



MADE IN ITALY 
MANUFACTURING
QUALITY • DESIGN

IFC I FORCE



I FORCE Profiles
with high-load capacity for the
creation of primary frameworks
for metal, lightweight gypsum,
and mineral fiber suspended ceilings.

IFC I-FORCE

HIGH LOAD PROFILES FOR SUSPENDED CEILINGS

STEEL RIB FOR HIGH-ALTITUDE STABILITY:
DURABILITY, SAFETY,
AND HIGH LOAD-BEARING CAPACITY

Thanks to their exceptional flexural rigidity, **I-FORCE** profiles represent an effective technical solution for creating load-bearing primary frameworks with significant plenum and clear spans of up to 6.5 meters.

The **I-FORCE** framework is a true load-bearing skeleton, specifically designed to ensure the flatness of any type of false ceiling remains constant over time, preventing cracking of the finishing panels in plasterboard applications. Their applications range from large hospital complexes to industrial buildings, including gyms, logistics warehouses, and industrial buildings, where **structural safety** must be combined with **construction efficiency**.

I-FORCE

PROFILES I-FORCE

Steel rib for high-altitude stability.

Thanks to the special ribbed section and the complete folding of the profile core, I-FORCE develops a superior moment of inertia: ideal for high-load primary frames.

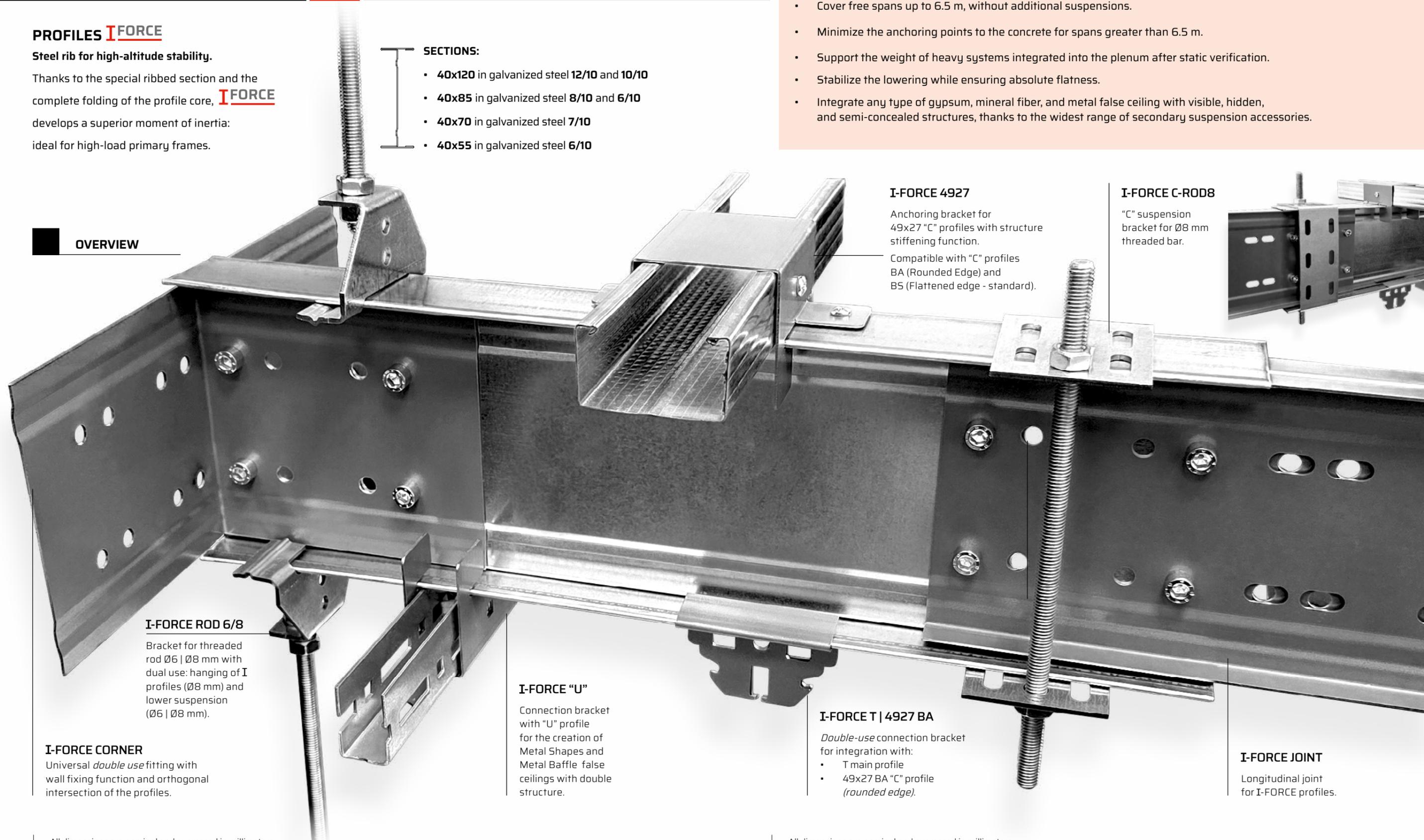
SECTIONS:

- 40x120 in galvanized steel 12/10 and 10/10
- 40x85 in galvanized steel 8/10 and 6/10
- 40x70 in galvanized steel 7/10
- 40x55 in galvanized steel 6/10

I-FORCE is specifically designed to:

- Cover free spans up to 6.5 m, without additional suspensions.
- Minimize the anchoring points to the concrete for spans greater than 6.5 m.
- Support the weight of heavy systems integrated into the plenum after static verification.
- Stabilize the lowering while ensuring absolute flatness.
- Integrate any type of gypsum, mineral fiber, and metal false ceiling with visible, hidden, and semi-concealed structures, thanks to the widest range of secondary suspension accessories.

OVERVIEW



I-FORCE ROD 6/8

Bracket for threaded rod Ø6 | Ø8 mm with dual use: hanging of I profiles (Ø8 mm) and lower suspension (Ø6 | Ø8 mm).

