 30 x 81	50	300
PGZ3840	38 / 40 x 93	50	100

PG-Z

Zinc-plated Channel U-fitting



STAINLESS STEEL



CODE	SIZE		
PGI2718	27 / 18 x 81	50	300
PGI2830	28 / 30 x 81	50	200
PGI3840	38 / 40 x 93	50	100

PG-A2

A2 Stainless steel Channel U-fitting



METAL



CODE	SIZE		
SOTP2718	27/18	100	400
SOTP2830	28/30	100	300
SOTP3840	38/40	100	300
SOTP4121	41/21	100	600
SOTP4141	41/41	100	300

SO-TP

Plastic caps



GPX

Indextrut Profiles for heavy loads

GP-X 21

Indextrut Perforated guide 41x21



METAL



CODE	SIZE	
GPX412115	41 x 21 x 1,5	10
GPX412120	41 x 21 x 2	10
GPX2M412120	41 x 21 x 2	10
GPX412125	41 x 21 x 2,5	6



GP-X 41

Indextrut Perforated guide 41x41



METAL



CODE	SIZE	
GPX414115	41 x 41 x 1,5	10
GPX414120	41 x 41 x 2	6
GPX2M414120	41 x 41 x 2	10
GPX414125	41 x 41 x 2,5	6



SPX

Indextrut Supports for heavy loads

SP-X

Indextrut Perforated support



METAL



CODE	SIZE	
SPX412115	41 x 21 x 2,5 x 150	10
SPX412130	41 x 21 x 2,5 x 300	10
SPX412145	41 x 21 x 2,5 x 450	10
SPX414110	41 x 41 x 2,5 x 1000	2
SPX414115	41 x 41 x 2,5 x 150	10
SPX414130	41 x 41 x 2,5 x 300	10
SPX414145	41 x 41 x 2,5 x 450	10
SPX414160	41 x 41 x 2,5 x 600	10
SPX414175	41 x 41 x 2,5 x 750	10



SP-RX

Indextrut Rectangular-base "U" support



METAL



CODE	SIZE	
SPRXH4121	M12 (41/21-41/41)	12
SPRXV4121	M12 (41/21-41/41)	12



SP-UX

Indextrut Square-base "U" support



METAL



CODE	SIZE	
SPUX412100	M16 (41/21-41/41)	12
SPUX412145	M16 (41/21-41/41)	12





Indextrut Supports for heavy loads

SPX

METAL



CODE	SIZE	
PRX01	M8 (41/21-41/41)	12

PR-X

Indextrut Adjustable support



METAL



CODE	SIZE		
RESX300	252 x 252 x 6 (300)	10	20
RESX550	428 x 428 x 6 (550)	10	20

RE-SX

Indextrut Support reinforcement



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE		
SOTP2718	27/18	100	400
SOTP2830	28/30	100	300
SOTP3840	38/40	100	300
SOTP4121	41/21	100	600
SOTP4141	41/41	100	300

SO-TP

Plastic caps



METAL



CODE	SIZE		
TGX0840	M8 x 40	100	400
TGX0860	M8 x 60	50	300
TGX1040	M10 x 40	50	300
TGX1060	M10 x 60	50	200

TG-X

Indextrut Guide stop screw



METAL



CODE	SIZE	
TGRX0830	M8x30	100
TGRX0860	M8x60	50
TGRX1030	M10x30	50
TGRX1060	M10x60	50

TO-GRX

Indextrut Fast-fixing guide stop screw



PX-AC

Indextrut Accessories for profiles

TU-GX

Indextrut Guide nut

METAL



CODE	SIZE		
TUGX08	M8	100	800
TUGX10	M10	100	800

TU-MU

Indextrut channel spring nut

METAL



CODE	SIZE		
TUGXMU08	M8	100	400
TUGXMU10	M10	100	400

TU-RX

Indextrut Fast-fixing guide nut

METAL



CODE	SIZE		
TURX08	M8	100	400
TURX10	M10	100	400
TURX12	M12	50	300

TU-RXA

Indextrut Guide nut with fast-fixing washer

METAL



CODE	SIZE	
TURXA08	M8	50
TURXA10	M10	50

EG-X

Channel bracket Indextrut

METAL



CODE	SIZE	HOLE NUM		
EMX1302	71/48 x 40 x 5 135°	2	20	100
EMX4502	86/52 x 40 x 5 45°	2	25	125
EMX9002	48 x 51 x 5 90°	2	50	150
EMX9004	95 x 98 x 5 90°	4	25	75



Indextrut Accessories for profiles

PX-AC

METAL



CODE	SIZE	
SCRX090	100 x 100 x 40	10

SC-RX

Heavyduty angled bracket Indextrut



METAL



CODE	SIZE	
EMPX4121	M8 (41/21-41/41)	10

EMP-X

Indextrut Splice



METAL



CODE	SIZE	
RTX01	50 x 5	10

RT-X

Indextrut Ball bushing support



METAL



CODE	SIZE	HOLE NUM		
UNPX412101	40 x 40 x 5	1	50	300
UNPX412102	40 x 90 x 5	2	25	150
UNPX412103	40 x 138 x 5	3	25	125
UNPX412104	40 x 186 x 5	4	10	60

UN-PX

Indextrut Connector plate



METAL



CODE	SIZE	HOLE NUM	
UNEX412103	89 x 89 x 5	3	25

UN-EX

Connector plate Indextrut Square



PX-AC

Indextrut Accessories for profiles

UN-TX

Connector plate "T" Indextrut

METAL



CODE	SIZE	HOLE NUM	
UNTX412104	138 x 89 x 5	4	25

PG-X

Channel U-fitting Indextrut

METAL



CODE	SIZE		
PGX4121	41/21 x 40	15	90
PGX4141	41/41 x 40	10	60

AB-GX

Perforated profile clamp Indextrut

METAL



CODE	SIZE	
ABGX4121	41x21 - 41x41	20

VE-AC

Ventilation accessories

UN-CO

Conduit union type "C"

METAL



CODE	SIZE		
UNCO3220	32 x 20	100	400

SO-PG

Isophonic rubber profile for support

METAL



CODE	SIZE	
SOPG27	27/18 - 28/30 (20M)	1
SOPG38	38/40 - 40/20 (20M)	1
SOPG41	41/21 - 41/41 (20M)	1



INSTALLATION SYSTEMS AND FIXINGS FOR SOLAR PANELS



ISF-GG

Clamps for photovoltaic modules assembly

KFR-SC

Quick pre-assembled clamp



METAL



CODE	SIZE		
KFRSC3050	30 - 50	10	240

NEW KFR-SCN

Quick pre-assembled clamp, Black



METAL



CODE	SIZE		
KFRSCN3050	30 - 50	10	240

NEW KFR-SS

Simple pre-assembled clamp



METAL



CODE	SIZE		
KFRSS0850	8 x 50	10	60
KFRSS0870	8 x 70	10	60

NEW CL-GS

Clip for fastening of solar panels by clipping



METAL



CODE	SIZE		
CLGS1522	1,5-2,2	20	240

PGS-A

Simple clamp



METAL



CODE	SIZE		
PGSA26	26	20	720

Clamps for photovoltaic modules assembly

ISF-GG

METAL



CODE	SIZE		
PGSN26	26	20	720

PGS-N NEW

Simple clamp. Black



METAL



CODE	SIZE		
GMA030	30	10	120
GMA035	35	10	120
GMA040	40	10	120

GM-A

Aluminium gauge for solar frame



METAL



CODE	SIZE		
GMN030	30	10	120
GMN035	35	10	120
GMN040	40	10	120

GM-N NEW

Aluminium gauge for solar frame.
Black



Profiles, joints, channels and connectors for supporting structure

ISF-PU

METAL



CODE	SIZE	
GPXS4115012	41 x 41 x 1,5 - L.125mm	50
GPXS4115125	41 x 41 x 1,5 - L.1250mm	10
GPXS4115187	41 x 41 x 1,5 - L.1875mm	10
GPXS4115250	41 x 41 x 1,5 - L.2500mm	6
GPXS4115362	41 x 41 x 1,5 - L.3625mm	6

GP-XS

INDEXTRUT solar perforated guide.
Atlantis C4-M steel



METAL



CODE	SIZE	
GPXSB415012	41 x 41 x 1,5 - L.125 mm	50

GP-XSB NEW

INDEXTRUT solar perforated guide
with butylene adhesive sealing tape



ISF-PU

Profiles, joints, channels and connectors for supporting structure

EMP-XS

INDEXTRUT solar connector. Atlantis C4-M steel. Valid for guide GP-XS



METAL



CODE	SIZE	
EMPXS4115	41 x 1,5	40

NEW EMP-XSD

INDEXTRUT solar connector with screw DIN-603 A2 and nut DIN-6923 A2. Valid for guide GP-XS



Components. EMPXS4115 x 2
D603I08016 x 4
6923I1008 x 4

METAL



CODE	SIZE	SCREW SIZE	
EMPXSD4115	41 x 1,5	M8x16	1

GP-VD

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



METAL



CODE	SIZE	
GPVD4162012	41 x 62 x 2,00	50

PSA-A

Winged aluminum profile



METAL



CODE	SIZE	
PSAA0400	80 x 35 - L.400 mm	20
PSAA1250	80 x 35 - L.1250 mm	2
PSAA1875	80 x 35 - L.1875 mm	2
PSAA2500	80 x 35 - L.2500 mm	2
PSAA3625	80 x 35 - L.3625 mm	2
PSAA4400	80 x 35 - L.4400 mm	2
PSAA4800	80 x 35 - L.4800 mm	2

PSA-UN

Aluminium connector for profile PSA-A

METAL



CODE	SIZE	
PSAUN200	200	20

Profiles, joints, channels and connectors for supporting structure

ISF-PU

METAL



CODE	SIZE	SCREW SIZE	
PSAUNT200	200	M5,5 x 19,0	1

PSA-UNT NEW

Aluminium connector for PSA-A profile with screw DIN-7504-K A2. Valid for guide PSA-A



Components: PSAUNT200 x 2
ABE15519 x 8

METAL



CODE	SIZE	
PSAAV0150	90 x 75 - L.150 mm	20

PSA-AV

Aluminium profile with wings for discontinuous direct valley fixing



METAL



CODE	SIZE	
PSEA601250	47 x 60 - L.1250 mm	2
PSEA601875	47 x 60 - L.1875 mm	2
PSEA602500	47 x 60 - L.2500 mm	2
PSEA603625	47 x 60 - L.3625 mm	2
PSEA604400 NEW	47 x 60 - L.4400 mm	2
PSEA604800 NEW	47 x 60 - L.4800 mm	2

PSE-A

Aluminium profile for assembled fixing



METAL



CODE	SIZE	
PSEUN060200	60 x 200	20

PSE-UN

Aluminium connector for PSE-A profile



METAL



CODE	SIZE	SCREW SIZE	
PSEUNT60200	60 x 200	M 5,5 x 19,0	1

PSE-UNT NEW

Aluminium connector for PSE-A profile with screw DIN-7504-K A2



Components: PSEUNT60200 x 2
ABE15519 x 8

ISF-PU

Profiles, joints, channels and connectors for supporting structure

PSE-C

Aluminium profile for side mounting



CODE	SIZE	
PSEC410125	41 x 41 - L.125 mm	20
PSEC410200	41 x 41 - L.200 mm	20
PSEC411250	41 x 41 - L.1250 mm	2
PSEC411875	41 x 41 - L.1875 mm	2
PSEC412500	41 x 41 - L.2500 mm	2
PSEC413625	41 x 41 - L.3625 mm	2
PSEC414400 NEW	41 x 41 - L.4400 mm	2
PSEC414800 NEW	41 x 41 - L.4800 mm	2

NEW PSE-CB

Aluminium profile for side mounting with butylene adhesive sealing tape



CODE	SIZE	
PSECB410125	41 x 41 - L.125 mm	20
PSECB410200	41 x 41 - L.200 mm	20

PSE-CUN

Aluminium connector for PSE-C profile



CODE	SIZE	
PSECUN200	200 mm	10

NEW PSE-CUNT

Aluminium connector for PSE-C profile with screw DIN-7504-K A2. Valid for guide PSE-C



CODE	SIZE	SCREW SIZE		
PSECUNT200	200	5,5 x 19	1	20

Components: PSECUN200 x 2
ABEIS519 x 8

Connectors + Accessories for the solar structures assembly

ISF-CC

METAL



CODE	SIZE	INSTALLATION KEY		
6921108020	M8 x 20	13	200	2.400
6921108050	M8 x 50	13	100	600
6921108070	M8 x 70	13	100	600

DIN-6921 A2

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



METAL



CODE	SIZE		
D603108016	M8 x 16	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	INSTALLATION KEY	N° RECESS		
D6923IM08	M8	13	13	250	3.000
D6923IM10	M10	15	17	250	3.000
D6923IM12	M12	18	19	250	1.500

DIN-6923 A2

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



METAL



CODE	SIZE		
D127IM08	M8	200	9.000
D127IM10	M10	100	4.500
D127IM12	M12	100	4.500

DIN-127 A2

Grower spring washer DIN-127. Stainless steel A2



MULTI-MATERIAL



CODE	SIZE		
TPGPXS	Perfil GP-XS	20	500
TPPSAA	Perfil PSA-A	20	500
TPPSEA	Perfil PSE-A	20	500
TPPSEC	Perfil PSE-C	20	500

TP-PS ^{NEW}

Lateral cap for solar profile



ISF-CC

Connectors + Accessories for the solar structures assembly

KFS-FI

Cross connector for bottom fixing.
Stainless steel A2



METAL



CODE	SIZE		
KFSFIM08	M8	100	900

KFS-FL

Cross connector for lateral fixing.
Stainless steel A2



METAL



CODE	SIZE		
KFSFLM08	M8	10	80

KFS-FC

Cross connector for lateral fixing.
PSE-C profile



METAL



CODE	SIZE		
KFSFCM0820	8 x 20	10	80

TU-RX A2

INDEXTRUT quick nut. Stainless steel
A2



METAL



CODE	SIZE		
TURXA208	M8	50	300

NEW CL-CCS

Clip for cable conduction. Simple



METAL



CODE	SIZE		
CLCCS0616	6-16	20	480

NEW CL-SC

Clip for fastening connections
between cables



METAL



CODE	SIZE		
CLSC1722	17-22	20	480

Connectors + Accessories for the solar structures assembly

ISF-CC

METAL



CODE	SIZE		
CLTT01	1	20	900

CL-TT NEW

Clip for screwless earthing cable



METAL



CODE	SIZE		
CLEX01	350 x 80 x 40	1	12

CL-EX NEW

Extraction tool for CL solar fixing clips



METAL



CODE	SIZE		
CLPG4120	20 mm	10	120

CL-PG NEW

Rubber separator between panels for CL-GS clips



SOLID



CODE	SIZE		
BBISDS10210	Ø10 x 210	1	50
BBISDS16400	Ø16 x 400	1	25

BBI-SDS NEW

SDS-plus drill bits. Low impact



METAL

CODE	SIZE	
BOCAL007	7 mm	5
BOCAL009	9 mm	5

BOCA-L NEW

Long hexagonal nut setter



ISF-TR

Triangular structures for the solar panels installation

TPA-R

Pre-assembled and adjustable aluminium triangle. Valid for profile PSE-A



METAL



CODE	SIZE	
TPAR251500	25° / 30° / 35° - L.1500 mm	4

TPA-P

Strut profile for pre-assembled aluminium triangle



METAL



CODE	SIZE	
TPAP352000	35 x 35 - L.2000 mm	2

TRP-XS

Pre-assembled and adjustable triangle INDEXTRUT. Steel with Atlantis C4-M coating. Valid for guide GP-XS



METAL



CODE	SIZE	
TRPXS412515	25° - 35° - L.1500 mm	4

NEW

TPA-A

Pre-assembled aluminum open triangle. Valid for guides PSE-C y PSE-A



METAL



CODE	SIZE	
TPAA151230	15° - L.1230 mm	4
TPAA151750	15° - L.1750 mm	4
TPAA301230	30° - L.1230 mm	4
TPAA301750	30° - L.1750 mm	4

NEW

TPA-C

Pre-assembled aluminum closed triangle. Valid for guides PSE-C y PSE-A



METAL



CODE	SIZE	
TPAC151230	15° - L.1230 mm	4
TPAC151750	15° - L.1750 mm	4
TPAC301230	30° - L.1230 mm	4
TPAC301750	30° - L.1750 mm	4

Triangular structures for the solar panels installation

ISF-TR

METAL



CODE	SIZE		
NUXSM0841	M8	10	100

NU-XS

Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating. Valid for guides PSE-C y PSE-A



Adjustable accessories for solar panels installation

ISF-FR

METAL



CODE	SIZE	INSTALLATION KEY		
KFSMA10200	10 x 200	7	25	150
KFSMA102002 NEW	10 x 200	7	2	-
KFSMA102010 NEW	10 x 200	7	10	40
KFSMA10250	10 x 250	7	25	150
KFSMA102502 NEW	10 x 250	7	2	-
KFSMA102510 NEW	10 x 250	7	10	20
KFSMA12300	12 x 300	9	25	75
KFSMA12350	12 x 350	9	25	75

KFS-MA

Double threaded stud. Stainless steel A2



METAL



CODE	SIZE	INSTALLATION KEY		
KFSAU10160	10 x 160	13	25	150
KFSAU10200	10 x 200	13	25	75

KFS-AU

Self-tapping screw. Stainless steel A2



METAL



CODE	SIZE	INSTALLATION KEY		
KFSRV10250	10 x 250	7	25	150
KFSRV12350	12 x 350	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



CODE	SIZE	
GSTC040080	40 - 80	20
GSTC040801 NEW	40 - 80	1
GSTC040810 NEW	40 - 80	10
GSTC080120	80 - 120	20
GSTC081201 NEW	80 - 120	1
GSTC081210 NEW	80 - 120	10

METAL



Tile



GS-TU

Adjustable roof hook for universal roof tile. Stainless steel A2



CODE	SIZE	
GSTU040055	40 - 55	20
GSTU040501 NEW	40 - 55	1
GSTU040510 NEW	40 - 55	10

METAL



Tile



NEW

GS-TP

Roof hook for flat roof tile. Stainless steel A2



CODE	SIZE	
GSTP075100	75 - 100	20
GSTP120145	120 - 145	20

METAL



Tile



Flat tile



NEW

GS-PI

Roof hook for slate roofing tile. Stainless steel A2



CODE	SIZE	
GSPI040065	40 - 65	20
GSPI090115	90 - 115	20

METAL



Slate



STR

Adjustable support for trapezoidal roof. Stainless steel A2



CODE	SIZE	
STR1680	16 - 80	40

METAL



A2 INOX



Adjustable accessories for solar panels installation

ISF-FR

METAL



CODE	SIZE		
PMO1012	M10 - M12	25	300

PMO

Plate for double threaded screw.
Stainless steel A2



METAL



CODE	SIZE	
PMOD101202	M10 - M12	2
PMOD101210	M10 - M12	10

PMO-D NEW

Plate for double threaded screw with
screw DIN-603 A2 and nut DIN-6923
A2



Components: PMO1012 x1
D603108016 x1
D69231008 x1

METAL



CODE	SIZE	
PMOK101202	M10 - M12	2
PMOK101210	M10 - M12	10

PMO-K NEW

Plate for double threaded screw with
cross connector for bottom fixing.
Stainless steel A2



Components: PMO1012 x1
KFSPIM08 x1

METAL



CODE	SIZE		
PMOL1012	M10 - M12	25	300

PMO-L

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



METAL



CODE	SIZE	
PMOLK101202	M10 - M12	2
PMOLK101210	M10 - M12	10

PMO-LK NEW

Aluminium L-shaped plate for lateral
fixing with cross connector for bottom
fixing. Valid for PSE-C profile



Components: PMO1012 x1
KFSPIM08 x1

ISF-FR

Adjustable accessories for solar panels installation

MO-TL

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



CHEMICAL



CODE	SIZE		
MOTL16330	16 x 330	10	500

MO-PC

Nozzle extender for chemical fixings



CHEMICAL



CODE	SIZE	PCS. X JAR		
MOPC185	185 mm	12	1	20

ISF-FD

Direct fixing accessories for solar panels installation

DIN-7504-K RE NI + ARVUL

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



METAL



CODE	SIZE			
ARENI166325	6,25 x 25 P-16	8	500	3.000

NEW PST 3 + ARVUL A2

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



METAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	DRILL CAPACITY		
PSTL1655060	5,5 / 6,3 x 60 P16	8	31 - 45	1,50-6,00	100	1.200
PSTL1655082	5,5 / 6,3 x 82 P16	8	43 - 67	1,50-6,00	100	600
PSTL1655098	5,5 / 6,3 x 98 P16	8	54 - 83	1,50-6,00	100	600
PSTL1655115	5,5 / 6,3 x 115 P16	8	56 - 100	1,50-6,00	100	600

NEW PST 5 + ARVUL A2

Extra long drill point screw #5 with ATLANTIS C4-M coating and A2 stainless washer



METAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	DRILL CAPACITY		
PSTL1655075	5,5 / 6,3 x 75 P16	8	33 - 60	6,00-12,00	100	1.200
PSTL1655085	5,5 / 6,3 x 85 P16	8	38 - 70	6,00-12,00	100	600
PSTL1655105	5,5 / 6,3 x 105 P16	8	48 - 90	6,00-12,00	100	600
PSTL1655130	5,5 / 6,3 x 130 P16	8	63 - 115	6,00-12,00	100	600

Direct fixing accessories for solar panels installation

ISF-FD

METAL



CODE	SIZE	N° RECESS		
TACN165525	5,5 x 25 P16	8	500	2.000

TAC + ARVUL

Atlantis C4-M thin sheet screw + vulcanised EPDM washer



METAL



CODE	SIZE	N° RECESS		
TACB166025	6 x 25 P16	8	500	2.000

TAC BIMETAL + ARVUL A2

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



METAL



CODE	SIZE	DRILL Ø		
RETE5220	5,2 x 20	5,3	250	3.000

RE-TE

Watertight trebol rivet + vulcanised EPDM steel washer



METAL



CODE	SIZE		
AUENI166325	6,25 x 25 P-16	500	2.000

AUE NI + ARVUL

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



ISF-ES

Sealing accessories for solar panel installation

ARS-P

Stainless steel A2 umbrella washer + EPDM



METAL



CODE	SIZE		
ARSP08	M8	100	1.200
ARSP10	M10	100	1.200

ARS-S

Washer for double threaded bolt



METAL



CODE	SIZE		
ARSS10	M10	100	1.200
ARSS12	M12	100	1.200

CS-B

Butylene adhesive sealing tape



METAL



CODE	SIZE		
CSB0104010	40 x 1 - L.10	1	27
CSB0108010	80 x 1 - L.10	1	18

MS-IS

High elasticity, multi-purpose liquid hybrid waterproofing membrane based on W-PROTEK technology



CHEMICAL



Concrete

Ceramic

Hardwood

Fibre cement

Tile

Aluminum profiles

Adobe Brick

Solid brick

CODE	SIZE	COLOR		
MSISG01	1 kg. (Gris)	GREY	1	6
MSISG05	5 kg. (Gris)	GREY	1	6
MSIST01	1 kg. (Terracota)	TERRACOTTA	1	6
MSIST05	5 kg. (Terracota)	TERRACOTTA	1	6



Kits for solar installations

ISF-KT



CODE	SIZE	
KCPSA0230	x2 (30 mm) - ORIGEN	1
KCPSA0235	x2 (35 mm) - ORIGEN	1
KCPSA0240	x2 (40 mm) - ORIGEN	1
KCPSA02AM	x2 - AMPLIACION	1
KCPSA0330	x3 (30 mm) - ORIGEN	1
KCPSA0335	x3 (35 mm) - ORIGEN	1
KCPSA0340	x3 (40 mm) - ORIGEN	1
KCPSA03AM	x3 - AMPLIACION	1

KC-PSA

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



KC-PSD

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



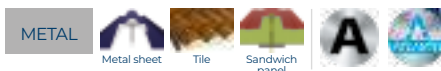
CODE	SIZE	
KCPSD01AM	x1 - AMPLIACION	1
KCPSD0130	x1 (30 mm) - ORIGEN	1
KCPSD0135	x1 (35 mm) - ORIGEN	1
KCPSD0140	x1 (40 mm) - ORIGEN	1



CODE	SIZE	
KCPSC0230	x2 (30 mm) - ORIGEN	1
KCPSC0235	x2 (35 mm) - ORIGEN	1
KCPSC0240	x2 (40 mm) - ORIGEN	1
KCPSC02AM	x2 - AMPLIACION	1
KCPSC0330	x3 (30 mm) - ORIGEN	1
KCPSC0335	x3 (35 mm) - ORIGEN	1
KCPSC0340	x3 (40 mm) - ORIGEN	1
KCPSC03AM	x3 - AMPLIACION	1

KC-PSC

Coplanar with aluminium profile PSE-C. Lateral assembled fastening



CODE	SIZE	
KCGPX0230	x2 (30 mm) - ORIGEN	1
KCGPX0235	x2 (35 mm) - ORIGEN	1
KCGPX0240	x2 (40 mm) - ORIGEN	1
KCGPX02AM	x2 - AMPLIACION	1
KCGPX0330	x3 (30 mm) - ORIGEN	1
KCGPX0335	x3 (35 mm) - ORIGEN	1
KCGPX0340	x3 (40 mm) - ORIGEN	1
KCGPX03AM	x3 - AMPLIACION	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	
KCGPD01AM	x1 - AMPLIACION	1
KCGPD0130	x1 (30 mm) - ORIGEN	1
KCGPD0135	x1 (35 mm) - ORIGEN	1
KCGPD0140	x1 (40 mm) - ORIGEN	1

KT-PSE

Triangular with PSE-A aluminium profile. Assembled fixing



CODE	SIZE	
KTPSE0230	x2 (30 mm) - ORIGEN	1
KTPSE0235	x2 (35 mm) - ORIGEN	1
KTPSE0240	x2 (40 mm) - ORIGEN	1
KTPSE02AM	x2 - AMPLIACION	1
KTPSE0330	x3 (30 mm) - ORIGEN	1
KTPSE0335	x3 (35 mm) - ORIGEN	1
KTPSE0340	x3 (40 mm) - ORIGEN	1
KTPSE03AM	x3 - AMPLIACION	1

NEW KT-PSC

Triangular with PSE-C aluminium profile. Assembled fixing



CODE	SIZE	
KTPSC0230	x2 (30 mm) - ORIGEN	1
KTPSC0235	x2 (35 mm) - ORIGEN	1
KTPSC0240	x2 (40 mm) - ORIGEN	1
KTPSC02AM	x2 - AMPLIACION	1
KTPSC0330	x3 (30 mm) - ORIGEN	1
KTPSC0335	x3 (35 mm) - ORIGEN	1
KTPSC0340	x3 (40 mm) - ORIGEN	1
KTPSC03AM	x3 - AMPLIACION	1

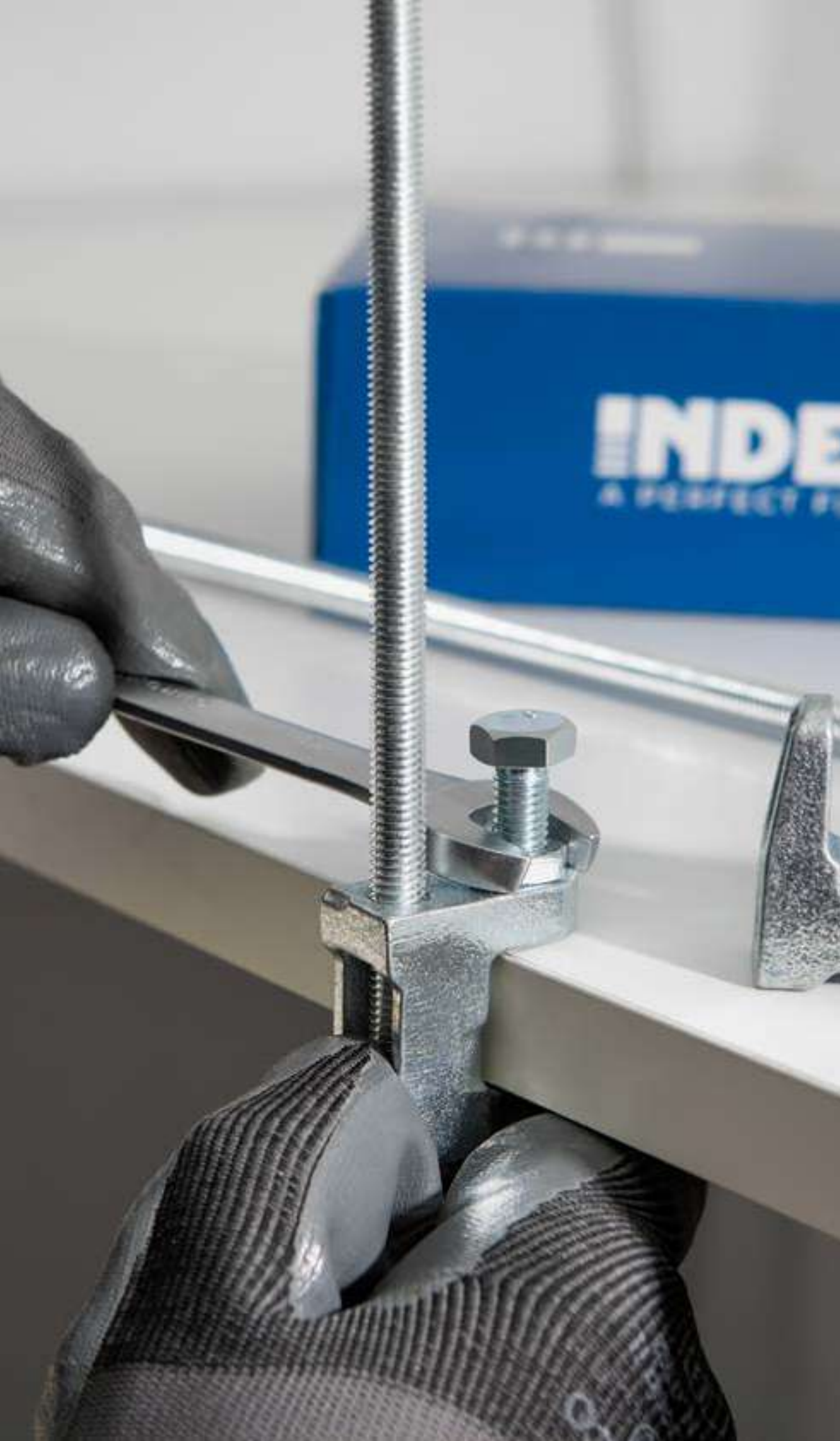
KT-GPX

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



METAL

CODE	SIZE	
KTGPX0230	x2 (30 mm) - ORIGEN	1
KTGPX0235	x2 (35 mm) - ORIGEN	1
KTGPX0240	x2 (40 mm) - ORIGEN	1
KTGPX02AM	x2 - AMPLIACION	1
KTGPX0330	x3 (30 mm) - ORIGEN	1
KTGPX0335	x3 (35 mm) - ORIGEN	1
KTGPX0340	x3 (40 mm) - ORIGEN	1
KTGPX03AM	x3 - AMPLIACION	1



QUICK BEAM ATTACHMENT SYSTEM



SU

Quick beam attachment system

SU-MO

Beam clamp



 *Technical info*
P. 431

METAL



CODE	SIZE	MAX. BEAM WIDTH		
SUMOM06	ROSCADO M6	20	50	200
SUMOM08	ROSCADO M8	20	50	200
SUMOP09	PASANTE Ø9	20	50	200
SUMOM10	ROSCADO M10	20	50	150
SUMOP11	PASANTE Ø11	20	50	150
SUMOM12	ROSCADO M12	25	50	-
SUMOP13	PASANTE Ø13	25	50	100

SU-CL

Suspension clip



 *Technical info*
P. 431

METAL



CODE	SIZE	MIN. BEAM LENGTH		
SUCL02	6.3	14	100	1.200
SUCL04	6.3	23	100	400
SUCL10	6.3	23	100	300
SUCL15	6.3	23	100	300

SU-VA

Rod clip



 *Technical info*
P. 431

METAL



CODE	SIZE	MIN. BEAM LENGTH		
SUVA0602	M6	14	100	300
SUVA0802	M8	14	100	300
SUVA0604	M6	23	100	200
SUVA0804	M8	23	100	200
SUVA0610	M6	23	100	-
SUVA0810	M8	23	100	200
SUVA0615	M6	23	100	-
SUVA0815	M8	23	100	-

Quick beam attachment system

SU

02 Technical
P. 432 info

METAL



CODE	SIZE		
SUCU0602	M6	100	300
SUCU0605	M6	100	300
SUCU0606	M6	100	200
SUCU0607	M6	100	200

SU-CU

Holder clip



02 Technical
P. 432 info

METAL



CODE	SIZE	SCREW SIZE	THICKNESS MAX. FIXTURE (MM)	MAX. BEAM WIDTH		
SUAB0603	M6	M6 x 9	3 - 7	3 - 7	100	300
SUAB0607	M6	M6 x 9	7 - 13	7 - 13	100	200
SUAB0614	M6	M6 x 9	14 - 20	14 - 20	100	200

SU-AB

Beam clip for clamp



02 Technical
P. 432 info

METAL



CODE	SIZE	THICKNESS MAX. FIXTURE (MM)		
SUCA0602	6-7	1 - 4	100	2.400
SUCA0604	6-7	4 - 7,5	100	1.200
SUCA0607	6-7	7,5 - 12	100	1.200
SUCA0802	8-9	1 - 4	100	1.200
SUCA0804	8-9	4 - 7,5	100	1.200
SUCA0807	8-9	7,5 - 12	100	1.200
SUCA1002	10-11	1 - 4	100	1.200
SUCA1004	10-11	4 - 7,5	100	1.200
SUCA1007	10-11	7,5 - 12	100	1.200
SUCA1202	12-14	1 - 4	100	1.200
SUCA1204	12-14	4 - 7,5	100	1.200
SUCA1207	12-14	7,5 - 12	100	1.200
SUCA1502	15-18	1 - 4	100	1.200
SUCA1504	15-18	4 - 7,5	100	1.200
SUCA1507	15-18	7,5 - 12	100	1.200
SUCA1902	19-24	1 - 4	100	1.200
SUCA1904	19-24	4 - 7,5	100	600
SUCA1907	19-24	7,5 - 12	100	600
SUCA2502	25-30	1 - 4	100	600
SUCA2504	25-30	4 - 7,5	100	600
SUCA2507	25-30	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	Z
CODE	SIZE	KITS 					
RATRG095	95	50					



RA-TRI

1" triangular support



SANITATION		Concrete	Aerated concrete	Hollow brick	Solid brick	Stone	Z
CODE	SIZE	KITS 					
RATRI095	95	100					

RA-FRE

Straight Ferroli support. 2 PCS x KIT



SANITATION		Concrete	Aerated concrete	Hollow brick	Solid brick	Stone	Z
CODE	SIZE	KITS 					
RAFRE095	95	50					



RA-FIN

Inclined Ferroli support. 2 PCS x KIT



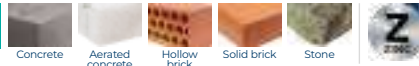
SANITATION		Concrete	Aerated concrete	Hollow brick	Solid brick	Stone	Z
CODE	SIZE	KITS 					
RAFIN100	100	50					



Aluminium radiator supports

RA

SANITATION



CODE	SIZE	KITS
RAR0100	100	50

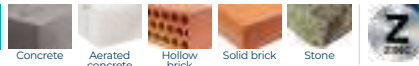
TN4S
With multimaterial
high-quality nylon plug

RA-RO

Roca support. 2 PCS x KIT



SANITATION



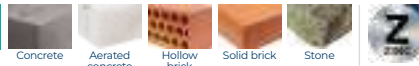
CODE	SIZE	KITS
RAFEM145	145	250
RAFEM175	175	250

RA-FEM

Ferroli support to recess



SANITATION



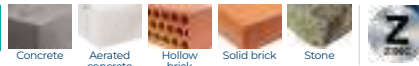
CODE	SIZE	KITS
RARAY032	32 x 78	250

RA-RAY

Rayco support



SANITATION



CODE	SIZE	KITS
RAPES032	32 x 78	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



SANITATION			
	Concrete	Hollow concrete	Solid brick
	Aerated concrete	Hollow brick	Stone
	Ny	Z	
CODE	SIZE	KITS x	
SALN08100	M8 x 100	50	
SALN10120	M10 x 120	50	



SA-LH

Sanitary fixings with iron nut. 2 PCS x KIT



SANITATION			
	Concrete	Hollow concrete	Solid brick
	Aerated concrete	Hollow brick	Stone
	Ny	Z	
CODE	SIZE	KITS x	
SALH08100	M8 x 100	100	
SALH10120	M10 x 120	50	



SA-IL

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



SANITATION			
	Concrete	Hollow concrete	Solid brick
	Aerated concrete	Hollow brick	Stone
	A2	Ny	
CODE	SIZE	KITS x	
SAILO6080	M6 x 80	100	

SA-WZ

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



SANITATION			
	Concrete	Hollow concrete	Solid brick
	Aerated concrete	Hollow brick	Stone
	Ny	Z	
CODE	SIZE	KITS x	
SAWZ05080	M5 x 80	300	



SA-WL

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



SANITATION			
	Concrete	Hollow concrete	Solid brick
	Aerated concrete	Hollow brick	Stone
	L	Ny	
CODE	SIZE	KITS x	
SAWL05080	M5 x 80	100	



Sanitary fixings

SA

SANITATION



CODE	SIZE	KITS
SACI06080	M6 x 80	100

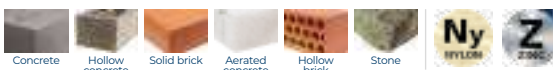


SA-CI

Cistern fixing kit. 2 PCS x KIT



SANITATION



CODE	SIZE	KITS
SAWH06070	M6 x 70	50



SA-WH

Horizontal WC fixing kit. 2 PCS x KIT



SANITATION



CODE	SIZE	KITS
SAWHM06060	Ø6x60	50



SA-WHM

Horizontal multiposition fixing elements for WC. 2 PCS x KIT



SANITATION



CODE	SIZE	KITS
SATEB0860	Ø8x60	50
SATEB1080	Ø10x80	50



SA-TE TB

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



SANITATION



CODE	SIZE	KITS
SATEA0865	Ø8x65	50
SATEA1075	Ø10x75	50



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



SANITATION



CODE	SIZE	KITS 
COSO15400	1,5 x 400	1
COSO15450	1,5 x 450	1
COSO15500	1,5 x 500	1
COSO20400	2 x 400	1
COSO20450	2 x 450	1
COSO20500	2 x 500	1

CO-KS

Silent block support kit for AC. 4 PCS x KIT



SANITATION



CODE	SIZE	KITS 
COKS08060	M8 x 60	1



THREADED ROD AND FIXING ACCESSORIES





RV

Threaded rod

RV-ZN

Zinc-plated. 1 meter



METAL



CODE	SIZE	PITCH	
975ZM04	M4 x 1000	0.7	100
975ZM05	M5 x 1000	0.8	100
975ZM06	M6 x 1000	1	100
975ZM08	M8 x 1000	1.25	50
975ZM10	M10 x 1000	1.5	25
975ZM12	M12 x 1000	1.75	20
975ZM14	M14 x 1000	2	10
975ZM16	M16 x 1000	2	10
975ZM18	M18 x 1000	2.5	10
975ZM20	M20 x 1000	2.5	5
975ZM22	M22 x 1000	2.5	5
975ZM24	M24 x 1000	3	5
975ZM27	M27 x 1000	3	5
975ZM30	M30 x 1000	3.5	5
975ZM33	M33 x 1000	3.5	3
975ZM36	M36 x 1000	4	3

RV-ZN 8.8

8.8, zinc-plated



METAL



CODE	SIZE	PITCH	
9758ZM05	M5 x 1000	0.8	100
9758ZM06	M6 x 1000	1	100
9758ZM08	M8 x 1000	1.25	50
9758ZM10	M10 x 1000	1.5	25
9758ZM12	M12 x 1000	1.75	20
9758ZM14	M14 x 1000	2	10
9758ZM16	M16 x 1000	2	10
9758ZM18	M18 x 1000	2.5	5
9758ZM20	M20 x 1000	2.5	5
9758ZM22	M22 x 1000	2.5	5
9758ZM24	M24 x 1000	3	5
9758ZM27	M27 x 1000	3	5
9758ZM30	M30 x 1000	3.5	5
9758ZM33	M33 x 1000	3.5	3
9758ZM36	M36 x 1000	4	3

RV-A2

A2 Stainless steel. 1 meter



STAINLESS STEEL



CODE	SIZE	PITCH	
975A2M04	M4 x 1000	0.7	1
975A2M05	M5 x 1000	0.8	1
975A2M06	M6 x 1000	1	1
975A2M08	M8 x 1000	1.25	1
975A2M10	M10 x 1000	1.5	1
975A2M12	M12 x 1000	1.75	1
975A2M14	M14 x 1000	2	1
975A2M16	M16 x 1000	2	1
975A2M18	M18 x 1000	2.5	1
975A2M20	M20 x 1000	2.5	1
975A2M22	M22 x 1000	2.5	1
975A2M24	M24 x 1000	3	1
975A2M27	M27 x 1000	3	1
975A2M30	M30 x 1000	3.5	1
975A2M33	M33 x 1000	3.5	1
975A2M36	M36 x 1000	4	1



Threaded rod

RV

METAL



RV-2M

Zinc-plated. 2 meters

CODE	SIZE	PITCH	
975ZM2M06	M6 x 2.000	1	50
975ZM2M08 NEW	M8 x 2.000	1.25	25
975ZM2M10 NEW	M10 x 2.000	1.5	20



Small threaded bolt

VR-SE

METAL



CODE	SIZE		
VRSE06020	M6 x 20	200	4.800
VRSE06030	M6 x 30	200	4.800
VRSE08020	M8 x 20	200	3.200
VRSE08030	M8 x 30	200	2.400
VRSE10030	M10 x 30	200	2.400
VRSE12030	M12 x 35	100	800



