ALUMINUM EXTRUSION PROFILE AND ACCESORIES

MEXFRAME

ASI INDUSTRIAL

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Aluminum vs Steel

Think about the fact that, volume for volume aluminum is one third the weight of iron, steel, copper or brass. Yet it has yield strenght of 35, 000 psi, which means it is comparable to A36 steel carbon (frequently used in applications such as equipment and machinery supports as well as building frames). Furthermore, aluminum is resilient and can flex under loads or reshape itself after the shock of impact.

T-slot Aluminim

Modular is just a part of the many benefits aluminum offers to those looking for an alternative to steel and iron. Other benefits:

-Weighs less than steel
-Corrosion-resistant
-No welding required
-Costs less than steel
-Strength similar to steel
-Machining not required

Welded Steel Frame

For the skilled welder, steel can be a viable option but for many it's not an option for many reasons:

-More time and labor
-Welding required
-Machining required
-More expensive
-Needs painting
-One fixed design

Mexico

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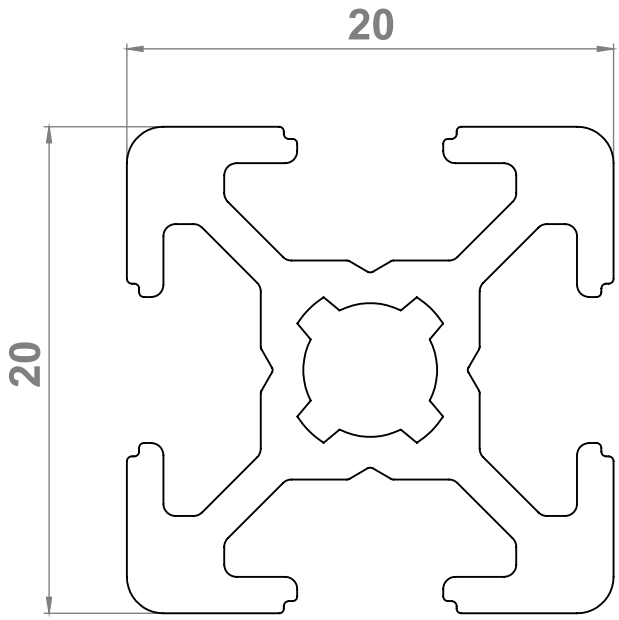
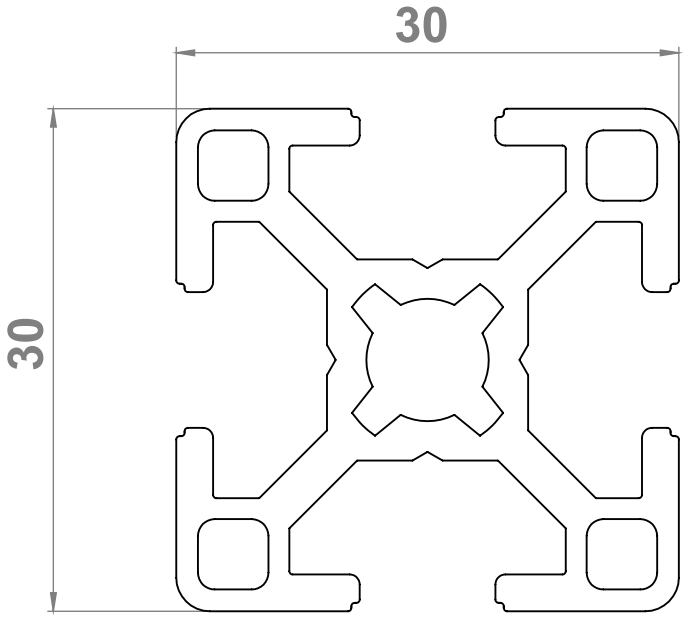
Part No. MM-20x20