I-FORCE CORNER

Universal *double use* fitting with wall fixing function and orthogonal intersection of the profiles.

I-FORCE "U"

Connection bracket with "U" profile for the creation of Metal Shapes and Metal Baffle false ceilings with double structure.

I-FORCE 4927

Anchoring bracket for 49x27 "C" profiles with structure stiffening function. Compatible with "C" profiles BA (Rounded Edge) and BS (Flattened edge - standard).

I-FORCE C-ROD8

"C" suspension bracket for Ø8 mm threaded bar.

I-FORCE T | 4927 BA

Double-use connection bracket for integration with:

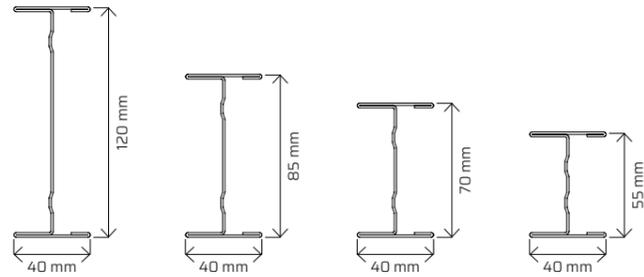
- T main profile
- 49x27 BA "C" profile (*rounded edge*).

I-FORCE JOINT

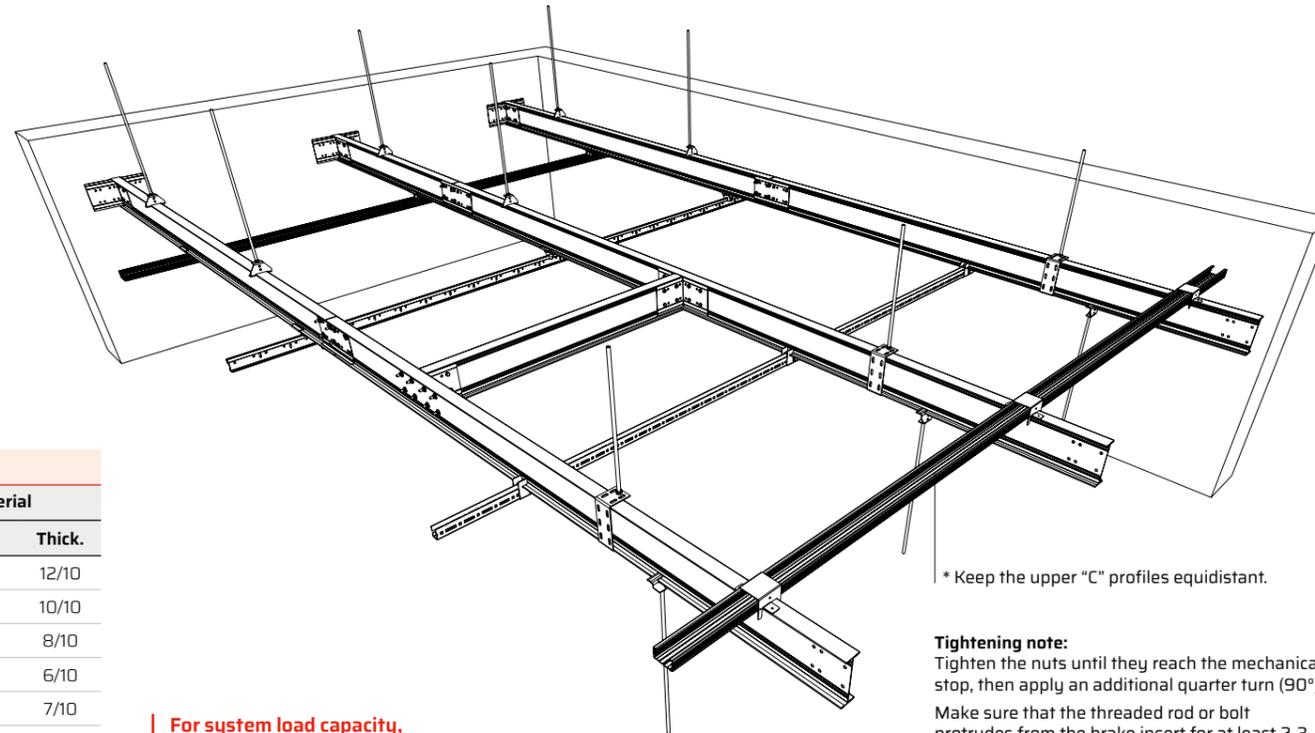
Longitudinal joint for I-FORCE profiles.

I-FORCE

STANDARD SECTIONS



PROFILES					
Code	Item	Dimension (mm)	Length (mm)	Material	
				Type	Thick.
FI4012040C12ZIN65	I-FORCE 120-12	40x120x40	6500	ACZ	12/10
FI4012040C10ZIN65	I-FORCE 120-10	40x120x40	5500	ACZ	10/10
FI4008540C08ZIN50	I-FORCE 85-08	40x85x40	5000	ACZ	8/10
FI4008540C06ZIN50	I-FORCE 85-06	40x85x40	5000	ACZ	6/10
FI4007040C07ZIN50	I-FORCE 70-07	40x70x40	5000	ACZ	7/10
FI4005540C06ZIN50	I-FORCE 55-06	40x55x40	5000	ACZ	6/10

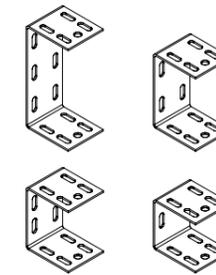


* Keep the upper "C" profiles equidistant.

Tightening note:
Tighten the nuts until they reach the mechanical stop, then apply an additional quarter turn (90°). Make sure that the threaded rod or bolt protrudes from the brake insert for at least 2-3 threads when tightened.

For system load capacity, see the table on page 11.