Coupling nut

MA

METAL



MA-HE

Hexagonal

CODE	SIZE		
MAE0620	M6 x 20	200	2.400
MAE0630	M6 x 30	200	1.600
MAE0825	M8 x 25	200	1.600
MAE1030	M10 x 30	150	900
MAE1235	M12 x 35	100	600
MAE1650	M16 x 50	50	100
MAE2060	M20 x 60	25	-



Blister



Window box

CODE	SIZE	PCS	BAGS
BZMAE0630	M6 x 30	6	15
BZMAE0825	M8 x 25	6	15
BZMAE1030	M10 x 30	4	15

CODE	SIZE	PCS	BOXES
VMAE0630	M6 x 30	20	8
VMAE0825	M8 x 25	20	8
VMAE1030	M10 x 30	15	8

METAL



MA-RE

Round

CODE	SIZE		
MAR0420	M4 x 20	200	4.800
MAR5322	5/32W x 20	200	4.800
MAR0620	M6 x 20	200	2.400
MAR0630	M6 x 30	200	1.600
MAR0825	M8 x 25	200	2.400
MAR0830	M8 x 30	200	1.600
MAR1030	M10 x 30	150	900
MAR1235	M12 x 35	100	600
MAR1650	M16 x 50	50	300



Window box

CODE	SIZE	PCS	BOXES
VMAR0420	M4 x 20	25	8
VMAR0630	M6 x 30	20	8
VMAR0830	M8 x 30	20	8
VMAR1030	M10 x 30	15	8



MA

Coupling nut

MA-RI

Round. A2 Stainless steel



STAINLESS STEEL



CODE	SIZE		
MARI0830	M8 x 30	100	2.400
MARI1030	M10 x 30	100	-

MA-MH

Spacer nut Male/Female



METAL



CODE	SIZE		
MAMH0610	M6 x 10	100	3.000
MAMH0620	M6 x 20	100	1.200
MAMH0630	M6 x 30	100	1.200
MAMH0640	M6 x 40	100	1.000
MAMH0650	M6 x 50	50	1.000

TAG

Threaded screw clamp and staple

AB-TA

Zinc-plated. Slotted



02 Technical
P. 432 info

SANITATION



CODE	SIZE		
ABTA0630	M6 x 30	100	4.500
ABTA0640	M6 x 40	100	2.400
ABTA0650	M6 x 50	100	2.400
ABTA0730	M7 x 30	100	2.400
ABTA0740	M7 x 40	100	2.400
ABTA0750	M7 x 50	100	2.400
ABTA0760	M7 x 60	100	1.200
ABTA0770	M7 x 70	100	1.200
ABTA0780	M7 x 80	100	1.200
ABTA0840	M8 x 40	100	2.400
ABTA0860	M8 x 60	100	1.200
ABTA0880	M8 x 80	100	1.200
ABTA1050	M10 x 50	100	1.200
ABTA1070	M10 x 70	100	800
ABTA1090	M10 x 90	100	600

AB-TA B

Yellow zinc-plated. Slotted



02 Technical
P. 433 info

SANITATION



CODE	SIZE		
ABTAB0630	M6 x 30	100	4.500
ABTAB0640	M6 x 40	100	2.400
ABTAB0650	M6 x 50	100	2.400



Threaded screw clamp and staple

TAG

02 Technical
P. 433 info

STAINLESS STEEL



AB-TA A2

A2 Stainless steel

CODE	SIZE		
ABTA20630	M6 x 30	100	2.400



02 Technical
P. 433 info

SANITATION



AB-TR

Threaded screw for clamps

CODE	SIZE		
ABTR05030	M5 x 30	100	2.400
ABTR05040	M5 x 40	100	2.400
ABTR05050	M5 x 50	100	2.400
ABTR05060	M5 x 60	100	1.200
ABTR06040	M6 x 40	100	2.400
ABTR06050	M6 x 50	100	1.200
ABTR06060	M6 x 60	100	1.200



SANITATION



AB-PM7

Cilindrical spacer for clamps M7

CODE	SIZE		
ABPM720	20	50	2.250
ABPM730	30	50	2.250
ABPM740	40	50	1.200



02 Technical
P. 433 info

SANITATION



AB-TG

Threaded screws for clips

CODE	SIZE		MIN. ORDER QTY.		
ABTG4530	4,5 x 30	PZ2	200	100	4.500
ABTG4535	4,5 x 35	PZ2	200	100	4.500
ABTG4540	4,5 x 40	PZ2	200	100	2.400
ABTG5030	5 x 30	PZ3	200	100	2.400
ABTG5040	5 x 40	PZ3	200	100	2.400





TAG

Threaded screw clamp and staple

TM-VR

Screw Coupling nut for threaded rod



SANITATION



CODE	SIZE		
TMVR06065	M6-Ø6 x 65	50	1.200
TMVR07065	M7-Ø6 x 65	50	1.200
TMVR08065	M8-Ø6 x 65	50	1.200

ES-DR

Double threaded screw

ES-DR

Zinc-plated. TX



02 Technical
P. 434 info

SANITATION



CODE	SIZE	INSTALLATION KEY		
ESDR06040	M6 x 40	-	100	3.000
ESDR06050	M6 x 50	-	100	2.400
ESDR06060	M6 x 60	-	100	2.400
ESDR06070	M6 x 70	-	100	1.600
ESDR06080	M6 x 80	-	100	1.600
ESDR08050	M8 x 50	-	100	1.600
ESDR08060	M8 x 60	-	100	800
ESDR08070	M8 x 70	-	100	800
ESDR08080	M8 x 80	6	100	800
ESDR08090	M8 x 90	6	100	800
ESDR08100	M8 x 100	6	100	800
ESDR08110	M8 x 110	6	100	800
ESDR08120	M8 x 120	6	100	800
ESDR08130	M8 x 130	6	100	800
ESDR10080	M10 x 80	8	100	800
ESDR10100	M10 x 100	8	100	400
ESDR10110	M10 x 110	8	100	400
ESDR10120	M10 x 120	8	100	400
ESDR10130	M10 x 130	8	100	400
ESDR10140	M10 x 140	8	100	400
ESDR10150	M10 x 150	8	100	400
ESDR10180	M10 x 180	8	100	300
ESDR10200	M10 x 200	8	100	200

ES-DA2

A2 Stainless steel. TX



02 Technical
P. 434 info

STAINLESS STEEL



CODE	SIZE	INSTALLATION KEY		
ESDA208060	M8 x 60	6	100	800
ESDA210060	M10 x 60	8	100	800



Brass expansion anchor for light fastenings in solid materials

TALA

02
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Technical
info

SOLID



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



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Blister

CODE	SIZE	PCS	BAGS
BZTALAM06	M6 x 23 Ø8	4	20
BZTALAM08	M8 x 28 Ø10	4	20
BZTALAM10	M10 x 33 Ø12	2	15

02
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Window box

CODE	SIZE	PCS	BOXES
VTALAM06	M6 x 23 Ø8	25	8
VTALAM08	M8 x 28 Ø10	15	8
VTALAM10	M10 x 33 Ø12	15	8

Steel expansion plug

TA-ME

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Technical
info

SOLID



CODE	SIZE	DRILL Ø	MIN. ORDER QTY.		
TAME05030	M5 x 30 Ø5	5	200	100	4.500
TAME06032	M6 x 32 Ø6	6	200	100	2.400
TAME08038	M8 x 38 Ø8	8	200	100	1.200
TAME08060	M8 x 60 Ø8	8	100	50	600
TAME10060	M10 x 60 Ø10	10	50	50	600



Metal nail plug with steel drill

TC-MA

METAL



CODE	SIZE	DRILL Ø		
TCMA05022	5 x 22 Ø5	5	100	2.400
TCMA06030	6 x 30 Ø6	6	100	2.400
TCMA06040	6 x 40 Ø6	6	100	1.200
TCMA06050	6 x 50 Ø6	6	100	1.200





HE

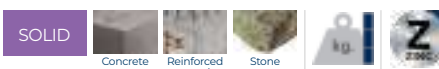
Drop-in anchor with internal thread for heavy loads

HE-HO

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



02 Technical info
P. 390



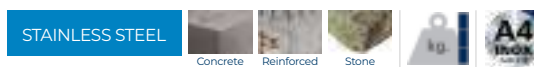
CODE	SIZE		
HEHOM06	M6 x 25 Ø8	100	3.200
HEHOM08	M8 x 30 Ø10	100	1.600
HEHOM10	M10 x 40 Ø12	50	800
HEHOM12	M12 x 50 Ø15	50	400
HEHOM12D	M12 x 50 Ø16	50	400
HEHOM16	M16 x 65 Ø20	25	200
HEHOM20	M20 x 80 Ø25	25	100

HE-A4

A4 Stainless steel. ETA Assessed for non-structural applications



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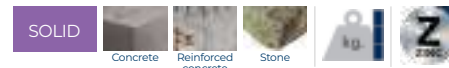
CODE	SIZE		
HEA4M06	M6 x 25 Ø8	100	4.000
HEA4M08	M8 x 30 Ø10	100	1.600
HEA4M10	M10 x 40 Ø12	50	800
HEA4M12	M12 x 50 Ø15	50	600
HEA4M16	M16 x 65 Ø20	25	250
HEA4M20	M20 x 80 Ø25	25	100

HE-CL

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



02 Technical info
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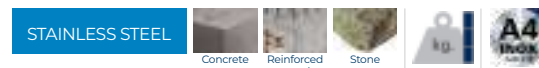
CODE	SIZE		
HECLOM06	M6 x 25 Ø8	100	3.200
HECLOM08	M8 x 30 Ø10	100	1.600
HECLOM10	M10 x 40 Ø12	50	800
HECLOM12	M12 x 50 Ø15	50	400
HECLOM12D	M12 x 50 Ø16	50	400
HECLOM16	M16 x 65 Ø20	25	200

HE-C4

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



02 Technical info
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CODE	SIZE		
HEC4M06	M6 x 25 Ø8	100	3.200
HEC4M08	M8 x 30 Ø10	100	1.600
HEC4M10	M10 x 40 Ø12	50	800
HEC4M12	M12 x 50 Ø15	50	400



Drop-in anchor with internal thread for heavy loads

HE

02
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info

SOLID



CODE	SIZE		
HENOM06	M6 x 25 Ø8	100	4.000
HENOM08	M8 x 30 Ø10	100	2.200
HENOM10	M10 x 40 Ø12	50	1.000
HENOM12	M12 x 50 Ø15	50	600
HENOM16	M16 x 65 Ø20	25	250
HENOM20	M20 x 80 Ø25	25	100

HE-NO

Zinc-plated



SOLID



CODE	SIZE		
HEHOSDS06	Ø8 x 27	1	10
HEHOSDS08	Ø10 x 33	1	10
HEHOSDS10	Ø12 x 43	1	10
HEHOSDS12	Ø15 x 54	1	10

HE-HO SDS

Stop drill bit for HE-HO



SOLID



CODE	SIZE		
HEHCSDS08	Ø10 x 28	1	10
HEHCSDS10	Ø12 x 28	1	10
HEHCSDS12	Ø15 x 29	1	10

HE-HC SDS

Stop drill bit for HE-HC



Washer for clamps

AB-F

SANITATION



CODE	SIZE		
ABFP25	25	100	2.400
ABFP32	32	100	2.400

AB-FP

Flat washer for clamps



SANITATION



CODE	SIZE		
ABFC09	9	100	2.400
ABFC14	14	100	1.200
ABFC19	19	100	1.200

AB-FC

Conical washer for clamps





PF

Flat bar for fixation

PF-ZN

Zinc-plated



METAL



CODE	SIZE		
PFZNM0800	M8	100	600
PFZNM0810	M8 + M10	100	600
PFZNM1000	M10	100	600

PF-A4

A4 Stainless steel



STAINLESS STEEL



CODE	SIZE		
PFA4M0800	M8	100	600
PFA4M0810	M8 + M10	100	600
PFA4M1000	M10	100	600

ABE-R

Self-drilling screw with male thread and accessories

ABE-RM

Self-drilling screw with male thread



METAL



CODE	SIZE		
ABERM06006	M6 x 5	200	2.400
ABERM08010	M8 x 10	100	1.200
ABERM08015	M8 x 15	100	1.200

ABE-BO

Hexagonal nut setter for ABE-RM



METAL

CODE	SIZE		
ABEB010	10 mm.	5	150
ABEB013	13 mm.	5	150



PLASTIC FIXINGS



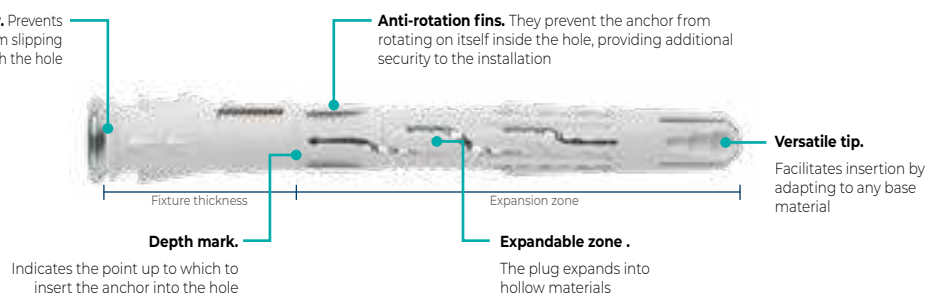
T-NUX

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

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



DESIGN AND GEOMETRY



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.

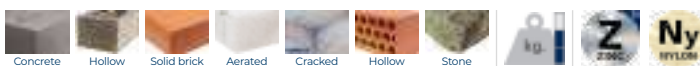


Universal high performance nylon plug

T-NUX



MULTI-MATERIAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)		
• TNUXA08060	8 x 60 Ø8	TX30	10	50	600
• TNUXA08080	8 x 80 Ø8	TX30	10	50	600
• TNUXA08100	8 x 100 Ø8	TX30	30	50	600
• TNUXA08120	8 x 120 Ø8	TX30	50	50	300
• TNUXA10060	10 x 60 Ø10	TX40	10	50	300
TNUXA10080	10 x 80 Ø10	TX40	10	50	300
TNUXA10100	10 x 100 Ø10	TX40	30	50	300
TNUXA10120	10 x 120 Ø10	TX40	50	50	300
TNUXA10140	10 x 140 Ø10	TX40	70	50	300
TNUXA10160	10 x 160 Ø10	TX40	90	50	200
TNUXA10180	10 x 180 Ø10	TX40	110	50	150
TNUXA10200	10 x 200 Ø10	TX40	130	50	150
TNUXA10230	10 x 230 Ø10	TX40	160	50	100

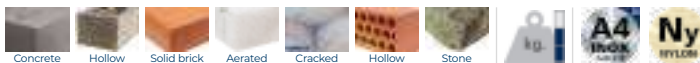
• Non-assessed sizes
• Non-assessed sizes for Fire Resist

Window box

CODE	SIZE	PCS	BOXES
VTNUXA08080	8 x 80 Ø8	8	8
VTNUXA08100	8 x 100 Ø8	8	8
VTNUXA10080	10 x 80 Ø10	8	8
VTNUXA10100	10 x 100 Ø10	8	8



STAINLESS STEEL

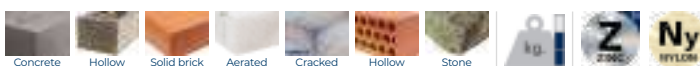


CODE	SIZE		THICKNESS MAX.FIXTURE (MM)		
• TNXA408080	8 x 80 Ø8	TX30	10	50	600
• TNXA408100	8 x 100 Ø8	TX30	30	50	600
• TNXA408120	8 x 120 Ø8	TX30	50	50	300
TNXA410080	10 x 80 Ø10	TX40	10	50	300
TNXA410100	10 x 100 Ø10	TX40	30	50	300
TNXA410120	10 x 120 Ø10	TX40	50	50	300
TNXA410140	10 x 140 Ø10	TX40	70	50	300

• Non-assessed sizes for Fire Resist



MULTI-MATERIAL



CODE	SIZE	N° RECESS	THICKNESS MAX.FIXTURE (MM)		
• TNUXE08060	8 x 60 Ø8	SW10/TX30	10	50	600
• TNUXE08080	8 x 80 Ø8	SW10/TX30	10	50	600
• TNUXE08100	8 x 100 Ø8	SW10/TX30	30	50	300
• TNUXE08120	8 x 120 Ø8	SW10/TX30	50	50	300
• TNUXE10060	10 x 60 Ø10	SW13/TX40	10	50	300
TNUXE10080	10 x 80 Ø10	SW13/TX40	10	50	300
TNUXE10100	10 x 100 Ø10	SW13/TX40	30	50	300
TNUXE10120	10 x 120 Ø10	SW13/TX40	50	50	300
TNUXE10140	10 x 140 Ø10	SW13/TX40	70	50	200
TNUXE10160	10 x 160 Ø10	SW13/TX40	90	50	150
TNUXE10180	10 x 180 Ø10	SW13/TX40	110	50	150
TNUXE10200	10 x 200 Ø10	SW13/TX40	130	50	150
TNUXE10230	10 x 230 Ø10	SW13/TX40	160	50	100

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

Window box

CODE	SIZE	PCS	BOXES
VTNUXE08080	8 x 80 Ø8	8	8
VTNUXE08100	8 x 100 Ø8	8	8
VTNUXE10080	10 x 80 Ø10	8	8
VTNUXE10100	10 x 100 Ø10	8	8

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



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

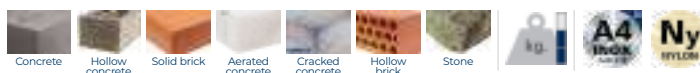
T-NUX E A4

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



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P. 401

STAINLESS STEEL



CODE	SIZE	N° RECESS	THICKNESS MAX.FIXTURE (MM)		
•TNXE408080	8 x 80 Ø8	SW10/TX30	10	50	600
•TNXE408100	8 x 100 Ø8	SW10/TX30	30	50	300
TNXE410080	10 x 80 Ø10	SW13/TX40	10	50	300
TNXE410100	10 x 100 Ø10	SW13/TX40	30	50	300
TNXE410120	10 x 120 Ø10	SW13/TX40	50	50	300
TNXE410140	10 x 140 Ø10	SW13/TX40	70	50	200

• Non-assessed sizes for Fire Resist

T-NUX T

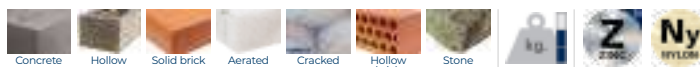
Tamperproof Truss Head. TX recess. Zinc-plated. ETA Assessed



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

02 Technical info
P. 401

MULTI-MATERIAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)		
TNuxt10080	10 x 80 Ø10	TX40	10	50	300
TNuxt10100	10 x 100 Ø10	TX40	30	50	300
TNuxt10120	10 x 120 Ø10	TX40	50	50	200
TNuxt10140	10 x 140 Ø10	TX40	70	50	200
TNuxt10160	10 x 160 Ø10	TX40	90	50	200

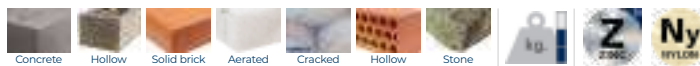
T-FUX E

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



02 Technical info
P. 401

MULTI-MATERIAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)		
•TFUXE10080	10 x 80 Ø10	SW13/TX40	10	50	300
TFUXE10100	10 x 100 Ø10	SW13/TX40	30	50	200
TFUXE10120	10 x 120 Ø10	SW13/TX40	50	50	200
TFUXE10140 NEW	10 x 140 Ø10	SW13/TX40	70	50	200

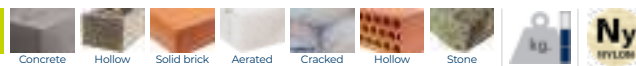
• Non-assessed sizes for Fire Resist

T-NUX

Nylon plug



MULTI-MATERIAL



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)		
TNux08060	8 x 60	-	50	800
TNux08080	8 x 80	-	50	600
TNux08100	8 x 100	-	50	600
TNux08120	8 x 120	-	50	600
TNux10060	10 x 60	-	50	600
TNux10080	10 x 80	-	50	600
TNux10100	10 x 100	-	50	600
TNux10120	10 x 120	-	50	600
TNux10140	10 x 140	-	50	300

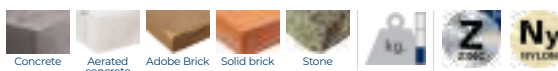


Polyamide 6.6 hammerfix nylon plug

TCA



MULTI-MATERIAL



TC-CA

Countersunk plug

CODE	SIZE		THICKNESS MAX. FIXTURE (MM)	MIN. ORDER QTY.		
TCCA05025	5 x 25 Ø5	PZ2	5	400	100	2.400
TCCA05030	5 x 30 Ø5	PZ2	5	400	100	2.400
TCCA05035	5 x 35 Ø5	PZ2	10	400	100	2.400
TCCA05050	5 x 50 Ø5	PZ2	25	200	100	1.200
TCCA06035	6 x 35 Ø6	PZ2	10	400	100	1.200
TCCA06040	6 x 40 Ø6	PZ2	10	400	100	1.200
TCCA06050	6 x 50 Ø6	PZ2	20	200	100	1.200
TCCA06060	6 x 60 Ø6	PZ2	30	200	100	1.200
TCCA06070	6 x 70 Ø6	PZ2	40	200	100	1.200
TCCA06080	6 x 80 Ø6	PZ2	50	200	100	1.200
TCCA08060	8 x 60 Ø8	PZ3	20	200	100	600
TCCA08080	8 x 80 Ø8	PZ3	40	200	100	600
TCCA08100	8 x 100 Ø8	PZ3	60	100	100	600
TCCA08120	8 x 120 Ø8	PZ3	80	100	100	400
TCCA08140	8 x 140 Ø8	PZ3	100	100	100	300



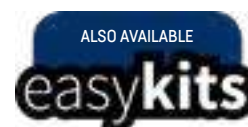
Blister

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



Window box

CODE	SIZE	PCS	BOXES
VTCCA05025	5 x 25 Ø5	30	8
VTCCA05030	5 x 30 Ø5	30	8
VTCCA05035	5 x 35 Ø5	30	8
VTCCA05050	5 x 50 Ø5	30	8
VTCCA06035	6 x 35 Ø6	30	8
VTCCA06040	6 x 40 Ø6	30	8
VTCCA06050	6 x 50 Ø6	30	8
VTCCA06060	6 x 60 Ø6	25	8
VTCCA06070	6 x 70 Ø6	25	8
VTCCA08060	8 x 60 Ø8	20	8
VTCCA08080	8 x 80 Ø8	20	8



MULTI-MATERIAL



TC-CA EP

Plastic container

CODE	SIZE		THICKNESS MAX. FIXTURE (MM)	MIN. ORDER QTY.	PCS. X JAR	
TCCAEP5030	5 x 30 Ø5	PZ3	5	2	750	1
TCCAEP6040	6 x 40 Ø6	PZ3	10	2	500	1



TC-SP

High expansion hammerfix plug

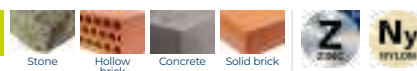
TC-SP

With countersunk head



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Technical
info

MULTI-MATERIAL



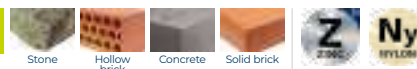
CODE	SIZE	N° RECESS	THICKNESS MAX.FIXTURE (MM)		
TCSP05027	5 x 27	PZ2	5	100	2.400
TCSP06032	6 x 32	PZ2	5	100	1.200
TCSP06040	6 x 40	PZ2	10	100	1.200

TC-SP EP

Plastic container



MULTI-MATERIAL



CODE	SIZE	N° RECESS	THICKNESS MAX.FIXTURE (MM)	PCS. X JAR	
TCSPEP05027	5 x 27	PZ2	5	750	1
TCSPEP06032	6 x 32	PZ2	5	500	1
TCSPEP06040	6 x 40	PZ2	10	500	1

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



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MULTI-MATERIAL



CODE	SIZE	SCREW SIZE	MIN. ORDER QTY.		
TN4S05	5 x 25 Ø5	TPPO 3-4	400	100	4.200
TN4S06	6 x 30 Ø6	TPPO 4-5	400	100	3.200
TN4S08	8 x 40 Ø8	TPPO 4,5, TB 5-6	400	100	1.600
TN4S10	10 x 50 Ø10	TB 6-8	200	50	800
TN4S12	12 x 60 Ø12	TB 8-10	50	25	400
TN4S14	14 x 70 Ø14	TB 10-12	40	20	320



Blister

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

MULTI-MATERIAL



CODE	SIZE	SCREW SIZE	MIN. ORDER QTY.	PCS. X JAR		
TN4S06EP	6 x 30 Ø6	TPPO 4-5	2	1.000	1	3
TN4S08EP	8 x 40 Ø8	TPPO 4,5, TB 5-6	2	500	1	3
TN4S10EP	10 x 50 Ø10	TB 6-8	2	300	1	3

TN4S

Plug



TN4S EP

Plastic container



TN4S

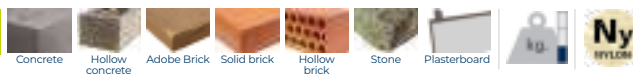
4-way expansion plug for all materials

TN4S-A

Plug with collar



MULTI-MATERIAL



CODE	SIZE	SCREW SIZE		
TN4SA06	6	TPPO 3,5-4	100	2.400

TN4S-A EP

Plug with collar. Plastic container



MULTI-MATERIAL



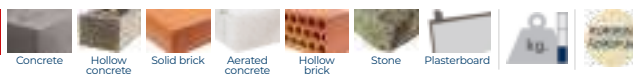
CODE	SIZE	SCREW SIZE	PCS. X JAR	
TN4SA06EP	6	TPPO 4-5	1.000	1

MEDU

Universal plug with collar and knot-like form

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Technical
info

HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
MEDUB06	6 x 35 Ø6	600	150	2.400
MEDUB07	8 x 45 Ø8	400	100	1.600
MEDUB08	8 x 50 Ø8	320	80	1.200
MEDUB10	10 x 60 Ø10	200	50	800



Nylon plug

TACON



MULTI-MATERIAL



CODE	SIZE	SCREW SIZE	MIN. ORDER QTY.		
TACON04	4 x 20 Ø4	TPPO 2,5-3	400	100	8.000
TACON05	5 x 25 Ø5	TPPO 2,5-4	400	100	8.000
TACON06	6 x 30 Ø6	TPPO 3,5-4	400	100	9.000
TACON07	7 x 30 Ø7	TPPO 4-4,5	400	100	5.000
TACON08	8 x 40 Ø8	TPPO 4,5, TB 5-6	400	100	5.000
TACON10	10 x 50 Ø10	TB 6-8	200	50	2.500
TACON12	12 x 60 Ø12	TB 8-10	100	25	1.250
TACON14	14 x 70 Ø14	TB 10-12	80	20	1.000
TACON16	16 x 80 Ø16	TB 12-14	40	10	500



Blister

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



MULTI-MATERIAL



CODE	SIZE	SCREW SIZE	MIN. ORDER QTY.		
TACOL05	5 x 25 Ø5	TPPO 2,5-4	400	100	8.000
TACOL06	6 x 30 Ø6	TPPO 3,5-4	400	100	9.000
TACOL08	8 x 40 Ø8	TPPO 4,5, TB 5-6	400	100	5.000
TACOL10	10 x 50 Ø10	TB 6-8	200	50	2.500
TACOL12	12 x 60 Ø12	TB 8-10	100	25	1.250

TACOL

Plug with collar



MULTI-MATERIAL



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

TACOL-A

Plug with wide collar



ANCLA

Nylon plug for hollow bricks and plasterboard



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HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
ANCLA40	10 x 40 Ø10	200	100	600
ANCLA47	10 x 47 Ø10	200	100	600

Blister

CODE	SIZE	PCS	BAGS
BZANCLA40	10 x 40 Ø10	4	12
BZANCLA47	10 x 47 Ø10	4	12

TAPLA

Plugs for plasterboard

TAPLA NY

Nylon plug



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HOLLOWS



CODE	SIZE		MIN. SUBSTRATE THICKNESS	
TAPLANY	15 x 33	PH2/PH3	9-16	100

Blister

CODE	SIZE	PCS	BAGS
BZTAPLANY	15 x 33	4	15

TAPLA ME

Zamak plug with DIN 7981 4,2 x 32



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HOLLOWS



CODE	SIZE		MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
TAPLAME	13 x 32	PH2/PH3	9-16	200	100	1.600

Blister

CODE	SIZE	PCS	BAGS
BZTAPLAME	13 x 32	4	15

TAPLA ZK

Zamak plug



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HOLLOWS



CODE	SIZE		MIN. SUBSTRATE THICKNESS	MIN. ORDER QTY.		
TAPLAZK	13 x 37	PH3	9-16	200	100	1.600



Indemoll anchor for hollow elements fixing

IN

HOLLOWS



Hollow concrete

Hollow brick

Plasterboard

CODE	SIZE		
INPINZANI	M4,M5 y M6	1	20

INPIN

Pliers



HOLLOWS



Hollow concrete

Hollow brick

Plasterboard

CODE			
INPISANIN	1	10	

INPIS

Gun



HOLLOWS



Plasterboard

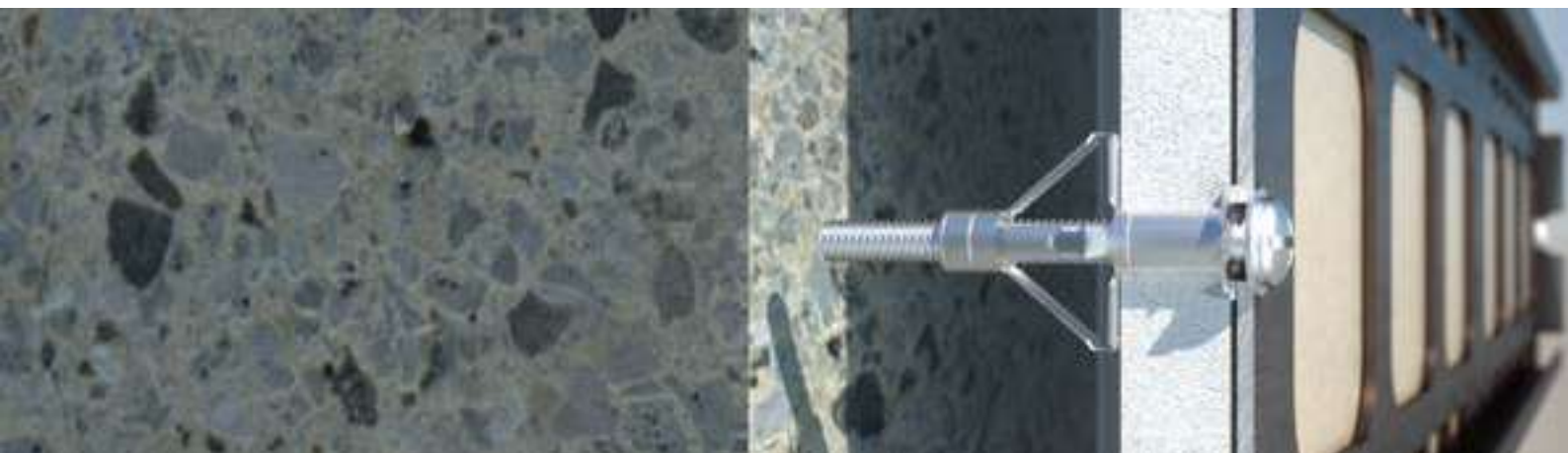
Hollow concrete

Hollow brick

CODE	CONTENT	SIZE CONTENT	PCS X KIT	KITS X
KITINPIN01	INPINZANI	-	1	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

HOLLOWS



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)		
INCO421	M4 x 30 Ø 8	17 -hmin	100	2.400
INCO432	M4 x 41 Ø 8	22 -hmin	100	1.200
INCO438	M4 x 47 Ø 8	30 -hmin	100	1.200
INCO446	M4 x 53 Ø 8	33 -hmin	100	1.200
INCO459	M4 x 67 Ø 8	52 -hmin	100	1.200
INCO537	M5 x 46 Ø 10	26 -hmin	100	1.200
INCO552	M5 x 59 Ø 10	42 -hmin	100	600
INCO565	M5 x 72 Ø 10	55 -hmin	100	600
INCO580	M5 x 89 Ø 10	61 -hmin	100	600
INCO637	M6 x 46 Ø 12	25 -hmin	100	1.200
INCO652	M6 x 59 Ø 12	38 -hmin	100	600
INCO665	M6 x 72 Ø 12	49 -hmin	100	600
INCO680	M6 x 89 Ø 12	78 -hmin	100	600



Blister

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



Window box

CODE	SIZE	PCS 	BOXES
VINCO432	M4 x 41 Ø 8	15	8
VINCO438	M4 x 47 Ø 8	15	8
VINCO446	M4 x 53 Ø 8	15	8
VINCO537	M5 x 46 Ø 10	15	8
VINCO552	M5 x 59 Ø 10	12	8
VINCO637	M6 x 46 Ø 12	10	8
VINCO652	M6 x 59 Ø 12	10	8

IN-HE

With hexagonal-head screw



Technical
info

HOLLOWS



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)		
INHE837	M8 x 45 Ø 14	25 -hmin	100	600
INHE855	M8 x 60 Ø 14	36 -hmin	100	400
INHE865	M8 x 73 Ø 14	47 -hmin	100	400

IN-SI

Without screw



HOLLOWS



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)		
INSI421	M4 x 21 Ø 8	17 -hmin	100	2.400
INSI432	M4 x 32 Ø 8	22 -hmin	100	2.400
INSI438	M4 x 38 Ø 8	30 -hmin	100	2.400
INSI537	M5 x 37 Ø 10	26 -hmin	100	1.200
INSI552	M5 x 52 Ø 10	42 -hmin	100	600
INSI565	M5 x 65 Ø 10	55 -hmin	100	600
INSI637	M6 x 37 Ø 12	25 -hmin	100	1.200
INSI652	M6 x 52 Ø 12	38 -hmin	100	600
INSI665	M6 x 65 Ø 12	49 -hmin	100	600
INSI865	M8 x 65 Ø 14	47 -hmin	100	400



Gravity toggle for fixing lightweight in ceilings

BA



Technical
info

HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
BAESM04	M4 Ø14	100	50	300
BAESM05	M5 Ø14	100	50	300
BAESM06	M6 Ø16	100	50	200
BAESM08	M8 Ø20	50	50	200



Blister

CODE	SIZE	PCS PER B	BAGS
BZBAESM04	M4 Ø14	2	12
BZBAESM05	M5 Ø14	2	12
BZBAESM06	M6 Ø16	2	10



Technical
info

HOLLOWS



CODE	SIZE		
BANYM05	M5 Ø13	25	100
BANYM06	M6 Ø13	25	100



Technical
info

HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
BAGAM04	M4 Ø14	100	50	300
BAGAM05	M5 Ø14	100	50	300
BAGAM06	M6 Ø16	100	50	200
BAGAM08	M8 Ø20	50	50	150



Blister

CODE	SIZE	PCS PER B	BAGS
BZBAGAM04	M4 Ø14	2	12
BZBAGAM05	M5 Ø14	2	12
BZBAGAM06	M6 Ø16	2	10

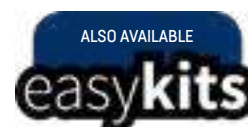
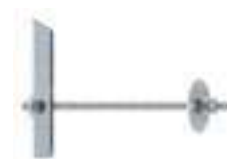
HOLLOWS



CODE	SIZE		
CABA004	M4 Ø14	100	1.200
CABA005	M5 Ø14	100	1.200
CABA006	M6 Ø16	100	600
CABA008	M8 Ø20	100	400

BA-ES

Projecting bolt



BA-NY

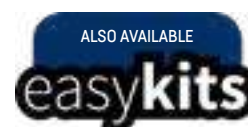
NEW

Nylon



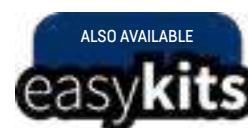
BA-GA

Hook



CA-BA

Toggle head



PA-ES

Projecting bolt



Technical
info

HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
PAESM04	M4 Ø12	100	50	300
PAESM05	M5 Ø15	100	50	300
PAESM06	M6 Ø18	100	50	200
PAESM08	M8 Ø22	50	50	150



Blister

CODE	SIZE	PCS 	BAGS
BZPAESM04	M4 Ø12	2	12
BZPAESM05	M5 Ø15	2	12
BZPAESM06	M6 Ø18	2	10

PA-GA

Hook



Technical
info

HOLLOWS



CODE	SIZE	MIN. ORDER QTY.		
PAGAM04	M4 Ø12	100	50	300
PAGAM05	M5 Ø15	100	50	300
PAGAM06	M6 Ø18	100	50	200
PAGAM08	M8 Ø22	50	50	150



Blister

CODE	SIZE	PCS 	BAGS
BZPAGAM04	M4 Ø12	2	12
BZPAGAM05	M5 Ø15	2	12
BZPAGAM06	M6 Ø18	2	10

CA-PA

Spring toggle head



HOLLOWS



CODE	SIZE		
CAPA004	M4 Ø12	100	2.400
CAPA005	M5 Ø15	100	1.200
CAPA006	M6 Ø18	100	600
CAPA008	M8 Ø22	100	400



Window box

CODE	SIZE	PCS 	BOXES
VCAPA004	M4 Ø12	24	8
VCAPA005	M5 Ø15	20	8
VCAPA006	M6 Ø18	15	8



Trap doors for plasterboard

TR

HOLLOWS



TR-BL

White lacquered (RAL 9016)



CODE	SIZE	
TRBL200200	200 x 200	1
TRBL300300	300 x 300	1
TRBL400400	400 x 400	1
TRBL500500	500 x 500	1
TRBL600600	600 x 600	1

HOLLOWS



TR-13

13 mm



CODE	SIZE	
TR13200200	200 x 200	2
TR13300300	300 x 300	2
TR13400400	400 x 400	2
TR13500500	500 x 500	1
TR13600600	600 x 600	1

HOLLOWS



TR-15

15 mm



CODE	SIZE	
TR15200200	200 x 200	2
TR15300300	300 x 300	2
TR15400400	400 x 400	2
TR15500500	500 x 500	1
TR15600600	600 x 600	1



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























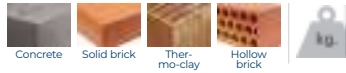


Chemical fixings

MO

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CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPU300	300 ml.	1	12
MOPU410	410 ml.	1	12



M8-M24

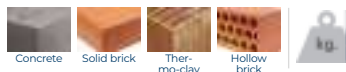
MO-PU

Universal polyester. Opt.7 ETA
Assessed



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CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPUP300	300 ml.	1	12



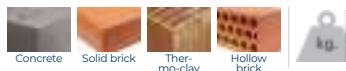
M8-M24

MO-PUP ^{NEW}

Universal polyester stone color. Opt.7
ETA Assessed



CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPSU300	300ml.	1	12
MOPSU410	410ml.	1	12



M8-M24

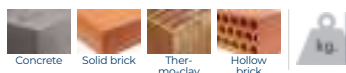
MO-PSU ^{NEW}

Universal polyester styrene free.
Assessed



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info
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CHEMICAL



CODE	SIZE	PCS. X JAR	
MOP300	300 ml.	1	12
MOP410	410 ml.	1	12



M8-M24

MO-P+

Polyester PLUS. Opt.7 ETA Assessed



MO

Chemical fixings

MO-PS+

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



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P. 400

CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPS300	300 ml.	1	12
MOPS410	410 ml.	1	12
KIT MO-PS+			
MOPS300EP	300 ml.	1	12

Content:
• Cartridge MOPS300 (300 ml.) - x1
• Nozzle MORCANU x2
• Stud bolt MOES08110 (M8 x 110 Ø8) - 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.