Profile 20x20

Slot:
6 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

Part No. MM-30x30



Profile 30x30

Slot:
8 mm
Hardness (Webster):
T5
Color:
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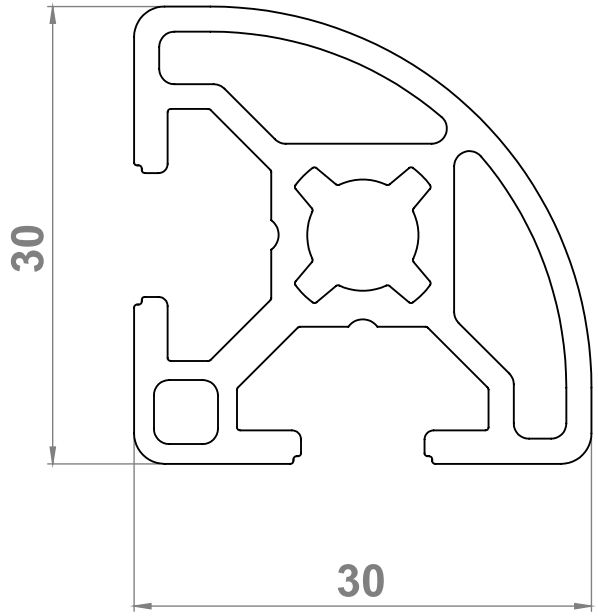
Aplication:
Anodized
Alloy:
60-63

MEXFRAME

Part No. MM-30x30R



Profile 30x30R

Slot:
8 mm
Hardness (Webster):
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Color:
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Aplication:
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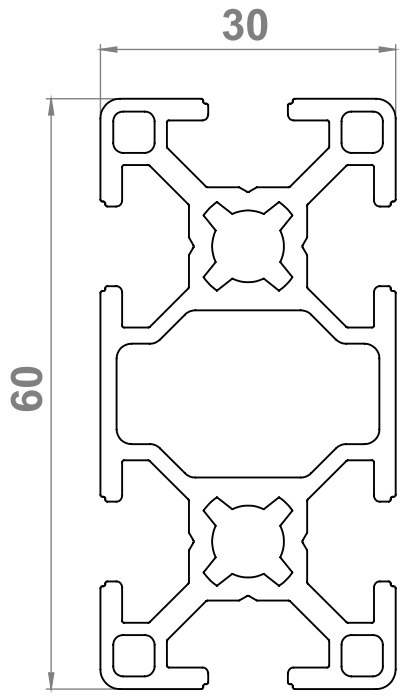
Alloy:
60-63

Part No. MM-30x60



Profile 30x60

Slot:
8 mm
Hardness (Webster):
T5
Color:
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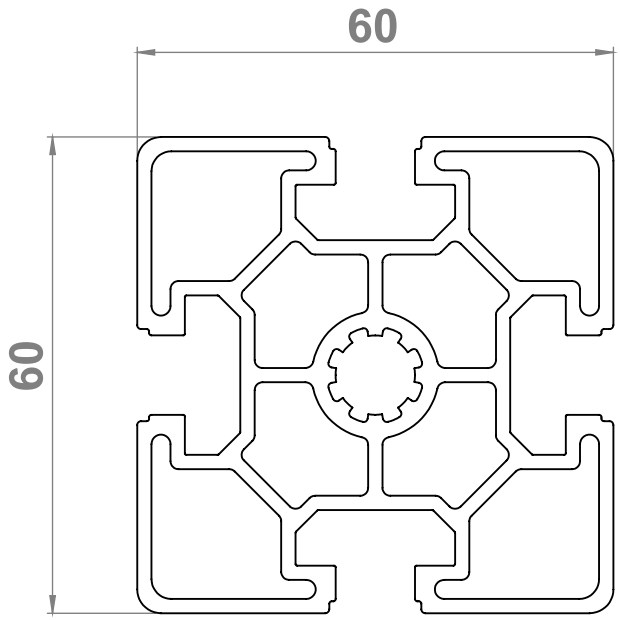
Aplication:
Anodized
Alloy:
60-63