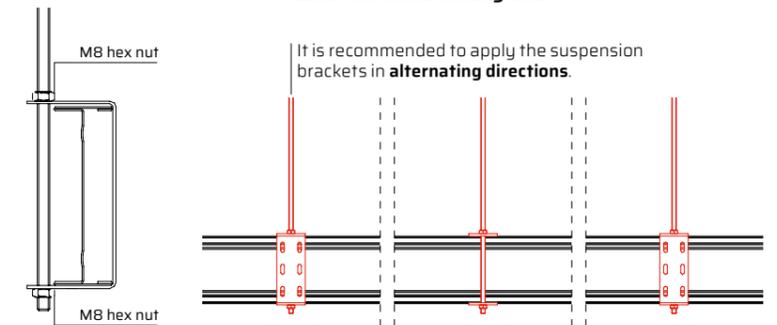
I-FORCE C-ROD8



I-FORCE C-ROD8: 20/10 galvanized steel suspension bracket for Ø8 mm threaded bar. The system allows free adjustment of the suspension point along the entire profile, positioning the bracket at the desired point.

To secure the threaded bar, we recommend using **two hex nuts**.

For seismic-resistant and/or vibration-prone applications, add a self-locking nut under the lower locking nut.



It is recommended to apply the suspension brackets in **alternating directions**.

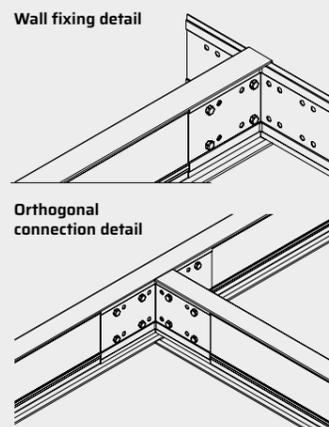
The suspension system must be installed in compliance with UNI EN 13964. In the absence of mechanical anti-loosening devices, the nuts must be tightened to the torque specified for the type of bolt used, ensuring that the preload is sufficient to prevent accidental loosening of the components under load.

I-FORCE CORNER 120 | 85 | 70 | 55

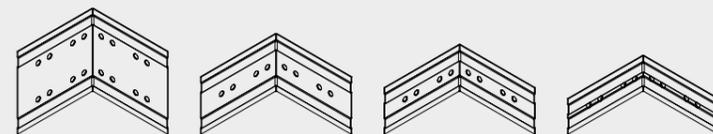
I-FORCE CORNER: universal connection in 10/10 galvanized steel for **wall fixing** and **orthogonal intersection** of profiles; available in various sizes, based on the height of the chosen I profile.

Wall application: 4 connectors for each profile (two at each end).

Orthogonal connection application: 2 connectors for each intersection.



I-FORCE profile	Fixing		Application	
	Type	Wall Qty	Orth. Qty	
120	M6x14 bolts with self-locking hex nuts	4	8	
85 70 55		2	4	

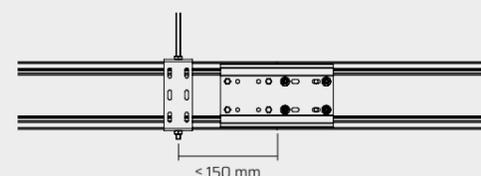


I-FORCE JOINT 120 | 85 | 70 | 55

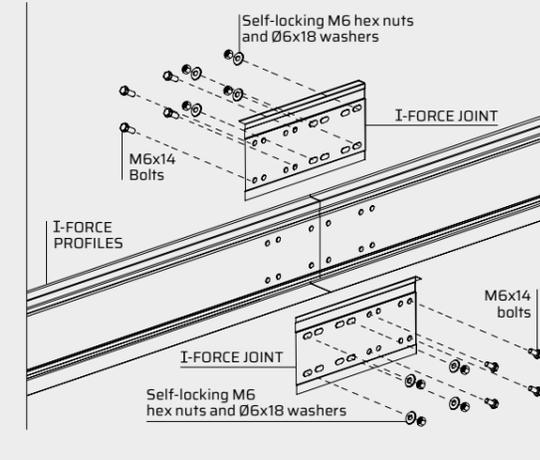
I-FORCE JOINT in 10/10 galvanized steel for the **longitudinal connection** of the I profiles.

Attach **two connectors** to each joint (front/back), taking care to position the connectors so that the slot and hole fit together.

Stagger the connectors between adjacent profiles and position the **suspensions no more than 150 mm from the connection point**.



Opposing joints for slot-hole coupling



I-FORCE Profile	Fixing	
	Type	Qty
120	M6x14 bolts with self-locking hex nuts and Ø6x18 washers	8*
85 70 55		4*

* 8 (4 at each side) | 4 (2 at each side)

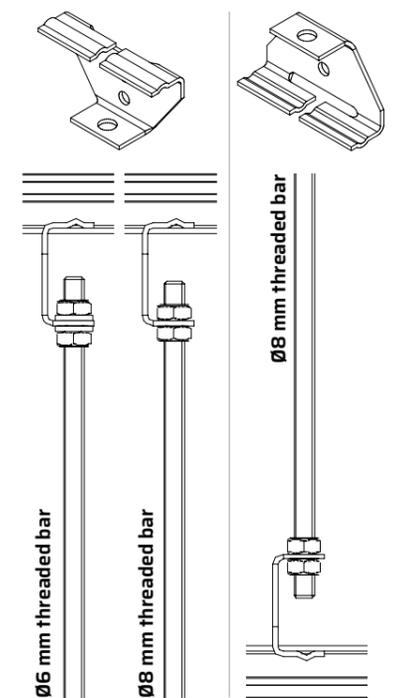
I-FORCE ROD 6/8

I-FORCE ROD 6/8: 20/10 galvanized steel suspension bracket for Ø6 and Ø8 mm threaded bar. **Ø8 mm threaded bar** for suspending the I profiles from the ceiling; **Ø6 or Ø8 mm threaded bar** depending on the required load-bearing capacity for suspending additional elements to the I profiles.