MO-PSP+

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



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P. 400

CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPSP300	300 ml.	1	12
MOPSP410	410 ml.	1	12



M8-M24

MO-V

Vinylester. Opt.7 ETA Assessed



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P. 400

CHEMICAL



CODE	SIZE	PCS. X JAR	
MOV300	300 ml.	1	12
MOV410	410 ml.	1	12

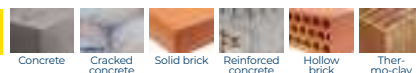


NEW MO-VSF

Vinylester styrene free. Assessed



CHEMICAL



CODE	SIZE	PCS. X JAR	
MOVSF300	300ml.	1	12
MOVSF410	410ml.	1	12





Chemical fixings

MO

CHEMICAL



CODE	SIZE	PCS. X JAR	
MOVH300	300 ml.	1	12
MOVH410	410 ml.	1	12



MO-VH NEW

Vinylester Hybrid resin styrene free.
ETA assessed



CHEMICAL



CODE	SIZE	PCS. X JAR	
MOVHW300	300ml.	1	12
MOVHW410	410ml.	1	12



MO-VHW NEW

Vinylester Hybrid resin styrene free.
Winter. ETA assessed



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CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPURE600	600 ml.	1	12



MOPURE

Pure Epoxy 1:1. Opt.1 ETA Assessed



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CHEMICAL



CODE	SIZE	PCS. X JAR	
MOPUR30385	385 ml.	1	12
MOPUR30585	585 ml.	1	12



MOPUR3

Pure Epoxy 3:1. Opt.1 ETA Assessed



MO-PIS

Guns for chemical fixings

MO-PIS

Guns



CODE	SIZE	
MOPISTO	Manual / Manuel 410 ml.	1
MOPISTR	Profesional / Professional / Professionnel 410 ml.	1
MOPISSI	Silicona / Silicone/ 300 ml.	1
MOPISPUR6	MOPURE600 - 600 ml.	1
MOPISPNEU	Neumática / Pneumatic / Pneumatique	1
MOPISP3385	MOPUR3 - 385 ml.	1
MOPISP3585	MOPUR3 - 585 ml.	1

MO-TN

Plastic Mesh Sleeves



CODE	SIZE	MIN. ORDER QTY.		
MOTN12050	12 x 50	24	12	1.728
MOTN12080	12 x 80	24	12	1.536
MOTN15085	15 x 85	24	12	864
MOTN15130	15 x 130	24	12	600
MOTN20085	20 x 85	24	12	600

Self-service

CODE	SIZE	PCS 	BAGS 
LSMOTN12050	12 x 50	4	7
LSMOTN15085	15 x 85	4	6
LSMOTN20085	20 x 85	2	6

MO-TR

Internally Threaded Sockets



CODE	SIZE		
MOTR008	M8 x 80 Ø12	12	540
MOTR010	M10 x 80 Ø14	12	288
MOTR012	M12 x 80 Ø16	12	288

MO-AC

Mixer nozzles and more



CODE	SIZE		
MOBOMBA	Bomba Sopladora / Blow pump / Pompe soufflante	1	
MORCANU	170 ml. - 300 ml. - 410 ml.	10	1.000
MORCAPU	Cánula/ Nozzle/ Canule/ Cànula (385-585-600 ml)	12	24
MORCEPKIT	Kit Cepillo / Brush / Écouvillon (1 x Ø14 - 1 x Ø20 - 1 x Ø27)	1	
MOTL16330	16 x 330	10	500
MOPC185	185 mm	1	20

MO-ES

Stud bolt



CODE	SIZE		
MOES06070	M6 x 70 Ø6	12	540
MOES08110	M8 x 110 Ø8	12	288
MOES10115	M10 x 115 Ø10	12	144
MOES12110	M12 x 110 Ø12	12	144

Self-service

CODE	SIZE	PCS 	BAGS 
LSMOES06070	M6 x 70 Ø6	4	10
LSMOES08110	M8 x 110 Ø8	4	7
LSMOES10115	M10 x 115 Ø10	4	6
LSMOES12110	M12 x 110 Ø12	4	6

MO-TM

Wire Mesh Sleeves



CODE	SIZE	
MOTM12100	12 x 1000 Ø11	10
MOTM16100	16 x 1000 Ø14	10
MOTM22100	22 x 1000 Ø21	5

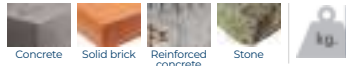


Epoxy resin, quartz and a phial of hardener. Opt.8 ETA Assessed

CA-QU

 02
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CHEMICAL



CODE	SIZE		
CAQU008	8 x 80 Ø10	10	500
CAQU010	10 x 90 Ø12	10	500
CAQU012	12 x 110 Ø14	10	200
CAQU016	16 x 125 Ø18	10	200

CODE	SIZE		
CAQU020	20 x 170 Ø25	6	60
CAQU024	24 x 210 Ø28	6	60
• CAQU030	30 x 280 Ø35	6	30

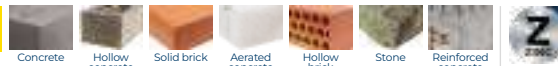
• Non-assessed sizes



Stud bolt for chemical anchor, with nut and washer

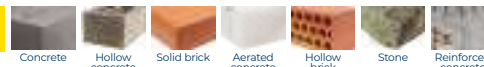
EQ

CHEMICAL



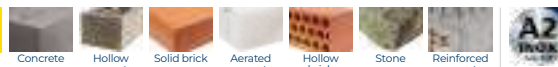
CODE	SIZE		
EQAC08110	M8 x 110	10	240
EQAC10130	M10 x 130	10	120
EQAC10190	M10 x 190	10	40
EQAC12160	M12 x 160	10	120
EQAC12220	M12 x 220	10	30
EQAC16190	M16 x 190	10	40
EQAC16250	M16 x 250	10	30
EQAC20260	M20 x 260	6	12
EQAC20350	M20 x 350	6	-
EQAC24300	M24 x 300	6	12
EQAC24380	M24 x 380	6	-
EQAC30330	M30 x 330	6	12

CHEMICAL



CODE	SIZE		
EQ8808110	M8 x 110	10	240
EQ8810130	M10 x 130	10	120
EQ8812160	M12 x 160	10	60
EQ8816190	M16 x 190	6	24
EQ8820260	M20 x 260	6	24
EQ8824300	M24 x 300	6	12

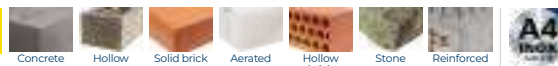
CHEMICAL



CODE	SIZE		
EQA208110	M8 x 110	10	240
EQA210130	M10 x 130	10	120
EQA212160	M12 x 160	10	120
EQA216190	M16 x 190	10	40

CODE	SIZE		
EQA220260	M20 x 260	6	12
EQA224300	M24 x 300	6	12
EQA230330	M30 x 330	6	12

CHEMICAL



CODE	SIZE		
EQA408110	M8 x 110	10	240
EQA410130	M10 x 130	10	120
EQA412160	M12 x 160	10	120
EQA416190	M16 x 190	10	40

CODE	SIZE		
EQA420260	M20 x 260	6	12
EQA424300	M24 x 300	6	12
EQA430330	M30 x 330	6	12

EQ-AC

Zinc-plated



EQ-8.8

Zinc-plated 8.8



EQ-A2

A2 Stainless steel



EQ-A4

A4 Stainless steel



Selection table

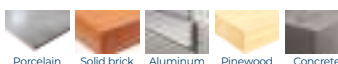
						
	MSPRB290	MSPRG290	MSPRM290	MSPRN290	MSTR290	MSSF290
	•	•	•	•		
	•	•	•	•		•
	•	•	•	•	•	•
	•	•	•	•	•	•
	•	•	•	•		
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	•	•	•	•	•	•
	•	•	•	•	•	•
	300 %	300 %	300 %	300 %	250 %	200 %
	150 kg/10 cm ²	150 kg/10 cm ²	150 kg/10 cm ²	150 kg/10 cm ²	140 kg/10 cm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

MS

CHEMICAL

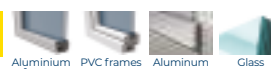


CODE	SIZE	COLOR	
MSPRB290	290 ml. (Blanco)	WHITE	12
MSPRG290	290 ml. (Gris)	GREY	12
MSPRM290	290 ml. (Marrón)	BROWN	12
MSPRN290	290 ml. (Negro)	BLACK	12

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.

CHEMICAL

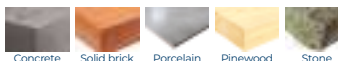


CODE	SIZE	COLOR	
MSTR290	290 ml. (Transparente)	TRANSPARENT	12

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.

CHEMICAL

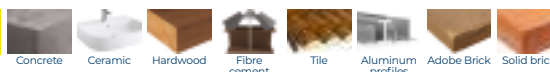


CODE	SIZE	COLOR	
MSSF290	290 ml. (Blanco)	WHITE	12

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.

CHEMICAL



CODE	SIZE	COLOR		
MSISG01	1 kg. (Gris)	GREY	1	6
MSISG05	5 kg. (Gris)	GREY	1	6
MSIST01	1 kg. (Terracota)	TERRACOTTA	1	6
MSIST05	5 kg. (Terracota)	TERRACOTTA	1	6

MS-PR

Adhesive MS Professional



MS-TR

Adhesive MS Transparent



MS-SF

Adhesive MS Superfast High Tack

MS-IS NEW

High elasticity, multi-purpose liquid hybrid waterproofing membrane based on W-PROTEK technology



Selection table

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

SI

CHEMICAL



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

CHARACTERISTICS

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

SI-PR

Professional neutral silicone for smooth and porous materials



CHEMICAL



CODE	SIZE	COLOR	
SIPRSB280	280 ml. (Blanco)	WHITE	12
SIPRST280	280 ml. (Transparente)	TRANSPARENT	12

CHARACTERISTICS

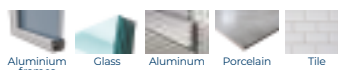
- They contain fungicides to avoid the appearance of mould
- Suitable for application in bathrooms and kitchens
- Elastic and flexible
- Suitable for application on windows
- Available in white and transparent
- Multi-material: suitable for use on aluminium and PVC carpentry, expansion joints, concrete,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

SI-PRS

Professional neutra SANITARI silicone with fungicidal properties



CHEMICAL



CODE	SIZE	COLOR	
SIUNIB280	280 ml. (Blanco)	WHITE	12
SIUNIG280	280 ml. (Gris)	GREY	12
SIUNIT280	280 ml. (Transparente)	TRANSPARENT	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-UNI

Multipurpose universal acetic silicone



SI

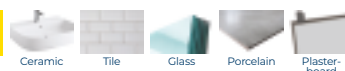
Silicones

SI-UNS

Multipurpose universal acetic SANITAR silicone with fungicidal properties



CHEMICAL



CODE	SIZE	COLOR	
SIUNSB280	280 ml. (Blanco)	WHITE	12
SIUNST280	280 ml. (Transparente)	TRANSPARENT	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	
SEACRB280	280 ml. (Blanco)	WHITE	12
SEACRG280	280 ml. (Gris)	GREY	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

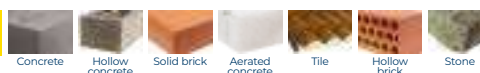
CODE	SIZE		
MSCAHT	Ancha	1	18
MSCATP	Tapón	1	18



Polyurethane foams

PU

CHEMICAL



CODE	SIZE	PCS. X JAR	
PUSP750	750 ml.	1	12

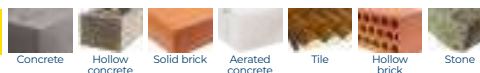


PU-SP

Multipurpose polyurethane foam for gun application



CHEMICAL



CODE	SIZE	PCS. X JAR	
PUSC750	750 ml.	1	12



NEW ECOFLEX NOZZLE

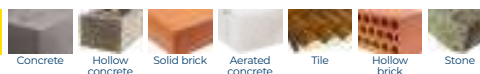
Its innovative blocking system means that the product can be kept and reused for several days, reducing product waste and being more environmentally friendly.

PU-SC

Multipurpose polyurethane foam for ECOFLEX nozzle application



CHEMICAL



CODE	SIZE	PCS. X JAR	
PUTP750	750 ml.	1	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



CODE	SIZE	PCS. X JAR	
PUTPR750	750 ml.	1	12



PU-FP

Fire-resistant polyurethane foam for gun application



CHEMICAL



CODE	SIZE	PCS. X JAR	
PUFP750	750 ml.	1	12



PU-FC

Fire-resistant polyurethane foam for ECOFLEX nozzle application



CHEMICAL



CODE	SIZE	PCS. X JAR	
PUFC750	750 ml.	1	12

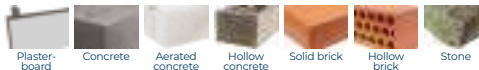




Polyurethane foams

PU

CHEMICAL



Plaster-board

Concrete

Aerated concrete

Hollow concrete

Solid brick

Hollow brick

Stone

CODE	SIZE	PCS. X JAR	
PUEP750	750 ml.	1	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	PCS. X JAR	
PUCL500	500 ml.	1	12



PU-CL

Cleaner for polyurethane foam accessories



PU-PI

Application guns for polyurethane foams

PU-PI

Professional gun



CHEMICAL

CODE	SIZE		
PUPI01	750 ml.	1	12

PU-PI 2

Basic gun



CHEMICAL

CODE	SIZE		
PUPI02	750 ml.	1	12

PU-CA

Nozzle for polyurethane foam application



CHEMICAL

CODE	SIZE	PCS. X JAR		
PUCA01	750 ml.	12	1	18



METAL FIXINGS

MTH

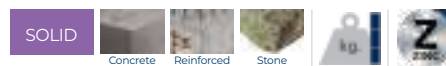
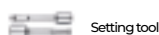
Through bolt anchor for heavy loads in uncracked concrete

MTH

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



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



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
•AH06060	M6 x 60 Ø6	2	B	200	1.200
•AH06070	M6 x 70 Ø6	12	C	200	1.200
•AH06080	M6 x 80 Ø6	22	D	200	1.200
•AH06090	M6 x 90 Ø6	32	E	200	1.200
•AH06100	M6 x 100 Ø6	42	E	200	800
•AH06110	M6 x 110 Ø6	52	F	200	800
•AH06120	M6 x 120 Ø6	62	G	100	600
•AH06130	M6 x 130 Ø6	72	H	100	600
•AH06140	M6 x 140 Ø6	82	I	100	400
•AH06150	M6 x 150 Ø6	92	I	100	400
•AH06160	M6 x 160 Ø6	102	J	100	400
•AH06170	M6 x 170 Ø6	112	K	100	400
•AH06180	M6 x 180 Ø6	122	L	100	200
AH08060	M8 x 60 Ø8	3	B	100	600
AH08075	M8 x 75 Ø8	5	C	100	600
AH08090	M8 x 90 Ø8	20	E	100	600
AH08100	M8 x 100 Ø8	30	E	100	400
AH08115	M8 x 115 Ø8	45	G	100	400
AH08120	M8 x 120 Ø8	50	G	100	400
AH08130	M8 x 130 Ø8	60	H	100	400
AH08155	M8 x 155 Ø8	85	J	100	200
AH10070	M10 x 70 Ø10	3	C	100	400
AH10080	M10 x 80 Ø10	13	D	100	400
AH10090	M10 x 90 Ø10	10	E	100	400
AH10100	M10 x 100 Ø10	20	E	100	400
AH10120	M10 x 120 Ø10	40	G	50	300
AH10140	M10 x 140 Ø10	60	H	50	200
AH10150	M10 x 150 Ø10	70	I	50	200
AH10160	M10 x 160 Ø10	80	J	50	200
AH10170	M10 x 170 Ø10	90	K	50	200
AH10210	M10 x 210 Ø10	130	N	50	150
AH10230	M10 x 230 Ø10	150	P	50	100
AH12090	M12 x 90 Ø12	13	E	50	200
AH12100	M12 x 100 Ø12	8	E	50	200
AH12110	M12 x 110 Ø12	18	F	50	200
AH12120	M12 x 120 Ø12	28	G	50	200
AH12130	M12 x 130 Ø12	38	H	50	200
AH12140	M12 x 140 Ø12	48	H	50	200
AH12160	M12 x 160 Ø12	68	J	50	100
AH12180	M12 x 180 Ø12	88	L	50	150
AH12200	M12 x 200 Ø12	108	M	50	100
AH12220	M12 x 220 Ø12	128	O	50	100
AH12250	M12 x 250 Ø12	158	Q	25	50
AH14120	M14 x 120 Ø14	12	G	25	100
AH14145	M14 x 145 Ø14	37	I	25	100
AH14170	M14 x 170 Ø14	62	K	25	100
AH14220	M14 x 220 Ø14	112	O	25	75
AH14250	M14 x 250 Ø14	142	Q	25	50
AH16125	M16 x 125 Ø16	3	G	25	100
AH16145	M16 x 145 Ø16	23	I	25	100
AH16170	M16 x 170 Ø16	48	K	25	50
AH16220	M16 x 220 Ø16	98	O	25	50
AH16250	M16 x 250 Ø16	128	Q	25	50
AH16280	M16 x 280 Ø16	158	S	25	50
AH20170	M20 x 170 Ø20	23	K	20	40
AH20220	M20 x 220 Ø20	73	O	20	40
AH20270	M20 x 270 Ø20	123	S	20	40

• Non-assessed sizes for Fire Resist

Through bolt anchor for heavy loads in uncracked concrete

MTH

02
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info

SOLID

Concrete

Reinforced
concrete

Stone

kg

ATLANTIS

MTH-AT

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

CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
AHAT06060	M6 x 60 Ø6	2	B	200	1.200
AHAT06080	M6 x 80 Ø6	22	D	200	1.200
AHAT06100	M6 x 100 Ø6	42	E	200	800
AHAT08060	M8 x 60 Ø8	3	B	100	600
AHAT08075	M8 x 75 Ø8	5	C	100	600
AHAT08090	M8 x 90 Ø8	20	E	100	600
AHAT08115	M8 x 115 Ø8	45	G	100	400
AHAT08130	M8 x 130 Ø8	60	H	100	400
AHAT08155	M8 x 155 Ø8	85	J	100	200
AHAT10070	M10 x 70 Ø10	3	C	100	400
AHAT10080	M10 x 80 Ø10	13	D	100	400
AHAT10090	M10 x 90 Ø10	10	E	100	400
AHAT10100	M10 x 100 Ø10	20	E	100	400
AHAT10120	M10 x 120 Ø10	40	G	50	300
AHAT10140	M10 x 140 Ø10	60	H	50	200
AHAT10150	M10 x 150 Ø10	70	I	50	200
AHAT10160	M10 x 160 Ø10	80	J	50	200
AHAT10170	M10 x 170 Ø10	90	K	50	200
AHAT10210	M10 x 210 Ø10	130	N	50	150
AHAT12090	M12 x 90 Ø12	13	E	50	200
AHAT12100	M12 x 100 Ø12	8	E	50	200
AHAT12110	M12 x 110 Ø12	18	F	50	200
AHAT12130	M12 x 130 Ø12	38	H	50	200
AHAT12140	M12 x 140 Ø12	48	H	50	200
AHAT12160	M12 x 160 Ø12	68	J	50	100
AHAT12180	M12 x 180 Ø12	88	L	50	150
AHAT12200	M12 x 200 Ø12	108	M	50	100
AHAT12220	M12 x 220 Ø12	128	O	50	100
AHAT12250	M12 x 250 Ø12	158	Q	25	50
AHAT16125	M16 x 125 Ø16	3	G	25	100
AHAT16145	M16 x 145 Ø16	23	I	25	100
AHAT16170	M16 x 170 Ø16	48	K	25	50
AHAT16220	M16 x 220 Ø16	98	O	25	50
AHAT16250	M16 x 250 Ø16	128	Q	25	50
AHAT16280	M16 x 280 Ø16	158	S	25	50
AHAT20170	M20 x 170 Ø20	23	K	20	40
AHAT20220	M20 x 220 Ø20	73	O	20	40
AHAT20270	M20 x 270 Ø20	123	S	20	40



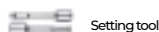
Setting tool

MTH

Through bolt anchor for heavy loads in uncracked concrete

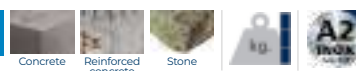
MTH-A2

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



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STAINLESS STEEL



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
• MIO6045	M6 x 45 Ø6	1	A	200	1.200
• MIO6060	M6 x 60 Ø6	2	B	200	1.200
• MIO6080	M6 x 80 Ø6	22	D	200	1.200
• MIO6120	M6 x 120 Ø6	62	G	100	600
• MIO6140	M6 x 140 Ø6	82	I	100	600
• MIO6160	M6 x 160 Ø6	102	J	100	400
• MIO6170	M6 x 170 Ø6	112	K	100	400
• MIO6180	M6 x 180 Ø6	122	L	100	300
• MIO8050	M8 x 50 Ø8	4	A	100	800
MIO8075	M8 x 75 Ø8	5	C	100	600
MIO8090	M8 x 90 Ø8	20	E	100	600
MIO8115	M8 x 115 Ø8	45	G	100	400
MI10070	M10 x 70 Ø10	3	C	100	400
MI10090	M10 x 90 Ø10	10	E	100	400
MI10120	M10 x 120 Ø10	40	G	50	300
MI10150	M10 x 150 Ø10	70	I	50	200
• MI12075	M12 x 75 Ø12	5	C	50	300
MI12090	M12 x 90 Ø12	13	D	50	200
MI12110	M12 x 110 Ø12	18	F	50	200
MI12140	M12 x 140 Ø12	48	I	50	200
• MI16090	M16 x 90 Ø16	4	D	25	150
MI16145	M16 x 145 Ø16	23	I	25	100
MI16170	M16 x 170 Ø16	48	K	25	75
• MI20120	M20 x 120 Ø20	5	G	20	40
MI20170	M20 x 170 Ø20	23	K	20	40
MI20220	M20 x 220 Ø20	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resist

Window box

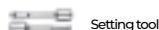
CODE	SIZE	PCS	BOXES
VMI08075	M8 x 75 Ø8	10	8
VMI08090	M8 x 90 Ø8	10	8
VMI10070	M10 x 70 Ø10	8	8
VMI10090	M10 x 90 Ø10	8	8
VMI10120	M10 x 120 Ø10	6	8
VMI12110	M12 x 110 Ø12	6	8

MTH-A4

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

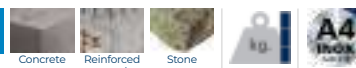


Also available with DIN 9021 washer. Ask for price and delivery time



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STAINLESS STEEL



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	4	A	100	800
MIA408075	M8 x 75 Ø8	5	C	100	600
MIA408090	M8 x 90 Ø8	20	E	100	600
MIA408115	M8 x 115 Ø8	45	G	100	400
MIA410070	M10 x 70 Ø10	3	C	100	400
MIA410090	M10 x 90 Ø10	10	E	100	400
MIA410120	M10 x 120 Ø10	40	G	50	300
MIA410150	M10 x 150 Ø10	70	I	50	200
• MIA412075	M12 x 75 Ø12	5	C	50	300
MIA412090	M12 x 90 Ø12	13	D	50	200
MIA412110	M12 x 110 Ø12	18	F	50	200
MIA412140	M12 x 140 Ø12	48	I	50	200
• MIA416090	M16 x 90 Ø16	4	D	25	150
MIA416145	M16 x 145 Ø16	23	I	25	100
MIA416170	M16 x 170 Ø16	48	K	25	75
• MIA420120	M20 x 120 Ø20	5	G	20	40
MIA420170	M20 x 170 Ø20	23	K	20	40
MIA420220	M20 x 220 Ø20	73	O	20	40

• Non-assessed sizes

• Non-assessed sizes for Fire Resist

Window box

CODE	SIZE	PCS	BOXES
VMI408075	M8 x 75 Ø8	10	8
VMI410090	M10 x 90 Ø10	8	8
VMI412110	M12 x 110 Ø12	6	8

Through bolt anchor for heavy loads

MTA

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SOLID



Concrete

Reinforced
concrete

Stone



CODE	SIZE	THICKNESS MAX. FIXTURE (MM)		
AM06045	M6 x 45 Ø6	1	200	1.200
AM06055	M6 x 55 Ø6	11	200	1.200
AM06060	M6 x 60 Ø6	2	200	1.200
AM06065	M6 x 65 Ø6	7	200	1.200
AM06070	M6 x 70 Ø6	12	200	1.200
AM06080	M6 x 80 Ø6	22	200	1.200
AM06085	M6 x 85 Ø6	27	200	1.200
AM06090	M6 x 90 Ø6	32	200	1.200
AM06100	M6 x 100 Ø6	42	200	800
AM06110	M6 x 110 Ø6	52	200	800
AM06120	M6 x 120 Ø6	62	100	600
AM06130	M6 x 130 Ø6	72	100	600
AM06140	M6 x 140 Ø6	82	100	600
AM06150	M6 x 150 Ø6	92	100	600
AM06160	M6 x 160 Ø6	102	100	400
AM06170	M6 x 170 Ø6	112	100	400
AM06180	M6 x 180 Ø6	122	100	300
AM08050	M8 x 50 Ø8	4	100	800
AM08060	M8 x 60 Ø8	3	100	800
AM08065	M8 x 65 Ø8	8	100	600
AM08075	M8 x 75 Ø8	5	100	600
AM08090	M8 x 90 Ø8	20	100	600
AM08115	M8 x 115 Ø8	45	100	400
AM08120	M8 x 120 Ø8	50	100	400
AM08130	M8 x 130 Ø8	60	100	400
AM08155	M8 x 155 Ø8	85	100	200
AM10065	M10 x 65 Ø10	1	100	400
AM10070	M10 x 70 Ø10	3	100	400
AM10080	M10 x 80 Ø10	13	100	400
AM10090	M10 x 90 Ø10	10	100	400
AM10100	M10 x 100 Ø10	20	100	400
AM10120	M10 x 120 Ø10	40	50	300
AM10140	M10 x 140 Ø10	60	50	200
AM10150	M10 x 150 Ø10	70	50	200
AM10160	M10 x 160 Ø10	80	50	200

CODE	SIZE	THICKNESS MAX. FIXTURE (MM)		
AM10170	M10 x 170 Ø10	90	50	200
AM10210	M10 x 210 Ø10	130	50	150
AM10230	M10 x 230 Ø10	150	50	100
AM12075	M12 x 75 Ø12	5	50	300
AM12080	M12 x 80 Ø12	3	50	300
AM12090	M12 x 90 Ø12	13	50	200
AM12100	M12 x 100 Ø12	8	50	200
AM12110	M12 x 110 Ø12	18	50	200
AM12120	M12 x 120 Ø12	28	50	200
AM12140	M12 x 140 Ø12	48	50	200
AM12160	M12 x 160 Ø12	68	50	100
AM12180	M12 x 180 Ø12	88	50	150
AM12220	M12 x 220 Ø12	128	50	100
AM12250	M12 x 250 Ø12	158	25	50
AM14080	M14 x 80 Ø14	5	50	200
AM14100	M14 x 100 Ø14	5	50	100
AM14120	M14 x 120 Ø14	12	25	100
AM14145	M14 x 145 Ø14	37	25	100
AM14170	M14 x 170 Ø14	62	25	100
AM14220	M14 x 220 Ø14	112	25	75
AM14250	M14 x 250 Ø14	142	25	50
AM16090	M16 x 90 Ø16	4	25	150
AM16110	M16 x 110 Ø16	7	25	100
AM16125	M16 x 125 Ø16	3	25	100
AM16145	M16 x 145 Ø16	23	25	100
AM16170	M16 x 170 Ø16	48	25	50
AM16220	M16 x 220 Ø16	98	25	50
AM16250	M16 x 250 Ø16	128	25	50
AM16280	M16 x 280 Ø16	158	25	50
AM20120	M20 x 120 Ø20	5	20	40
AM20170	M20 x 170 Ø20	23	20	40
AM20220	M20 x 220 Ø20	73	20	40
AM20270	M20 x 270 Ø20	123	20	40
AM24180	M24 x 180 Ø24	10	10	20
AM24260	M24 x 260 Ø24	80	10	20

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

Setting tool



Blister

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



Window box

CODE	SIZE	PCS 	BOXES
VAM06060	M6 x 60 Ø6	20	8
VAM08075	M8 x 75 Ø8	12	8
VAM08090	M8 x 90 Ø8	12	8
VAM10070	M10 x 70 Ø10	6	8
VAM10090	M10 x 90 Ø10	6	8
VAM10120	M10 x 120 Ø10	6	8
VAM12090	M12 x 90 Ø12	6	8
VAM12110	M12 x 110 Ø12	6	8

TX

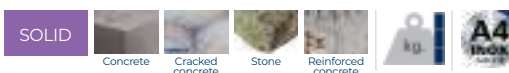
Bimetal concrete screw anchor (Stainless steel A4 body and hardened carbon steel point). Opt.1 ETA Assessed

TXE

Opt.1 ETA Assessed. Hexagon head



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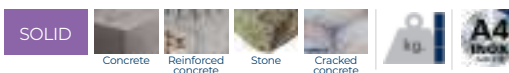
CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	
TXE06040	Ø6 x 40	10	5	100
TXE06060	Ø6 x 60	10	5	100
TXE08070	Ø8 x 70	13	5	50
TXE08080	Ø8 x 80	13	15	25
TXE08090	Ø8 x 90	13	25	25
TXE08105	Ø8 x 105	13	40	25
TXE10070	Ø10 x 70	15	15	50
TXE10090	Ø10 x 90	15	5	25
TXE10100	Ø10 x 100	15	15	25
TXE10120	Ø10 x 120	15	35	25
TXE12080	Ø12 x 80	18	5	25
TXE12110	Ø12 x 110	18	5	25

TXA

Opt.1 ETA Assessed. Countersunk head



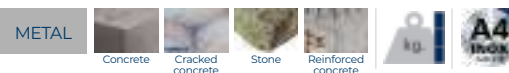
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CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	
TXA08060	Ø8 x 60	TX45	10	50
TXA08080	Ø8 x 80	TX45	15	25
TXA08120	Ø8 x 120	TX45	55	25
TXA10070	Ø10 x 70	TX50	15	50
TXA10090	Ø10 x 90	TX50	5	25
TXA10120	Ø10 x 120	TX50	35	25

TXP

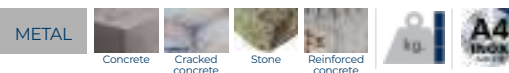
Opt.1 ETA Assessed. Pan head.



CODE	SIZE		
TXP06050	Ø6 x 50	50	800
TXP06060	Ø6 x 60	50	600
TXP06080	Ø6 x 80	50	400
TXP06100	Ø6 x 100	50	400
TXP08060	Ø8 x 60	25	400
TXP08080	Ø8 x 80	25	400

TXT

Opt.1 ETA Assessed. Truss head.



CODE	SIZE		
TXT06040	Ø6 x 40	50	1.200
TXT06050	Ø6 x 50	50	1.200
TXT06060	Ø6 x 60	50	800

Concrete screw anchor with ATLANTIS C3-H coating. Opt.1 ETA Assessed

TH

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Technical
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SOLID



THE

Opt.1 ETA Assessed. Hexagon head

CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH		THICKNESS MAX. FIXTURE (MM)		
•THE05040	-	Ø5 x 40	8	5	100	2.400
•THE05050	-	Ø5 x 50	8	5	100	1.600
•THE05060	-	Ø5 x 60	8	15	100	1.600
•THE05080	-	Ø5 x 80	8	35	50	800
•THE05100	-	Ø5 x 100	8	55	50	800
THE06035	NEW	Ø6 x 35	10	-	100	1.600
THE06040	-	Ø6 x 40	10	5	100	1.600
THE06045	NEW	Ø6 x 45	10	10	100	1.200
THE06050	-	Ø6 x 50	10	15	100	1.200
THE06060	C1	Ø6 x 60	10	5	100	1.200
THE06070	C1	Ø6 x 70	10	15	50	600
THE06080	C1	Ø6 x 80	10	25	50	800
THE06100	C1	Ø6 x 100	10	45	25	400
THE06120	C1	Ø6 x 120	10	65	25	400
THE08055	C1 & C2	Ø8 x 55	13	5	50	600
THE08060	C1 & C2	Ø8 x 60	13	10	50	600
THE08070	C1 & C2	Ø8 x 70	13	5	50	200
THE08075	NEW	Ø8 x 75	13	10	25	400
THE08080	C1 & C2	Ø8 x 80	13	15	25	400
THE08090	C1 & C2	Ø8 x 90	13	25	25	400
THE08100	C1 & C2	Ø8 x 100	13	35	25	400
THE08110	C1 & C2	Ø8 x 110	13	45	25	400
THE08120	C1 & C2	Ø8 x 120	13	55	25	400
THE08140	C1 & C2	Ø8 x 140	13	75	25	300
THE10060	-	Ø10 x 60	15	5	50	200
THE10070	-	Ø10 x 70	15	15	50	200
THE10080	-	Ø10 x 80	15	25	50	300
THE10090	C1 & C2	Ø10 x 90	15	5	25	300
THE10100	C1 & C2	Ø10 x 100	15	15	25	300
THE10120	C1 & C2	Ø10 x 120	15	35	25	200
THE10140	C1 & C2	Ø10 x 140	15	55	25	100
THE10160	NEW	Ø10 x 160	15	75	25	100
THE10180	NEW	Ø10 x 180	15	95	25	100
THE12080	-	Ø12 x 80	18	5	25	100
THE12090	-	Ø12 x 90	18	15	25	100
THE12100	NEW	Ø12 x 100	18	25	25	100
THE12110	C1 & C2	Ø12 x 110	18	5	25	100
THE12130	C1 & C2	Ø12 x 130	18	25	25	150
THE12150	C1 & C2	Ø12 x 150	18	45	25	100
THE14080	-	Ø14 x 80	21	5	25	150
THE14100	-	Ø14 x 100	21	25	25	150
THE14110	NEW	Ø14 x 110	21	35	25	100
THE14120	C1 & C2	Ø14 x 120	21	5	25	100
THE14130	C1 & C2	Ø14 x 130	21	15	25	100
THE14140	C1 & C2	Ø14 x 140	21	25	25	100
THE14160	C1 & C2	Ø14 x 160	21	45	25	50
THE16100	-	Ø16 x 100	-	20	25	100
THE16150	-	Ø16 x 150	-	30	25	75
THE18100	-	Ø18 x 100	24	10	20	80
THE18130	-	Ø18 x 130	24	40	20	40
THE18160	C1 & C2	Ø18 x 160	24	20	15	30
THE18180	C1 & C2	Ø18 x 180	24	40	15	30
THE18200	C1 & C2	Ø18 x 200	24	60	10	20

• Non-assessed sizes for Fire Resist



TH

Concrete screw anchor with ATLANTIS C3-H coating. Opt.1 ETA Assessed

THA

Opt.1 ETA Assessed. Countersunk head



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CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH		THICKNESS MAX.FIXTURE (MM)		
•THA05040	-	Ø5 x 40	TX25	5	100	2.400
•THA05060	-	Ø5 x 60	TX25	15	100	1.200
•THA05080	-	Ø5 x 80	TX25	35	50	800
•THA05100	-	Ø5 x 100	TX25	55	50	800
THA06045	C1	Ø6 x 45	TX30	10	100	1.600
THA06050	C1	Ø6 x 50	TX30	15	100	1.200
THA06060	C1	Ø6 x 60	TX30	5	100	1.200
THA06080	C1	Ø6 x 80	TX30	25	100	600
THA06100	NEW C1	Ø6 x 100	TX30	45	100	600
THA06120	C1	Ø6 x 120	TX30	65	100	400
THA06140	C1	Ø6 x 140	TX30	85	100	600
THA08060	C1 & C2	Ø8 x 60	TX45	10	50	200
THA08080	C1 & C2	Ø8 x 80	TX45	15	25	400
THA08100	C1 & C2	Ø8 x 100	TX45	35	25	400
THA08120	C1 & C2	Ø8 x 120	TX45	55	25	400
THA10100	C1 & C2	Ø10 x 100	TX50	15	25	300
THA10120	C1 & C2	Ø10 x 120	TX50	35	25	200

• Non-assessed sizes for Fire Resist

THP

Opt.1 ETA Assessed. Pan head



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CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH		THICKNESS MAX.FIXTURE (MM)		
•THP05040	-	Ø5 x 40	TX30	5	100	2.400
•THP05060	-	Ø5 x 60	TX30	15	100	1.200
THP06040	-	Ø6 x 40	TX40	5	100	1.200
THP06050	C1	Ø6 x 50	TX40	15	100	1.200
THP06060	C1	Ø6 x 60	TX40	5	100	1.200
THP06080	C1	Ø6 x 80	TX40	25	50	600
THP06100	C1	Ø6 x 100	TX40	45	50	200
THP08060	C1 & C2	Ø8 x 60	TX45	10	25	400
THP08080	C1 & C2	Ø8 x 80	TX45	15	25	300

• Non-assessed sizes for Fire Resist

THT

Opt.1 ETA Assessed. Truss head



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CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH		THICKNESS MAX.FIXTURE (MM)		
THT06040	-	Ø6 x 40	TX30	5	100	1.600
THT06050	C1	Ø6 x 50	TX30	15	100	1.200
THT06060	C1	Ø6 x 60	TX30	5	100	400

Concrete screw anchor with zinc plated coating

TF

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Technical
info

SOLID



TFE

Opt.1 ETA Assessed. Hexagon head

CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH		THICKNESS MAX. FIXTURE (MM)		
•TFE05040	-	Ø5 x 40	8	5	100	2.400
•TFE05050	-	Ø5 x 50	8	5	100	1.600
•TFE05060	-	Ø5 x 60	8	15	100	1.600
•TFE05080	-	Ø5 x 80	8	35	50	800
•TFE05100	-	Ø5 x 100	8	55	50	800
TFE06035	NEW	Ø6 x 35	10	-	100	1.600
TFE06040	-	Ø6 x 40	10	5	100	1.600
TFE06045	NEW	Ø6 x 45	10	10	100	1.200
TFE06050	-	Ø6 x 50	10	15	100	1.200
TFE06060	C1	Ø6 x 60	10	5	100	1.200
TFE06070	C1	Ø6 x 70	10	15	50	600
TFE06080	C1	Ø6 x 80	10	25	50	800
TFE06100	C1	Ø6 x 100	10	45	25	400
TFE06120	C1	Ø6 x 120	10	65	25	400
TFE08055	C1 & C2	Ø8 x 55	13	5	50	600
TFE08060	C1 & C2	Ø8 x 60	13	10	50	600
TFE08070	C1 & C2	Ø8 x 70	13	5	50	200
TFE08075	NEW	Ø8 x 75	13	10	25	400
TFE08080	C1 & C2	Ø8 x 80	13	15	25	400
TFE08090	C1 & C2	Ø8 x 90	13	25	25	400
TFE08100	C1 & C2	Ø8 x 100	13	35	25	400
TFE08110	C1 & C2	Ø8 x 110	13	45	25	400
TFE08120	C1 & C2	Ø8 x 120	13	55	25	400
TFE08140	C1 & C2	Ø8 x 140	13	75	25	300
TFE10060	-	Ø10 x 60	15	5	50	200
TFE10070	-	Ø10 x 70	15	15	50	200
TFE10080	-	Ø10 x 80	15	25	50	300
TFE10090	C1 & C2	Ø10 x 90	15	5	25	300
TFE10100	C1 & C2	Ø10 x 100	15	15	25	300
TFE10120	C1 & C2	Ø10 x 120	15	35	25	200
TFE10140	C1 & C2	Ø10 x 140	15	55	25	100
TFE10160	NEW	Ø10 x 160	15	75	25	100
TFE10180	NEW	Ø10 x 180	15	95	25	100
TFE12080	-	Ø12 x 80	18	5	25	100
TFE12090	-	Ø12 x 90	18	15	25	100
TFE12100	NEW	Ø12 x 100	18	25	25	100
TFE12110	C1 & C2	Ø12 x 110	18	5	25	100
TFE12130	C1 & C2	Ø12 x 130	18	25	25	150
TFE12150	C1 & C2	Ø12 x 150	18	45	25	100
TFE14080	-	Ø14 x 80	21	5	25	150
TFE14100	-	Ø14 x 100	21	25	25	150
TFE14110	NEW	Ø14 x 110	21	35	25	100
TFE14120	C1 & C2	Ø14 x 120	21	5	25	100
TFE14130	C1 & C2	Ø14 x 130	21	15	25	100
TFE14140	C1 & C2	Ø14 x 140	21	25	25	100
TFE14160	C1 & C2	Ø14 x 160	21	45	25	50
TFE16100	-	Ø16 x 100	-	20	25	100
TFE16150	-	Ø16 x 150	-	30	25	75
TFE18100	-	Ø18 x 100	24	10	20	80
TFE18130	-	Ø18 x 130	24	40	20	40
TFE18160	C1 & C2	Ø18 x 160	24	20	15	30
TFE18180	C1 & C2	Ø18 x 180	24	40	15	30
TFE18200	C1 & C2	Ø18 x 200	24	60	10	20

• Non-assessed sizes for Fire Resist



TF

Concrete screw anchor with zinc plated coating

NEW

TFA

Opt.1 ETA Assessed. Countersunk head



CODE	SIZE		
•TFA05040	Ø5 x 40	100	2.400
•TFA05060	Ø5 x 60	100	1.200
•TFA05080	Ø5 x 80	50	800
•TFA05100	Ø5 x 100	50	800
TFA06045	Ø6 x 45	100	1.600
TFA06050	Ø6 x 50	100	1.200
TFA06060	Ø6 x 60	100	1.200
TFA06080	Ø6 x 80	100	600
TFA06100	Ø6 x 80	100	600
TFA06120	Ø6 x 120	100	400
TFA06140	Ø6 x 140	100	600
TFA08060	Ø8 x 60	50	200
TFA08080	Ø8 x 80	25	400
TFA08100	Ø8 x 100	25	400
TFA08120	Ø8 x 120	25	400
TFA10100	Ø10 x 100	25	300
TFA10120	Ø10 x 120	25	200

• Non-assessed sizes for Fire Resist

NEW

TFP

Opt.1 ETA Assessed. Pan head



CODE	SIZE		
•TFP05040	Ø5 x 40	25	300
•TFP05060	Ø5 x 60	100	1.200
TFP06040	Ø6 x 40	100	1.200
TFP06050	Ø6 x 50	100	1.200
TFP06060	Ø6 x 60	100	1.200
TFP06080	Ø6 x 80	50	600
TFP06100	Ø6 x 100	50	200
TFP08060	Ø8 x 60	25	400
TFP08080	Ø8 x 80	25	300

• Non-assessed sizes for Fire Resist

NEW

TFT

Opt.1 ETA Assessed. Truss head



CODE	SIZE		
TFT06040	Ø6 x 40	100	1.600
TFT06050	Ø6 x 50	100	1.200
TFT06060	Ø6 x 60	100	400

NEW

TFY

Eye bolt head



CODE	SIZE		
TFY08055	Ø8 x 55	50	300
TFY08075	Ø8 x 75	50	300
TFY12075	Ø12 x 75	20	120

Concrete screw anchor with zinc plated coating

TF

METAL

CODE	SIZE	
DOTFY0812	12 x 75	1

DO-TFY **NEW**

Setting tool for TFY



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info



CODE	DRILL Ø X LENGTH		THICKNESS MAX.FIXTURE (MM)		
TFN14080	Ø14 x 80	24	5	25	150

TFN

Opt.1 ETA Assessed. Hexagon head without nut



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Technical
info



CODE	SEISMICASSESSMENT	DRILL Ø X LENGTH	N° RECESS	THICKNESS MAX.FIXTURE (MM)		
TFS06100	C1	Ø6 x 100 (M8)	5	31	50	800
TFS06120	C1	Ø6 x 120 (M8)	5	51	50	600
TFS08110	C1 & C2	Ø8 x 110 (M10)	7	29	50	400
TFS08130	C1 & C2	Ø8 x 130 (M10)	7	49	50	400
TFS10120	C1 & C2	Ø10 x 120 (M12)	8	26	25	200
TFS10140	C1 & C2	Ø10 x 140 (M12)	8	47	25	200