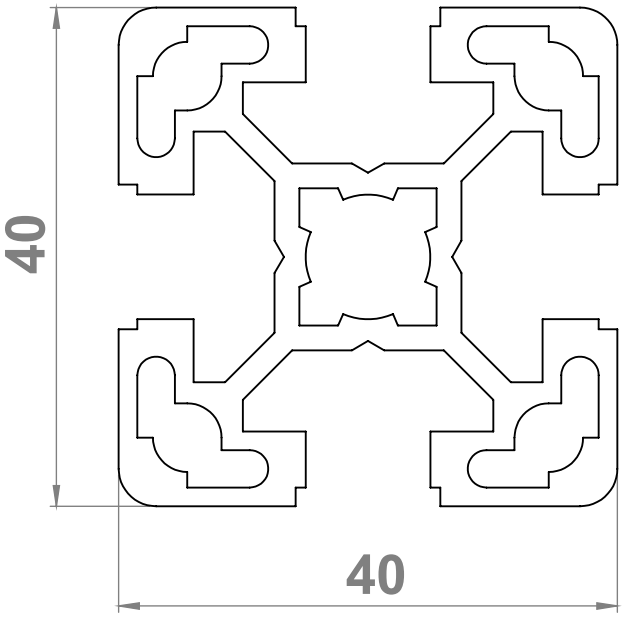
Part No. MM-60x60



Profile 60x60L

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

Part No. MM-40x40



Profile 40x40L

Slot:
10 mm
Hardness (Webster):
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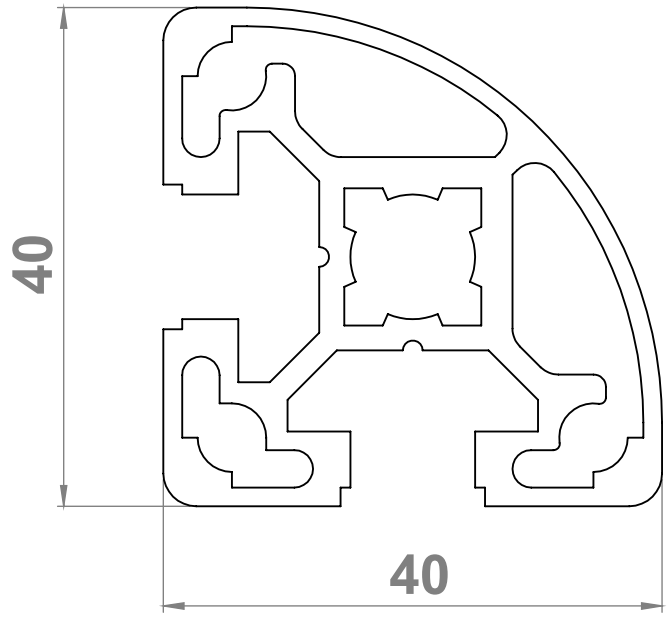
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