The system allows free adjustment of the suspension point along the entire length of the profile, provided that the brackets are inserted before fixing the I profiles to the wall.

Threaded bar tightening
Ø8 mm - 2 M8 hex nuts
Ø6 mm - 2 M6 hex nuts and Ø6x12 washers.

For seismic and/or vibration-prone applications, add a self-locking nut under the lower tightening nut.



I-FORCE

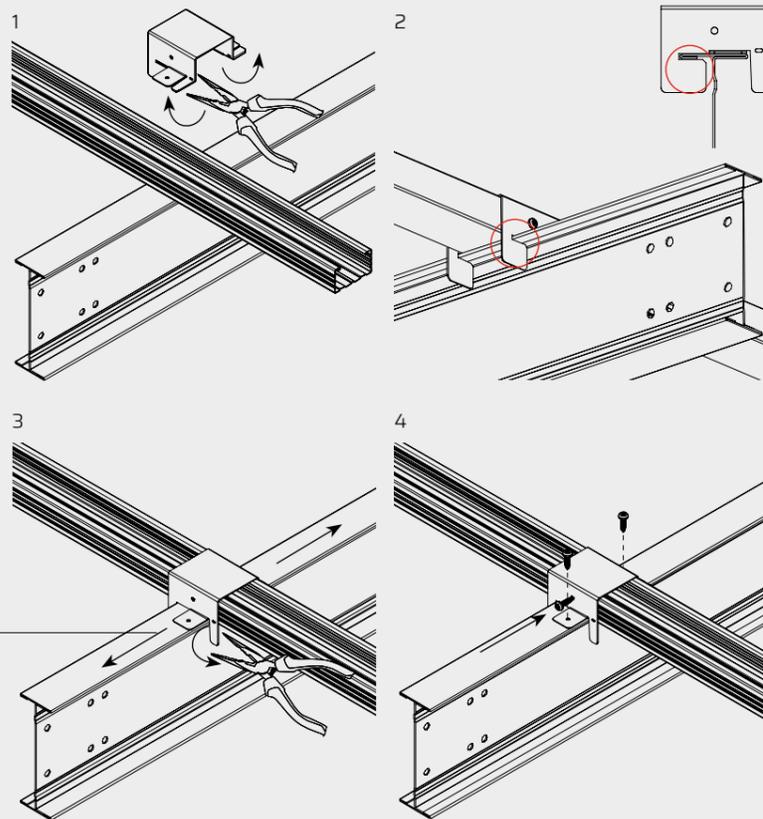
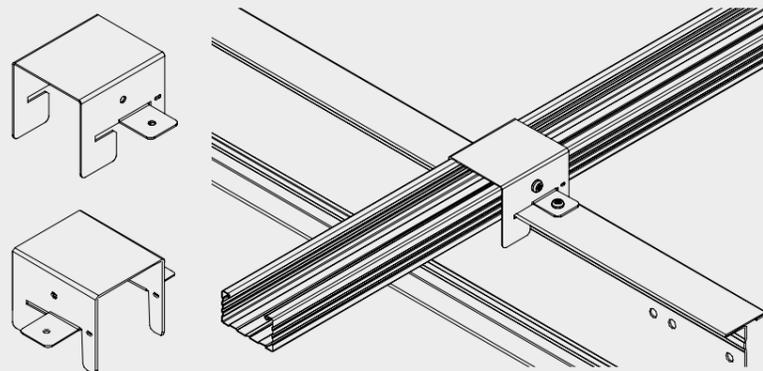
I-FORCE 4927

I-FORCE 4927: 10/10 galvanized steel bracket for coupling and fixing the upper distribution and transverse stiffening "C" profiles. Compatible with "C" profiles BA (Rounded Edge) and BS (Flattened Edge - Standard).

Equipped with special hooks, the bracket attaches easily to the I profile. The holes and side flanges allow a quick fastening using **4.2x13 TEK self-drilling screws**.

For correct installation:

1. Open the safety wings;
1. Attach the bracket where the profile core folds under the head;
1. Close the wings to secure the "C" profile;
1. Once the position is determined, secure a self-drilling screw to the side of the "C" profile and two self-drilling screws to the side flanges.

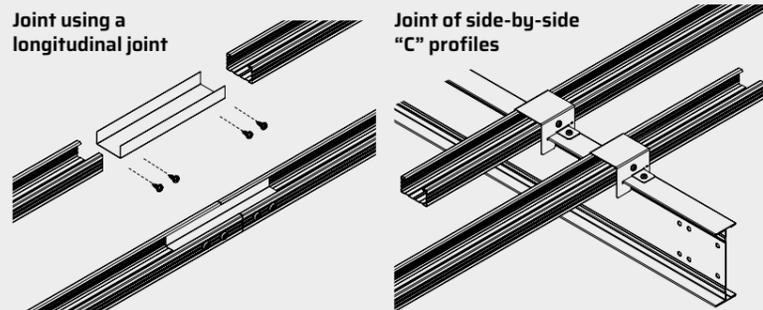


The bracket allows free adjustment of the fixing point along the entire extension of the profile.

It is recommended not to use the transverse stiffening "C" profiles as anchor points for suspending loads.

Check the installation spacing based on the permissible load values indicated in the table on page 11.

Junction of the "C" profiles: the "C" profiles can be joined using a longitudinal joint fixed to both profiles with 4 self-drilling cylindrical head screws 4.2x13 TEK (2 per side) or using the I-FORCE 4927 bracket to join 2 profiles side by side.



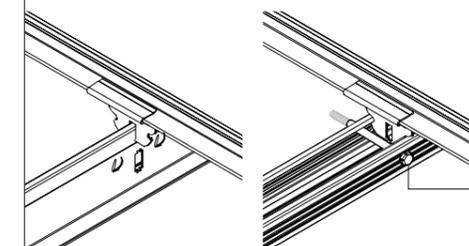
I-FORCE T | 4927 BA

I-FORCE T | 4927 BA double-use connector, for suspending T-profiles and 49x27 BA section "C" profiles (Rounded Edge).