TFS

Opt.1 ETA Assessed. Stud bolt



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info



CODE		DRILL Ø X LENGTH			
*TFF05035S	NEW	Ø5 x 35 (M6)	10	50	1.200
TFF06035		Ø6 x 35 (M8-M10)	13	50	200
TFF06040	NEW	Ø6 x 40 (M8-M10)	13	50	200
TFF06055		Ø6 x 55 (M8-M10)	13	50	200
TFF08050T	NEW	Ø8 x 50 (M10)	13	50	600
TFF08050W	NEW	Ø8 x 50 (M12)	17	50	600

TFF

Opt.1 ETA Assessed. Hanger female



• Non-assessed sizes for Fire Resist





TF

Concrete screw anchor with zinc plated coating

TFM

Opt.1 ETA Assessed. Hanger male

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info

SOLID



CODE	DRILL Ø X LENGTH	N° RECESS		
TFM06035	Ø6 x 35 (M8)	13	100	400
TFM06055	Ø6 x 55 (M10)	13	100	600

CH

Anti-spin sleeve anchor for medium loads

CH-TO

Hexagonal head screw 6.8. Opt.7 ETA Assessed

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Technical
info

SOLID



CODE	SIZE		
ACHT08C	M6 x 45 Ø8	200	1.200
• ACHT09C	M6 x 45 Ø9	200	800
ACHT08L	M6 x 60 Ø8	200	800
• ACHT09L	M6 x 60 Ø9	200	800
ACHT10C	M8 x 60 Ø10	100	600
• ACHT11C	M8 x 60 Ø11	100	400
ACHT10L	M8 x 80 Ø10	100	400
• ACHT11L	M8 x 80 Ø11	100	400
ACHT12C	M10 x 70 Ø12	100	200
• ACHT14C	M10 x 70 Ø14	100	200
ACHT12L	M10 x 100 Ø12	50	200
• ACHT14L	M10 x 100 Ø14	50	200
ACHT16C	M12 x 80 Ø16	50	200
ACHT16L	M12 x 110 Ø16	50	100
ACHT20C	M16 x 110 Ø20	25	50
• ACHT25C	M20 x 130 Ø25	15	45

• Non-assessed sizes



Blister

CODE	SIZE	PCS 	BAGS
BZACT08C	M6 x 45 Ø8	2	15
BZACT08L	M6 x 60 Ø8	2	15
BZACT10C	M8 x 60 Ø10	2	15
BZACT10L	M8 x 80 Ø10	2	15
BZACT12C	M10 x 70 Ø12	2	10
BZACT12L	M10 x 100 Ø12	2	10



Window box

CODE	SIZE	PCS 	BOXES
VACT08C	M6 x 45 Ø8	15	8
VACT08L	M6 x 60 Ø8	15	8
VACT10C	M8 x 60 Ø10	10	8
VACT10L	M8 x 80 Ø10	10	8
VACT12C	M10 x 70 Ø12	8	8
VACT12L	M10 x 100 Ø12	6	8
VACT16C	M12 x 80 Ø16	4	8

Anti-spin sleeve anchor for medium loads

CH

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Technical
info

STAINLESS STEEL



CODE	SIZE		
ACHTA208C	M6 x 45 Ø8	100	1.200
• ACHTA209C	M6 x 45 Ø9	100	1.200
ACHTA208L	M6 x 60 Ø8	100	600
• ACHTA209L	M6 x 60 Ø9	100	600
ACHTA210C	M8 x 60 Ø10	100	600
• ACHTA211C	M8 x 60 Ø11	100	400
ACHTA210L	M8 x 80 Ø10	100	400
• ACHTA211L	M8 x 80 Ø11	100	400
ACHTA212C	M10 x 70 Ø12	100	200
• ACHTA214C	M10 x 70 Ø14	100	300
ACHTA212L	M10 x 100 Ø12	50	200
• ACHTA214L	M10 x 100 Ø14	50	200
ACHTA216C	M12 x 80 Ø16	50	100
ACHTA216L	M12 x 110 Ø16	50	100
ACHTA220C	M16 x 110 Ø20	25	75

• Non-assessed sizes

CH-A2

A2 Stainless steel. Opt.7 ETA Assessed



Window box

CODE	SIZE	PCS 	BOXES
VACHTA208C	M6 x 45 Ø8	10	8
VACHTA208L	M6 x 60 Ø8	10	8
VACHTA210C	M8 x 60 Ø10	6	8
VACHTA210L	M8 x 80 Ø10	6	8
VACHTA212C	M10 x 70 Ø12	4	8
VACHTA212L	M10 x 100 Ø12	4	8

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info

SOLID



CODE	SIZE	APERTURE HOOK		
ACHG08C	M6 x 45 Ø8	10	100	600
ACHG09C	M6 x 45 Ø9	10	100	600
ACHG10C	M8 x 60 Ø10	13	100	400
ACHG11C	M8 x 60 Ø11	13	100	400
ACHG12C	M10 x 70 Ø12	14	50	200
ACHG14C	M10 x 70 Ø14	14	50	200
ACHG16C	M12 x 80 Ø16	22	25	100

CH-GA

Hook bolt



Blister

CODE	SIZE	PCS 	BAGS
BZACHG08C	M6 x 45 Ø8	2	15
BZACHG10C	M8 x 60 Ø10	2	15
BZACHG12C	M10 x 70 Ø12	2	10

Window box

CODE	SIZE	PCS 	BOXES
VACHG08C	M6 x 45 Ø8	10	8
VACHG10C	M8 x 60 Ø10	6	8

CH

Anti-spin sleeve anchor for medium loads

CH-AR

Eye bolt



02 Technical info
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SOLID



CODE	SIZE	EYE BOLT Ø		
ACHA08C	M6 x 45 Ø8	10	100	600
ACHA09C	M6 x 45 Ø9	10	100	600
ACHA10C	M8 x 60 Ø10	13	100	400
ACHA11C	M8 x 60 Ø11	13	100	200
ACHA12C	M10 x 70 Ø12	14	50	200
ACHA14C	M10 x 70 Ø14	14	50	200
ACHA16C	M12 x 80 Ø16	22	25	100

02 Blister

CODE	SIZE	PCS	BAGS
BZACHA08C	M6 x 45 Ø8	2	15
BZACHA10C	M8 x 60 Ø10	2	15
BZACHA12C	M10 x 70 Ø12	2	10

02 Window box

CODE	SIZE	PCS	BOXES
VACHA08C	M6 x 45 Ø8	10	8
VACHA10C	M8 x 60 Ø10	6	8

CH-PL

Flat head screw. Opt.7 ETA Assessed



02 Technical info
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SOLID



CODE	SIZE			
ACHTPL08C	M6 x 45 Ø8	4	100	1.600
ACHTPL08L	M6 x 60 Ø8	4	100	1.200
ACHTPL10C	M8 x 60 Ø10	5	100	400
ACHTPL10L	M8 x 80 Ø10	5	100	600
ACHTPL12C	M10 x 70 Ø12	6	50	400
ACHTPL12L	M10 x 100 Ø12	6	50	300

CH-PI

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



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STAINLESS STEEL



CODE	SIZE			
ACHTPI08C	M6 x 45 Ø8	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	5	100	600
ACHTPI10L	M8 x 80 Ø10	5	100	400
ACHTPI12C	M10 x 70 Ø12	6	50	300
ACHTPI12L	M10 x 100 Ø12	6	50	300

Anti-spin sleeve anchor for medium loads

CH

02
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Technical
info

SOLID



CODE	SIZE			
ACHINB08C	M6 x 45 Ø8	TX40	100	1.200
ACHINB08L	M6 x 60 Ø8	TX40	100	800
ACHINB10C	M8 x 60 Ø10	TX40	100	600
ACHINB10L	M8 x 80 Ø10	TX40	100	400

03
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Blister

CODE	SIZE	PCS PER B	BAGS
BZACHINB08C	M6 x 45 Ø8	2	15
BZACHINB10C	M8 x 60 Ø10	2	15

CH-INB

Zinc-plated tamperproof head. Opt.7
ETA Assessed



02
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Technical
info

SOLID



CODE	SIZE			
ACHINN08C	M6 x 45 Ø8	TX40	100	1.200
ACHINN08L	M6 x 60 Ø8	TX40	100	800
ACHINN10C	M8 x 60 Ø10	TX40	100	600
ACHINN10L	M8 x 80 Ø10	TX40	100	400

CH-INN

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





RIGGING HARDWARE AND FENCING

D.

SJ

Wire rope clip DIN 741

SJ-Z

Zinc-plated



METAL



CODE	SIZE		
SJZ0403	M4(Ø3)	200	2.400
SJZ0505	M5(Ø5)	200	1.200
SJZ0506	M5(Ø6 - 6,5)	100	1.200
SJZ0608	M6(Ø8)	100	600
SJZ0810	M8(Ø10)	100	400
SJZ0811	M8(Ø11)	100	400
SJZ1013	M10(Ø13)	50	150
SJZ1014	M10(Ø14)	50	200
SJZ1216	M12(Ø16)	50	100
SJZ1220	M12(Ø20)	25	75
SJZ1422	M14(Ø22)	15	45
SJZ1426	M14(Ø26)	15	45
SJZ1630	M16(Ø30)	10	30
SJZ1634	M16(Ø34)	10	20
SJZ1640	M16(Ø40)	5	15
SJZ1845	M18(Ø45)	5	-
SJZ2050	M20(Ø50)	5	-



Blister

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

SJ-A4

A4 Stainless steel



METAL



CODE	SIZE		
SJA42103	M4(Ø3)	50	1.200
SJA42305	M5(Ø5)	40	960
SJA42606	M5(Ø6)	20	900
SJA43008	M6(Ø8)	20	480
SJA43410	M8(Ø10)	10	240
SJA43611	M8(Ø11)	10	240
SJA44414	M10(Ø14)	5	225
SJA45016	M12(Ø16)	5	120
SJA45418	M12(Ø18)	5	80
SJA46122	M14(Ø22)	1	45
SJA46525	M14(Ø25)	1	24

SJ-O

Oval cable clip. Zinc-plated



METAL



CODE	SIZE		
SJ00502	M5(Ø2)	100	1.200
SJ00503	M5(Ø3)	100	1.200
SJ00604	M6(Ø4)	100	600
SJ00605	M6(Ø5)	100	600
SJ00606	M6(Ø6)	25	600

Flat cable clip

SJ-P

METAL



CODE	SIZE		
SJPS0402	M4(Ø2)	100	4.500
SJPS0403	M4(Ø3)	100	2.400
SJPS0504	M5(Ø4)	100	2.400
SJPS0605	M6(Ø5)	100	1.200
SJPS0606	M6(Ø6)	50	600

SJ-PS

Single. Zinc-plated



METAL



CODE	SIZE		
SJPSA40403	M4(Ø3)	30	1.350
SJPSA40504	M5(Ø4)	30	1.350
SJPSA40605	M6(Ø5)	20	900
SJPSA40606	M6(Ø6)	10	450

SJ-PS A4

Single. A4 Stainless steel



METAL



CODE	SIZE		
SJPD0402	M4(Ø2)	100	2.400
SJPD0403	M4(Ø3)	100	1.200
SJPD0504	M5(Ø4)	100	1.200
SJPD0605	M5(Ø5)	50	600
SJPD0606	M6(Ø6)	50	300
SJPD0808	M8(Ø8)	25	150

SJ-PD

Double. Zinc-plated



METAL



CODE	SIZE		
SJPDA40403	M4(Ø3)	30	720
SJPDA40504	M5(Ø4)	30	720
SJPDA40605	M5(Ø5)	20	480
SJPDA40606	M6(Ø6)	10	240

SJ-PD A4

Double. A4 Stainless steel

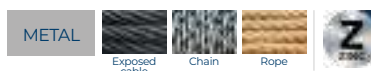


TS-GA

Turnbuckle hook/ring DIN-1480

TS-GA

Zinc-plated



CODE	SIZE		
TSGA05	M5	50	300
TSGA06	M6	50	200
TSGA08	M8	25	100
TSGA10	M10	25	75
TSGA12	M12	10	20
TSGA14	M14	10	20
TSGA16	M16	10	20
TSGA20	M20	5	-
TSGA22	M22	1	-
TSGA24	M24	1	-
TSGA30	M30	1	-
TSGA36	M36	1	-



CODE	SIZE	PCS	BAGS
BZTSGA06	M6	1	20

TS-GA A4

A4 Stainless steel



CODE	SIZE		
TSGAA405	M5	10	240
TSGAA406	M6	10	120
TSGAA410	M10	5	30
TSGAA412	M12	5	30

TS-AA

Turnbuckle ring/ring DIN-1480

TS-AA

Zinc-plated



CODE	SIZE		
TSAA05	M5	50	300
TSAA06	M6	50	200
TSAA08	M8	25	100
TSAA10	M10	25	75
TSAA12	M12	10	30
TSAA14	M14	10	20
TSAA16	M16	10	20
TSAA20	M20	5	10
TSAA22	M22	1	-
TSAA24	M24	1	-
TSAA30	M30	1	-
TSAA36	M36	1	-

TS-AA A4

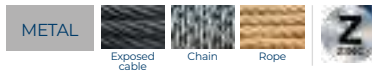
A4 Stainless steel



CODE	SIZE		
TSAAA405	M5	10	240
TSAAA406	M6	10	120
TSAAA408	M8	10	60
TSAAA410	M10	5	20
TSAAA412	M12	5	20

Turnbuckle hook/hook DIN-1480

TS-GG



TS-GG

Zinc-plated

CODE	SIZE		
TSGG05	M5	50	300
TSGG06	M6	50	200
TSGG08	M8	25	75
TSGG10	M10	25	75
TSGG12	M12	10	20
TSGG14	M14	10	20
TSGG16	M16	10	20
TSGG20	M20	5	-
TSGG22	M22	1	-
TSGG24	M24	1	-
TSGG30	M30	1	-
TSGG36	M36	1	-



TS-GG A4

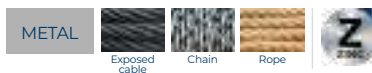
A4 Stainless steel

CODE	SIZE		
TSGGA405	M5	10	240
TSGGA406	M6	10	120
TSGGA408	M8	10	-
TSGGA410	M10	5	20
TSGGA412	M12	5	15



Welding rod turnbuckle

TS-VS



CODE	SIZE		
TSVS06	M6	50	100
TSVS08	M8	25	50
TSVS10	M10	25	50
TSVS12	M12	25	50
TSVS14	M14	10	20
TSVS16	M16	10	-
TSVS20	M20	1	-
TSVS22	M22	1	-
TSVS24	M24	1	-
TSVS30	M30	1	-
TSVS36	M36	1	-



EV-H

Ring nut D-582

EV-H

Zinc-plated



CODE	SIZE		
EVH06	M6(Ø20)	100	400
EVH08	M8(Ø20)	100	400
EVH10	M10(Ø25)	100	200
EVH12	M12(Ø30)	100	-
EVH14	M14(Ø35)	50	150
EVH16	M16(Ø35)	50	100
EVH18	M18(Ø40)	50	-
EVH20	M20(Ø40)	50	-
EVH22	M22(Ø45)	25	50
EVH24	M24(Ø50)	25	-
EVH27	M28(Ø53)	10	-
EVH30	M30(Ø60)	10	20
EVH36	M36(Ø70)	1	-
EVH42	M42(Ø80)	1	-
EVH48	M48(Ø90)	1	-

EV-H A4

A4 Stainless steel



CODE	SIZE		
EVHA406	M6(Ø15)	10	450
EVHA408	M8(Ø20)	10	450
EVHA410	M10(Ø25)	10	240
EVHA412	M12(Ø30)	5	120
EVHA414	M14(Ø30)	5	120
EVHA416	M16(Ø35)	1	-
EVHA420	M20(Ø38)	1	-
EVHA424	M24(Ø50)	1	24

EV-M

Ring nut D-580

EV-M

Zinc-plated



CODE	SIZE		
EVM06	M6 (Ø20)	100	400
EVM08	M8 (Ø20)	100	400
EVM10	M10 (Ø25)	100	200
EVM12	M12 (Ø30)	50	100
EVM14	M14 (Ø35)	50	100
EVM16	M16 (Ø35)	50	-
EVM18	M18 (Ø40)	50	-
EVM20	M20 (Ø40)	25	50
EVM22	M22 (Ø45)	25	50
EVM24	M24 (Ø50)	25	-
EVM27	M27 (Ø55)	10	-
EVM30	M30 (Ø60)	10	-
EVM33	M33 (Ø65)	1	-
EVM36	M36 (Ø70)	1	-
EVM42	M42(Ø80)	1	-
EVM48	M48 (Ø90)	1	-

EV-M A4

A4 Stainless steel



CODE	SIZE		
EVMA406	M6 (Ø20)	10	450
EVMA408	M8 (Ø20)	10	450
EVMA410	M10 (Ø25)	10	240
EVMA412	M12 (Ø30)	5	120
EVMA414	M14 (Ø35)	5	120
EVMA416	M16 (Ø35)	1	45
EVMA420	M20 (Ø40)	1	-
EVMA424	M24(Ø50)	1	12

Straight shackle

GR

METAL



Exposed cable

Chain

Rope

GR-Z

Zinc-plated



CODE	SIZE		
GRZ05	M5(Ø10)	50	1.200
GRZ06	M6(Ø12)	50	600
GRZ08	M8(Ø16)	50	300
GRZ10	M10(Ø19)	50	200
GRZ11	M11(Ø22)	25	150
GRZ12	M12(Ø25)	25	100
GRZ14	M14(Ø28)	25	75
GRZ16	M16(Ø32)	10	40
GRZ18	M18(Ø36)	5	30
GRZ20	M20(Ø38)	5	20
GRZ22	M22(Ø44)	1	-
GRZ25	M25(Ø50)	1	-
GRZ28	M28(Ø56)	1	-
GRZ32	M32(Ø64)	1	-
GRZ36	M36(Ø70)	1	-
GRZ38	M38(Ø76)	1	-
GRZ42	M42(Ø76)	1	-
GRZ45	M45(Ø80)	1	-
GRZ50	M50(Ø90)	1	-
GRZ56	M56(Ø100)	1	-
GRZ63	M63(Ø110)	1	-



Blister

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

METAL



Exposed cable

Chain

Rope

GR-A4

A4 Stainless steel



CODE	SIZE		
GRA404	M4(Ø08)	25	1.125
GRA405	M5(Ø10)	25	1.125
GRA406	M6(Ø12)	25	600
GRA408	M8(Ø16)	10	240
GRA410	M10(Ø19)	10	120
GRA412	M12(Ø25)	5	60
GRA414	M14(Ø28)	5	60
GRA416	M16(Ø32)	5	40
GRA419	M20(Ø38)	1	-
GRA425	M25(Ø50)	1	-

GD

Thimble DIN-6899/A

GD-Z

Zinc-plated



CODE	SIZE		
GDZ03	M3(Ø12)	200	2.400
GDZ04	M4(Ø13)	200	1.200
GDZ05	M5(Ø14)	200	600
GDZ06	M6(Ø15)	200	-
GDZ08	M8(Ø18)	100	200
GDZ10	M10(Ø22)	100	200
GDZ12	M12(Ø26)	100	200
GDZ13	M13(Ø28)	50	-
GDZ15	M15(Ø32)	50	-
GDZ18	M18(Ø40)	50	-
GDZ20	M20(Ø44)	25	-
GDZ24	M24(Ø48)	10	20



Blister

CODE	SIZE	PCS B	BAGS
BZGDZ03	M3(Ø12)	6	20
BZGDZ04	M4(Ø13)	4	20
BZGDZ05	M5(Ø14)	4	20
BZGDZ06	M6(Ø15)	4	20

GD-A4

A4 Stainless steel



CODE	SIZE		
GDA402	M2(Ø10)	100	4.500
GDA403	M3(Ø12)	100	4.500
GDA404	M4(Ø13)	50	2.250
GDA405	M5(Ø14)	50	1.200
GDA406	M6(Ø15)	50	1.200
GDA408	M8(Ø18)	50	600
GDA410	M10(Ø22)	25	300
GDA412	M12(Ø26)	10	120
GDA415	M15(Ø32)	5	60

GI

Lyre shackle

GI-Z

Zinc-plated



CODE	SIZE		
GIZ36	M36(Ø78)	1	-
GIZ05	M5(Ø8)	50	1.200
GIZ06	M6(Ø10)	50	600
GIZ08	M8(Ø12)	50	300
GIZ10	M10(Ø16)	50	200
GIZ11	M11(Ø19)	25	150
GIZ12	M12(Ø28)	25	100
GIZ14	M14(Ø33)	10	60
GIZ16	M16(Ø37)	10	40
GIZ20	M20(Ø40)	5	30
GIZ22	M22(Ø47)	1	45
GIZ25	M25(Ø52)	1	-
GIZ28	M28(Ø63)	1	-
GIZ32	M32(Ø75)	1	-

Firefighter carabiner

MQ

METAL

Exposed cable

Chain

Rope

A4

CODE	SIZE		
GIA404	M4(Ø6)	25	1.125
GIA405	M5(Ø8)	25	1.125
GIA406	M6(Ø10)	10	450
GIA408	M8(Ø12)	10	240
GIA410	M10(Ø16)	10	120
GIA412	M12(Ø28)	5	60
GIA414	M14(Ø33)	5	60
GIA416	M16(Ø37)	5	30

GI-A4

A4 Stainless steel



Zinc plated "S"

GS

METAL

Exposed cable

Chain

Rope

Z

CODE	SIZE		
GSZ0325	M3(Ø8)	200	4.800
GSZ0435	M4(Ø10)	200	2.400
GSZ0545	M5(Ø13)	200	1.200
GSZ0655	M6(Ø15)	100	600
GSZ0765	M7(Ø20)	50	300
GSZ0875	M8(Ø22)	50	300
GSZ1010	M10(Ø25)	25	150



Firefighter carabiner

MQ

METAL

Exposed cable

Chain

Rope

CODE	SIZE		
MQBS04	M4(Ø6)	200	2.400
MQBS06	M6(Ø9)	100	600
MQBS07	M7(Ø10)	100	400
MQBS08	M8(Ø12)	50	300
MQBS09	M9(Ø15)	25	150
MQBS10	M10(Ø14,7)	25	150
MQBS11	M11(Ø18)	25	100
MQBS12	M12(Ø20)	10	60

MQ-BS

With lock



METAL

Exposed cable

Chain

Rope



CODE	SIZE		
MQB04	M4(Ø6)	100	2.400
MQB05	M5(Ø8)	100	1.200
MQB06	M6(Ø9)	100	600
MQB07	M7(Ø10)	100	600
MQB08	M8(Ø12)	50	300
MQB09	M9(Ø15)	25	150
MQB10	M10(Ø15)	25	150
MQB11	M11(Ø18)	10	120
MQB12	M12(Ø20)	10	60
MQB14	M14(Ø25)	10	40
MQB15	M15(Ø26)	10	30

MQ-B

Firefighter carabiner



CM

Fencing accesories

CM-BP

Clamp post

METAL



CODE	SIZE	
CMBRPOS33	33-35	250
CMBRPOS40	40-43	200
CMBRPOS42	42-45	200
CMBRPOS48	48-52	200
CMBRPOS50	50-53	200
CMBRPOS60	60-62	150

CM-BT

Screw tighten clamp

METAL



CODE	SIZE	
CMBRTEN48	48	200

CM-TA

Stopper

METAL



CODE	SIZE	
CMTAPON33	33	500
CMTAPON40	40	350
CMTAPON42	42	350
CMTAPON48	48	300
CMTAPON50	50	250
CMTAPON60	60	250

CM-TP

Post stopper

METAL



CODE	SIZE	
CMTAPOS33	33	100
CMTAPOS40	40	200
CMTAPOS42	42	200
CMTAPOS48	48	150

CM-UN

Fastener

METAL



CODE	SIZE	
CMUNAAGUJ	Con agujero	1.500

Fencing hardware

CM-T

METAL



CODE	SIZE	
CMTENSOAL	85 x 29,5	250

CM-TENSO

Wire tightener



METAL



CODE	SIZE	
CMTENSOVE	85 x 29,5	250

CM-TENSOVE

Green wire tightener



METAL



CODE	SIZE	
CMTENSOTO	Tornillo	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



CODE	SIZE	
FG60GUN	Pistola gas / Gas gun / Pistolet gaz	 1

GAS

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



CODE	SIZE	
FG60GUNEL	Pistola gas / Gas gun / Pistolet gaz	 1

GAS

TOOL CASE CONTENT

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

Nails for gas-actuated guns

FG-CL



CODE	SIZE	
FGCL15	2,6 x 15	1.000
FGCL20	2,6 x 20	1.000
FGCL25	2,6 x 25	1.000
FGCL30	2,6 x 30	1.000
FGCL35	2,6 x 35	1.000
FGCL40	2,6 x 40	1.000

FG-CL

Standard nails



CODE	SIZE		
FGCLH15	3,1 x 15	1.000	-
FGCLH17	3,1 x 17	1.000	5.000
FGCLH19	3,1 x 19	1.000	-
FGCLH22	3,1 x 22	1.000	-
FGCLH27	3,1 x 27	1.000	-
FGCLH32	3,1 x 32	1.000	-

FG-CLH

Nails for hard materials



	FG-CLH					FG-CL					
	15	17	22	27	32	15	20	25	30	35	40
	●	●	●	●	○						
	○	●	●	●	●						
	○	●	●	●	●	○	○	○	○	○	○
		○	○	○	○	○	●	●	●	●	●
			○	○	○	●	●	●	●	●	●
				○	○	●	●	●	●	●	●

 /  Valid for
 /  Reduced performance

Accessories for installation with gas gun

FG-AC

MULTI-MATERIAL



CODE	SIZE		
OMEM06	M6	100	1.000

OME

Universal anchor


CE UK
13 CA21


CODE	SIZE		
FGARAM25	Ø25	200	4.800

FG-ARAM

Metallic washer



FP-CL08

Nails for powder-actuated FP08 guns

FG-ARAM EP

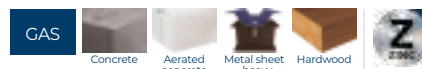
Metallic washer. Plastic container



CODE	SIZE	PCS. X JAR	
FGARAM25EP	Ø25	1.000	1

FG-PLET

Threaded platen for rod



CODE	SIZE		
FGPLET	M6 - M8	100	400

AB-PID

Conduit clip with single hole for shooting



CODE	SIZE		
ABPID016	16	100	1.200
ABPID020	20	100	1.200
ABPID025	25	100	600
ABPID032	32	100	600

FG-ABRA

Snap clamp



CODE	SIZE		
FGABRA15	15 - 18	100	-
FGABRA20	20 - 25	50	200
FGABRA25	25 - 32	50	-

FG-BASE

Flange base



CODE	COLOR		
FGBASEGR	GREY	100	1.200
FGBASENE	BLACK	100	1.200

Accessories for gas gun

FG-APG



CODE	SIZE	
FGCAEL	11	1

FG-CAEL

Special pistol barrel for electricians



CODE	SIZE	
FGCLCAR40	40	1

FG-CLCAR

Gun magazine for 40 nails



CODE	SIZE	
FGIMAN	Øinterior 11,25	1

FG-IMAN

Magnet



CODE		
FG60BAT		1

FG-BAT

FP60GUN Battery



CODE		
FG60CAR		1

FG-CAR

FP60GUN Charger



CODE	SIZE		
FG60GAS	80 ml.	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			
ABE3509	3,5 x 9,5	6	1.000	24.000
ABE3513	3,5 x 13	6	1.000	12.000
ABE3516	3,5 x 16	6	1.000	12.000
ABE3519	3,5 x 19	6	1.000	12.000
ABE4213	4,2 x 13	7	1.000	12.000
ABE4216	4,2 x 16	7	1.000	8.000
ABE4219	4,2 x 19	7	1.000	8.000
ABE4225	4,2 x 25	7	500	6.000
ABE4232	4,2 x 32	7	500	6.000
ABE4238	4,2 x 38	7	500	6.000
ABE4813	4,8 x 13	8	1.000	8.000
ABE4816	4,8 x 16	8	1.000	6.000
ABE4819	4,8 x 19	8	500	6.000
ABE4825	4,8 x 25	8	500	6.000
ABE4832	4,8 x 32	8	500	3.000
ABE4838	4,8 x 38	8	500	3.000
ABE5519	5,5 x 19	8	500	6.000
ABE5522	5,5 x 22	8	500	4.000
ABE5525	5,5 x 25	8	500	4.000
ABE5532	5,5 x 32	8	500	3.000
ABE5538	5,5 x 38	8	500	3.000
ABE5550	5,5 x 50	8	500	2.000

CODE	SIZE			
ABE5563	5,5 x 63	8	250	1.000
ABE5575	5,5 x 75	8	250	1.500
ABE6319	6,3 x 19	10	500	3.000
ABE6325	6,3 x 25	10	500	3.000
ABE6332	6,3 x 32	10	500	2.000
ABE6338	6,3 x 38	10	500	2.000
ABE6350	6,3 x 50	10	250	1.500
ABE6363	6,3 x 63	10	250	1.500
ABE6375	6,3 x 75	10	250	1.000
ABE6380	6,3 x 80	10	250	1.000
ABE6390	6,3 x 90	10	250	750
ABE6310	6,3 x 100	10	100	600
ABE6311	6,3 x 110	10	100	600
ABE6312	6,3 x 120	10	100	600
ABE6313	6,3 x 130	10	100	600
ABE6314	6,3 x 140	10	100	600
ABE6315	6,3 x 150	10	100	600
ABE6316	6,3 x 160	10	100	400
ABE6318	6,3 x 180	10	100	300
ABE6320	6,3 x 200	10	100	300
ABE6322	6,3 x 220	10	100	200
ABE6324	6,3 x 240	10	100	200



Blister

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



Window box

CODE	SIZE	PCS	BOXES
VABE3509	3,5 x 9,5	225	8
VABE3513	3,5 x 13	200	8
VABE4213	4,2 x 13	150	8
VABE4216	4,2 x 16	150	8
VABE4219	4,2 x 19	150	8
VABE4225	4,2 x 25	75	8
VABE4232	4,2 x 32	75	8
VABE4813	4,8 x 13	150	8
VABE4816	4,8 x 16	150	8
VABE4819	4,8 x 19	150	8
VABE4825	4,8 x 25	150	8
VABE4832	4,8 x 32	110	8
VABE4838	4,8 x 38	85	8
VABE5519	5,5 x 19	125	8
VABE5522	5,5 x 22	125	8
VABE5525	5,5 x 25	125	8
VABE5532	5,5 x 32	85	8
VABE5538	5,5 x 38	80	8
VABE5550	5,5 x 50	60	8
VABE5563	5,5 x 63	40	8
VABE6319	6,3 x 19	100	8
VABE6325	6,3 x 25	90	8
VABE6332	6,3 x 32	70	8
VABE6338	6,3 x 38	60	8
VABE6350	6,3 x 50	40	8
VABE6363	6,3 x 63	25	8

DIN-7504-K A2

Screw. A2 Stainless steel



STAINLESS STEEL



CODE	SIZE			
ABEI4213	4,2 x 13	7	1.000	12.000
ABEI4216	4,2 x 16	7	1.000	8.000
ABEI4219	4,2 x 19	7	1.000	8.000
ABEI4813	4,8 x 13	8	1.000	8.000
ABEI4816	4,8 x 16	8	500	6.000
ABEI4819	4,8 x 19	8	500	6.000
ABEI4825	4,8 x 25	8	500	6.000
ABEI4832	4,8 x 32	8	500	3.000
ABEI5519	5,5 x 19	8	500	6.000
ABEI5522	5,5 x 22	8	500	4.000
ABEI5525	5,5 x 25	8	500	6.000
ABEI6319	6,3 x 19	10	500	3.000
ABEI6325	6,3 x 25	10	500	3.000



Self-drilling screw with hexagonal head

DIN-7504-K

METAL



CODE	SIZE			
ABE144219	4,2 x 19 P14	7	1.000	4.000
ABE164219	4,2 x 19 P16	7	1.000	4.000
ABE144225	4,2 x 25 P14	7	500	3.000
ABE144816	4,8 x 16 P14	8	1.000	4.000
ABE164816	4,8 x 16 P16	8	1.000	4.000
ABE144819	4,8 x 19 P14	8	1.000	4.000
ABE164819	4,8 x 19 P16	8	1.000	3.000
ABE184819	4,8 x 19 P18	8	500	3.000
ABE144825	4,8 x 25 P14	8	1.000	4.000
ABE164825	4,8 x 25 P16	8	1.000	3.000
ABE184825	4,8 x 25 P18	8	500	3.000
ABE144832	4,8 x 32 P14	8	500	3.000
ABE164832	4,8 x 32 P16	8	500	3.000
ABE144838	4,8 x 38 P14	8	500	3.000
ABE164838	4,8 x 38 P16	8	500	2.000
ABE184838	4,8 x 38 P18	8	500	2.000
ABE165519	5,5 x 19 P16	8	1.000	3.000
ABE145522	5,5 x 22 P14	8	1.000	4.000
ABE165522	5,5 x 22 P16	8	1.000	3.000
ABE185522	5,5 x 22 P18	8	500	3.000
ABE255522	5,5 x 22 P25	8	500	1.500
ABE165525	5,5 x 25 P16	8	1.000	3.000
ABE185525	5,5 x 25 P18	8	500	3.000
ABE255525	5,5 x 25 P25	8	500	1.500
ABE145532	5,5 x 32 P14	8	1.000	3.000
ABE165532	5,5 x 32 P16	8	1.000	2.000
ABE185532	5,5 x 32 P18	8	500	2.000
ABE165538	5,5 x 38 P16	8	1.000	2.000
ABE185538	5,5 x 38 P18	8	500	2.000
ABE165550	5,5 x 50 P16	8	500	1.500
ABE185550	5,5 x 50 P18	8	500	1.500
ABE165563	5,5 x 63 P16	8	250	1.500
ABE185563	5,5 x 63 P18	8	250	1.000
ABE165575	5,5 x 75 P16	8	250	1.000
ABE166319	6,3 x 19 P16	10	500	3.000
ABE186319	6,3 x 19 P18	10	500	3.000
ABE166325	6,3 x 25 P16	10	500	2.000

CODE	SIZE			
ABE186325	6,3 x 25 P18	10	500	2.000
ABE256325	6,3 x 25 P25	10	500	1.500
ABE166332	6,3 x 32 P16	10	500	2.000
ABE186332	6,3 x 32 P18	10	500	2.000
ABE256332	6,3 x 32 P25	10	500	1.000
ABE166338	6,3 x 38 P16	10	500	2.000
ABE186338	6,3 x 38 P18	10	250	1.500
ABE256338	6,3 x 38 P25	10	250	750
ABE166350	6,3 x 50 P16	10	500	1.000
ABE186350	6,3 x 50 P18	10	250	1.000
ABE256350	6,3 x 50 P25	10	250	750
ABE166363	6,3 x 63 P16	10	250	1.000
ABE186363	6,3 x 63 P18	10	250	1.000
ABE256363	6,3 x 63 P25	10	100	600
ABE166375	6,3 x 75 P16	10	250	750
ABE186375	6,3 x 75 P18	10	250	750
ABE166380	6,3 x 80 P16	10	100	600
ABE186380	6,3 x 80 P18	10	100	600
ABE256380	6,3 x 80 P25	10	100	300
ABE166390	6,3 x 90 P16	10	100	600
ABE186390	6,3 x 90 P18	10	100	600
ABE256390	6,3 x 90 P25	10	100	400
ABE166310	6,3 x 100 P16	10	100	600
ABE186310	6,3 x 100 P18	10	100	400
ABE256310	6,3 x 100 P25	10	100	400
ABE166311	6,3 x 110 P16	10	100	600
ABE186311	6,3 x 110 P18	10	100	400
ABE256311	6,3 x 110 P25	10	100	300
ABE166312	6,3 x 120 P16	10	100	400
ABE186312	6,3 x 120 P18	10	100	400
ABE256312	6,3 x 120 P25	10	100	300
ABE166313	6,3 x 130 P16	10	100	400
ABE186313	6,3 x 130 P18	10	100	400
ABE256313	6,3 x 130 P25	10	100	300
ABE166314	6,3 x 140 P16	10	100	400
ABE186314	6,3 x 140 P18	10	100	400
ABE256314	6,3 x 140 P25	10	100	200

DIN-7504-K + ARVUL

Screw with vulcanized EPDM-steel washer



Available in different colours



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



Blister

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



Window box

CODE	SIZE	PCS B	BOXES
VABE144819	4,8 x 19 P14	100	8
VABE164819	4,8 x 19 P16	70	8
VABE144825	4,8 x 25 P14	80	8
VABE165522	5,5 x 22 P14	70	8
VABE165525	5,5 x 25 P16	60	8
VABE165532	5,5 x 32 P14	50	8
VABE165538	5,5 x 38 P16	45	8
VABE165550	5,5 x 50 P16	35	8
VABE166325	6,3 x 25 P16	50	8
VABE166332	6,3 x 32 P16	50	8
VABE166338	6,3 x 38 P16	40	8

METAL



CODE	SIZE		PCS. X JAR	
ABE144819CP	4,8 x 19 P14	8	1.250	1
ABE164819CP	4,8 x 19 P16	8	1.250	1
ABE165522CP	5,5 x 22 P16	8	1.250	1
ABE166325CP	6,3 x 25 P16	10	750	1

DIN-7504-K CP + ARVUL

Plastic container



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			
AUE6319	6,3 x 19	10	500	3.000
AUE6325	6,3 x 25	10	500	3.000
AUE6332	6,3 x 32	10	500	2.000
AUE6340	6,3 x 40	10	500	2.000
AUE6350	6,3 x 50	10	500	1.500
AUE6360	6,3 x 60	10	250	1.000
AUE6380	6,3 x 80	10	250	1.000
AUE6310	6,3 x 100	10	250	750
AUE6311	6,3 x 110	10	250	750
AUE6312	6,3 x 120	10	250	750
AUE6313	6,3 x 130	10	250	750
AUE6314	6,3 x 140	10	250	500
AUE6315	6,3 x 150	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			
AUE166319	6,3 x 19 P16	10	500	2.000
AUE166325	6,3 x 25 P16	10	500	2.000
AUE186325	6,3 x 25 P18	10	500	2.000
AUE256325	6,3 x 25 P25	10	500	1.500
AUE166332	6,3 x 32 P16	10	500	2.000
AUE186332	6,3 x 32 P18	10	500	1.500
AUE166340	6,3 x 40 P16	10	500	1.500
AUE186340	6,3 x 40 P18	10	500	1.500
AUE166350	6,3 x 50 P16	10	500	1.500
AUE186350	6,3 x 50 P18	10	500	1.500
AUE166360	6,3 x 60 P16	10	250	1.000
AUE186360	6,3 x 60 P18	10	250	1.000
AUE166380	6,3 x 80 P16	10	250	750
AUE186380	6,3 x 80 P18	10	250	750
AUE186310	6,3 x 100 P18	10	250	750
AUE186311	6,3 x 110 P18	10	250	500
AUE186312	6,3 x 120 P18	10	100	400
AUE186313	6,3 x 130 P18	10	100	400
AUE186314	6,3 x 140 P18	10	100	400
AUE186315	6,3 x 150 P18	10	100	400

AUE NI + ARVUL

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



CODE	SIZE		
AUEN166325	6,25 x 25 P-16	500	2.000

Vulcanized EPDM-steel washer

ARVUL

METAL



ARVUL

ATLANTIS C2-M coating



CODE	SIZE	WASHER INNER Ø		
ARANE14	P14	2.5	1.000	12.000
ARANE16	P16	2.7	1.000	6.000
ARANE18	P18	3.2	1.000	6.000
ARANE25	P25	3.3	500	3.000



Window box

CODE	SIZE	PCS 	BOXES 
VARANE14	P14	100	8
VARANE16	P16	100	8
VARANE18	P18	100	8
VARANE25	P25	100	8

STAINLESS STEEL



ARVUL A2

A2 Stainless steel



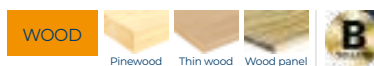
CODE	SIZE	WASHER INNER Ø		
ARINO14	P14	2.5	1.000	12.000
ARINO16	P16	2.7	1.000	6.000
ARINO18	P18	3.2	1.000	6.000
ARINO25	P25	3.3	500	3.000
ARINOM30	P30	6.3	500	1.500