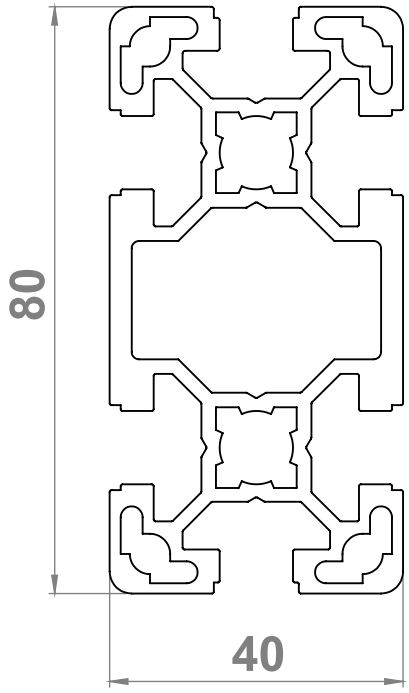
Part No. MM-40x40 R



Profile 40x40R

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

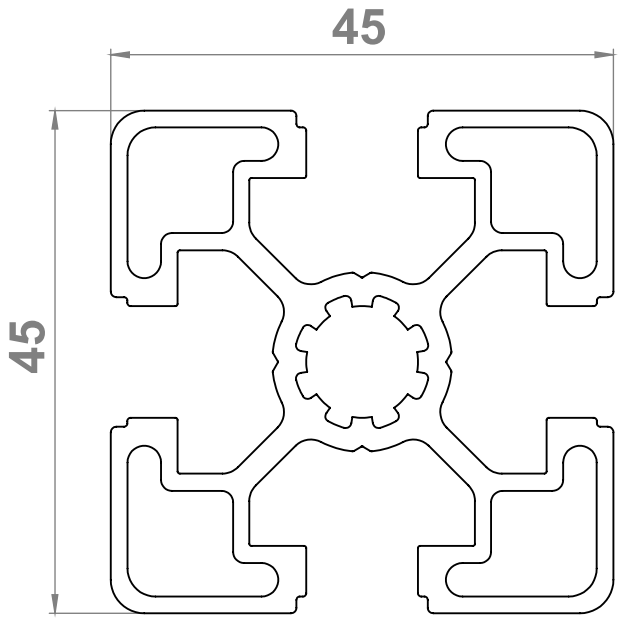
Part No. MM-40x80



Profile 40x80

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

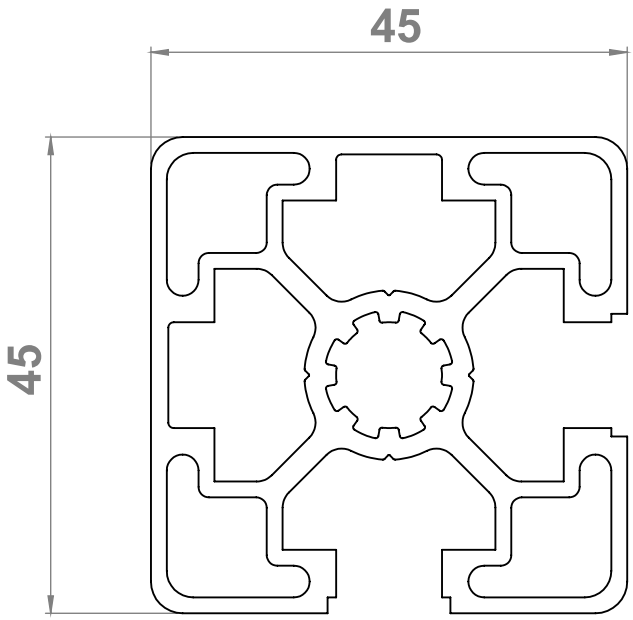
Part No. MM-45x45L



Profile 45x45

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

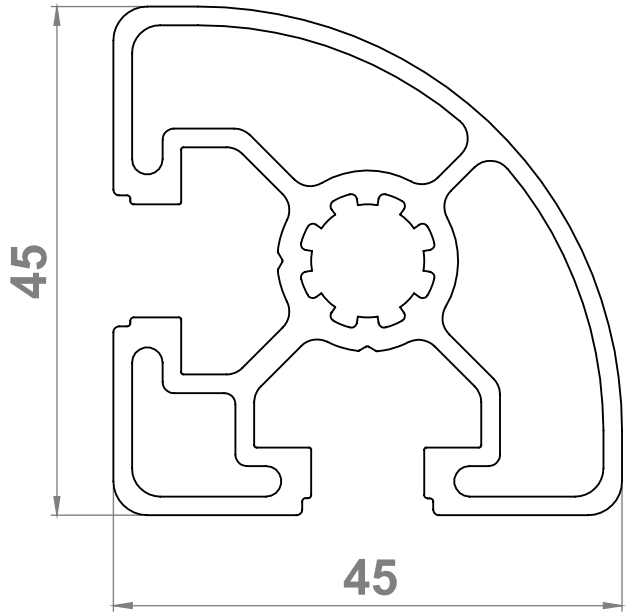
Part No. MM-45x45 2L



Profile 45x45 2L

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

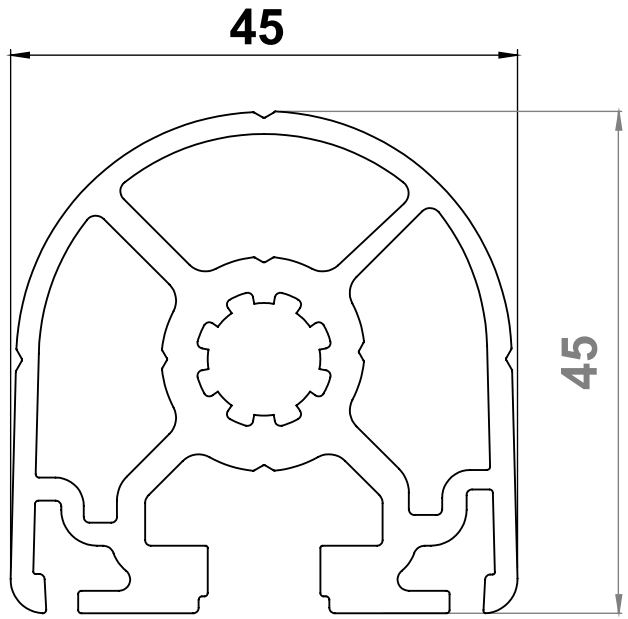
Part No. MM-45x45R



Profile 45x45R