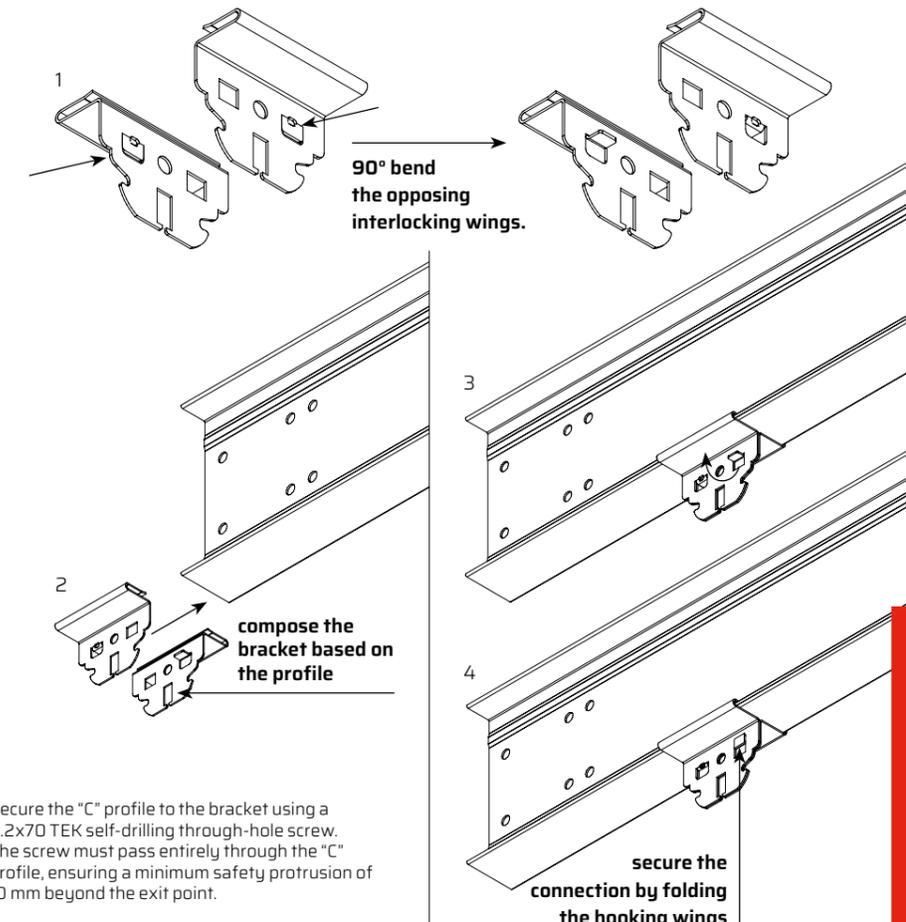
Made of 10/10 galvanized steel, the **I-FORCE T | 4927 BA** bracket is composed of a symmetrical pair of elements specifically designed to fit into the head of the profile and freely adjust their position along the entire length of the profile.

For correct application: bend the opposing **interlocking wings** (one for each element) at 90°, then hook the pair by embracing the base of the profile and secure the connection by bending the fastening wings.

I-FORCE T | 4927 is compatible with the T-grid main profiles: FOX T24 • ANTISEISMIC • FOX T24 FOX T15 • FOX LINE • B35 and with "C" profiles 49x27 BA section (Rounded edge).



Secure the "C" profile to the bracket using a 4.2x70 TEK self-drilling through-hole screw. The screw must pass entirely through the "C" profile, ensuring a minimum safety protrusion of 10 mm beyond the exit point.



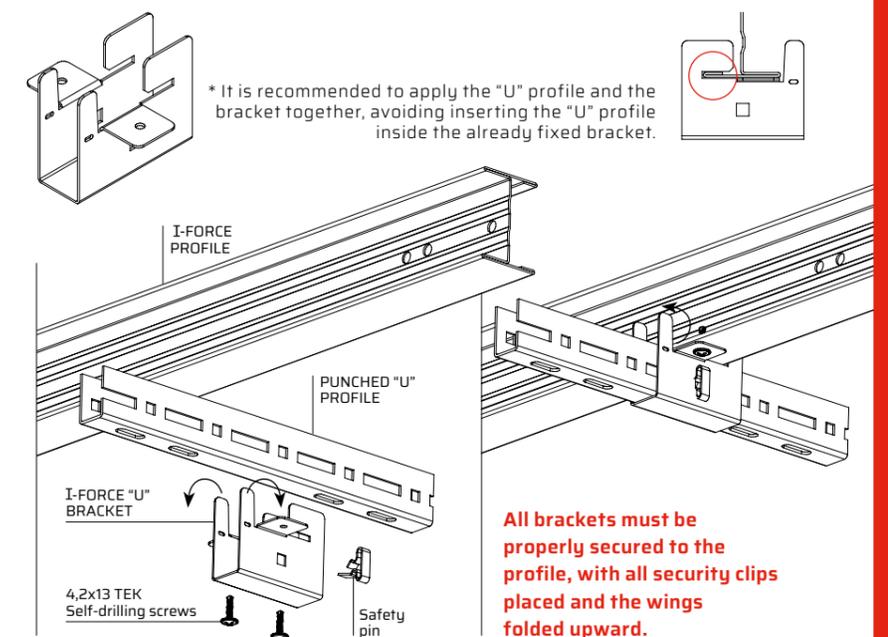
I-FORCE "U"

I-FORCE "U": 10/10 galvanized steel bracket for attaching the "U" punched profile.

Equipped with special hooks, the bracket easily attaches to the profile, allowing free adjustment of the fixing point along the entire length of the I profile.

For correct application:

- Open the safety wings;
- Prepare the U-profile and bracket;
- Attach the bracket where the profile core folds under the base*;
- Close the wings;
- Once the position is determined, secure the bracket with **two 4.2x13 TEK self-drilling screws, corresponding to the side flanges;**
- Secure the bracket-U-profile connection by inserting the **safety pin** into the square hole in the bracket and profile.