TP

Countersunk head chipboard screw

TP-PO B

Yellow zinc-plated. PZ recess



CODE	SIZE		THREAD LENGHT	MIN. ORDER QTY.		
• TPP025010	2,5 x 10	PZ1	Total	2.000	1.000	45.000
• TPP025012	2,5 x 12	PZ1	Total	2.000	1.000	45.000
• TPP025016	2,5 x 16	PZ1	Total	2.000	1.000	45.000
TPP025020	2,5 x 20	PZ1	Total	2.000	1.000	24.000
TPP025025	2,5 x 25	PZ1	Total	2.000	1.000	24.000
• TPP030012	3 x 12	PZ1	Total	2.000	1.000	45.000
• TPP030016	3 x 16	PZ1	Total	2.000	1.000	24.000
• TPP030020	3 x 20	PZ1	Total	2.000	1.000	24.000
TPP030025	3 x 25	PZ1	Total	2.000	1.000	12.000
TPP030030	3 x 30	PZ1	Total	2.000	1.000	12.000
TPP030040	3 x 40	PZ1	Total	2.000	1.000	6.000
• TPP035016	3,5 x 16	PZ2	Total	2.000	1.000	24.000
• TPP035020	3,5 x 20	PZ2	Total	2.000	1.000	12.000
TPP035025	3,5 x 25	PZ2	Total	2.000	1.000	12.000
TPP035030	3,5 x 30	PZ2	Total	2.000	1.000	12.000
TPP035035	3,5 x 35	PZ2	Total	1.000	500	6.000
TPP035040	3,5 x 40	PZ2	Total	1.000	500	6.000
TPP035050	3,5 x 50	PZ2	Total	500	250	3.000
• TPP040016	4 x 16	PZ2	Total	2.000	1.000	16.000
• TPP040020	4 x 20	PZ2	Total	2.000	1.000	12.000
• TPP040025	4 x 25	PZ2	Total	2.000	1.000	12.000
TPP040030	4 x 30	PZ2	Total	1.000	500	6.000
TPP040035	4 x 35	PZ2	Total	1.000	500	6.000
TPP040040	4 x 40	PZ2	Total	1.000	500	6.000
TPP040045	4 x 45	PZ2	Total	1.000	500	3.000
TPP040050	4 x 50	PZ2	Total	500	250	3.000
TPP040060	4 x 60	PZ2	Total	500	250	3.000
TPP040070	4 x 70	PZ2	Parcial 52	500	250	3.000
• TPP045020	4,5 x 20	PZ2	Total	1.000	500	12.000
• TPP045025	4,5 x 25	PZ2	Total	1.000	500	6.000
• TPP045030	4,5 x 30	PZ2	Total	1.000	500	6.000
TPP045035	4,5 x 35	PZ2	Total	1.000	500	6.000
TPP045040	4,5 x 40	PZ2	Total	1.000	500	3.000
TPP045045	4,5 x 45	PZ2	Total	500	250	3.000
TPP045050	4,5 x 50	PZ2	Total	500	250	3.000
TPP045060	4,5 x 60	PZ2	Total	500	250	3.000
TPP045070	4,5 x 70	PZ2	Parcial 52	500	250	1.500
TPP045080	4,5 x 80	PZ2	Parcial 52	200	100	1.200
• TPP050020	5 x 20	PZ2	Total	1.000	500	6.000
• TPP050025	5 x 25	PZ2	Total	1.000	500	6.000
• TPP050030	5 x 30	PZ2	Total	500	250	6.000
TPP050035	5 x 35	PZ2	Total	500	250	3.000
TPP050040	5 x 40	PZ2	Total	500	250	3.000
TPP050045	5 x 45	PZ2	Total	500	250	3.000
TPP050050	5 x 50	PZ2	Total	500	250	3.000
TPP050060	5 x 60	PZ2	Total	500	250	1.500
TPP050070	5 x 70	PZ2	Parcial 52	200	100	1.200
TPP050080	5 x 80	PZ2	Parcial 52	200	100	1.200
TPP050090	5 x 90	PZ2	Parcial 60	200	100	1.200
TPP050100	5 x 100	PZ2	Parcial 60	200	100	1.200
TPP050120	5 x 120	PZ2	Parcial 75	200	100	1.200
• TPP060040	6 x 40	PZ3	Total	500	250	3.000
TPP060050	6 x 50	PZ3	Total	500	250	1.500
TPP060060	6 x 60	PZ3	Total	500	250	1.500
TPP060070	6 x 70	PZ3	Parcial 52	200	100	1.200
TPP060080	6 x 80	PZ3	Parcial 52	200	100	1.200
TPP060090	6 x 90	PZ3	Parcial 60	200	100	1.200
TPP060100	6 x 100	PZ3	Parcial 60	100	100	1.200
TPP060110	6 x 110	PZ3	Parcial 70	100	100	600
TPP060120	6 x 120	PZ3	Parcial 70/75	100	100	600
TPP060130	6 x 130	PZ3	Parcial 70/75	100	100	600
TPP060140	6 x 140	PZ3	Parcial 70/75	100	100	600
TPP060150	6 x 150	PZ3	Parcial 70/75	100	100	600
TPP060160	6 x 160	PZ3	Parcial 70/75	100	100	400
TPP060180	6 x 180	PZ3	Parcial 70/75	100	100	300
TPP060200	6 x 200	PZ3	Parcial 70/75	100	100	300
TPP060220	6 x 220	PZ3	Parcial 70/75	100	100	300

• Non-assessed sizes

Countersunk head chipboard screw

TP



Blister

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



Window box

CODE	SIZE	PCS	BOXES
VTTP030016	3 x 16	250	8
VTTP030020	3 x 20	250	8
VTTP030025	3 x 25	250	8
VTTP030030	3 x 30	250	8
VTTP030040	3 x 40	250	8
VTTP035016	3,5 x 16	250	8
VTTP035020	3,5 x 20	250	8
VTTP035025	3,5 x 25	250	8
VTTP035030	3,5 x 30	250	8
VTTP035035	3,5 x 35	150	8
VTTP035040	3,5 x 40	150	8
VTTP035050	3,5 x 50	100	8
VTTP040016	4 x 16	250	8
VTTP040020	4 x 20	250	8
VTTP040025	4 x 25	250	8
VTTP040030	4 x 30	175	8
VTTP040035	4 x 35	150	8
VTTP040040	4 x 40	150	8
VTTP040045	4 x 45	150	8
VTTP040050	4 x 50	100	8
VTTP040060	4 x 60	100	8
VTTP045030	4,5 x 30	150	8
VTTP045035	4,5 x 35	150	8
VTTP045040	4,5 x 40	150	8
VTTP045045	4,5 x 45	90	8
VTTP045050	4,5 x 50	100	8
VTTP045060	4,5 x 60	80	8
VTTP045070	4,5 x 70	60	8
VTTP050030	5 x 30	100	8
VTTP050035	5 x 35	100	8
VTTP050040	5 x 40	100	8
VTTP050050	5 x 50	100	8
VTTP050060	5 x 60	80	8
VTTP050070	5 x 70	35	8
VTTP050080	5 x 80	30	8
VTTP050090	5 x 90	30	8
VTTP060040	6 x 40	100	8
VTTP060050	6 x 50	80	8
VTTP060060	6 x 60	60	8
VTTP060070	6 x 70	30	8
VTTP060080	6 x 80	30	8

TP-PO B

Yellow zinc-plated. PZ recess



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TP

Countersunk head chipboard screw

TP-PO Z

Zinc-plated. PZ recess



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



PZ

CODE	SIZE		THREAD LENGHT	MIN. ORDER QTY.		
• TPPOZ25010	2,5 x 10	PZ1	Total	2.000	1.000	45.000
• TPPOZ25012	2,5 x 12	PZ1	Total	2.000	1.000	45.000
• TPPOZ25016	2,5 x 16	PZ1	Total	2.000	1.000	45.000
TPPOZ25020	2,5 x 20	PZ1	Total	2.000	1.000	24.000
TPPOZ25025	2,5 x 25	PZ1	Total	2.000	1.000	24.000
• TPPOZ30012	3 x 12	PZ1	Total	2.000	1.000	45.000
• TPPOZ30016	3 x 16	PZ1	Total	2.000	1.000	24.000
• TPPOZ30020	3 x 20	PZ1	Total	2.000	1.000	24.000
TPPOZ30025	3 x 25	PZ1	Total	2.000	1.000	12.000
TPPOZ30030	3 x 30	PZ1	Total	2.000	1.000	12.000
TPPOZ30040	3 x 40	PZ1	Total	2.000	1.000	6.000
• TPPOZ35016	3,5 x 16	PZ2	Total	2.000	1.000	24.000
• TPPOZ35020	3,5 x 20	PZ2	Total	2.000	1.000	12.000
TPPOZ35025	3,5 x 25	PZ2	Total	2.000	1.000	12.000
TPPOZ35030	3,5 x 30	PZ2	Total	2.000	1.000	12.000
TPPOZ35035	3,5 x 35	PZ2	Total	1.000	500	6.000
TPPOZ35040	3,5 x 40	PZ2	Total	1.000	500	6.000
TPPOZ35050	3,5 x 50	PZ2	Total	500	250	3.000
• TPPOZ40016	4 x 16	PZ2	Total	2.000	1.000	16.000
• TPPOZ40020	4 x 20	PZ2	Total	2.000	1.000	12.000
• TPPOZ40025	4 x 25	PZ2	Total	2.000	1.000	12.000
TPPOZ40030	4 x 30	PZ2	Total	1.000	500	6.000
TPPOZ40035	4 x 35	PZ2	Total	1.000	500	6.000
TPPOZ40040	4 x 40	PZ2	Total	1.000	500	6.000
TPPOZ40045	4 x 45	PZ2	Total	1.000	500	3.000
TPPOZ40050	4 x 50	PZ2	Total	500	250	3.000
TPPOZ40060	4 x 60	PZ2	Total	500	250	3.000
TPPOZ40070	4 x 70	PZ2	Parcial 52	500	250	1.500
• TPPOZ45020	4,5 x 20	PZ2	Total	1.000	500	12.000
• TPPOZ45025	4,5 x 25	PZ2	Total	1.000	500	6.000
• TPPOZ45030	4,5 x 30	PZ2	Total	1.000	500	6.000
TPPOZ45035	4,5 x 35	PZ2	Total	1.000	500	6.000
TPPOZ45040	4,5 x 40	PZ2	Total	1.000	500	3.000
TPPOZ45045	4,5 x 45	PZ2	Total	500	250	3.000
TPPOZ45050	4,5 x 50	PZ2	Total	500	250	3.000
TPPOZ45060	4,5 x 60	PZ2	Total	500	250	3.000
TPPOZ45070	4,5 x 70	PZ2	Parcial 52	500	250	1.500
TPPOZ45080	4,5 x 80	PZ2	Parcial 52	200	100	1.200
• TPPOZ50020	5 x 20	PZ2	Total	1.000	500	6.000
• TPPOZ50025	5 x 25	PZ2	Total	1.000	500	6.000
• TPPOZ50030	5 x 30	PZ2	Total	500	250	6.000
TPPOZ50035	5 x 35	PZ2	Total	500	250	3.000
TPPOZ50040	5 x 40	PZ2	Total	500	250	3.000
TPPOZ50045	5 x 45	PZ2	Total	500	250	3.000
TPPOZ50050	5 x 50	PZ2	Total	500	250	3.000
TPPOZ50060	5 x 60	PZ2	Total	500	250	1.500
TPPOZ50070	5 x 70	PZ2	Parcial 52	200	100	1.200
TPPOZ50080	5 x 80	PZ2	Parcial 52	200	100	1.200
TPPOZ50090	5 x 90	PZ2	Parcial 60	200	100	1.200
TPPOZ50100	5 x 100	PZ2	Parcial 60	200	100	1.200
TPPOZ50120	5 x 120	PZ2	Parcial 75	200	100	1.200
• TPPOZ60040	6 x 40	PZ3	Total	500	250	3.000
TPPOZ60050	6 x 50	PZ3	Total	500	250	1.500
TPPOZ60060	6 x 60	PZ3	Total	500	250	1.500
TPPOZ60070	6 x 70	PZ3	Parcial 52	200	100	1.200
TPPOZ60080	6 x 80	PZ3	Parcial 52	200	100	1.200
TPPOZ60090	6 x 90	PZ3	Parcial 60	200	100	1.200
TPPOZ60100	6 x 100	PZ3	Parcial 60	100	100	1.200
TPPOZ60110	6 x 110	PZ3	Parcial 70	100	100	600

• Non-assessed sizes

Countersunk head chipboard screw

TP



Window box

CODE	SIZE	PCS	BOXES
VTPOZ30025	3 x 25	250	8
VTPOZ30030	3 x 30	250	8
VTPOZ35016	2,5 x 16	250	8
VTPOZ35020	2,5 x 20	250	8
VTPOZ35025	2,5 x 25	250	8
VTPOZ35030	3,5 x 30	250	8
VTPOZ35035	3,5 x 35	150	8
VTPOZ35040	3,5 x 40	150	8
VTPOZ35050	3,5 x 50	100	8
VTPOZ40016	3 x 16	250	8
VTPOZ40020	3 x 20	250	8
VTPOZ40025	4 x 25	250	8
VTPOZ40030	4 x 30	175	8
VTPOZ40035	4 x 35	150	8
VTPOZ40040	4 x 40	150	8
VTPOZ40045	4 x 45	150	8
VTPOZ40050	4 x 50	100	8
VTPOZ40060	4 x 60	100	8
VTPOZ45030	4,5 x 30	150	8
VTPOZ45035	4,5 x 35	150	8
VTPOZ45040	4,5 x 40	150	8
VTPOZ45045	4,5 x 45	90	8
VTPOZ45050	4,5 x 50	100	8
VTPOZ45060	4,5 x 60	80	8
VTPOZ45070	4,5 x 70	60	8
VTPOZ50030	5 x 30	100	8
VTPOZ50035	5 x 35	100	8
VTPOZ50040	5 x 40	100	8
VTPOZ50050	5 x 50	100	8
VTPOZ50060	5 x 60	80	8
VTPOZ50070	5 x 70	35	8
VTPOZ50080	5 x 80	30	8
VTPOZ50090	5 x 90	30	8
VTPOZ60060	6 x 60	60	8
VTPOZ60070	6 x 70	30	8
VTPOZ60080	6 x 80	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

METAL



Available in different colours



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

CODE	SIZE				CODE	SIZE			
T8129006	2,9 x 6,5	PH1	1.000	45.000	T8148025	4,8 x 25	PH2	250	6.000
T8129009	2,9 x 9,5	PH1	1.000	30.000	T8148032	4,8 x 32	PH2	250	4.000
T8129013	2,9 x 13	PH1	1.000	24.000	T8148038	4,8 x 38	PH2	250	3.000
T8129016	2,9 x 16	PH1	1.000	24.000	T8148045	4,8 x 45	PH2	250	3.000
T8129019	2,9 x 19	PH1	1.000	24.000	T8148050	4,8 x 50	PH2	250	3.000
T8129022	2,9 x 22	PH1	1.000	12.000	T8148060	4,8 x 60	PH2	250	1.500
T8129025	2,9 x 25	PH1	500	12.000	T8148070	4,8 x 70	PH2	100	1.200
T8135006	3,5 x 6,5	PH2	1.000	24.000	T8148080	4,8 x 80	PH2	100	1.200
T8135009	3,5 x 9,5	PH2	1.000	24.000	T8148090	4,8 x 90	PH2	100	1.200
T8135013	3,5 x 13	PH2	500	15.000	T8148100	4,8 x 100	PH2	100	1.200
T8135016	3,5 x 16	PH2	500	12.000	T8148110	4,8 x 110	PH2	100	1.200
T8135019	3,5 x 19	PH2	500	12.000	T8148120	4,8 x 120	PH2	100	1.200
T8135025	3,5 x 25	PH2	250	6.000	T8155013	5,5 x 13	PH3	250	6.000
T8135032	3,5 x 32	PH2	250	6.000	T8155016	5,5 x 16	PH3	250	6.000
T8139009	3,9 x 9,5	PH2	500	15.000	T8155019	5,5 x 19	PH3	250	6.000
T8139013	3,9 x 13	PH2	500	12.000	T8155022	5,5 x 22	PH3	250	4.000
T8139016	3,9 x 16	PH2	500	12.000	T8155025	5,5 x 25	PH3	250	4.000
T8139019	3,9 x 19	PH2	500	12.000	T8155032	5,5 x 32	PH3	250	3.000
T8139022	3,9 x 22	PH2	250	6.000	T8155038	5,5 x 38	PH3	250	3.000
T8139025	3,9 x 25	PH2	250	6.000	T8155045	5,5 x 45	PH3	250	3.000
T8139032	3,9 x 32	PH2	250	6.000	T8155050	5,5 x 50	PH3	250	1.500
T8139038	3,9 x 38	PH2	250	6.000	T8155060	5,5 x 60	PH3	100	1.200
T8139045	3,9 x 45	PH2	250	3.000	T8155070	5,5 x 70	PH3	100	1.200
T8139050	3,9 x 50	PH2	250	3.000	T8155080	5,5 x 80	PH3	100	1.200
T8142009	4,2 x 9,5	PH2	500	12.000	T8155090	5,5 x 90	PH3	100	1.200
T8142013	4,2 x 13	PH2	500	12.000	T8155100	5,5 x 100	PH3	100	1.200
T8142016	4,2 x 16	PH2	500	12.000	T8155110	5,5 x 110	PH3	100	1.200
T8142019	4,2 x 19	PH2	500	8.000	T8155120	5,5 x 120	PH3	100	1.200
T8142022	4,2 x 22	PH2	250	6.000	T8163016	6,3 x 16	PH3	250	4.000
T8142025	4,2 x 25	PH2	250	6.000	T8163019	6,3 x 19	PH3	250	3.000
T8142032	4,2 x 32	PH2	250	6.000	T8163022	6,3 x 22	PH3	250	3.000
T8142038	4,2 x 38	PH2	250	3.000	T8163025	6,3 x 25	PH3	250	3.000
T8142045	4,2 x 45	PH2	250	3.000	T8163032	6,3 x 32	PH3	250	3.000
T8142050	4,2 x 50	PH2	250	3.000	T8163038	6,3 x 38	PH3	250	1.500
T8142060	4,2 x 60	PH2	250	3.000	T8163045	6,3 x 45	PH3	250	1.500
T8142070	4,2 x 70	PH2	250	1.500	T8163050	6,3 x 50	PH3	250	1.500
T8142080	4,2 x 80	PH2	250	1.500	T8163060	6,3 x 60	PH3	100	1.200
T8142090	4,2 x 90	PH2	250	1.500	T8163070	6,3 x 70	PH3	100	1.200
T8148009	4,8 x 9,5	PH2	500	12.000	T8163080	6,3 x 80	PH3	100	1.200
T8148013	4,8 x 13	PH2	500	8.000	T8163090	6,3 x 90	PH3	50	600
T8148016	4,8 x 16	PH2	250	6.000	T8163100	6,3 x 100	PH3	50	600
T8148019	4,8 x 19	PH2	250	6.000	T8163110	6,3 x 110	PH3	50	600
T8148022	4,8 x 22	PH2	250	6.000	T8163120	6,3 x 120	PH3	50	600

Blister

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

Window box

CODE	SIZE	PCS	BOXES
VT8135009	3,5 x 9,5	250	8
VT8135013	3,5 x 13	200	8
VT8135016	3,5 x 16	200	8
VT8135019	3,5 x 19	200	8
VT8135025	3,5 x 25	200	8
VT8139009	2,9 x 9,5	200	8
VT8139013	2,9 x 13	200	8
VT8139016	2,9 x 16	200	8
VT8139019	2,9 x 19	150	8
VT8139022	2,9 x 22	100	8
VT8139025	2,9 x 25	100	8
VT8142009	4,2 x 9,5	200	8
VT8142013	4,2 x 13	200	8
VT8142016	4,2 x 16	200	8
VT8142019	4,2 x 19	150	8
VT8142022	4,2 x 22	100	8
VT8142025	4,2 x 25	100	8
VT8142032	4,2 x 32	100	8
VT8142038	4,2 x 38	75	8
VT8142050	4,2 x 50	50	8
VT8148009	4,8 x 9,5	150	8
VT8148013	4,8 x 13	150	8
VT8148016	4,8 x 16	100	8
VT8148019	4,8 x 19	100	8
VT8148025	4,8 x 25	100	8
VT8148032	4,8 x 32	100	8
VT8148038	4,8 x 38	100	8
VT8148045	4,8 x 45	70	8
VT8148050	4,8 x 50	50	8
VT8148060	4,8 x 60	50	8
VT8148070	4,8 x 70	40	8
VT8148080	4,8 x 80	25	8
VT8155019	3,5 x 19	100	8
VT8155025	3,5 x 25	90	8
VT8155032	3,5 x 32	100	8
VT8155038	5,5 x 38	75	8

Coach wood screw with hexagonal head

DIN-571



DIN-571

Zinc-plated

CODE	SIZE			
• TB05030	5 x 30	8	200	4.800
• TB05040	5 x 40	8	200	2.400
• TB05050	5 x 50	8	200	2.400
• TB05060	5 x 60	8	200	2.400
• TB06025	6 x 25	10	200	2.400
• TB06030	6 x 30	10	200	2.400
• TB06035	6 x 35	10	200	2.400
• TB06040	6 x 40	10	200	2.400
• TB06045	6 x 45	10	200	2.400
• TB06050	6 x 50	10	200	2.400
• TB06060	6 x 60	10	200	1.200
• TB06070	6 x 70	10	200	1.200
• TB06080	6 x 80	10	200	1.200
• TB06090	6 x 90	10	100	1.200
• TB06100	6 x 100	10	100	1.200
• TB06110	6 x 110	10	100	1.200
• TB06120	6 x 120	10	100	800
• TB07030	7 x 30	12	200	2.400
• TB07040	7 x 40	12	200	1.600
• TB07050	7 x 50	12	200	1.200
• TB07060	7 x 60	12	100	1.200
• TB07070	7 x 70	12	100	1.200
• TB07080	7 x 80	12	100	800
• TB07090	7 x 90	12	100	400
• TB07100	7 x 100	12	100	600
• TB07120	7 x 120	12	100	600
• TB08030	8 x 30	13	200	1.200
• TB08040	8 x 40	13	200	1.200
• TB08045	8 x 45	13	200	1.200
• TB08050	8 x 50	13	200	1.200
• TB08060	8 x 60	13	200	1.200
• TB08070	8 x 70	13	200	800
• TB08080	8 x 80	13	200	800
• TB08090	8 x 90	13	100	600
• TB08100	8 x 100	13	100	600
• TB08110	8 x 110	13	100	600
• TB08120	8 x 120	13	100	600
• TB08130	8 x 130	13	100	400

CODE	SIZE			
• TB08140	8 x 140	13	100	400
• TB08150	8 x 150	13	100	400
• TB08160	8 x 160	13	100	400
• TB08180	8 x 180	13	100	300
• TB08200	8 x 200	13	100	300
• TB10040	10 x 40	17	100	600
• TB10050	10 x 50	17	100	600
• TB10060	10 x 60	17	100	600
• TB10070	10 x 70	17	100	600
• TB10080	10 x 80	17	100	400
• TB10090	10 x 90	17	100	400
• TB10100	10 x 100	17	100	400
• TB10110	10 x 110	17	50	300
• TB10120	10 x 120	17	50	300
• TB10130	10 x 130	17	50	300
• TB10140	10 x 140	17	50	200
• TB10150	10 x 150	17	50	200
• TB10160	10 x 160	17	50	200
• TB10180	10 x 180	17	50	150
• TB10200	10 x 200	17	50	150
• TB12060	12 x 60	19	50	300
• TB12070	12 x 70	19	50	300
• TB12080	12 x 80	19	50	300
• TB12090	12 x 90	19	50	300
• TB12100	12 x 100	19	50	300
• TB12120	12 x 120	19	50	200
• TB12130	12 x 130	19	50	100
• TB12140	12 x 140	19	50	100
• TB12150	12 x 150	19	50	200
• TB12160	12 x 160	19	50	200
• TB12180	12 x 180	19	50	150
• TB12200	12 x 200	19	50	150
• TB12220	12 x 220	19	50	100
• TB12240	12 x 240	19	50	100
• TB12260	12 x 260	19	50	100
• TB14100	14 x 100	22	50	200

• Non-assessed sizes



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

Blister

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

Window box

CODE	SIZE	PCS	BOXES
VTB05040	5 x 40	50	8
VTB05050	5 x 50	50	8
VTB06040	6 x 40	50	8
VTB06050	6 x 50	40	8
VTB06060	6 x 60	30	8
VTB07050	7 x 50	25	8
VTB07060	7 x 60	20	8
VTB07070	7 x 70	20	8
VTB07080	7 x 80	20	8
VTB08050	8 x 50	20	8
VTB08060	8 x 60	20	8
VTB08070	8 x 70	20	8
VTB08080	8 x 80	15	8
VTB08090	8 x 90	10	8
VTB08100	8 x 100	10	8
VTB10070	10 x 70	10	8
VTB10080	10 x 80	10	8
VTB10090	10 x 90	10	8
VTB10100	10 x 100	10	8

DIN-571

Coach wood screw with hexagonal head

DIN-571 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE			
• TBA206040	6 x 40	10	100	2.400
• TBA206050	6 x 50	10	100	1.200
TBA206060	6 x 60	10	100	1.200
TBA206070	6 x 70	10	100	1.200
• TBA208050	8 x 50	13	100	1.200
• TBA208060	8 x 60	13	100	1.200
• TBA208070	8 x 70	13	100	600
TBA208080	8 x 80	13	100	600
• TBA210080	10 x 80	17	100	400

• Non-assessed sizes

571 TR

Full thread



WOOD



CODE	SIZE			
TBR06050	6 x 50	10	200	1.200
TBR06060	6 x 60	10	200	1.200
TBR06070	6 x 70	10	200	1.200
TBR08050	8 x 50	13	200	1.200
TBR08060	8 x 60	13	200	800
TBR08070	8 x 70	13	200	800
TBR08080	8 x 80	13	200	800
TBR10060	10 x 60	17	100	600
TBR10080	10 x 80	17	100	400

Hexagonal head bolt 8.8. Full thread

DIN-933

METAL



DIN-933

Zinc-plated

CODE	SIZE			
D93304008	M4 x 8	7	500	22.500
D93304010	M4 x 10	7	500	22.500
D93304012	M4 x 12	7	500	12.000
D93304016	M4 x 16	7	500	12.000
D93304020	M4 x 20	7	500	12.000
D93304025	M4 x 25	7	500	6.000
D93304030	M4 x 30	7	500	6.000
D93304035	M4 x 35	7	250	6.000
D93304040	M4 x 40	7	250	3.000
D93304045	M4 x 45	7	250	3.000
D93304050	M4 x 50	7	250	3.000
D93304060	M4 x 60	7	250	3.000
D93305010	M5 x 10	8	500	12.000
D93305012	M5 x 12	8	500	12.000
D93305016	M5 x 16	8	500	6.000
D93305020	M5 x 20	8	500	6.000
D93305025	M5 x 25	8	500	6.000
D93305030	M5 x 30	8	500	6.000
D93305035	M5 x 35	8	250	3.000
D93305040	M5 x 40	8	250	3.000
D93305045	M5 x 45	8	250	3.000
D93305050	M5 x 50	8	250	3.000
D93305060	M5 x 60	8	250	1.500
D93305070	M5 x 70	8	250	3.000
D93306010	M6 x 10	10	250	6.000
D93306012	M6 x 12	10	250	6.000
D93306016	M6 x 16	10	250	6.000
D93306020	M6 x 20	10	250	3.000
D93306025	M6 x 25	10	250	3.000
D93306030	M6 x 30	10	250	3.000
D93306035	M6 x 35	10	250	3.000
D93306040	M6 x 40	10	250	3.000
D93306045	M6 x 45	10	250	1.500
D93306050	M6 x 50	10	250	1.500
D93306060	M6 x 60	10	100	1.200
D93306065	M6 x 65	10	100	600
D93306070	M6 x 70	10	100	1.200
D93308016	M8 x 16	13	200	2.400
D93308020	M8 x 20	13	200	1.600
D93308025	M8 x 25	13	200	1.600
D93308030	M8 x 30	13	200	1.200
D93308035	M8 x 35	13	200	1.200
D93308040	M8 x 40	13	200	1.200
D93308045	M8 x 45	13	200	1.200
D93308050	M8 x 50	13	200	800
D93308060	M8 x 60	13	200	800
D93308070	M8 x 70	13	200	800
D93308080	M8 x 80	13	100	600
D93308090	M8 x 90	13	100	600
D93308100	M8 x 100	13	100	400
D93308110	M8 x 110	13	100	400
D93308120	M8 x 120	13	100	400
D93310016	M10 x 16	17	200	1.200
D93310020	M10 x 20	17	200	1.200
D93310025	M10 x 25	17	200	1.200
D93310030	M10 x 30	17	200	800
D93310035	M10 x 35	17	200	1.200
D93310040	M10 x 40	17	200	800
D93310045	M10 x 45	17	200	800
D93310050	M10 x 50	17	200	800
D93310060	M10 x 60	17	100	600
D93310070	M10 x 70	17	100	400
D93310080	M10 x 80	17	100	400
D93310090	M10 x 90	17	50	300

CODE	SIZE			
D93310100	M10 x 100	17	50	300
D93312020	M12 x 20	19	100	1.200
D93312025	M12 x 25	19	100	600
D93312030	M12 x 30	19	100	600
D93312035	M12 x 35	19	100	600
D93312040	M12 x 40	19	100	600
D93312045	M12 x 45	19	100	600
D93312050	M12 x 50	19	100	400
D93312060	M12 x 60	19	100	400
D93312070	M12 x 70	19	100	400
D93312080	M12 x 80	19	50	300
D93312090	M12 x 90	19	50	300
D93312100	M12 x 100	19	25	300
D93312110	M12 x 110	19	25	300
D93312120	M12 x 120	19	25	300
D93314030	M14 x 30	22	50	400
D93314035	M14 x 35	22	50	300
D93314040	M14 x 40	22	50	300
D93314045	M14 x 45	22	50	300
D93314050	M14 x 50	22	50	300
D93314060	M14 x 60	22	50	300
D93314070	M14 x 70	22	50	300
D93314080	M14 x 80	22	25	150
D93314090	M14 x 90	22	25	150
D93314100	M14 x 100	22	25	150
D93314110	M14 x 110	22	25	150
D93314120	M14 x 120	22	25	150
D93316030	M16 x 30	24	50	300
D93316035	M16 x 35	24	50	300
D93316040	M16 x 40	24	50	300
D93316045	M16 x 45	24	50	300
D93316050	M16 x 50	24	50	300
D93316060	M16 x 60	24	50	200
D93316070	M16 x 70	24	25	150
D93316080	M16 x 80	24	25	150
D93316090	M16 x 90	24	25	150
D93316100	M16 x 100	24	25	150
D93316110	M16 x 110	24	25	150
D93316120	M16 x 120	24	25	150
D93318030	M18 x 30	27	25	150
D93318035	M18 x 35	27	25	300
D93318040	M18 x 40	27	25	300
D93318045	M18 x 45	27	25	300
D93318050	M18 x 50	27	25	150
D93318060	M18 x 60	27	25	150
D93318070	M18 x 70	27	25	150
D93318080	M18 x 80	27	25	150
D93318090	M18 x 90	27	25	150
D93318100	M18 x 100	27	25	150
D93318110	M18 x 110	27	25	100
D93318120	M18 x 120	27	25	100
D93320030	M20 x 30	30	25	150
D93320035	M20 x 35	30	25	150
D93320040	M20 x 40	30	25	150
D93320045	M20 x 45	30	25	150
D93320050	M20 x 50	30	25	150
D93320060	M20 x 60	30	25	150
D93320070	M20 x 70	30	25	100
D93320080	M20 x 80	30	10	120
D93320090	M20 x 90	30	10	60
D93320100	M20 x 100	30	10	60
D93320110	M20 x 110	30	10	60
D93320120	M20 x 120	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			
D933IM04010	M4 x 10	7	500	12.000
D933IM04016	M4 x 16	7	500	12.000
D933IM04020	M4 x 20	7	500	8.000
D933IM04025	M4 x 25	7	500	8.000
D933IM04030	M4 x 30	7	500	6.000
D933IM04035	M4 x 35	7	250	6.000
D933IM04040	M4 x 40	7	250	6.000
D933IM05010	M5 x 10	8	500	8.000
D933IM05016	M5 x 16	8	500	-
D933IM05020	M5 x 20	8	500	6.000
D933IM05025	M5 x 25	8	500	4.000
D933IM05030	M5 x 30	8	500	4.000
D933IM05035	M5 x 35	8	250	3.000
D933IM05040	M5 x 40	8	250	3.000
D933IM05050	M5 x 50	8	250	3.000
D933IM06010	M6 x 10	10	250	6.000
D933IM06016	M6 x 16	10	250	4.000
D933IM06020	M6 x 20	10	250	4.000
D933IM06025	M6 x 25	10	250	3.000
D933IM06030	M6 x 30	10	250	3.000
D933IM06035	M6 x 35	10	250	2.000
D933IM06040	M6 x 40	10	250	2.000
D933IM06050	M6 x 50	10	250	1.500
D933IM08016	M8 x 16	13	200	1.600
D933IM08020	M8 x 20	13	200	1.600
D933IM08025	M8 x 25	13	200	1.600
D933IM08030	M8 x 30	13	200	1.200
D933IM08035	M8 x 35	13	200	1.200
D933IM08040	M8 x 40	13	200	1.200
D933IM08050	M8 x 50	13	200	800
D933IM08060	M8 x 60	13	200	800
D933IM08070	M8 x 70	13	200	800
D933IM08080	M8 x 80	13	100	600
D933IM08090	M8 x 90	13	100	600
D933IM08100	M8 x 100	13	100	600
D933IM10020	M10 x 20	17	200	800
D933IM10025	M10 x 25	17	200	800
D933IM10030	M10 x 30	17	200	800
D933IM10035	M10 x 35	17	200	800

CODE	SIZE			
D933IM10040	M10 x 40	17	200	-
D933IM10050	M10 x 50	17	200	-
D933IM10060	M10 x 60	17	100	600
D933IM10070	M10 x 70	17	100	400
D933IM10080	M10 x 80	17	100	400
D933IM10090	M10 x 90	17	50	300
D933IM10100	M10 x 100	17	50	300
D933IM12020	M12 x 20	19	100	600
D933IM12030	M12 x 30	19	100	600
D933IM12040	M12 x 40	19	100	400
D933IM12050	M12 x 50	19	100	400
D933IM12060	M12 x 60	19	100	400
D933IM12070	M12 x 70	19	100	-
D933IM12080	M12 x 80	19	50	300
D933IM12090	M12 x 90	19	50	300
D933IM12100	M12 x 100	19	25	150
D933IM14030	M14 x 30	22	50	300
D933IM14040	M14 x 40	22	50	300
D933IM14050	M14 x 50	22	50	300
D933IM14060	M14 x 60	22	50	200
D933IM14070	M14 x 70	22	50	200
D933IM14080	M14 x 80	22	25	150
D933IM14100	M14 x 100	22	25	150
D933IM16030	M16 x 30	24	50	300
D933IM16040	M16 x 40	24	50	200
D933IM16050	M16 x 50	24	50	200
D933IM16060	M16 x 60	24	50	200
D933IM16070	M16 x 70	24	25	150
D933IM16080	M16 x 80	24	25	150
D933IM16090	M16 x 90	24	25	150
D933IM16100	M16 x 100	24	25	100
D933IM18030	M18 x 30	27	25	100
D933IM18040	M18 x 40	27	25	200
D933IM18050	M18 x 50	27	25	150
D933IM18060	M18 x 60	27	25	150
D933IM18070	M18 x 70	27	25	100
D933IM18080	M18 x 80	27	25	100
D933IM18090	M18 x 90	27	25	100
D933IM18100	M18 x 100	27	25	100

Blister

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

Window box

CODE	SIZE	PCS	BOXES
VD933I04010	M4 x 10	40	8
VD933I04016	M4 x 16	40	8
VD933I04020	M4 x 20	40	8
VD933I04030	M4 x 30	30	8
VD933I04040	M4 x 40	25	8
VD933I05010	M5 x 10	40	8
VD933I05016	M5 x 16	40	8
VD933I05020	M5 x 20	40	8
VD933I05030	M5 x 30	20	8
VD933I05040	M5 x 40	20	8
VD933I05050	M5 x 50	10	8
VD933I06010	M6 x 10	30	8
VD933I06016	M6 x 16	30	8
VD933I06020	M6 x 20	30	8
VD933I06025	M6 x 25	25	8
VD933I06030	M6 x 30	25	8
VD933I06040	M6 x 40	15	8
VD933I06050	M6 x 50	10	8
VD933I08016	M8 x 16	20	8
VD933I08020	M8 x 20	20	8
VD933I08025	M8 x 25	20	8
VD933I08030	M8 x 30	15	8
VD933I08040	M8 x 40	10	8
VD933I08050	M8 x 50	10	8
VD933I08060	M8 x 60	10	8
VD933I10020	M10 x 20	10	8
VD933I10030	M10 x 30	10	8
VD933I10040	M10 x 40	10	8
VD933I10050	M10 x 50	10	8
VD933I10060	M10 x 60	10	8

Hexagonal nut

DIN-934

METAL



DIN-934

Zinc-plated



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

CODE	SIZE	INSTALLATION KEY		
D93403	M3	5,5	500	22.500
D93404	M4	7	1.000	45.000
D93405	M5	8	500	12.000
D93406	M6	10	500	12.000
D93408	M8	13	250	6.000
D93410	M10	17	250	3.000
D93412	M12	19	250	1.500
D93414	M14	22	100	1.200
D93416	M16	24	100	600
D93418	M18	27	100	600
D93420	M20	30	50	600
D93422	M22	32	50	300
D93424	M24	36	25	300
D93427	M27	41	25	150
D93430	M30	46	25	150
D93433	M33	50	10	120
D93436	M36	55	10	60



Blister



Window box

CODE	SIZE	PCS 	BAGS 
BZ934ZM03	M3	40	20
BZ934ZM04	M4	40	20
BZ934ZM05	M5	40	20
BZ934ZM06	M6	20	20
BZ934ZM08	M8	10	20
BZ934ZM10	M10	10	15
BZ934ZM12	M12	6	15

CODE	SIZE	PCS 	BOXES 
VD93403	M3	150	8
VD93404	M4	150	8
VD93405	M5	100	8
VD93406	M6	100	8
VD93408	M8	50	8
VD93410	M10	30	8
VD93412	M12	20	8

STAINLESS STEEL



DIN-934 A2

A2 Stainless steel



CODE	SIZE	INSTALLATION KEY		
D934IM04	M4	7	500	22.500
D934IM05	M5	8	500	12.000
D934IM06	M6	10	500	12.000
D934IM08	M8	13	250	4.000
D934IM10	M10	17	250	2.000
D934IM12	M12	19	250	1.500
D934IM14	M14	22	100	800
D934IM16	M16	24	100	600
D934IM18	M18	27	100	600
D934IM20	M20	30	50	400
D934IM22	M22	32	50	300
D934IM24	M24	36	25	200



Blister



Window box

CODE	SIZE	PCS 	BAGS 
BZ934IM04	M4	10	20
BZ934IM05	M5	8	20
BZ934IM06	M6	8	20
BZ934IM08	M8	6	20
BZ934IM10	M10	5	15

CODE	SIZE	PCS 	BOXES 
VD934IM04	M4	50	8
VD934IM05	M5	50	8
VD934IM06	M6	50	8
VD934IM08	M8	30	8
VD934IM10	M10	20	8

DIN-985

Nylon insert nut

DIN-985

Zinc-plated



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

METAL



CODE	SIZE	INSTALLATION KEY		
DZ98503	M3	5,5	500	22.500
DZ98504	M4	7	500	12.000
DZ98505	M5	8	500	12.000
DZ98506	M6	10	500	12.000
DZ98508	M8	13	250	6.000
DZ98510	M10	17	250	2.000
DZ98512	M12	19	100	1.200
DZ98514	M14	22	100	1.200
DZ98516	M16	24	50	600
DZ98518	M18	27	50	600
DZ98520	M20	30	25	300
DZ98522	M22	32	25	300
DZ98524	M24	36	25	300
DZ98527	M27	41	15	180
DZ98530	M30	46	15	90



Blister

CODE	SIZE	PCS	BAGS
BZZ98503	M3	20	20
BZZ98504	M4	20	20
BZZ98505	M5	20	20
BZZ98506	M6	10	20
BZZ98508	M8	5	20
BZZ98510	M10	5	15
BZZ98512	M12	3	15



Window box

CODE	SIZE	PCS	BOXES
VDZ98503	M3	100	8
VDZ98504	M4	100	8
VDZ98505	M5	100	8
VDZ98506	M6	80	8
VDZ98508	M8	50	8
VDZ98510	M10	25	8
VDZ98512	M12	15	8

DIN-985 A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	INSTALLATION KEY		
D985IM04	M4	7	500	22.500
D985IM05	M5	8	500	8.000
D985IM06	M6	10	500	8.000
D985IM08	M8	13	250	4.000
D985IM10	M10	17	250	2.000
D985IM12	M12	19	100	1.200
D985IM14	M14	22	100	800
D985IM16	M16	24	50	600
D985IM18	M18	27	50	400
D985IM20	M20	30	25	300
D985IM22	M22	32	25	300
D985IM24	M24	36	25	150

Hexagonal flange nut with serration

DIN-6923

METAL



CODE	SIZE	INSTALLATION KEY		
D692304	M4	7	500	15.000
D692305	M5	8	500	12.000
D692306	M6	10	500	8.000
D692308	M8	13	250	3.000
D692310	M10	15	250	2.000
D692312	M12	18	250	1.000
D692314	M14	21	100	600
D692316	M16	24	100	400

DIN-6923

Zinc-plated



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

METAL



CODE	SIZE	INSTALLATION KEY	N° RECESS		
D6923IM08	M8	13	13	250	3.000
D6923IM10	M10	15	17	250	3.000
D6923IM12	M12	18	19	250	1.500

DIN-6923 A2

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



DIN-125

Plain washer

DIN-125

Zinc-plated

METAL



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

CODE	SIZE		
D12503	M3	1.000	45.000
D12504	M4	1.000	45.000
D12505	M5	1.000	45.000
D12506	M6	500	22.500
D12508	M8	250	11.250
D12510	M10	250	6.000
D12512	M12	250	3.000
D12514	M14	200	2.400
D12516	M16	100	1.600
D12518	M18	100	2.400
D12520	M20	50	1.200
D12522	M22	50	1.200
D12524	M24	50	600
D12527	M27	50	600
D12530	M30	50	300
D12533	M33	50	300
D12536	M36	25	300



Blister

CODE	SIZE	PCS 	BAGS 
BZ125ZM03	M3	40	20
BZ125ZM04	M4	40	20
BZ125ZM05	M5	40	20
BZ125ZM06	M6	20	20
BZ125ZM08	M8	10	20
BZ125ZM10	M10	10	20
BZ125ZM12	M12	6	20



Window box

CODE	SIZE	PCS 	BOXES 
VD12503	M3	200	8
VD12504	M4	200	8
VD12505	M5	150	8
VD12506	M6	100	8
VD12508	M8	75	8
VD12510	M10	75	8
VD12512	M12	50	8

DIN-125 A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE		
D125IM04	M4	500	22.500
D125IM05	M5	500	22.500
D125IM06	M6	500	22.500
D125IM08	M8	250	11.250
D125IM10	M10	250	6.000
D125IM12	M12	250	3.000
D125IM14	M14	200	2.400
D125IM16	M16	100	2.400
D125IM18	M18	100	1.600
D125IM20	M20	50	1.200
D125IM22	M22	50	1.200
D125IM24	M24	50	600



Blister

CODE	SIZE	PCS 	BAGS 
BZ125IM04	M4	10	20
BZ125IM05	M5	8	20
BZ125IM06	M6	8	20
BZ125IM08	M8	6	20
BZ125IM10	M10	5	20



Window box

CODE	SIZE	PCS 	BOXES 
VD125IM04	M4	100	8
VD125IM05	M5	75	8
VD125IM06	M6	75	8
VD125IM08	M8	50	8
VD125IM10	M10	50	8

Wide plain washer

DIN-9021

METAL



DIN-9021

Zinc-plated



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

CODE	SIZE		
D902103	M3	500	22.500
D902104	M4	500	12.000
D902105	M5	500	12.000
D902106	M6	500	12.000
D902108	M8	200	4.800
D902110	M10	100	2.400
D902112	M12	100	1.200
D902114	M14	100	800
D902116	M16	50	600
D902118	M18	50	600
D902120	M20	25	300
D902122	M22	25	300
D902124	M24	25	150



Blister



Window box

CODE	SIZE	PCS 	BAGS 
BZ902103	M3	20	20
BZ902104	M4	20	20
BZ902105	M5	20	20
BZ902106	M6	10	20
BZ902108	M8	5	20
BZ902110	M10	5	20
BZ902112	M12	4	20

CODE	SIZE	PCS 	BOXES 
VD902103	M3	125	8
VD902104	M4	125	8
VD902105	M5	125	8
VD902106	M6	100	8
VD902108	M8	50	8
VD902110	M10	30	8
VD902112	M12	15	8

STAINLESS STEEL



DIN-9021 A2

A2 Stainless steel



CODE	SIZE		
D9021IM04	M4	500	22.500
D9021IM05	M5	500	12.000
D9021IM06	M6	500	8.000
D9021IM08	M8	200	4.800
D9021IM10	M10	100	1.600
D9021IM12	M12	100	800
D9021IM14	M14	100	800
D9021IM16	M16	50	600
D9021IM18	M18	50	400
D9021IM20	M20	25	300
D9021IM22	M22	25	200
D9021IM24	M24	25	150



Blister



Window box

CODE	SIZE	PCS 	BAGS 
BZ9021IM04	M4	10	20
BZ9021IM05	M5	8	20
BZ9021IM06	M6	8	20
BZ9021IM08	M8	6	20
BZ9021IM10	M10	5	20

CODE	SIZE	PCS 	BOXES 
VD9021IM04	M4	100	8
VD9021IM05	M5	75	8
VD9021IM06	M6	75	8
VD9021IM08	M8	40	8
VD9021IM10	M10	20	8

PUN

Bits

PU-PH

PH



CODE	SIZE			
PUPHC01	PH1	PH1	25	1.125
PUPHL01	PH1	PH1	25	1.125
PUPHC02	PH2	PH2	25	1.125
PUPHL02	PH2	PH2	25	1.125
PUPHC03	PH3	PH3	25	1.125
PUPHL03	PH3	PH3	25	1.125



CODE	SIZE	PCS	BAGS
BZPUPHCL01	PH1	4	20
BZPUPHCL02	PH2	4	20
BZPUPHCL03	PH3	4	20

METAL

PU-TO

TX



CODE	SIZE			
PUT0010	T10	TX10	25	1.125
PUT0015	T15	TX15	25	1.125
PUT0020	T20	TX20	25	1.125
PUT0025	T25	TX25	25	1.125
PUT0030	T30	TX30	25	1.125
PUT0040	T40	TX40	25	1.125



CODE	SIZE	PCS	BAGS
BZPUTOT01	T10 + T20	2	20
BZPUTOT02	T30 + T40	2	20

METAL

PU-OX

OXBIT



CODE	SIZE			
PUOXBTC10	OXB-10	OXB-10	25	1.125
PUOXBTL10	OXB-10	OXB-10	25	1.125
PUOXBTC15	OXB-15	OXB-15	25	1.125
PUOXBTL15	OXB-15	OXB-15	25	1.125
PUOXBTC20	OXB-20	OXB-20	25	1.125
PUOXBTL20	OXB-20	OXB-20	25	1.125
PUOXBTC25	OXB-25	OXB-25	25	1.125
PUOXBTL25	OXB-25	OXB-25	25	1.125
PUOXBTC30	OXB-30	OXB-30	25	1.125
PUOXBTL30	OXB-30	OXB-30	25	1.125
PUOXBTC40	OXB-40	OXB-40	25	1.125
PUOXBTL40	OXB-40	OXB-40	25	1.125

METAL



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.