All brackets must be properly secured to the profile, with all security clips placed and the wings folded upward.

I-FORCE | PRE-CALCULATION TABLES

The I-FORCE load-bearing profiles are “non-structural elements” designed to enable the creation of primary frameworks for non-walkable false ceilings, in conditions of large spans and very high plenum. They fall within the scope of the harmonized standard UNI EN 13964 Suspended ceilings - Requirements and test methods. They are suitable for supporting technological systems in the plenum, after a static verification of the total loads and perimeter fixings by a qualified technician.

The pre-calculation tables are a useful initial assessment tool for estimating the incidence of components based on the system to be applied and the expected loads. It is recommended that the data provided be used for informational purposes only; the structural calculation and installation must be approved by a qualified engineer.

The load tables are calculated using MIDAS calculation software, considering the profiles as span beams, and indicate the maximum loads of the I-FORCE profiles under the installation conditions indicated in the table.

Suspension points refer to self-supporting configurations (wall-to-wall fastening using I-FORCE CORNER brackets) with suspension to the concrete where necessary (using I-FORCE C-ROD8 brackets and Ø8 mm threaded bars).

The load-bearing values refer exclusively to the static load of the frame in the configurations indicated above. The maximum deflection is L/300. The maximum loads for the suspended ceiling system to be applied to the I-FORCE primary frame must be evaluated considering the maximum load-bearing capacity of the individual components and accessories required for the type of ceiling to be installed.

PRE-CALCULATION TABLE CRITERIA AND METHOD APPLIED

- **Static Model:** MIDAS calculation software.
- **Fastening Systems:**
 - > Self-supporting: wall mounting with I FORCE CORNER brackets
 - > Suspended: floor mounting with I FORCE C-ROD8 brackets and Ø8 mm threaded bars.
- **Deformation Limits:** max L/300.

HOW TO USE THE PRE-CALCULATION TABLE:

To identify the permitted load, identify and cross-reference:

- > I-FORCE model and thickness
- > I-FORCE profile spacing
- > suspension spacing

The kg/m² are indicated at the corresponding row/column intersection; for example, the I-FORCE 120-12 model in 12/10 galvanized steel installed at a 1,2 m spacing with suspensions every 4,50 m will have a load capacity of 24.32 kg/m².



Anti-seismic application.

NTC 2018 for anti-seismic applications:

The false ceiling created with the I-FORCE system must be reinforced by applying specific bracing, perimeter profiles and locking accessories.



For further details on the anti-seismic configuration, please request specific documentation.

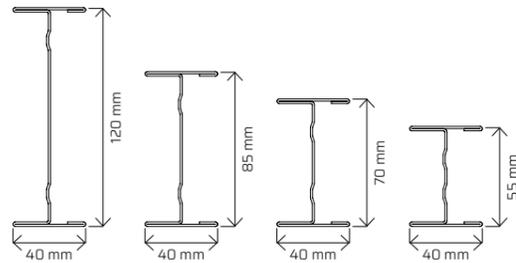
Each specific configuration of I-FORCE including the false ceiling, the suspension system, the anchors to the main structure and all applied loads, must be subject to a seismic calculation and verification report, signed by a qualified professional, which certifies its ability to satisfy the Limit States foreseen for the seismic zone of installation, according to the requirements set out in the NTC 2018 (DM 17/01/2018) and in the explanatory circular no. 7/2019, with particular reference to the verification of non-structural elements (Chap. 7.2.3)

BEARING CAPACITY

LOADS DISTRIBUTED PER Kg/m ² WITH INTERAXIS BETWEEN PROFILES I-FORCE OF 1 - 1,2 - 1,3 - 1,4 and 1,6 m								
Superstructure with secondary suspension systems Permissible deflection phenomena max L/300								
Upper balancing bar "C" profile 49x27x0.6		1 "C" PROFILE		2 "C" PROFILE		3 "C" PROFILE		
MODEL	SECTION	TH.	INTERAXES PROFILES I-FORCE (m)	Suspension interaxe (m)				
				2.50	3.50	4.50	5.50	6.50
I-FORCE 120-12	40x120	12/10	1.0	98,51	36,68	29,19	19,34	13,75
			1.2	82,09	30,56	24,32	16,12	11,46
			1.3	75,78	28,21	22,45	14,88	10,57
			1.4	70,37	26,20	20,85	13,81	9,82
			1.6	61,57	22,92	18,24	12,09	8,59
I-FORCE 120-10	40x120	10/10	1.0	93,53	32,48	27,65	18,32	12,65
			1.2	77,94	27,07	23,04	15,27	10,54
			1.3	71,95	24,99	21,27	14,09	9,73
			1.4	66,81	23,20	19,75	13,09	9,03
			1.6	58,46	20,30	17,28	11,45	7,90
I-FORCE 85-08	40x85	8/10	1.0	62,69	26,45	18,49	12,25	8,70
			1.2	52,24	22,04	15,41	10,20	7,25
			1.3	48,22	20,35	14,22	9,42	6,69
			1.4	44,78	18,89	13,21	8,75	6,21
			1.6	39,18	16,53	11,56	7,65	5,44
I-FORCE 85-06	40x85	6/10	1.0	55,35	22,04	16,34	10,82	7,69
			1.2	46,12	18,37	13,61	9,02	6,41
			1.3	42,57	16,95	12,57	8,32	5,91
			1.4	39,53	15,74	11,67	7,73	5,49
			1.6	34,59	13,78	10,21	6,76	4,81
I-FORCE 70-06	40x70	7/10	1.0	45,18	22,85	13,32	8,82	6,06
			1.2	37,65	19,04	11,10	7,35	5,05
			1.3	34,75	17,58	10,25	6,79	4,66
			1.4	32,27	16,32	9,52	6,30	4,33
			1.6	28,24	14,28	8,33	5,51	3,79
I-FORCE 55-06	40x55	6/10	1.0	35,10	17,37	10,33	5,76	3,51
			1.2	29,25	14,48	8,61	4,80	2,93
			1.3	27,00	13,36	7,94	4,43	2,70
			1.4	25,07	12,41	7,38	4,11	2,51
			1.6	21,94	10,86	6,45	3,60	2,19

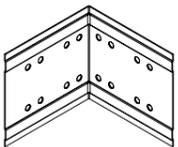
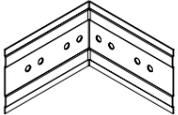
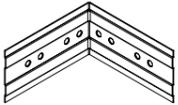
I-FORCE | PROFILES AND ACCESSORIES

ACCESSORIES | FITTINGS LIST



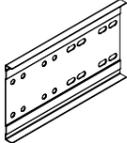
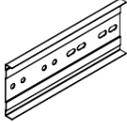
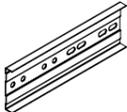
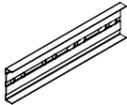
PROFILES											
Code	Item	Dimension (mm)	Lenght (mm)	Material Type	Th.	Profiles per pallet	kg profile	kg pallet	ml pallet	Pallet dimension (BxhXL) mm	
FI4012040C12ZIN65	I-FORCE 120-12	40x120x40	6500	ACZ	12/10	25	15,21	380	162,5	545x215x6500	
FI4012040C10ZIN65	I-FORCE 120-10	40x120x40	5500	ACZ	10/10	25	10,72	268	137,5	545x215x5500	
FI4008540C08ZIN50	I-FORCE 85-08	40x85x40	5000	ACZ	8/10	25	6,70	167,5	125	545x180x5000	
FI4008540C06ZIN50	I-FORCE 85-06	40x85x40	5000	ACZ	6/10	25	5,00	125	125	545x180x5000	
FI4007040C07ZIN50	I-FORCE 70-07	40x70x40	5000	ACZ	7/10	25	5,45	136	125	545x165x5000	
FI4005540C06ZIN50	I-FORCE 55-06	40x55x40	5000	ACZ	6/10	25	4,30	107,5	125	545x150x5000	

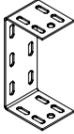
ACZ = Galvanized steel

ITEM	CODE	MATERIALS	PIECES/BOX	NOTE
WALL ORTHOGONAL CONNECTOR				
	I-FORCE CORNER 120	AOSFIFOCORNER120	10/10 Galvanized steel	100 pcs
				Wall fixing: Attach 4 connectors with 4 M6x14 bolts and M6 self-locking hex nuts to each joint. Orthogonal fixing: apply 2 connectors with 8 M6x14 bolts and self-locking M6 hex nuts to each intersection.
	I-FORCE CORNER 85	AOSFIFOCORNER085	10/10 Galvanized steel	100 pcs
				Wall fixing: Attach 4 connectors with 2 M6x14 bolts and M6 self-locking hex nuts to each joint. Orthogonal fixing: apply 2 connectors with 4 M6x14 bolts and self-locking M6 hex nuts to each intersection.
	I-FORCE CORNER 70	AOSFIFOCORNER070	10/10 Galvanized steel	100 pcs
				Wall fixing: Attach 4 connectors with 2 M6x14 bolts and M6 self-locking hex nuts to each joint. Orthogonal fixing: apply 2 connectors with 4 M6x14 bolts and self-locking M6 hex nuts to each intersection.
	I-FORCE CORNER 55	AOSFIFOCORNER055	10/10 Galvanized steel	100 pcs
				Wall fixing: Attach 4 connectors with 2 M6x14 bolts and M6 self-locking hex nuts to each joint. Orthogonal fixing: apply 2 connectors with 4 M6x14 bolts and self-locking M6 hex nuts to each intersection.

All dimensions are nominal and expressed in millimeters.
All technical specification data and information can be changed without advise.
For further information please contact sales department:
tel. + 39 0421 75526 export@atena-it.com

ACCESSORIES | FITTINGS LIST

ITEM	CODE	MATERIALS	PIECES/BOX	NOTE
LONGITUDINAL JOINT				
	I-FORCE JOINT 120	AOGIIFJOINT120	10/10 Galvanized steel	100 pcs
				For each connection, apply: 2 joints with 8 M6x14 bolts, M6 hex nuts and Ø6x18 washers.
	I-FORCE JOINT 85	AOGIIFJOINT085	10/10 Galvanized steel	100 pcs
				For each connection, apply: 2 joints with 4 M6x14 bolts, M6 hex nuts and Ø6x18 washers.
	I-FORCE JOINT 70	AOGIIFJOINT070	10/10 Galvanized steel	100 pcs
				For each connection, apply: 2 joints with 4 M6x14 bolts, M6 hex nuts and Ø6x18 washers.
	I-FORCE JOINT 55	AOGIIFJOINT155	10/10 Galvanized steel	100 pcs
				For each connection, apply: 2 joints with 4 M6x14 bolts, M6 hex nuts and Ø6x18 washers.

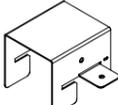
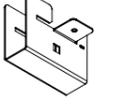
ITEM	CODE	MATERIALS	PIECES/BOX	NOTE
I PROFILES SUSPENSION BRACKET				
	I-FORCE C-ROD8 120	AOSOIFOCROD8120	10/10 Galvanized steel	100 pcs
				Fixing: 1 x Ø8 mm threaded bar 2 x M8 hex nuts.
	I-FORCE C-ROD8 85	AOSOIFOCROD8085	10/10 Galvanized steel	100 pcs
				Fixing: 1 x Ø8 mm threaded bar 2 x M8 hex nuts.
	I-FORCE C-ROD8 70	AOSOIFOCROD8070	10/10 Galvanized steel	100 pcs
				Fixing: 1 x Ø8 mm threaded bar 2 x M8 hex nuts.
	I-FORCE C-ROD8 55	AOSOIFOCROD8055	10/10 Galvanized steel	100 pcs
				Fixing: 1 x Ø8 mm threaded bar 2 x M8 hex nuts.