Bits

PUN

METAL

PU-PO

PZ

CODE	SIZE			
PUPOC01	PZ1	PZ1	25	1.125
PUPOL01	PZ1	PZ1	25	1.125
PUPOC02	PZ2	PZ2	25	1.125
PUPOL02	PZ2	PZ2	25	1.125
PUPOC03	PZ3	PZ3	25	1.125
PUPOL03	PZ3	PZ3	25	1.125



Blister

CODE	SIZE	PCS 	BAGS 
BZPUPOCL01	PZ1	4	20
BZPUPOCL02	PZ2	4	20
BZPUPOCL03	PZ3	4	20



METAL

PU-CU

Square

CODE	SIZE			
PUCUC01	PC1	PC1	25	1.125
PUCUL01	PC1	PC1	25	1.125
PUCUC02	PC2	PC2	25	1.125
PUCUL02	PC2	PC2	25	1.125
PUCUC03	PC3	PC3	25	1.125
PUCUL03	PC3	PC3	25	1.125



Magnetic hexagonal nut setter

BOCA

METAL

CODE	SIZE	INSTALLATION KEY		
BOCA006	6 mm.	1/4"	5	225
BOCA007	7 mm.	1/4"	5	225
BOCA008	8 mm.	1/4"	5	225
BOCA010	10 mm.	1/4"	5	225
BOCA013	13 mm.	1/4"	5	225
BOCA055	5,5 mm.	1/4"	5	225



Blister

CODE	SIZE	PCS 	BAGS 
BZBOCA008	8 mm.	1	20
BZBOCA010	10 mm.	1	20



PU-PM

1/4" magnetic bit holder

PU-PM

1/4" magnetic bit holder



CODE	SIZE		
PUPM014	1/4" x 60	5	225

METAL

NEW

PU-PMI

Stainless steel



CODE	SIZE	MIN. ORDER QTY.		
PUPMI014	1/4" x 60	5	5	225

METAL





INOX



MTH

Through bolt anchor for heavy loads in uncracked concrete

MTH-A2

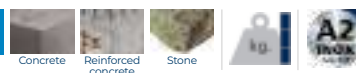
Opt.7 ETA Assessed, A2 Stainless steel shaft, A2 Stainless steel clip



Setting tool

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STAINLESS STEEL



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
• MI06045	M6 x 45 Ø6	1	A	200	1.200
• MI06060	M6 x 60 Ø6	2	B	200	1.200
• MI06080	M6 x 80 Ø6	22	D	200	1.200
• MI06120	M6 x 120 Ø6	62	G	100	600
• MI06140	M6 x 140 Ø6	82	I	100	600
• MI06160	M6 x 160 Ø6	102	J	100	400
• MI06170	M6 x 170 Ø6	112	K	100	400
• MI06180	M6 x 180 Ø6	122	L	100	300
• MI08050	M8 x 50 Ø8	4	A	100	800
MI08075	M8 x 75 Ø8	5	C	100	600
MI08090	M8 x 90 Ø8	20	E	100	600
MI08115	M8 x 115 Ø8	45	G	100	400
MI10070	M10 x 70 Ø10	3	C	100	400
MI10090	M10 x 90 Ø10	10	E	100	400
MI10120	M10 x 120 Ø10	40	G	50	300
MI10150	M10 x 150 Ø10	70	I	50	200
• MI12075	M12 x 75 Ø12	5	C	50	300
MI12090	M12 x 90 Ø12	13	D	50	200
MI12110	M12 x 110 Ø12	18	F	50	200
MI12140	M12 x 140 Ø12	48	I	50	200
• MI16090	M16 x 90 Ø16	4	D	25	150
MI16145	M16 x 145 Ø16	23	I	25	100
MI16170	M16 x 170 Ø16	48	K	25	75
• MI20120	M20 x 120 Ø20	5	G	20	40
MI20170	M20 x 170 Ø20	23	K	20	40
MI20220	M20 x 220 Ø20	73	O	20	40

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

Window box

CODE	SIZE	PCS	BOXES
VMI08075	M8 x 75 Ø8	10	8
VMI08090	M8 x 90 Ø8	10	8
VMI10070	M10 x 70 Ø10	8	8
VMI10090	M10 x 90 Ø10	8	8
VMI10120	M10 x 120 Ø10	6	8
VMI12110	M12 x 110 Ø12	6	8

Through bolt anchor for heavy loads in uncracked concrete

MTH

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STAINLESS STEEL



CODE	SIZE	THICKNESS MAX.FIXTURE (MM)	AXIS LETTER (LENGTH)		
• MIA406045	M6 x 45 Ø6	1	A	200	1.200
• MIA406060	M6 x 60 Ø6	2	B	200	1.200
• MIA406080	M6 x 80 Ø6	22	D	200	1.200
• MIA408050	M8 x 50 Ø8	4	A	100	800
MIA408075	M8 x 75 Ø8	5	C	100	600
MIA408090	M8 x 90 Ø8	20	E	100	600
MIA408115	M8 x 115 Ø8	45	G	100	400
MIA410070	M10 x 70 Ø10	3	C	100	400
MIA410090	M10 x 90 Ø10	10	E	100	400
MIA410120	M10 x 120 Ø10	40	G	50	300
MIA410150	M10 x 150 Ø10	70	I	50	200
• MIA412075	M12 x 75 Ø12	5	C	50	300
MIA412090	M12 x 90 Ø12	13	D	50	200
MIA412110	M12 x 110 Ø12	18	F	50	200
MIA412140	M12 x 140 Ø12	48	I	50	200
• MIA416090	M16 x 90 Ø16	4	D	25	150
MIA416145	M16 x 145 Ø16	23	I	25	100
MIA416170	M16 x 170 Ø16	48	K	25	75
• MIA420120	M20 x 120 Ø20	5	G	20	40
MIA420170	M20 x 170 Ø20	23	K	20	40
MIA420220	M20 x 220 Ø20	73	O	20	40

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

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

Window box

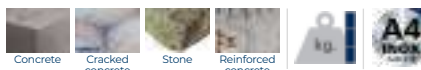
CODE	SIZE	PCS	BOXES
VMIA408075	M8 x 75 Ø8	10	8
VMIA410090	M10 x 90 Ø10	8	8
VMIA412110	M12 x 110 Ø12	6	8

Bimetal concrete screw anchor (Stainless steel A4 body and hardened carbon steel point). Opt.1 ETA Assessed

TX

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Technical
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SOLID



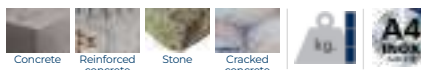
CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	
TXE06040	Ø6 x 40	10	5	100
TXE06060	Ø6 x 60	10	5	100
TXE08070	Ø8 x 70	13	5	50
TXE08080	Ø8 x 80	13	15	25
TXE08090	Ø8 x 90	13	25	25
TXE08105	Ø8 x 105	13	40	25
TXE10070	Ø10 x 70	15	15	50
TXE10090	Ø10 x 90	15	5	25
TXE10100	Ø10 x 100	15	15	25
TXE10120	Ø10 x 120	15	35	25
TXE12080	Ø12 x 80	18	5	25
TXE12110	Ø12 x 110	18	5	25

TXE

Opt.1 ETA Assessed. Hexagon head

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SOLID



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	
TXA08060	Ø8 x 60	TX45	10	50
TXA08080	Ø8 x 80	TX45	15	25
TXA08120	Ø8 x 120	TX45	55	25
TXA10070	Ø10 x 70	TX50	15	50
TXA10090	Ø10 x 90	TX50	5	25
TXA10120	Ø10 x 120	TX50	35	25

TXA NEW

Opt.1 ETA Assessed. Countersunk head



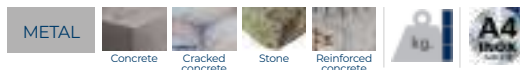
TX

Bimetal concrete screw anchor (Stainless steel A4 body and hardened carbon steel point). Opt.1 ETA Assessed

NEW

TXP

Opt.1 ETA Assessed. Pan head.

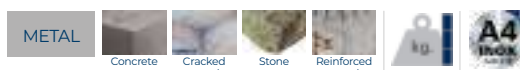


CODE	SIZE		
TXP06050	Ø6 x 50	50	800
TXP06060	Ø6 x 60	50	600
TXP06080	Ø6 x 80	50	400
TXP06100	Ø6 x 100	50	400
TXP08060	Ø8 x 60	25	400
TXP08080	Ø8 x 80	25	400

NEW

TXT

Opt.1 ETA Assessed. Truss head.



CODE	SIZE		
TXT06040	Ø6 x 40	50	1.200
TXT06050	Ø6 x 50	50	1.200
TXT06060	Ø6 x 60	50	800

CH

Anti-spin sleeve anchor for medium loads

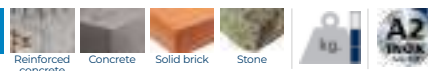
CH-A2

A2 Stainless steel. Opt.7 ETA Assessed



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STAINLESS STEEL



CODE	SIZE		
ACHTA208C	M6 x 45 Ø8	100	1.200
• ACHTA209C	M6 x 45 Ø9	100	1.200
ACHTA208L	M6 x 60 Ø8	100	600
• ACHTA209L	M6 x 60 Ø9	100	600
ACHTA210C	M8 x 60 Ø10	100	600
• ACHTA211C	M8 x 60 Ø11	100	400
ACHTA210L	M8 x 80 Ø10	100	400
• ACHTA211L	M8 x 80 Ø11	100	400
ACHTA212C	M10 x 70 Ø12	100	200
• ACHTA214C	M10 x 70 Ø14	100	300
ACHTA212L	M10 x 100 Ø12	50	200
• ACHTA214L	M10 x 100 Ø14	50	200
ACHTA216C	M12 x 80 Ø16	50	100
ACHTA216L	M12 x 110 Ø16	50	100
ACHTA220C	M16 x 110 Ø20	25	75

• Non-assessed sizes

Window box

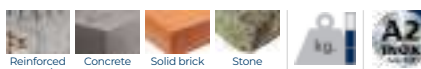
CODE	SIZE	PCS 	BOXES
VACHTA208C	M6 x 45 Ø8	10	8
VACHTA208L	M6 x 60 Ø8	10	8
VACHTA210C	M8 x 60 Ø10	6	8
VACHTA210L	M8 x 80 Ø10	6	8
VACHTA212C	M10 x 70 Ø12	4	8
VACHTA212L	M10 x 100 Ø12	4	8

Anti-spin sleeve anchor for medium loads

CH

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Technical
info

STAINLESS STEEL



CODE	SIZE			
ACHTPI08C	M6 x 45 Ø8	4	100	1.200
ACHTPI08L	M6 x 60 Ø8	4	100	1.200
ACHTPI10C	M8 x 60 Ø10	5	100	600
ACHTPI10L	M8 x 80 Ø10	5	100	400
ACHTPI12C	M10 x 70 Ø12	6	50	300
ACHTPI12L	M10 x 100 Ø12	6	50	300

CH-PI

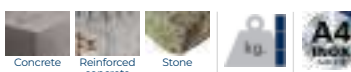
A2 Stainless steel flat head screw. Opt.7
ETA Assessed


Drop-in anchor with internal thread for heavy loads

HE

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Technical
info

STAINLESS STEEL



CODE	SIZE		
HEA4M06	M6 x 25 Ø8	100	4.000
HEA4M08	M8 x 30 Ø10	100	1.600
HEA4M10	M10 x 40 Ø12	50	800
HEA4M12	M12 x 50 Ø15	50	600
HEA4M16	M16 x 65 Ø20	25	250
HEA4M20	M20 x 80 Ø25	25	100

HE-A4

A4 Stainless steel. ETA Assessed for
non-structural applications

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STAINLESS STEEL



CODE	SIZE		
HEC4M06	M6 x 25 Ø8	100	3.200
HEC4M08	M8 x 30 Ø10	100	1.600
HEC4M10	M10 x 40 Ø12	50	800
HEC4M12	M12 x 50 Ø15	50	400

HE-C4

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


Stud bolt for chemical anchor, with nut and washer

EQ

CHEMICAL



CODE	SIZE			CODE	SIZE		
EQA208110	M8 x 110	10	240	EQA220260	M20 x 260	6	12
EQA210130	M10 x 130	10	120	EQA224300	M24 x 300	6	12
EQA212160	M12 x 160	10	120	EQA230330	M30 x 330	6	12
EQA216190	M16 x 190	10	40				

EQ-A2

A2 Stainless steel



EQ

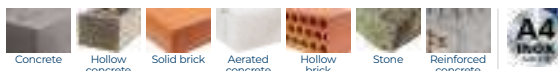
Stud bolt for chemical anchor, with nut and washer

EQ-A4

A4 Stainless steel



CHEMICAL



CODE	SIZE			CODE	SIZE		
EQA408110	M8 x 110	10	240	EQA420260	M20 x 260	6	12
EQA410130	M10 x 130	10	120	EQA424300	M24 x 300	6	12
EQA412160	M12 x 160	10	120	EQA430330	M30 x 330	6	12
EQA416190	M16 x 190	10	40				

T-NUX

Universal high performance nylon plug

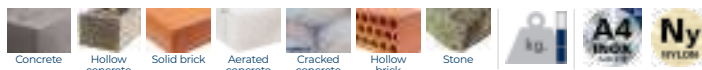
T-NUX A A4

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



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STAINLESS STEEL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)		
•TNXA408080	8 x 80 Ø8	TX30	10	50	600
•TNXA408100	8 x 100 Ø8	TX30	30	50	600
•TNXA408120	8 x 120 Ø8	TX30	50	50	300
TNXA410080	10 x 80 Ø10	TX40	10	50	300
TNXA410100	10 x 100 Ø10	TX40	30	50	300
TNXA410120	10 x 120 Ø10	TX40	50	50	300
TNXA410140	10 x 140 Ø10	TX40	70	50	300

• Non-assessed sizes for Fire Resist

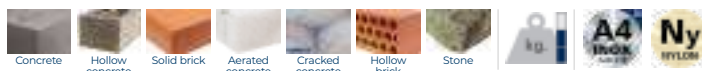
T-NUX E A4

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



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STAINLESS STEEL



CODE	SIZE	N° RECESS	THICKNESS MAX.FIXTURE (MM)		
•TNXE408080	8 x 80 Ø8	SW10/TX30	10	50	600
•TNXE408100	8 x 100 Ø8	SW10/TX30	30	50	300
TNXE410080	10 x 80 Ø10	SW13/TX40	10	50	300
TNXE410100	10 x 100 Ø10	SW13/TX40	30	50	300
TNXE410120	10 x 120 Ø10	SW13/TX40	50	50	300
TNXE410140	10 x 140 Ø10	SW13/TX40	70	50	200

• Non-assessed sizes for Fire Resist

SJ

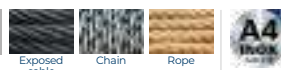
Wire rope clip DIN 741

SJ-A4

A4 Stainless steel



METAL



CODE	SIZE		
SJA42103	M4(Ø3)	50	1.200
SJA42305	M5(Ø5)	40	960
SJA42606	M5(Ø6)	20	900
SJA43008	M6(Ø8)	20	480
SJA43410	M8(Ø10)	10	240
SJA43611	M8(Ø11)	10	240
SJA44414	M10(Ø14)	5	225
SJA45016	M12(Ø16)	5	120
SJA45418	M12(Ø18)	5	80
SJA46122	M14(Ø22)	1	45
SJA46525	M14(Ø25)	1	24

Flat cable clip

SJ-P



CODE	SIZE		
SJPSA40403	M4(Ø3)	30	1.350
SJPSA40504	M5(Ø4)	30	1.350
SJPSA40605	M6(Ø5)	20	900
SJPSA40606	M6(Ø6)	10	450

SJ-PS A4

Single. A4 Stainless steel



CODE	SIZE		
SJPDA40403	M4(Ø3)	30	720
SJPDA40504	M5(Ø4)	30	720
SJPDA40605	M5(Ø5)	20	480
SJPDA40606	M6(Ø6)	10	240

SJ-PD A4

Double. A4 Stainless steel



Turnbuckle hook/ring DIN-1480

TS-GA



CODE	SIZE		
TSGAA405	M5	10	240
TSGAA406	M6	10	120
TSGAA410	M10	5	30
TSGAA412	M12	5	30

TS-GA A4

A4 Stainless steel



Turnbuckle ring/ring DIN-1480

TS-AA



CODE	SIZE		
TSAAA405	M5	10	240
TSAAA406	M6	10	120
TSAAA408	M8	10	60
TSAAA410	M10	5	20
TSAAA412	M12	5	20

TS-AA A4

A4 Stainless steel



Turnbuckle hook/hook DIN-1480

TS-GG



CODE	SIZE		
TSGGA405	M5	10	240
TSGGA406	M6	10	120
TSGGA408	M8	10	-
TSGGA410	M10	5	20
TSGGA412	M12	5	15

TS-GG A4

A4 Stainless steel



EV-H

Ring nut D-582

EV-H A4

A4 Stainless steel



CODE	SIZE		
EVHA406	M6(Ø15)	10	450
EVHA408	M8(Ø20)	10	450
EVHA410	M10(Ø25)	10	240
EVHA412	M12(Ø30)	5	120
EVHA414	M14(Ø30)	5	120
EVHA416	M16(Ø35)	1	-
EVHA420	M20(Ø38)	1	-
EVHA424	M24(Ø50)	1	24

METAL



EV-M

Ring nut D-580

EV-M A4

A4 Stainless steel



CODE	SIZE		
EVMA406	M6 (Ø20)	10	450
EVMA408	M8 (Ø20)	10	450
EVMA410	M10 (Ø25)	10	240
EVMA412	M12(Ø30)	5	120
EVMA414	M14 (Ø35)	5	120
EVMA416	M16 (Ø35)	1	45
EVMA420	M20 (Ø40)	1	-
EVMA424	M24(Ø50)	1	12

METAL



GR

Straight shackle

GR-A4

A4 Stainless steel



CODE	SIZE		
GRA404	M4(Ø08)	25	1.125
GRA405	M5(Ø10)	25	1.125
GRA406	M6(Ø12)	25	600
GRA408	M8(Ø16)	10	240
GRA410	M10(Ø19)	10	120
GRA412	M12(Ø25)	5	60
GRA414	M14(Ø28)	5	60
GRA416	M16(Ø32)	5	40
GRA419	M20(Ø38)	1	-
GRA425	M25(Ø50)	1	-

METAL



GD

Thimble DIN-6899/A

GD-A4

A4 Stainless steel



CODE	SIZE		
GDA402	M2(Ø10)	100	4.500
GDA403	M3(Ø12)	100	4.500
GDA404	M4(Ø13)	50	2.250
GDA405	M5(Ø14)	50	1.200
GDA406	M6(Ø15)	50	1.200
GDA408	M8(Ø18)	50	600
GDA410	M10(Ø22)	25	300
GDA412	M12(Ø26)	10	120
GDA415	M15(Ø32)	5	60

METAL



Lyre shackle

GI



CODE	SIZE		
GIA404	M4(Ø6)	25	1.125
GIA405	M5(Ø8)	25	1.125
GIA406	M6(Ø10)	10	450
GIA408	M8(Ø12)	10	240
GIA410	M10(Ø16)	10	120
GIA412	M12(Ø28)	5	60
GIA414	M14(Ø33)	5	60
GIA416	M16(Ø37)	5	30

GI-A4

A4 Stainless steel



Self-drilling screw with hexagonal head

DIN-7504-K

STAINLESS STEEL



CODE	SIZE			
ABEI4213	4,2 x 13	7	1.000	12.000
ABEI4216	4,2 x 16	7	1.000	8.000
ABEI4219	4,2 x 19	7	1.000	8.000
ABEI4813	4,8 x 13	8	1.000	8.000
ABEI4816	4,8 x 16	8	500	6.000
ABEI4819	4,8 x 19	8	500	6.000
ABEI4825	4,8 x 25	8	500	6.000
ABEI4832	4,8 x 32	8	500	3.000
ABEI5519	5,5 x 19	8	500	6.000
ABEI5522	5,5 x 22	8	500	4.000
ABEI5525	5,5 x 25	8	500	6.000
ABEI6319	6,3 x 19	10	500	3.000
ABEI6325	6,3 x 25	10	500	3.000

DIN-7504-K A2

Screw. A2 Stainless steel



Vulcanized EPDM-steel washer

ARVUL

STAINLESS STEEL



CODE	SIZE	WASHER INNER Ø		
ARINO14	P14	2.5	1.000	12.000
ARINO16	P16	2.7	1.000	6.000
ARINO18	P18	3.2	1.000	6.000
ARINO25	P25	3.3	500	3.000
ARINOM30	P30	6.3	500	1.500

ARVUL A2

A2 Stainless steel



Coach wood screw with hexagonal head

DIN-571

STAINLESS STEEL



CODE	SIZE			
• TBA206040	6 x 40	10	100	2.400
• TBA206050	6 x 50	10	100	1.200
• TBA206060	6 x 60	10	100	1.200
• TBA206070	6 x 70	10	100	1.200
• TBA208050	8 x 50	13	100	1.200
• TBA208060	8 x 60	13	100	1.200
• TBA208070	8 x 70	13	100	600
• TBA208080	8 x 80	13	100	600
• TBA210080	10 x 80	17	100	400

DIN-571 A2

A2 Stainless steel



• Non-assessed sizes

DIN-933

Hexagonal head bolt 8.8. Full thread

DIN-933 A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE			
D933IM04010	M4 x 10	7	500	12.000
D933IM04016	M4 x 16	7	500	12.000
D933IM04020	M4 x 20	7	500	8.000
D933IM04025	M4 x 25	7	500	8.000
D933IM04030	M4 x 30	7	500	6.000
D933IM04035	M4 x 35	7	250	6.000
D933IM04040	M4 x 40	7	250	6.000
D933IM05010	M5 x 10	8	500	8.000
D933IM05016	M5 x 16	8	500	-
D933IM05020	M5 x 20	8	500	6.000
D933IM05025	M5 x 25	8	500	4.000
D933IM05030	M5 x 30	8	500	4.000
D933IM05035	M5 x 35	8	250	3.000
D933IM05040	M5 x 40	8	250	3.000
D933IM05050	M5 x 50	8	250	3.000
D933IM06010	M6 x 10	10	250	6.000
D933IM06016	M6 x 16	10	250	4.000
D933IM06020	M6 x 20	10	250	4.000
D933IM06025	M6 x 25	10	250	3.000
D933IM06030	M6 x 30	10	250	3.000
D933IM06035	M6 x 35	10	250	2.000
D933IM06040	M6 x 40	10	250	2.000
D933IM06050	M6 x 50	10	250	1.500
D933IM08016	M8 x 16	13	200	1.600
D933IM08020	M8 x 20	13	200	1.600
D933IM08025	M8 x 25	13	200	1.600
D933IM08030	M8 x 30	13	200	1.200
D933IM08035	M8 x 35	13	200	1.200
D933IM08040	M8 x 40	13	200	1.200
D933IM08050	M8 x 50	13	200	800
D933IM08060	M8 x 60	13	200	800
D933IM08070	M8 x 70	13	200	800
D933IM08080	M8 x 80	13	100	600
D933IM08090	M8 x 90	13	100	600
D933IM08100	M8 x 100	13	100	600
D933IM10020	M10 x 20	17	200	800
D933IM10025	M10 x 25	17	200	800
D933IM10030	M10 x 30	17	200	800
D933IM10035	M10 x 35	17	200	800

CODE	SIZE			
D933IM10040	M10 x 40	17	200	-
D933IM10050	M10 x 50	17	200	-
D933IM10060	M10 x 60	17	100	600
D933IM10070	M10 x 70	17	100	400
D933IM10080	M10 x 80	17	100	400
D933IM10090	M10 x 90	17	50	300
D933IM10100	M10 x 100	17	50	300
D933IM12020	M12 x 20	19	100	600
D933IM12030	M12 x 30	19	100	600
D933IM12040	M12 x 40	19	100	400
D933IM12050	M12 x 50	19	100	400
D933IM12060	M12 x 60	19	100	400
D933IM12070	M12 x 70	19	100	-
D933IM12080	M12 x 80	19	50	300
D933IM12090	M12 x 90	19	50	300
D933IM12100	M12 x 100	19	25	150
D933IM14030	M14 x 30	22	50	300
D933IM14040	M14 x 40	22	50	300
D933IM14050	M14 x 50	22	50	300
D933IM14060	M14 x 60	22	50	200
D933IM14070	M14 x 70	22	50	200
D933IM14080	M14 x 80	22	25	150
D933IM14100	M14 x 100	22	25	150
D933IM16030	M16 x 30	24	50	300
D933IM16040	M16 x 40	24	50	200
D933IM16050	M16 x 50	24	50	200
D933IM16060	M16 x 60	24	50	200
D933IM16070	M16 x 70	24	25	150
D933IM16080	M16 x 80	24	25	150
D933IM16090	M16 x 90	24	25	150
D933IM16100	M16 x 100	24	25	100
D933IM18030	M18 x 30	27	25	100
D933IM18040	M18 x 40	27	25	200
D933IM18050	M18 x 50	27	25	150
D933IM18060	M18 x 60	27	25	150
D933IM18070	M18 x 70	27	25	100
D933IM18080	M18 x 80	27	25	100
D933IM18090	M18 x 90	27	25	100
D933IM18100	M18 x 100	27	25	100



Blister

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



Window box

CODE	SIZE	PCS	BOXES
VD933I04010	M4 x 10	40	8
VD933I04016	M4 x 16	40	8
VD933I04020	M4 x 20	40	8
VD933I04030	M4 x 30	30	8
VD933I04040	M4 x 40	25	8
VD933I05010	M5 x 10	40	8
VD933I05016	M5 x 16	40	8
VD933I05020	M5 x 20	40	8
VD933I05030	M5 x 30	20	8
VD933I05040	M5 x 40	20	8
VD933I05050	M5 x 50	10	8
VD933I06010	M6 x 10	30	8
VD933I06016	M6 x 16	30	8
VD933I06020	M6 x 20	30	8
VD933I06025	M6 x 25	25	8
VD933I06030	M6 x 30	25	8
VD933I06040	M6 x 40	15	8
VD933I06050	M6 x 50	10	8
VD933I08016	M8 x 16	20	8
VD933I08020	M8 x 20	20	8
VD933I08025	M8 x 25	20	8
VD933I08030	M8 x 30	15	8
VD933I08040	M8 x 40	10	8
VD933I08050	M8 x 50	10	8
VD933I08060	M8 x 60	10	8
VD933I10020	M10 x 20	10	8
VD933I10030	M10 x 30	10	8
VD933I10040	M10 x 40	10	8
VD933I10050	M10 x 50	10	8
VD933I10060	M10 x 60	10	8

Hexagonal flanged bolt with serration 8.8

DIN-6921

METAL



CODE	SIZE	INSTALLATION KEY		
6921108020	M8 x 20	13	200	2.400
6921108050	M8 x 50	13	100	600
6921108070	M8 x 70	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 A2

METAL



CODE	SIZE		
D603108016	M8 x 16	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	INSTALLATION KEY		
D934IM04	M4	7	500	22.500
D934IM05	M5	8	500	12.000
D934IM06	M6	10	500	12.000
D934IM08	M8	13	250	4.000
D934IM10	M10	17	250	2.000
D934IM12	M12	19	250	1.500
D934IM14	M14	22	100	800
D934IM16	M16	24	100	600
D934IM18	M18	27	100	600
D934IM20	M20	30	50	400
D934IM22	M22	32	50	300
D934IM24	M24	36	25	200



Blister

CODE	SIZE	PCS 	BAGS 
BZ934IM04	M4	10	20
BZ934IM05	M5	8	20
BZ934IM06	M6	8	20
BZ934IM08	M8	6	20
BZ934IM10	M10	5	15



Window box

CODE	SIZE	PCS 	BOXES 
VD934IM04	M4	50	8
VD934IM05	M5	50	8
VD934IM06	M6	50	8
VD934IM08	M8	30	8
VD934IM10	M10	20	8

DIN-985

Nylon insert nut

DIN-985 A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE	INSTALLATION KEY		
D985IM04	M4	7	500	22.500
D985IM05	M5	8	500	8.000
D985IM06	M6	10	500	8.000
D985IM08	M8	13	250	4.000
D985IM10	M10	17	250	2.000
D985IM12	M12	19	100	1.200
D985IM14	M14	22	100	800
D985IM16	M16	24	50	600
D985IM18	M18	27	50	400
D985IM20	M20	30	25	300
D985IM22	M22	32	25	300
D985IM24	M24	36	25	150

DIN-6923

Hexagonal flange nut with serration

DIN-6923 A2

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

METAL



CODE	SIZE	INSTALLATION KEY	N° RECESS		
D6923IM08	M8	13	13	250	3.000
D6923IM10	M10	15	17	250	3.000
D6923IM12	M12	18	19	250	1.500

DIN-125

Plain washer

DIN-125 A2

A2 Stainless steel

STAINLESS STEEL



CODE	SIZE		
D125IM04	M4	500	22.500
D125IM05	M5	500	22.500
D125IM06	M6	500	22.500
D125IM08	M8	250	11.250
D125IM10	M10	250	6.000
D125IM12	M12	250	3.000
D125IM14	M14	200	2.400
D125IM16	M16	100	2.400
D125IM18	M18	100	1.600
D125IM20	M20	50	1.200
D125IM22	M22	50	1.200
D125IM24	M24	50	600



Blister

CODE	SIZE	PCS 	BAGS
BZ125IM04	M4	10	20
BZ125IM05	M5	8	20
BZ125IM06	M6	8	20
BZ125IM08	M8	6	20
BZ125IM10	M10	5	20



Window box

CODE	SIZE	PCS 	BOXES
VD125IM04	M4	100	8
VD125IM05	M5	75	8
VD125IM06	M6	75	8
VD125IM08	M8	50	8
VD125IM10	M10	50	8

Wide plain washer

DIN-9021

STAINLESS STEEL



DIN-9021 A2

A2 Stainless steel



CODE	SIZE		
D9021IM04	M4	500	22.500
D9021IM05	M5	500	12.000
D9021IM06	M6	500	8.000
D9021IM08	M8	200	4.800
D9021IM10	M10	100	1.600
D9021IM12	M12	100	800
D9021IM14	M14	100	800
D9021IM16	M16	50	600
D9021IM18	M18	50	400
D9021IM20	M20	25	300
D9021IM22	M22	25	200
D9021IM24	M24	25	150



Blister



Window box

CODE	SIZE	PCS B	BAGS
BZ9021IM04	M4	10	20
BZ9021IM05	M5	8	20
BZ9021IM06	M6	8	20
BZ9021IM08	M8	6	20
BZ9021IM10	M10	5	20

CODE	SIZE	PCS B	BOXES
VD9021IM04	M4	100	8
VD9021IM05	M5	75	8
VD9021IM06	M6	75	8
VD9021IM08	M8	40	8
VD9021IM10	M10	20	8

Spring washer

DIN-127

METAL



DIN-127 A2

Grower spring washer DIN-127.
Stainless steel A2


CODE	SIZE		
D127IM08	M8	200	9.000
D127IM10	M10	100	4.500
D127IM12	M12	100	4.500

1/4" magnetic bit holder

PU-PM

METAL


PU-PMI **NEW**

Stainless steel

CODE	SIZE	MIN. ORDER QTY.		
PUPMI014	1/4" x 60	5	5	225



AB-RE

Reinforced pipe clamp M8 + M10

AB-RE A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABREA2018	18 (M8+M10)	15 - 18	150	50	300
ABREA2022	22 (M8+M10)	20 - 24	150	50	200
ABREA2028	28 (M8+M10)	26 - 30	150	50	150
ABREA2035	35 (M8+M10)	32 - 36	150	50	100
ABREA2040	40 (M8+M10)	36 - 42	150	25	100
ABREA2048	48 (M8+M10)	47 - 50	150	25	100
ABREA2054	54 (M8+M10)	51 - 55	150	25	75
ABREA2060	60 (M8+M10)	60 - 64	150	25	75
ABREA2075	75 (M8+M10)	75 - 80	150	25	50
ABREA2090	90 (M8+M10)	87 - 92	150	25	-
ABREA2110	110 (M8+M10)	106 - 112	150	25	-
ABREA2115	115 (M8+M10)	114 - 119	150	25	-
ABREA2125	125 (M8+M10)	124 - 131	150	25	-
ABREA2140	140 (M8+M10)	133 - 140	150	25	-
ABREA2160	160 (M8+M10)	159 - 163	150	25	-
ABREA2200	200 (M8+M10)	199 - 212	150	25	-

AB-RE

Reinforced pipe clamp M8 + M10

AB-RE A4

A4 Stainless steel



STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABREA4018	18 (M8+M10)	15 - 18	150	50	300
ABREA4022	22 (M8+M10)	20 - 24	150	50	200
ABREA4028	28 (M8+M10)	26 - 30	150	50	150
ABREA4035	35 (M8+M10)	32 - 36	150	50	100
ABREA4040	40 (M8+M10)	36 - 42	150	25	100
ABREA4048	48 (M8+M10)	47 - 50	150	25	100
ABREA4054	54 (M8+M10)	51 - 55	150	25	75
ABREA4060	60 (M8+M10)	60 - 64	150	25	75
ABREA4075	75 (M8+M10)	75 - 80	150	25	50
ABREA4090	90 (M8+M10)	87 - 92	150	25	-
ABREA4110	110 (M8+M10)	106 - 112	150	25	-
ABREA4115	115 (M8+M10)	114 - 119	150	25	-
ABREA4125	125 (M8+M10)	124 - 131	150	25	-
ABREA4140	140 (M8+M10)	133 - 140	150	25	-
ABREA4160	160 (M8+M10)	159 - 163	150	25	-
ABREA4200	200 (M8+M10)	199 - 212	150	25	-

AB-RI

Reinforced isophonic pipe clamp M8 + M10

AB-RI A2

A2 Stainless steel



STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRIA2018	18 (M8+M10)	15 - 18	150	50	200
ABRIA2022	22 (M8+M10)	20 - 24	150	50	150
ABRIA2028	28 (M8+M10)	26 - 30	150	50	150
ABRIA2035	35 (M8+M10)	32 - 36	150	50	100
ABRIA2040	40 (M8+M10)	36 - 42	150	25	75
ABRIA2048	48 (M8+M10)	47 - 50	150	25	75
ABRIA2054	54 (M8+M10)	51 - 55	150	25	50
ABRIA2060	60 (M8+M10)	60 - 64	150	25	50
ABRIA2075	75 (M8+M10)	75 - 80	150	25	-
ABRIA2090	90 (M8+M10)	87 - 92	150	25	-
ABRIA2110	110 (M8+M10)	106 - 112	150	25	-
ABRIA2115	115 (M8+M10)	114 - 119	150	25	-
ABRIA2125	125 (M8+M10)	124 - 131	150	25	-
ABRIA2140	140 (M8+M10)	133 - 140	150	25	-
ABRIA2160	160 (M8+M10)	159 - 163	150	25	-



Reinforced isophonic pipe clamp M8 + M10

AB-RI

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STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABRIA4018	18 (M8+M10)	15 - 18	150	50	200
ABRIA4022	22 (M8+M10)	20 - 24	150	50	150
ABRIA4028	28 (M8+M10)	26 - 30	150	50	150
ABRIA4035	35 (M8+M10)	32 - 36	150	50	100
ABRIA4040	40 (M8+M10)	36 - 42	150	25	75
ABRIA4048	48 (M8+M10)	47 - 50	150	25	75
ABRIA4054	54 (M8+M10)	51 - 55	150	25	50
ABRIA4060	60 (M8+M10)	60 - 64	150	25	50
ABRIA4075	75 (M8+M10)	75 - 80	150	25	-
ABRIA4090	90 (M8+M10)	87 - 92	150	25	-
ABRIA4110	110 (M8+M10)	106 - 112	150	25	-
ABRIA4115	115 (M8+M10)	114 - 119	150	25	-
ABRIA4125	125 (M8+M10)	124 - 131	150	25	-
ABRIA4140	140 (M8+M10)	133 - 140	150	25	-
ABRIA4160	160 (M8+M10)	159 - 163	150	25	-