All dimensions are nominal and expressed in millimeters.
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For further information please contact sales department:
tel. + 39 0421 75526 export@atena-it.com

I-FORCE | PROFILES AND ACCESSORIES

PERFORMANCES

ACCESSORIES | FITTINGS LIST

ITEM	CODE	MATERIALS	PIECES/BOX	NOTE
ACCESSORIES AND CONNECTORS				
	I-FORCE ROD 6/8	A0S0IFOR0D68	20/10 Galvanized steel	100 pcs
				Fixing*: with Ø8 threaded bar 2 x M8 hex nuts with Ø6 threaded bar 2 M6 hex nuts 2 Ø6x12 washers
	I-FORCE 4927	A0SFIF4927	10/10 Galvanized steel	100 pcs
				Fixing*: 1 self-drilling screw 4.2x13 TEK.
	I-FORCE T 49x27 BA	A0SFIFT4927BA	10/10 Galvanized steel	100 pcs
				Securing the upright using a self-drilling 4.2x70 TEK through screw
	I-FORCE "U"	A0SFIFU	10/10 Galvanized steel	100 pcs
				Fixing: 1 pin clip 2 self-drilling screws 4.2x13 TEK.
	SAFETY PIN CLIP	APCLSPINASTPR	Spring steel	100 pcs
				Apply 1 pin clip to each bracket I-FORCE "U"

* For seismic and/or vibration-prone applications, add a self-locking nut under the lower tightening nut.

ITEM	CODE	MATERIALS	PIECES/BOX	NOTE
FIXING				
4,2x70 TEK SELF-DRILLING SCREW	4,2x70	-	Galvanized steel	1000 pcs
4,2x13 TEK SELF-DRILLING SCREW	4,2x13	-	Galvanized steel	1000 pcs
M6x14 BOLT 8.8 class	M6x14	XVTCEI61	Galvanized steel	1000 pcs
M6 HEX NUT 8 class	M6	XDM6	Galvanized steel	1000 pcs
M6 SELF-LOCKING HEX NUT 8 class	M6	XDM6AUT	Galvanized steel	1000 pcs
WASHER M6 narrow s. 6x12	Ø6x12	-	Galvanized steel	2000 pcs
RONDELLA M6 large s. 6x18	Ø6x18	-	Galvanized steel	2000 pcs
M8 HEX NUT 8 class	M6	XDM8	Galvanized steel	1000 pcs
M8 SELF-LOCKING HEX NUT 8 class	M6	XDM8AUT	Galvanized steel	1000 pcs
THREADED BARS				
Ø6 THREADED BAR 4.8 class	Ø6 mm L. 1000 mm	A0BF00061000	Galvanized steel	100 - pcs/ bundle
Ø6 THREADED BAR 4.8 class	Ø6 mm L. 1500 mm	A0BF00061500	Galvanized steel	100 - pcs/ bundle
Ø6 THREADED BAR 4.8 class	Ø6 mm L. 3000 mm	A0BF00063000	Galvanized steel	100 - pcs/ bundle
Ø8 THREADED BAR 8.8 class	Ø8 mm L. 1000 mm	A0BF00081000	Galvanized steel	100 - pcs/ bundle
Ø8 THREADED BAR 8.8 class	Ø8 mm L. 1500 mm	A0BF00081500	Galvanized steel	100 - pcs/ bundle
Ø8 THREADED BAR 8.8 class	Ø8 mm L. 3000 mm	A0BF00083000	Galvanized steel	100 - pcs/ bundle

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	EXPOSURE CLASS	A Class		FLEXION RESISTANCE	Maximum span mm 1200 1 Class EN13964
	CORROSION RESISTANCE	Galvanized steel products: C2 Class Pre-painted galvanized steel products: C3 Class Post-painted galvanized steel products: C2 C4 Class Pre/post-painted aluminium products: C5 Class			
	(RH%) RELATIVE HUMIDITY RESISTANCE	Galvanized steel products: ≤ 90% Pre/post-painted galvanized steel products: > 90% Stainless steel and aluminium products: > 90			
	FIRE REACTION	A1 Class UNI EN 13501-1			
	METAL CEILING MAXIMUM LOAD	Depending on the configuration chosen			
	CLEANING	Wet cloth with warm water and neutral non-abrasive detergents.			
	LIGHT REFLECTION	Gloss smooth white: up to 85% ISO 7724-2 (3)		COLOR STABILITY	In compliance with standard technical tolerances. Test according the ΔE - CIELab method. ISO 7724-2 (3)
	DURABILITY OF OF PAINTED ITEMS	C Class EN13964		DURABILITY OF GALVANIZED ITEMS	B Class EN13964
SUSTAINABILITY					
Data declared according to ISO 14021 standard and validated during the EPD verification. Type III environmental labelling.					
	RECYCLED PRODUCT CONTENT	Compliance CAM 2.5.8		GREEN BUILDING	Requirements compliance: LEED® BREEAM® WELL™ CAM 1.3.4
	MATERIAL DEMOLITION AND REMOVAL	Non hazardous waste in compliance with CAM 2.6.2.		GREEN ENERGY	Renewables prevalent use CAM 1.2
	DISASSEMBLY	Steel Aluminium 100% recyclable CAM 2.6.2 2.4.14		WASTE MANAGEMENT	Compliance CAM 2.6.2.
	ACOUSTIC PERFORMANCE	CAM 2.4.11		BIM DESIGN AND MAINTENANCE PLAN OF THE WORK	CAM 2.7.3 2.4.13
	SVHC PRESENCE	Compliance CAM 2.5.7		FORMALDEHYDE	Absent E1 Class CAM 2.5.1. 3.2.8
	RELEASE OF DANGEROUS SUBSTANCES	None CAM 2.5.1. 3.2.8 EN13964	Requirement 2.5.1 - Compliance on all products. Rewarding requirement 3.2.8 - Compliance for post painted products with "Gold Leaf" high performance coating.		

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