AB-RI A4

A4 Stainless steel



CTE
CERTIFICADO
DE TENSÃO DE ESFORÇO

U-bolt

AB-ZI

SANITATION



CODE	SIZE	MAXIMUN LOAD	Ø ROD INCHES		
AZA2060500	M6 1/2"	250	M6	100	600
AZA2060750	M6 3/4"	250	M6	100	600
AZA2061000	M6 1"	250	M6	100	400
AZA2061250	M6 1 1/4"	250	M6	50	300
AZA2081500	M8 1 1/2"	350	M8	50	150
AZA2082000	M8 2"	350	M8	50	150
AZA2082500	M8 2 1/2"	350	M8	50	100
AZA2083000	M8 3"	350	M8	50	100
AZA2104000	M10 4"	350	M10	50	-
AZA2106000	M10 6"	350	M10	25	-
AZA2108000	M10 8"	350	M10	25	-

AB-ZI A2

A2 Stainless steel



Pipe clamp M6

AB-M6

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STAINLESS STEEL



CODE	SIZE	ØD(MM)	MAXIMUN LOAD		
ABM6A2012	12 (M6)	12	70	100	1.200
ABM6A2015	15 (M6)	14 - 15	70	100	600
ABM6A2018	18 (M6)	16 - 18	70	100	600
ABM6A2020	20 (M6)	19 - 21	70	100	600
ABM6A2022	22 (M6)	22 - 24	70	100	600
ABM6A2028	28 (M6)	25 - 30	70	100	400

AB-M6 A2

A2 Stainless steel



AB-SF

Hose clamp

AB-SF A2

A2 Stainless steel



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STAINLESS STEEL

PVC pipe

Flexible pipe



CODE	SIZE	ØD(MM)		
ASF2010016	10-16	10-16	100	1.200
ASF2012020	12-20	12-20	100	600
ASF2016027	16-27	16 - 27	100	600
ASF2020032	20-32	20 - 32	100	600
ASF2025040	25-40	25 - 40	100	200
ASF2032050	32-50	32 - 50	100	300
ASF2040060	40-60	40 - 60	100	200
ASF2050070	50-70	50 - 70	50	100
ASF2060080	60-80	60 - 80	50	100
ASF2070090	70-90	70 - 90	50	100
ASF2080100	80-100	80 - 100	50	100
ASF2090110	90-110	90 - 110	50	100
ASF2100120	100-120	100 - 120	25	75
ASF2110130	110-130	110 - 130	25	50
ASF2120140	120-140	120 - 140	25	75
ASF2130150	130-150	130 - 150	25	50

AB-SF IR

Stainless hose clamp roll

AB-SF IR

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



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STAINLESS STEEL

Steel pipe

Cooper pipe

Flexible pipe

PVC pipe



CODE	SIZE		
ASFIR03	9 x 0,6 mm/ 3 m	1	50

AB-SF IRC

Head. Stainless steel



STAINLESS STEEL

Steel pipe

Cooper pipe

Flexible pipe

PVC pipe



CODE	SIZE		
ASFIRCA	Cabezal	50	1.000

AB-SF IRR

Roll 30 m. Stainless steel



STAINLESS STEEL

Steel pipe

Cooper pipe

Flexible pipe

PVC pipe



CODE	SIZE		
ASFIR30	9 x 0,6 mm/ 30 m	1	10

Fixing band

CI-PE



STAINLESS STEEL



CODE	SIZE		
CIPEA21708	17 x 0,8 x 10 m	1	30

CI-PE A2

Round fixing band. A2 Stainless steel



Stainless steel clamp Indextube

AB-IT

SANITATION



CODE	SIZE		
ABITS015	15	100	600
ABITS018	18	100	400
ABITS022	22	100	400
ABITS028	28	100	300

AB-ITS

Simple



SANITATION



CODE	SIZE		
ABITD015	15	50	300
ABITD018	18	50	200
ABITD022	22	50	100

AB-ITD

Double



Type "C" profiles for light loads

GP

STAINLESS STEEL



CODE	SIZE	
GPI271812	27 x 18 x 1,25 x 2000	6
GPI283015	28 x 30 x 1,50 x 2000	6
GPI384020	38 x 40 x 2,00 x 2000	5

GP-A2

Slotted strut channel. A2 Stainless steel



PE-AC

Accessories for type "C" profiles

EG-A2

A2 Stainless steel channel bracket



STAINLESS STEEL



CODE	SIZE		
EMI45	50 x 50 45°	50	200
EMI90	54 x 54 90°	50	-
EMI100	100 180°	50	200

PG-A2

A2 Stainless steel Channel U-fitting



STAINLESS STEEL



CODE	SIZE		
PGI2718	27 / 18 x 81	50	300
PGI2830	28 / 30 x 81	50	200
PGI3840	38 / 40 x 93	50	100

ISF-GG

Clamps for photovoltaic modules assembly

KFR-SC

Quick pre-assembled clamp



METAL



CODE	SIZE		
KFRSC3050	30 - 50	10	240

NEW KFR-SCN

Quick pre-assembled clamp.Black



METAL



CODE	SIZE		
KFRSCN3050	30 - 50	10	240

NEW KFR-SS

Simple pre-assembled clamp



METAL



CODE	SIZE		
KFRSS0850	8 x 50	10	60
KFRSS0870	8 x 70	10	60

Profiles, joints, channels and connectors for supporting structure

ISF-PU

METAL



CODE	SIZE	SCREW SIZE	
EMPXSD4115	41 x 1,5	M8x16	1

EMP-XSD NEW

INDEXTRUT solar connector with screw DIN-603 A2 and nut DIN-6923 A2. Valid for guide GP-XS



Components: EMPXSD4115 x 2
D603108016 x 4
69231M08 x 4

METAL



CODE	SIZE	SCREW SIZE	
PSAUNT200	200	M5,5 x 19,0	1

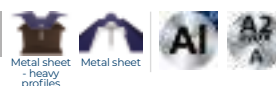
PSA-UNT NEW

Aluminium connector for PSA-A profile with screw DIN-7504-K A2. Valid for guide PSA-A



Components: PSAUNT200 x 2
ABE15519 x 8

METAL



CODE	SIZE	SCREW SIZE	
PSEUNT60200	60 x 200	M 5,5 x 19,0	1

PSE-UNT NEW

Aluminium connector for PSE-A profile with screw DIN-7504-K A2



Components: PSEUNT60200 x 2
ABE15519 x 8

METAL



CODE	SIZE	SCREW SIZE		
PSECUNT200	200	5,5 x 19	1	20

PSE-CUNT NEW

Aluminium connector for PSE-C profile with screw DIN-7504-K A2. Valid for guide PSE-C



Components: PSECUNT200 x 2
ABE15519 x 8

ISF-CC

Connectors + Accessories for the solar structures assembly

DIN-6921 A2

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



METAL



CODE	SIZE	INSTALLATION KEY		
6921I08020	M8 x 20	13	200	2.400
6921I08050	M8 x 50	13	100	600
6921I08070	M8 x 70	13	100	600

DIN-603 A2

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



METAL



CODE	SIZE		
D603I08016	M8 x 16	200	2.400



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

DIN-6923 A2

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



METAL



CODE	SIZE	INSTALLATION KEY	N° RECESS		
D6923IM08	M8	13	13	250	3.000
D6923IM10	M10	15	17	250	3.000
D6923IM12	M12	18	19	250	1.500

DIN-127 A2

Grower spring washer DIN-127. Stainless steel A2



METAL



CODE	SIZE		
D127IM08	M8	200	9.000
D127IM10	M10	100	4.500
D127IM12	M12	100	4.500

KFS-FI

Cross connector for bottom fixing. Stainless steel A2



METAL



CODE	SIZE		
KFSFI08	M8	100	900

Connectors + Accessories for the solar structures assembly

ISF-CC

METAL



CODE	SIZE		
TURXA208	M8	50	300

TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



Adjustable accessories for solar panels installation

METAL



CODE	SIZE	INSTALLATION KEY		
KFSMA10200	10 x 200	7	25	150
KFSMA102002 NEW	10 x 200	7	2	-
KFSMA102010 NEW	10 x 200	7	10	40
KFSMA10250	10 x 250	7	25	150
KFSMA102502 NEW	10 x 250	7	2	-
KFSMA102510 NEW	10 x 250	7	10	20
KFSMA12300	12 x 300	9	25	75
KFSMA12350	12 x 350	9	25	75

KFS-MA

Double threaded stud. Stainless steel A2



METAL



CODE	SIZE	INSTALLATION KEY		
KFSAU10160	10 x 160	13	25	150
KFSAU10200	10 x 200	13	25	75

KFS-AU

Self-tapping screw. Stainless steel A2



METAL



CODE	SIZE	INSTALLATION KEY		
KFSRV10250	10 x 250	7	25	150
KFSRV12350	12 x 350	9	25	75

KFS-RV

Threaded rod for chemical anchor installation. Stainless steel A2



METAL



CODE	SIZE	
GSTC040080	40 - 80	20
GSTC040801 NEW	40 - 80	1
GSTC040810 NEW	40 - 80	10
GSTC080120	80 - 120	20
GSTC081201 NEW	80 - 120	1
GSTC081210 NEW	80 - 120	10

GS-TC

Adjustable roof hook for curved roof tile. Stainless steel A2



AB-RI

Reinforced isophonic pipe clamp M8 + M10

GS-TU

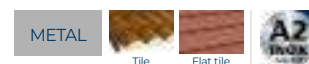
Adjustable roof hook for universal roof tile. Stainless steel A2



CODE	SIZE	
GSTU040055	40 - 55	20
GSTU040501 NEW	40 - 55	1
GSTU040510 NEW	40 - 55	10

NEW GS-TP

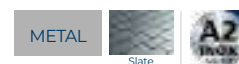
Roof hook for flat roof tile. Stainless steel A2



CODE	SIZE	
GSTP075100	75 - 100	20
GSTP120145	120 - 145	20

NEW GS-PI

Roof hook for slate roofing tile. Stainless steel A2



CODE	SIZE	
GSP1040065	40 - 65	20
GSP1090115	90 - 115	20

STR

Adjustable support for trapezoidal roof. Stainless steel A2



CODE	SIZE	
STR1680	16 - 80	40

PMO

Plate for double threaded screw. Stainless steel A2



CODE	SIZE		
PMO1012	M10 - M12	25	300

Hose clamp

AB-SF

METAL



CODE	SIZE	
PMOD101202	M10 - M12	2
PMOD101210	M10 - M12	10

PMO-D NEW

Plate for double threaded screw with screw DIN-603 A2 and nut DIN-6923 A2



METAL



CODE	SIZE	
PMOK101202	M10 - M12	2
PMOK101210	M10 - M12	10

PMO-K NEW

Plate for double threaded screw with cross connector for bottom fixing. Stainless steel A2



Components: PMO1012x1
KFSFIM08x1

METAL



CODE	SIZE	
PMOLK101202	M10 - M12	2
PMOLK101210	M10 - M12	10

PMO-LK NEW

Aluminium L-shaped plate for lateral fixing with cross connector for bottom fixing. Valid for PSE-C profile



Components: PMO1012x1
KFSFIM08x1

Direct fixing accessories for solar panels installation

METAL

Metal sheet
- heavy
profiles



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	DRILL CAPACITY		
PST1655060	5,5 / 6,3 x 60 P16	8	31 - 45	1,50-6,00	100	1.200
PST1655082	5,5 / 6,3 x 82 P16	8	43 - 67	1,50-6,00	100	600
PST1655098	5,5 / 6,3 x 98 P16	8	54 - 83	1,50-6,00	100	600
PST1655115	5,5 / 6,3 x 115 P16	8	56 - 100	1,50-6,00	100	600

PST 3 + ARVUL NEW A2

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



CI-PE

Fixing band

NEW PST 5 + ARVUL A2

Extra long drill point screw #5 with ATLANTIS C4-M coating and A2 stainless washer



METAL



CODE	SIZE		THICKNESS MAX.FIXTURE (MM)	DRILL CAPACITY		
PSTL1655075	5,5 / 6,3 x 75 P16	8	33 - 60	6,00-12,00	100	1.200
PSTL1655085	5,5 / 6,3 x 85 P16	8	38 - 70	6,00-12,00	100	600
PSTL1655105	5,5 / 6,3 x 105 P16	8	48 - 90	6,00-12,00	100	600
PSTL1655130	5,5 / 6,3 x 130 P16	8	63 - 115	6,00-12,00	100	600

TAC BIMETAL + ARVUL A2

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



METAL



CODE	SIZE	N° RECESS		
TACB166025	6 x 25 P16	8	500	2.000

ISF-ES

Sealing accessories for solar panel installation

ARS-P

Stainless steel A2 umbrella washer + EPDM



METAL



CODE	SIZE		
ARSP08	M8	100	1.200
ARSP10	M10	100	1.200

ISF-KT

Kits for solar installations

KT-PSE

Triangular with PSE-A aluminium profile. Assembled fixing



METAL



CODE	SIZE	
KTPSE0230	x2 (30 mm) - ORIGEN	1
KTPSE0235	x2 (35 mm) - ORIGEN	1
KTPSE0240	x2 (40 mm) - ORIGEN	1
KTPSE02AM	x2 - AMPLIACION	1
KTPSE0330	x3 (30 mm) - ORIGEN	1
KTPSE0335	x3 (35 mm) - ORIGEN	1
KTPSE0340	x3 (40 mm) - ORIGEN	1
KTPSE03AM	x3 - AMPLIACION	1

Accessories for type "C" profiles

PE-AC

METAL


KT-PSC NEW

Triangular with PSE-C aluminium profile. Assembled fixing



CODE	SIZE	
KTPSC0230	x2 (30 mm) - ORIGEN	1
KTPSC0235	x2 (35 mm) - ORIGEN	1
KTPSC0240	x2 (40 mm) - ORIGEN	1
KTPSC02AM	x2 - AMPLIACION	1
KTPSC0330	x3 (30 mm) - ORIGEN	1
KTPSC0335	x3 (35 mm) - ORIGEN	1
KTPSC0340	x3 (40 mm) - ORIGEN	1
KTPSC03AM	x3 - AMPLIACION	1

Threaded rod

RV

STAINLESS STEEL



RV-A2

A2 Stainless steel. 1 meter



CODE	SIZE	PITCH	
975A2M04	M4 x 1000	0.7	1
975A2M05	M5 x 1000	0.8	1
975A2M06	M6 x 1000	1	1
975A2M08	M8 x 1000	1.25	1
975A2M10	M10 x 1000	1.5	1
975A2M12	M12 x 1000	1.75	1
975A2M14	M14 x 1000	2	1
975A2M16	M16 x 1000	2	1
975A2M18	M18 x 1000	2.5	1
975A2M20	M20 x 1000	2.5	1
975A2M22	M22 x 1000	2.5	1
975A2M24	M24 x 1000	3	1
975A2M27	M27 x 1000	3	1
975A2M30	M30 x 1000	3.5	1
975A2M33	M33 x 1000	3.5	1
975A2M36	M36 x 1000	4	1

Coupling nut

MA

STAINLESS STEEL



MA-RI

Round. A2 Stainless steel



CODE	SIZE		
MARI0830	M8 x 30	100	2.400
MARI1030	M10 x 30	100	-

Threaded screw clamp and staple

TAG

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info

STAINLESS STEEL



AB-TA A2

A2 Stainless steel

CODE	SIZE		
ABTA20630	M6 x 30	100	2.400



ES-DR

Double threaded screw

ES-DA2

A2 Stainless steel. TX



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STAINLESS STEEL



CODE	SIZE	INSTALLATION KEY		
ESDA208060	M8 x 60	6	100	800
ESDA210060	M10 x 60	8	100	800

PF

Flat bar for fixation

PF-A4

A4 Stainless steel



STAINLESS STEEL



CODE	SIZE		
PFA4M0800	M8	100	600
PFA4M0810	M8 + M10	100	600
PFA4M1000	M10	100	600

SA

Sanitary fixings

SA-IL

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



SANITATION



CODE	SIZE	
SAILO6080	M6 x 80	100

SA-CI

Cistern fixing kit. 2 PCS x KIT

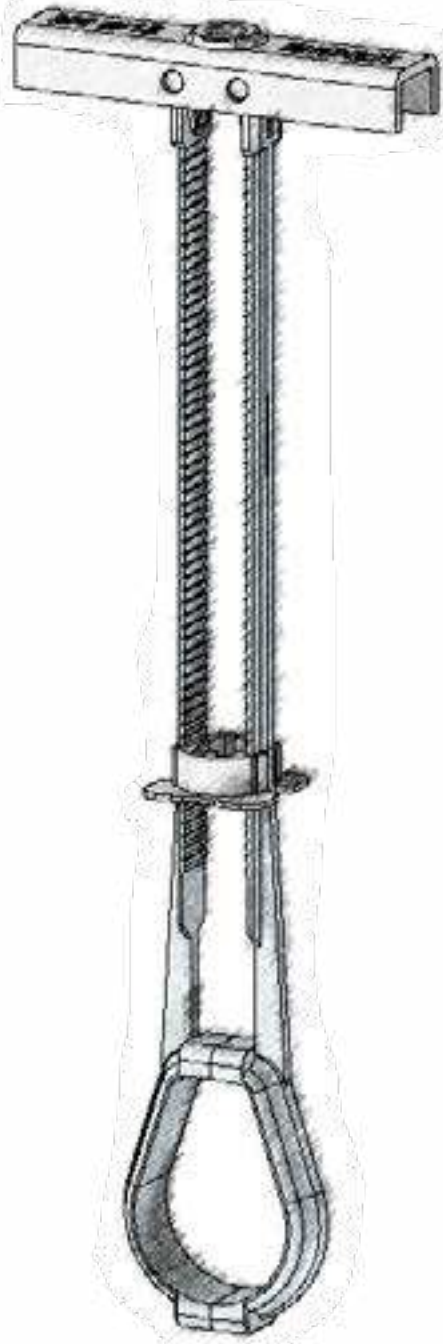
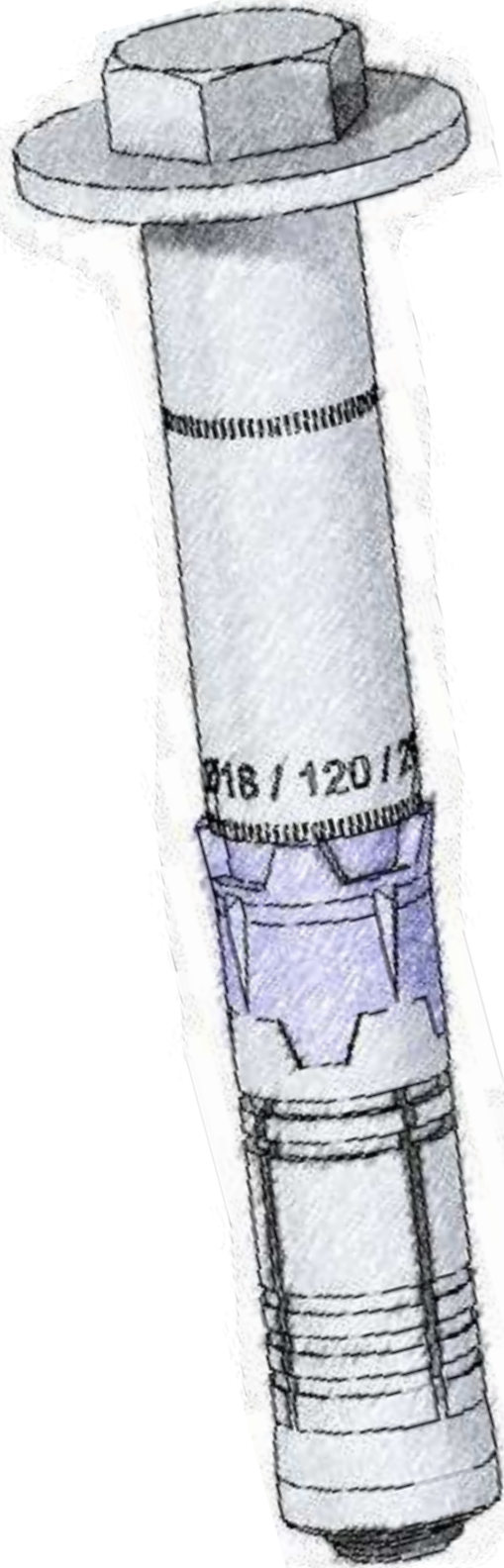
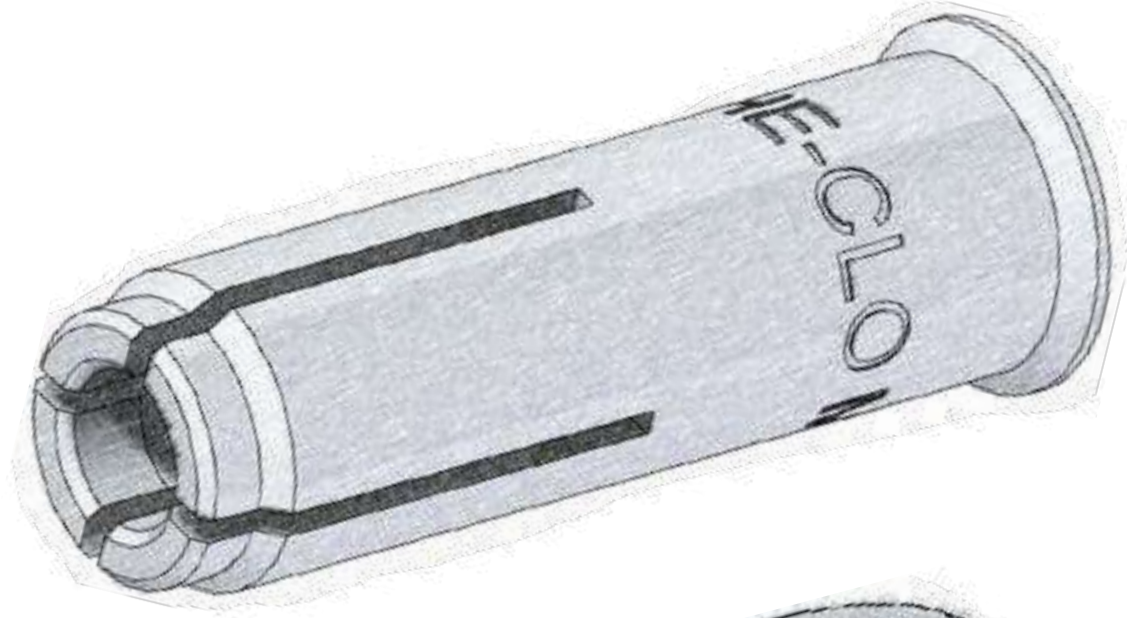


SANITATION

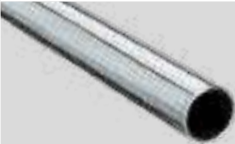


CODE	SIZE	
SACIO6080	M6 x 80	100

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

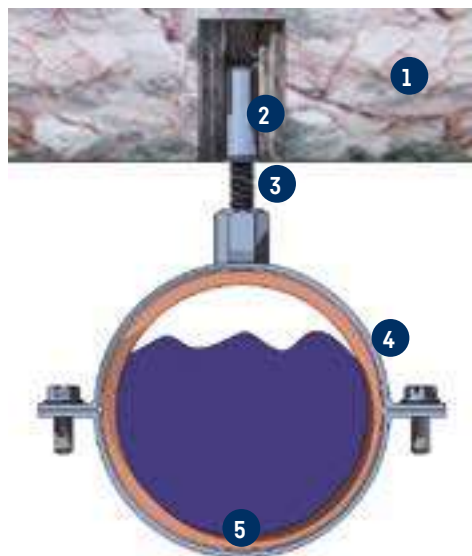
* Approximate weight values. Consult manufacturer for exact weights.

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.

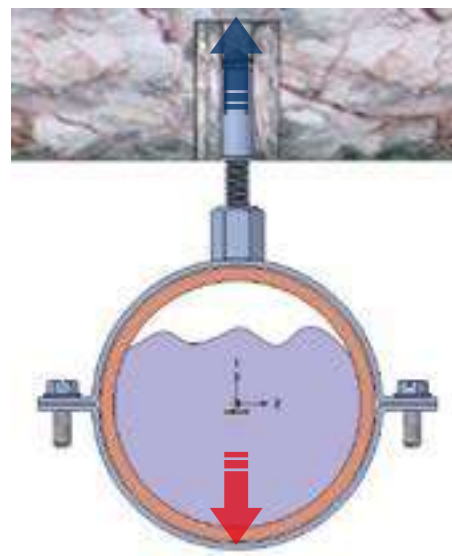
1. SUSPENSION ELEMENT

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.

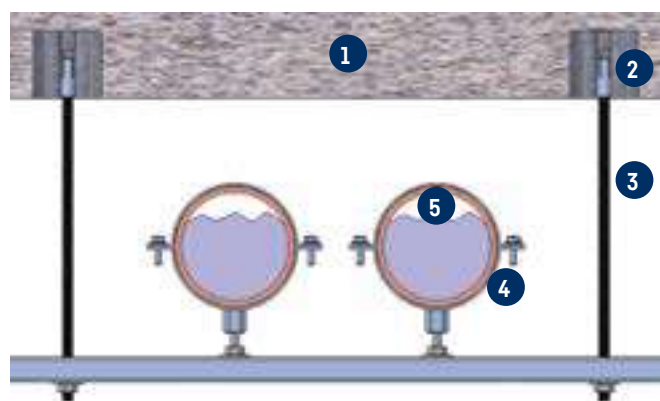
$$\text{Service load} \leq \text{Recommended resistance}$$

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

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

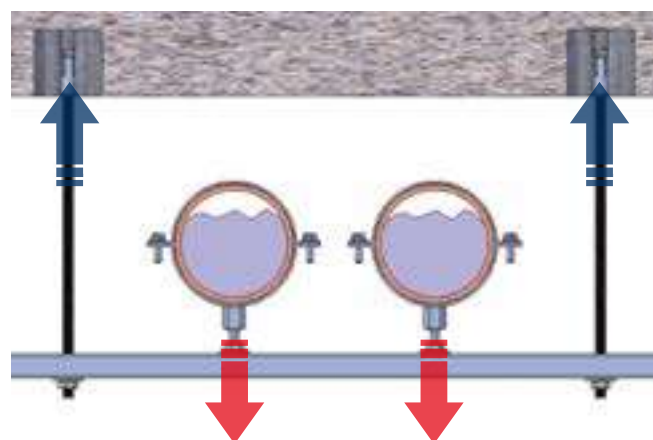
2. ELEMENT ON SUPPORT CHANNEL

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

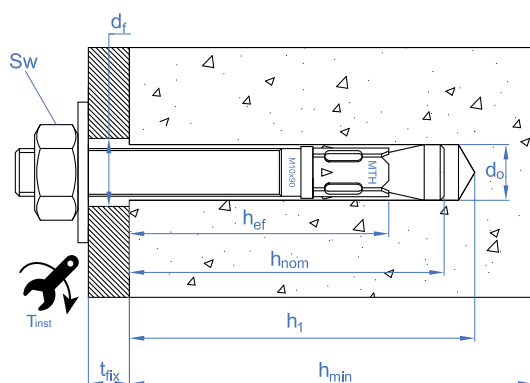
Therefore, the support system for the pipes is safe.

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.

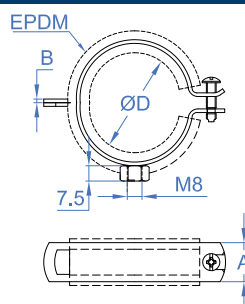
AB-IA / AB-RA Reinforced pipe clamp M8 opened



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

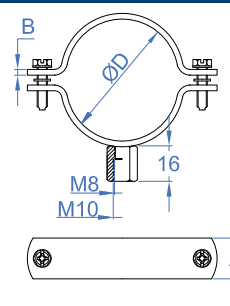
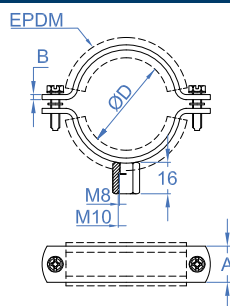
AB-IR Isophonic pipe clamp M8 fast-clip



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



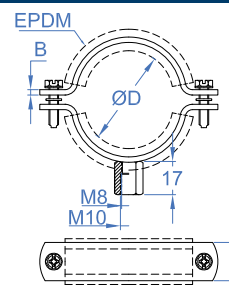
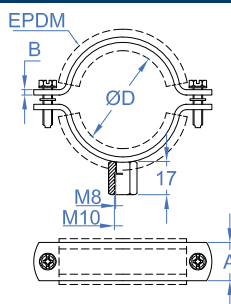
AB-RI / AB-RE Zinc-plated

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

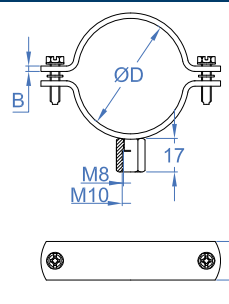
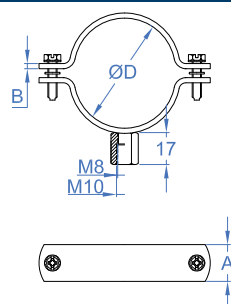
AB-RI A2 / AB-RI A4 Reinforced isophonic pipe clamp M8 + M10



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

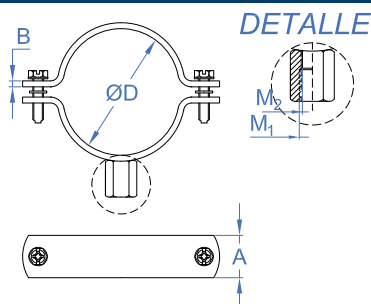


AB-RE A2 / AB-RE A4 A2 Stainless steel

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



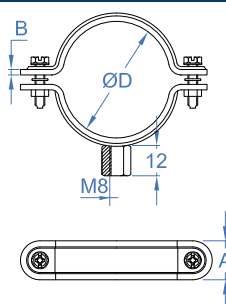
AB-GA

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



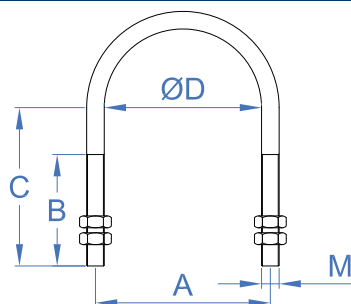
AB-M8

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-ZI

U-bolt



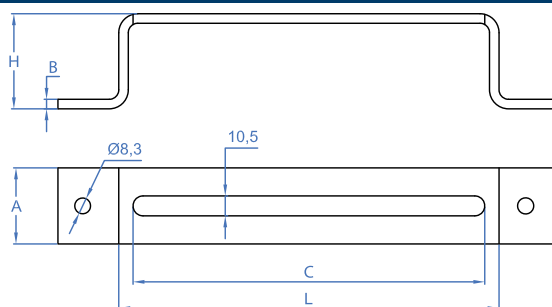
AB-ZI

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



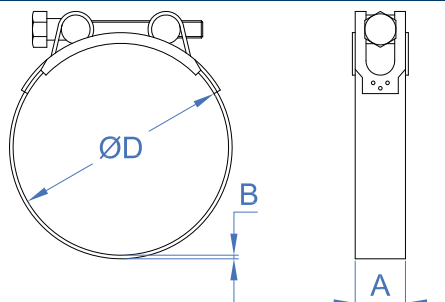
AB-SA

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



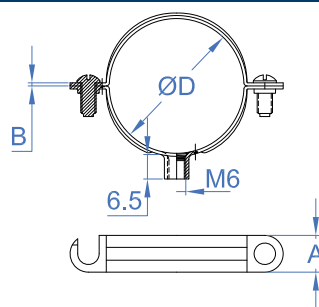
AB-GP

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

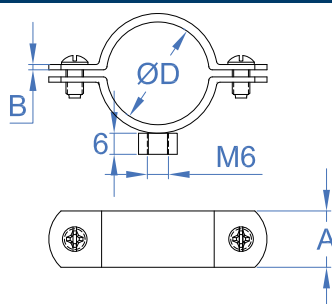
Zinc-plated

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



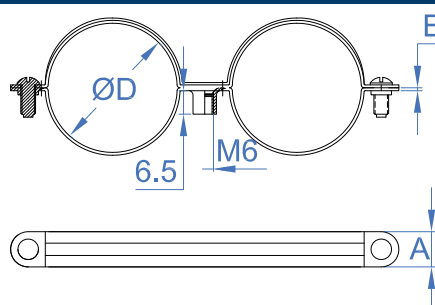
AB-M6 A2

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



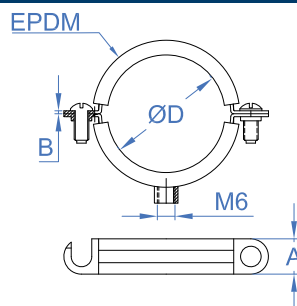
AB-D6 Z / AB-D6

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



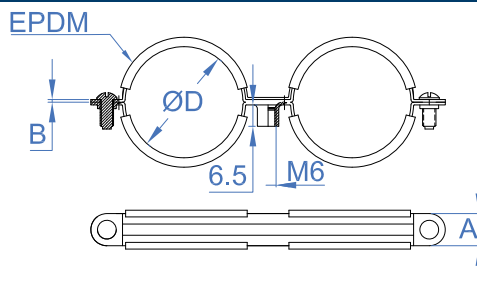
AB-6I

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



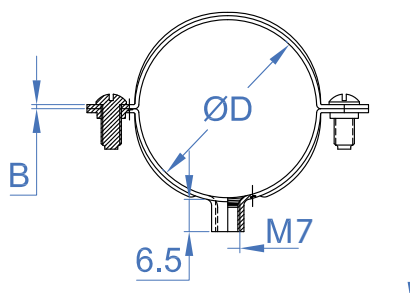
AB-DI

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



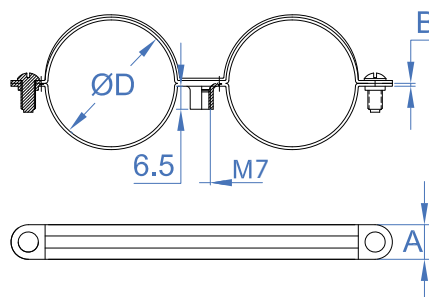
AB-M7

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



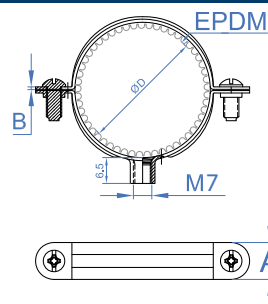
AB-D7

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



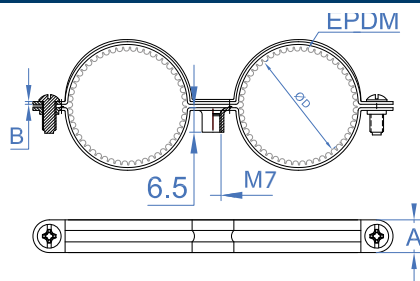
AB-7I

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



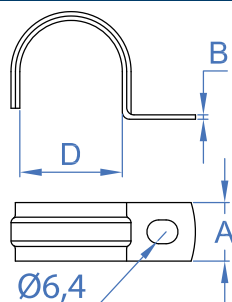
AB-7ID

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



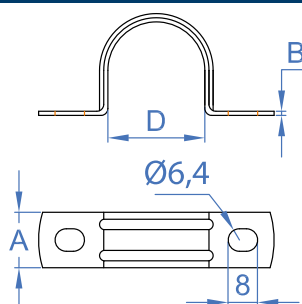
AB-PI

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



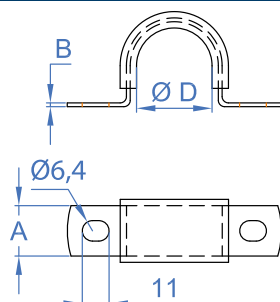
AB-PU

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



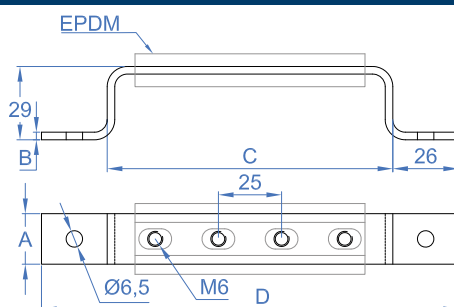
AB-IP

Pipe clip for fixing plate

CODE	ØD(MM)	ØD(")	A X B
ABIP015	15	1/4"	19 X 1,5
ABIP018	18	3/8"	19 X 1,5
ABIP022	22	1/2"	19 X 1,5
ABIP026	26	3/4"	19 X 1,5
ABIP028	28	-	19 X 1,5
ABIP035	35	1"	19 X 1,5
ABIP042	42	1 1/4"	19 X 1,5
ABIP048	48	1 1/2"	19 X 1,5
ABIP054	54	-	19 X 1,5
ABIP060	60	2"	19 X 1,5
ABIP067	67	-	19 X 1,5
ABIP075	75	2 1/2"	19 X 1,5
ABIP090	90	3"	19 X 1,5

AB-SI

Fixing plate for Isophonic bridge conduit clip



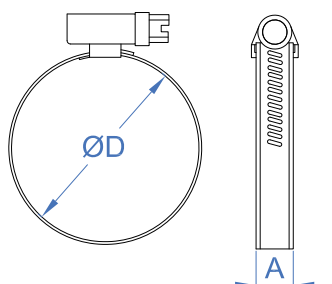
AB-SI

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

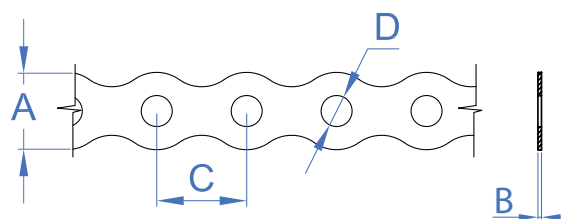
AB-SF A2

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

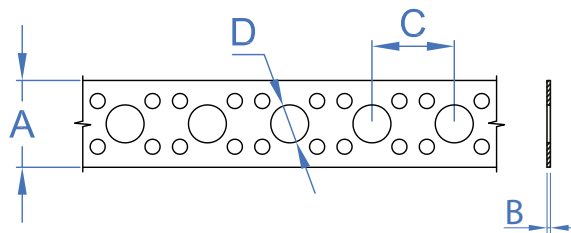
CI-PE A2

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



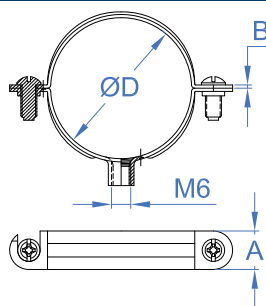
CI-PR

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



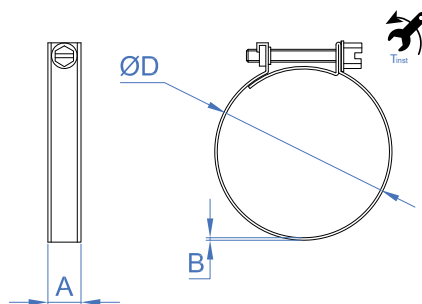
AB-CR

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



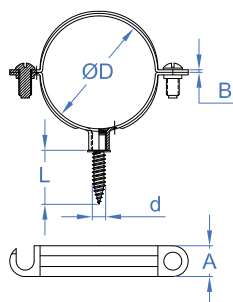
AB-BU

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



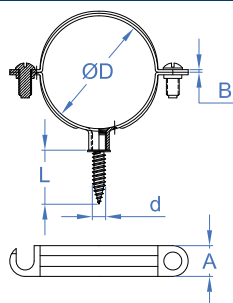
AB-GM

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



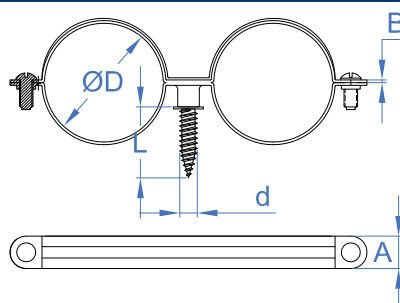
AB-CS

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



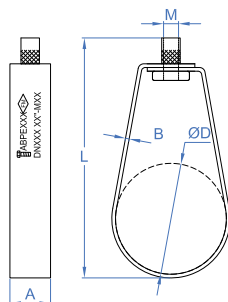
AB-GD

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



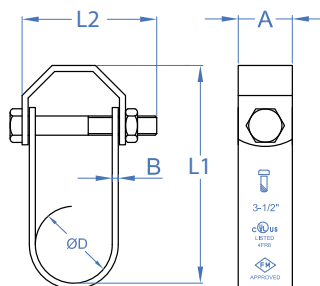
AB-PE

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



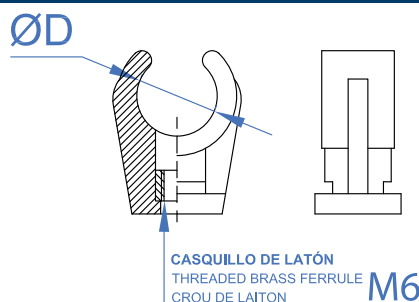
AB-CH

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



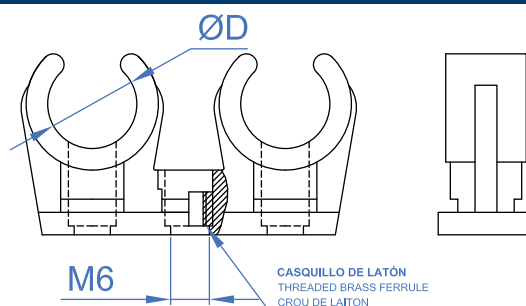
AB-IN

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



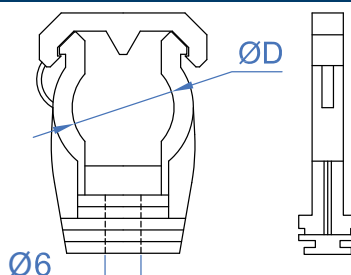
AB-ID

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



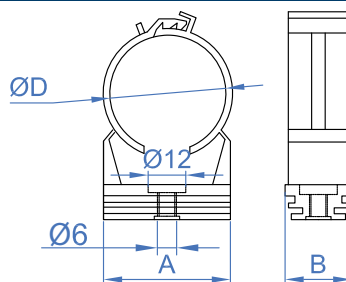
AB-GU

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

CODE	ØD(MM)	ØD(")	SUITABLE FOR	MAXIMUM LOAD
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



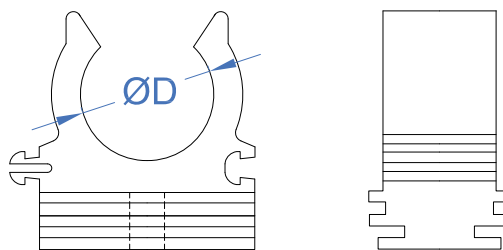
AB-MUG

Multiuse pipe clip

CODE	ØD(MM)	ØD(°)	A x B	SUITABLE FOR	MAXIMUM LOAD
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



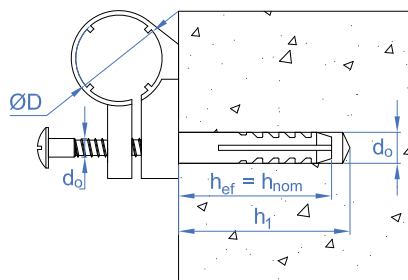
AB-PR

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



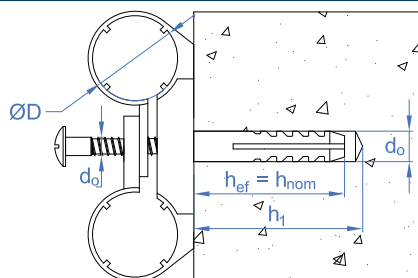
AB-MS

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



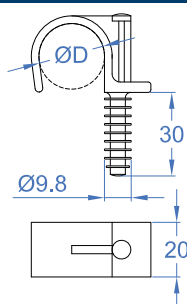
AB-MD

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

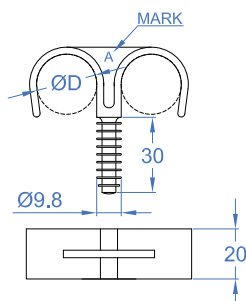
INDEXring tube fixing plug



AB-TS

Simple

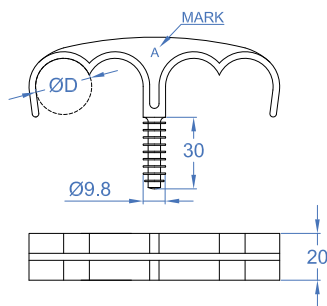
CODE	ØD(MM)	ØD(")	MAXIMUM LOAD
ABTS014	14 - 15	-	-
ABTS016	16 - 17	3/8"	-
ABTS018	18 - 19	-	-
ABTS020	20 - 21	1/2"	-
ABTS022	22 - 23	-	-
ABTS025	25 - 26	3/4"	-
ABTS028	28 - 29	-	-
ABTS032	30 - 32	-	-



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	-	-



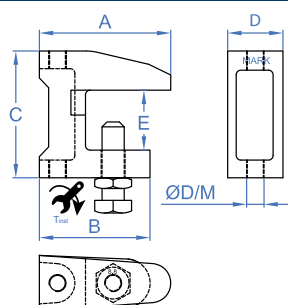
AB-TC

Quadruple

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

SU

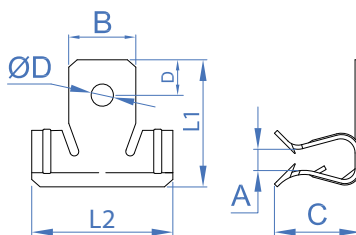
Quick beam attachment system



SU-MO

Beam clamp

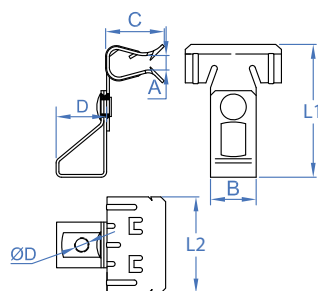
CODE	A	B	C	D	E	TORQUE (NM)	INSTALLATION KEY (SW)	ØD (MM)	SCREW SIZE
SUMOP09	38	35	37	18	20	10	13	PASANTE Ø9	M8 x 35
SUMOP11	44	41	42	21	20	15	17	PASANTE Ø11	M10 x 40
SUMOP13	58	48	54	24	25	15	17	PASANTE Ø13	M10 x 50
SUMOM06	38	35	37	18	20	10	13	ROSCADO M6	M6 x 35
SUMOM08	38	35	37	18	20	10	13	ROSCADO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

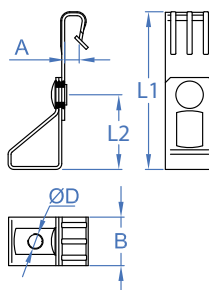
CODE	A	B	C	D	L1	L2	ØD (MM)
SUCL02	1,5 - 4	13	14	10	28	28	6.3
SUCL04	4 - 10	19	23	10	34	40	6.3
SUCL10	10 - 15	19	23	10	40	40	6.3
SUCL15	15 - 20	19	23	10	40	40	6.3



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

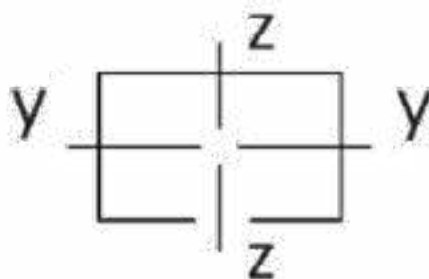
CODE	MAX. FIXTURE THICKNESS	ØD (MM)	THICKNESS
SUCA0602	1 - 4	6-7	0,6
SUCA0604	4 - 7,5	6-7	0,6
SUCA0607	7,5 - 12	6-7	0,6
SUCA0802	1 - 4	8-9	0,6
SUCA0804	4 - 7,5	8-9	0,6
SUCA0807	7,5 - 12	8-9	0,6
SUCA1002	1 - 4	10-11	0,6
SUCA1004	4 - 7,5	10-11	0,6
SUCA1007	7,5 - 12	10-11	0,6
SUCA1202	1 - 4	12-14	0,6
SUCA1204	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

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

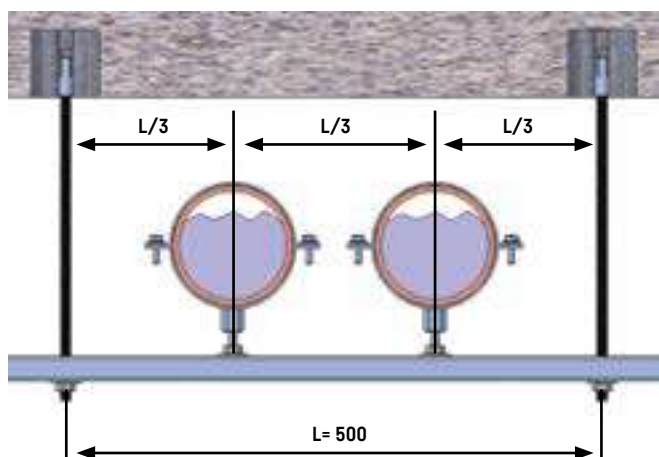


CODE	SECTION	WEIGHT	AREA	MOMENT OF INERTIA (I _y)	MOMENT OF INERTIA (I _z)	RESISTANT MODULE (W _y)	RESISTANT MODULE (W _z)
	[mm x mm]	[Kg/m]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ³]	[cm ³]
GPZ201010	20 x 10	0.31	0.44	0.06	0.25	0.10	0.25
GPZ250808	25 x 8	0.26	0.35	0.03	0.30	0.06	0.24
GPG271812	27 x 18	0.66	0.84	0.37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

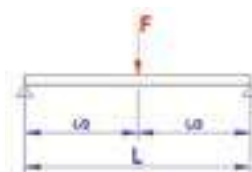
*Values calculated without surpassing admissible tension $\sigma_{adm} = 16 \text{ N/mm}^2$ nor a maximum arrow of $L/200$.
For cases not included in these calculations, consult with INDEX Fixing Systems' Technical Department.

CALCULATION EXAMPLE



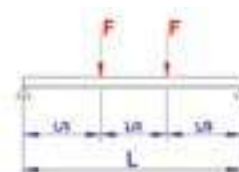
Slotted channel GPG3840 with length between supports (L) of 500 mm., with 2 centered punctual loads (case 2)

CASE 1



Punctual load in the centre

CASE 2



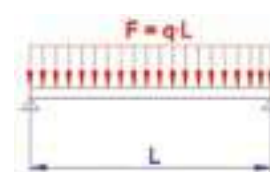
Two punctual loads in $L/3$

CASE 3

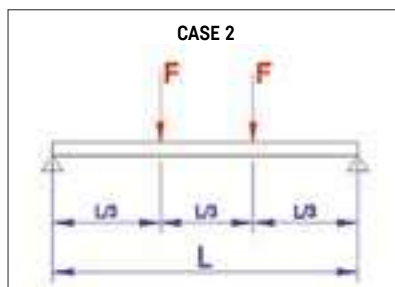


Three punctual loads in $L/4$

CASE 4



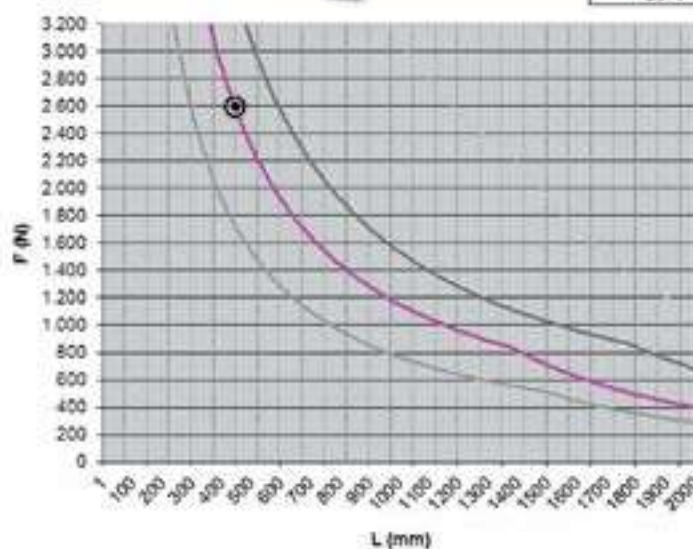
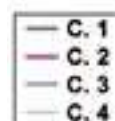
Uniform load



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

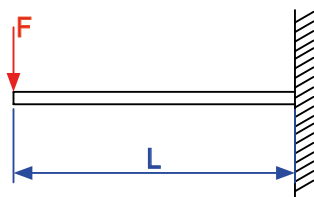


Strut channel
28 / 30



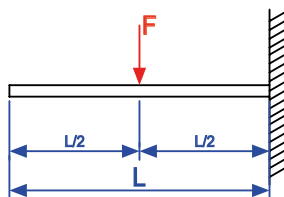
CHANNEL CANTILEVER ARMS

CASE 1



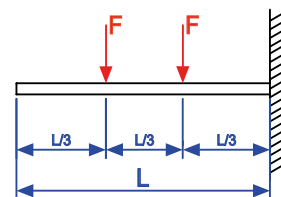
Punctual load in the edge

CASE 2



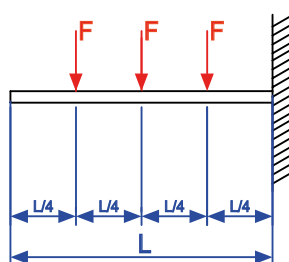
Punctual load in the centre

CASE 3



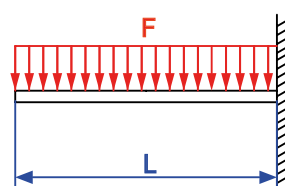
Two punctual loads in $L/3$

CASE 4



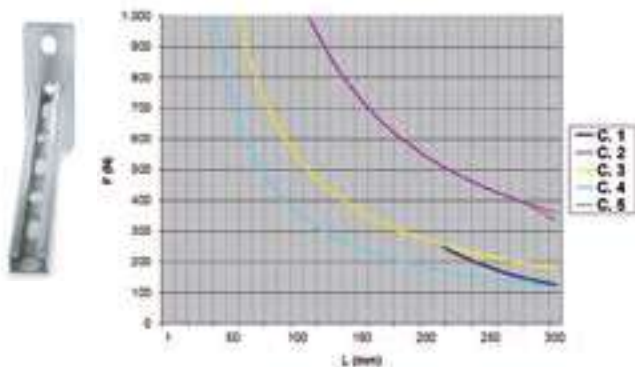
Three punctual loads in $L/4$

CASE 5

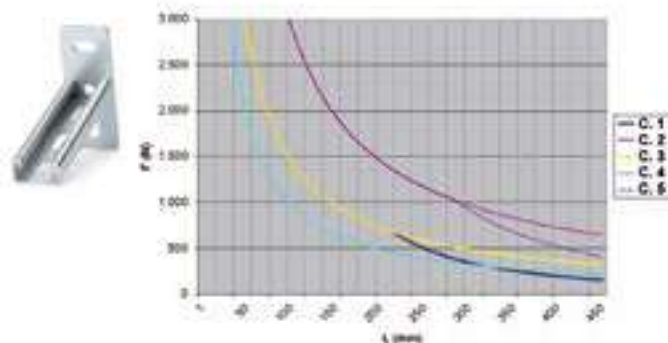


Uniform load

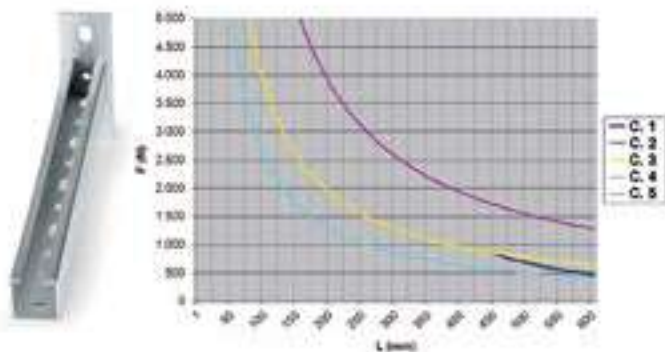
Channel cantilever arm 27 / 18



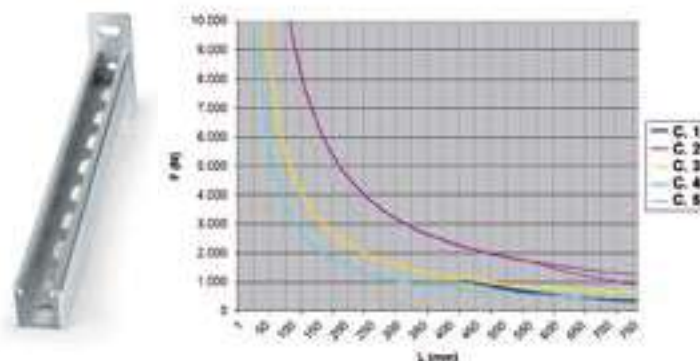
Channel cantilever arm 41 / 21



Channel cantilever arm 38 / 40

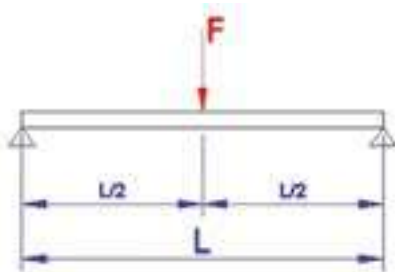


Channel cantilever arm 41 / 41



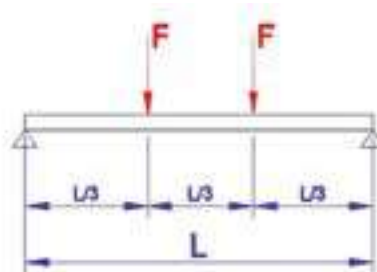
STRUD CHANNELS

CASE 1



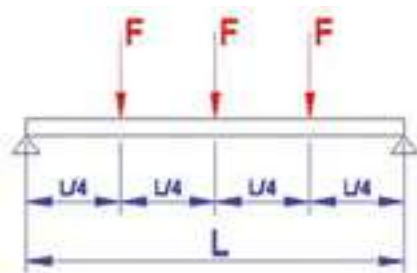
Punctual load in the centre

CASE 2



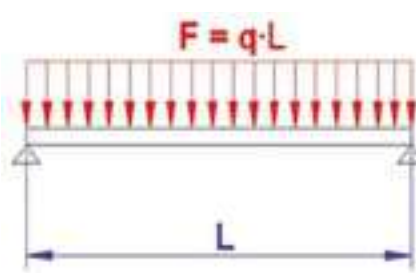
Two punctual loads in $L/3$

CASE 3



Three punctual loads in $L/4$

CASE 4



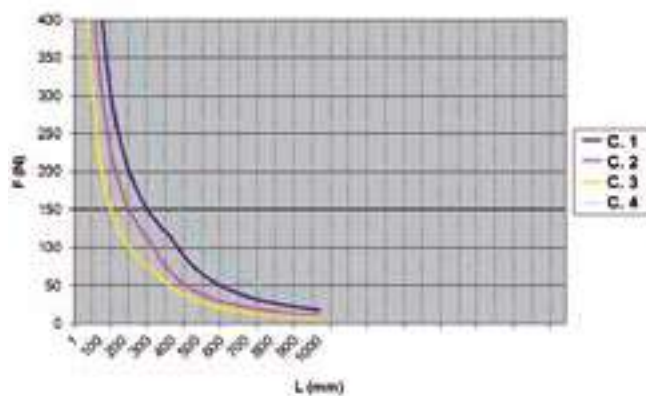
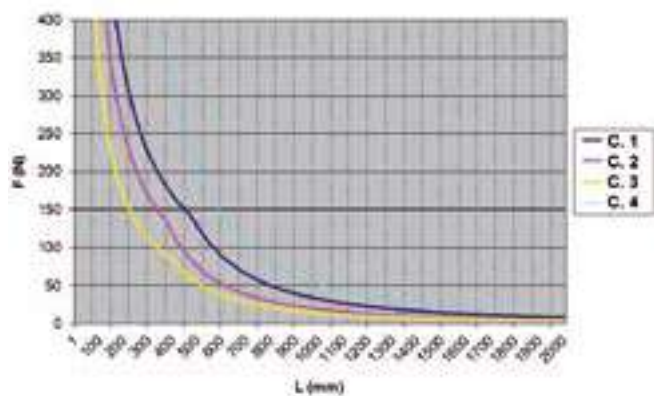
Uniform load



Strut channel
20 / 10

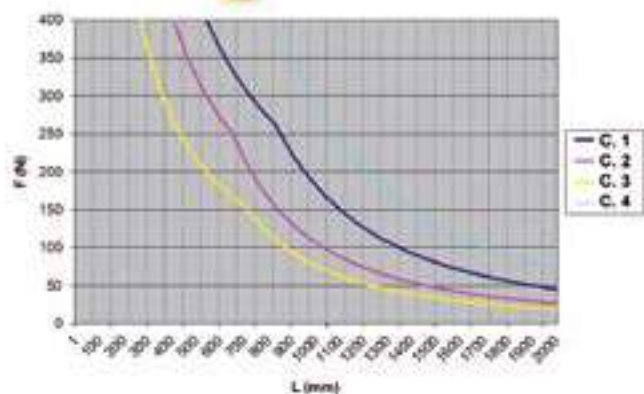


Strut channel
25 / 08

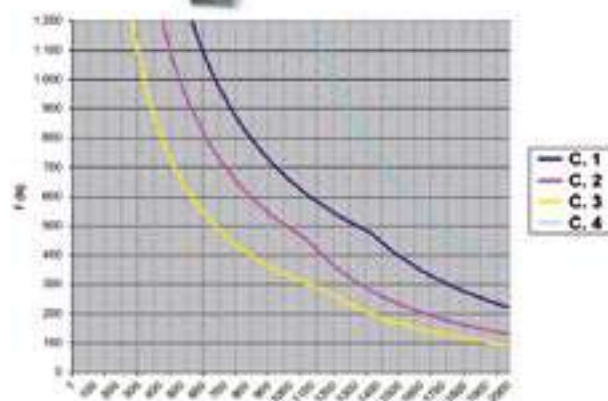




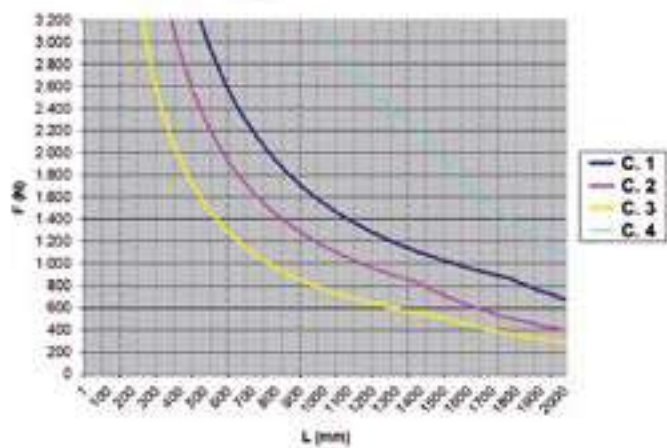
Strut channel
27 / 18



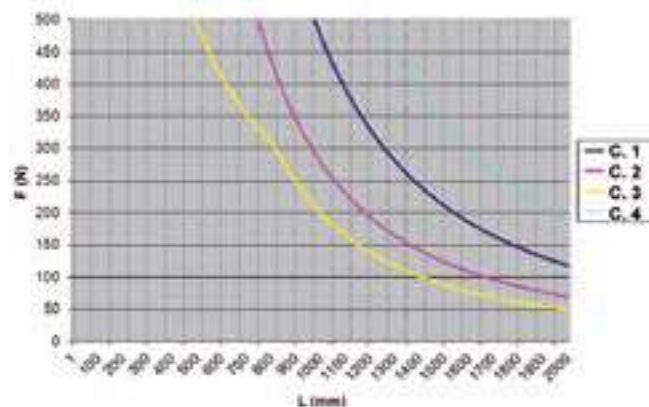
Strut channel
28 / 30



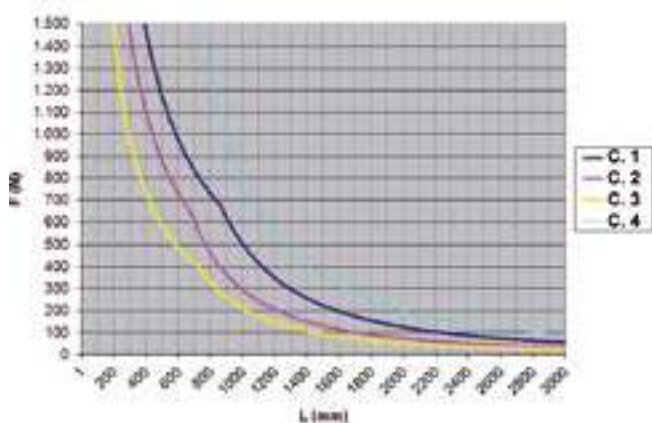
Strut channel
38 / 40



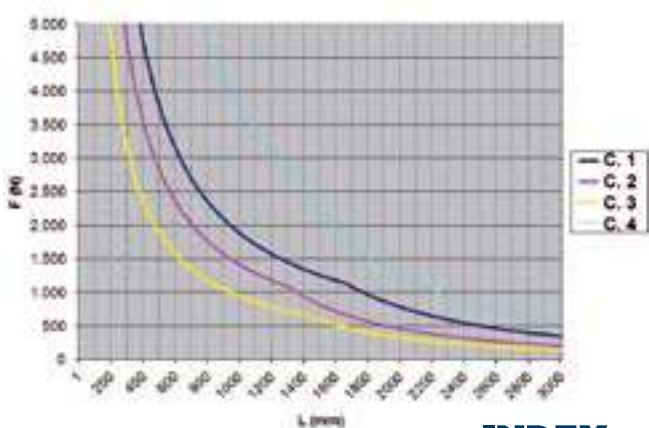
Strut channel
40 / 20



Strut channel
41 / 21

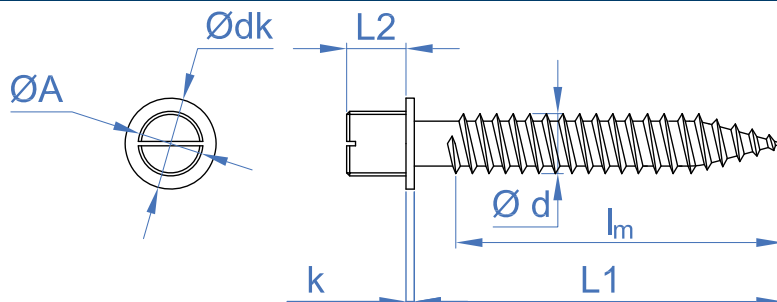


Strut channel
41 / 41



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	-
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

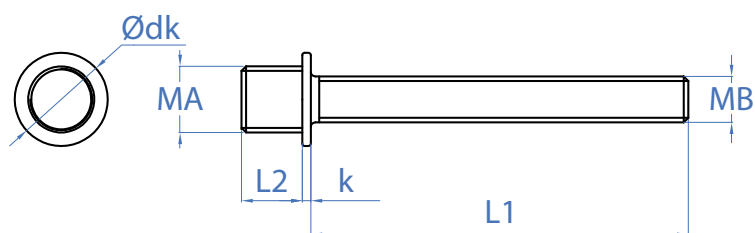
Yellow zinc-plated. Slotted

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

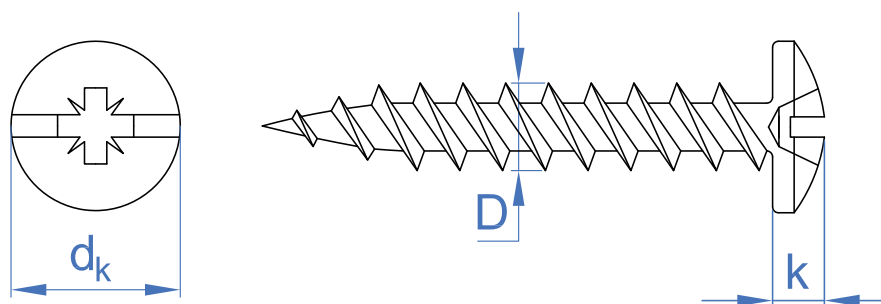
CODE	METRIC	ØD	L1	L2	k	ØDK	THREAD LENGTH
ABTA20630	M6	5	30	7	1,2	7,8	30



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



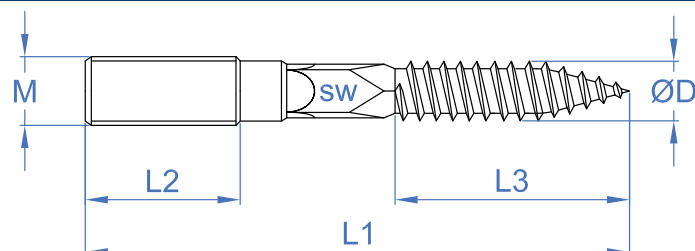
AB-TG

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

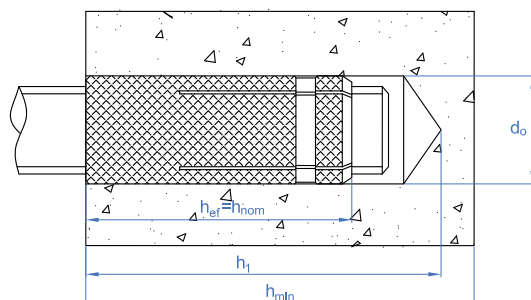
ES-DA2

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



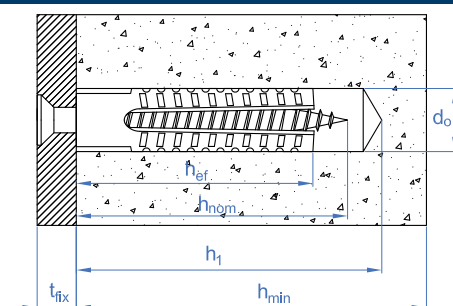
TALA

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 x 16	5	20	25	24	48	60
TALAM04	M4 x 16	5	20	25	24	48	60
TALAM05	M5 x 18	6	22	30	27	54	70
TALAM06	M6 x 23	8	28	35	35	69	100
TALAM08	M8 x 28	10	33	40	42	84	150
TALAM10	M10 x 33	12	40	45	51	102	210
TALAM12	M12 x 38	15	45	50	57	114	320

TA-ME

Steel expansion plug



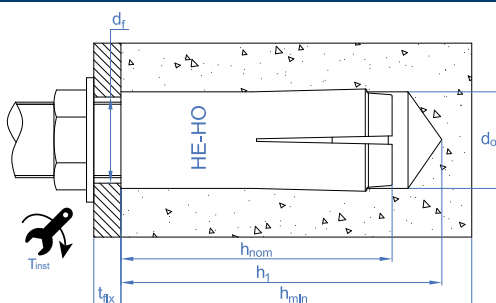
TA-ME

Steel expansion plug

CODE	MXL	DRILL 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	38	75	249	298
HEHOM08	M8	10	33	30	11	9	100	45	90	327	392
HEHOM10	M10	12	43	40	17	12	100	60	120	432	530
HEHOM12	M12	15	54	50	38	14	100	75	150	603	844
HEHOM16	M16	20	70	65	60	18	130	98	195	894	1893
HEHOM20	M20	25	86	80	100	22	160	120	240	1220	2767
HEHOM12D	M12	16	54	50	38	14	100	75	150	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	38	75	249	298
HECLOM08	M8	10	33	30	11	9	100	45	90	327	392
HECLOM10	M10	12	43	40	17	12	100	60	120	432	530
HECLOM12	M12	15	54	50	38	14	100	75	150	603	844
HECLOM16	M16	20	70	65	60	18	130	98	195	894	1893
HECLOM12D	M12	16	54	50	38	14	100	75	150	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	120	101	101
HEHCM10	M10 x 25	12	28	25	17	12	80	60	120	162	162
HEHCM12	M12 x 25	15	29	25	38	14	80	60	120	162	162

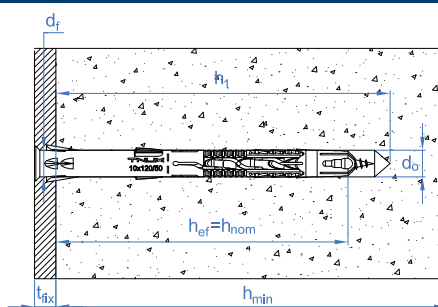
HE-NO

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	38	75	175	298
HENOM08	M8	10	33	30	11	9	100	45	90	230	392
HENOM10	M10	12	43	40	17	12	100	60	120	354	530
HENOM12	M12	15	54	50	38	14	100	75	150	494	844
HENOM16	M16	20	70	65	60	18	130	98	195	733	1893
HENOM20	M20	25	86	80	100	22	160	120	240	1000	2767

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

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
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

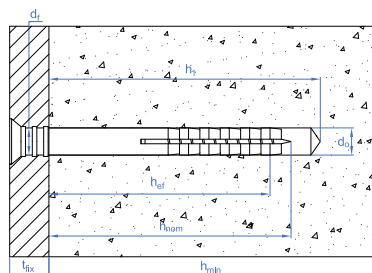
T-FUX E

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



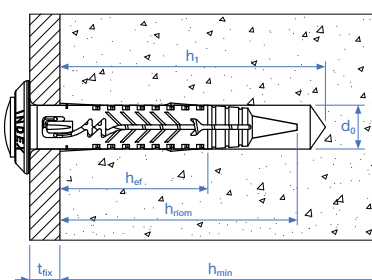
TC-CA

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



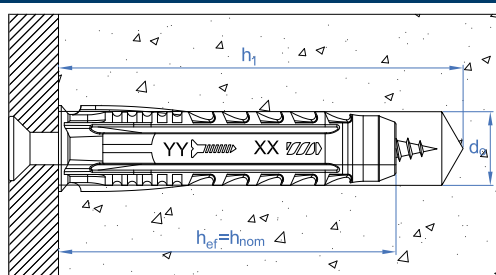
TC-SP

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	PZ 2	17	5
TCSP06032	6 x 32	5	6	30	PZ 2	26	7
TCSP06040	6 x 40	10	6	30	PZ 2	26	7

TN4S

4-way expansion plug for all materials



TN4S

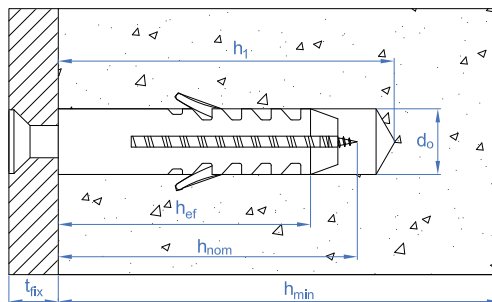
Plug

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	28	19	13	TPPO 3-4
TN4S06	6 x 30	6	40	30	45	61	48	39	TPPO 4-5
TN4S08	8 x 40	8	50	40	55	170	104	20	TPPO 4,5, TB 5-6

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
TN4S10	10 x 50	10	60	50	65	256	160	48	TB 6-8
TN4S12	12 x 60	12	70	60	75	394	104	54	TB 8-10
TN4S14	14 x 70	14	80	70	85	628	224	75	TB 10-12

TACON

Nylon plug

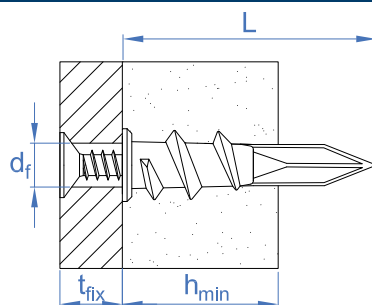


TACON/TACOL/TACOL-A Plug

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

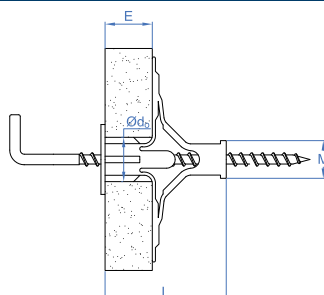
TAPLA ZK

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



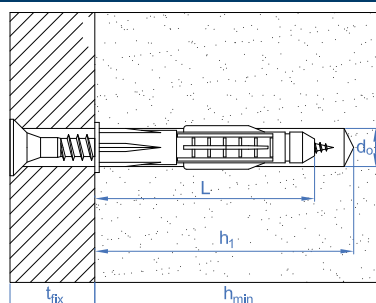
ANCLA

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



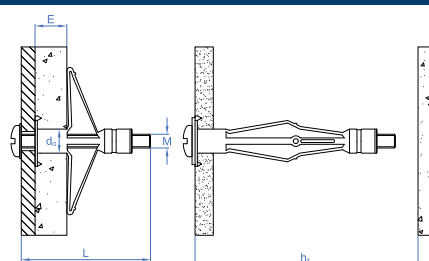
MEDU

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
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

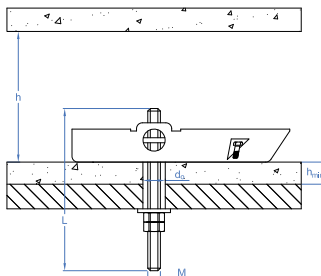
IN-HE

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 s	DRILL Ø	MINIMUM CAVITY "H"	REMOVAL OF CONCRETE BLOCKS	TENSION LOAD PLASTERBOARD	TENSION LOAD PLASTERBOARD
BAESM04	M4 x 100	74	14	70	10	5	5
BAESM05	M5 x 100	72	14	70	12	5	5
BAESM06	M6 x 100	68	16	75	13	6	6
BAESM08	M8 x 100	60	20	85	14	6	6

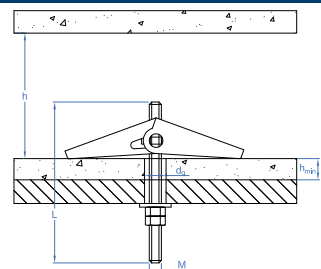
BA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED s	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 s	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

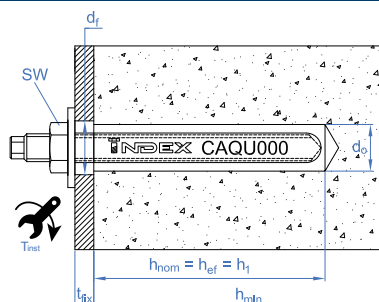
PA-GA

Hook

CODE	MXL	MAX. JOINT THICKNESS BASE MATERIAL AND ELEMENT TO BE FIXED s	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



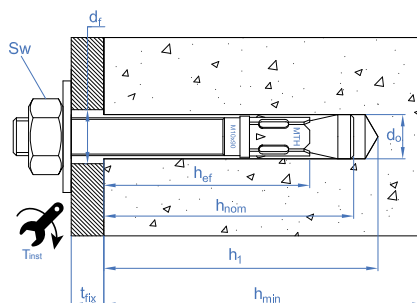
CA-QU

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	300	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	18	12	85	77	19	60	F	14	130	98	195	1011	1207
MIA412140	M12 x 140	48	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

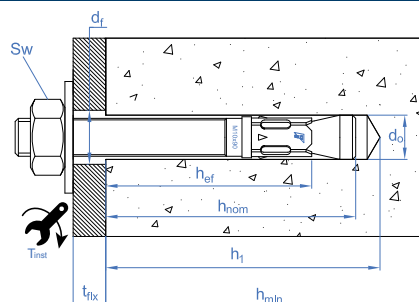
MTH-A2

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

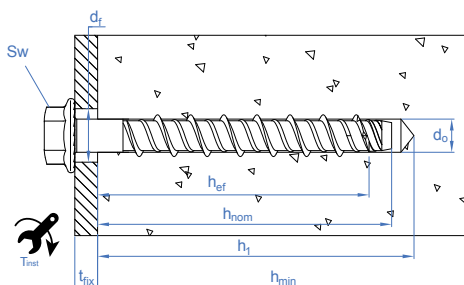
Zinc-plated shaft. Zinc-plated clip

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	16	100	115	20	80	20	80	87	174	24	1055	2257	738	1580
THE16150	Ø16 x 150	150	16	140	185	20	120	30	80	138	276	24	2107	2814	1475	2814
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	55	80	8	45	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	16	100	115	20	80	20	80	87	174	24	1055	2257	738	1580
TFE16150	Ø16 x 150	150	16	140	185	20	120	30	80	138	276	24	2107	2814	1475	2814
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	31	10	65	129	5	673	608	471	542
TFS06120	Ø6 x 120	120	6	65	100	9	55	51	10	65	129	5	673	608	471	542
TFS08110	Ø8 x 110	110	8	75	100	12	65	29	20	76	152	7	857	950	600	762
TFS08130	Ø8 x 130	130	8	75	100	12	65	49	20	76	152	7	857	950	600	762
TFS10120	Ø10 x 120	120	10	85	120	14	75	26	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	65	100	--	55	10	65	129	13	673	608	471	542

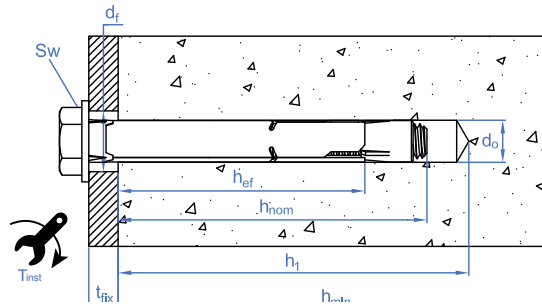
TFM

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	65	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	
		Aluminium	Steel
2,9 N°4	0,4 - 0,6	2,20	2,25
	0,6 - 1,0	2,20	2,40
	1,0 - 1,5	2,25	2,40
	1,5 - 2,5	2,40	2,50
	2,5 - 4,0	-	-
3,5 N°6	0,4 - 0,6	2,70	2,70
	0,6 - 1,0	2,70	2,80
	1,0 - 1,5	2,80	2,80
	1,5 - 2,5	2,80	2,90
	2,5 - 4,0	-	3,00
3,9 N°7	0,4 - 0,6	-	-
	0,6 - 1,0	3,00	3,10
	1,0 - 1,5	3,00	3,10
	1,5 - 2,5	3,10	3,20
	2,5 - 4,0	3,10	3,30
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
4,8 N°10	0,4 - 0,6	-	-
	0,6 - 1,0	3,70	3,80
	1,0 - 1,5	3,70	3,80
	1,5 - 2,5	3,80	3,90
	2,5 - 4,0	3,80	4,00
5,5 N°12	0,4 - 0,6	-	-
	0,6 - 1,0	4,30	4,40
	1,0 - 1,5	4,30	4,40
	1,5 - 2,5	4,40	4,50
	2,5 - 4,0	4,40	4,60
6,3 N°14	0,4 - 0,6	-	-
	0,6 - 1,0	5,00	5,10
	1,0 - 1,5	5,00	5,10
	1,5 - 2,5	5,10	5,20
	2,5 - 4,0	5,10	5,30

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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A PERFECT FIXING

The image shows a large, brown cardboard box in the foreground, slightly out of focus. The box features the 'INDEX' logo in a bold, blue, sans-serif font, with a registered trademark symbol. To the left of the word 'INDEX' are three horizontal blue lines of increasing length. Below the logo, the tagline 'A PERFECT FIXING' is printed in a smaller, blue, sans-serif font. The background is a blurred warehouse or industrial setting with a worker in a dark blue uniform on the left, overhead fluorescent lights, and various equipment and materials in the distance.

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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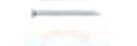
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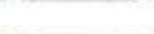
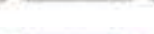
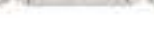
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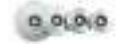
FP08GUN	144	
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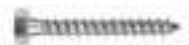
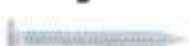
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