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

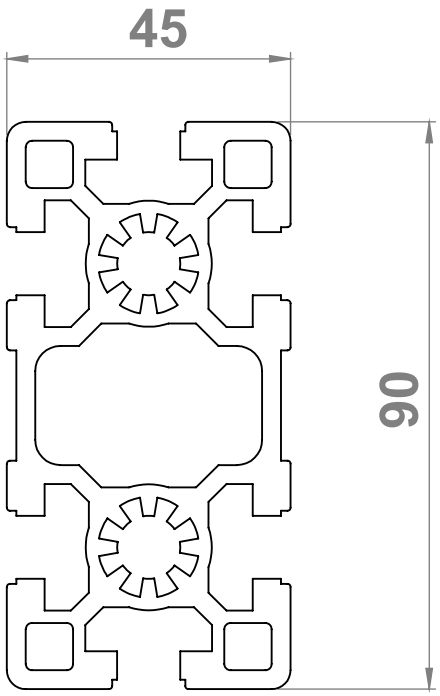
Part No. MM-45x45HR



Profile 45x45HR

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

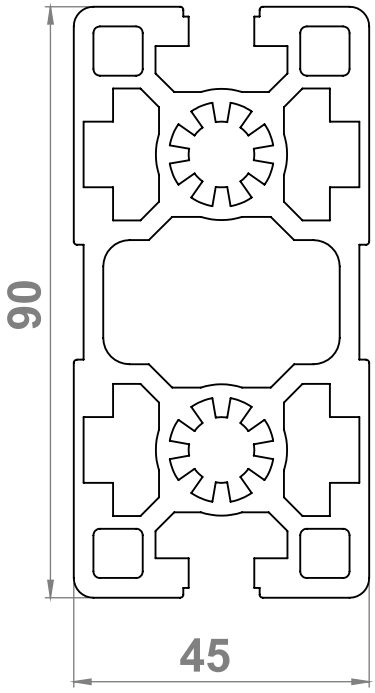
Part No. MM-45x90 L



Profile 45x90L

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

Part No. MM-45x90 2L



Profile 45x90L2N

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

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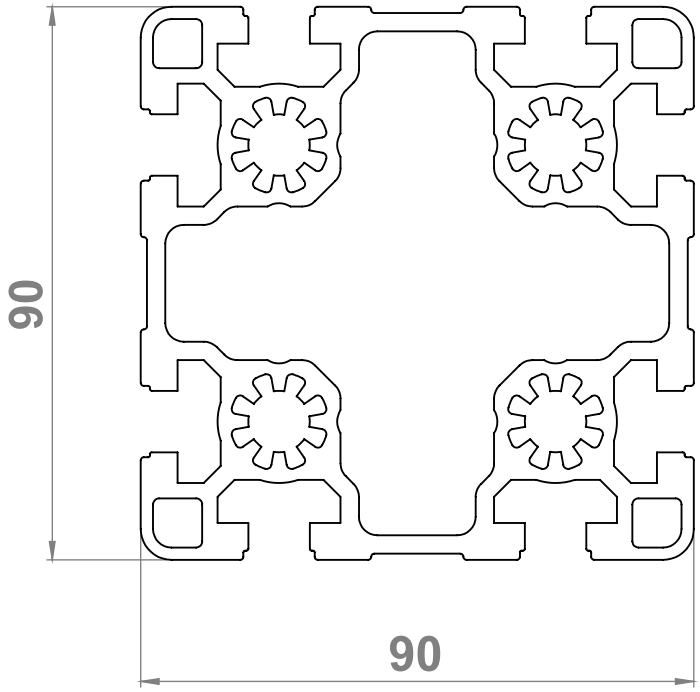
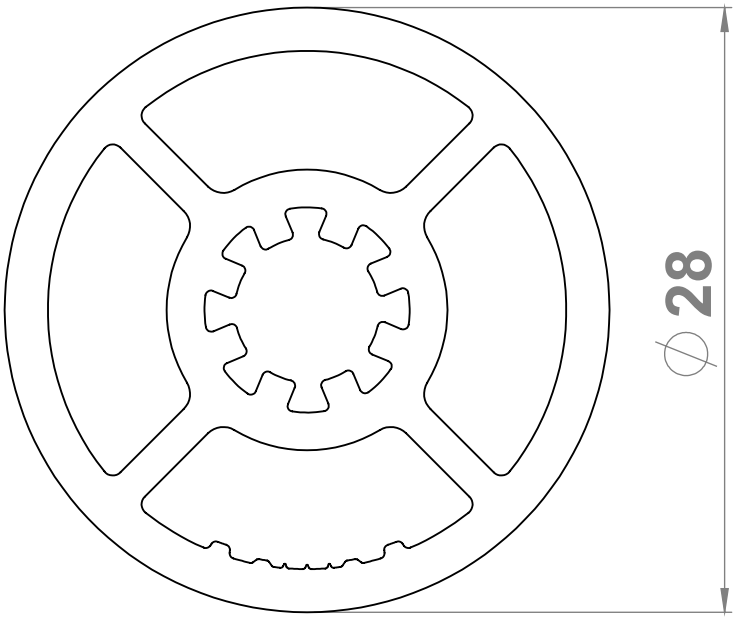
Part No. MM-90x90



Profile 90x90L

Slot:
10 mm
Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

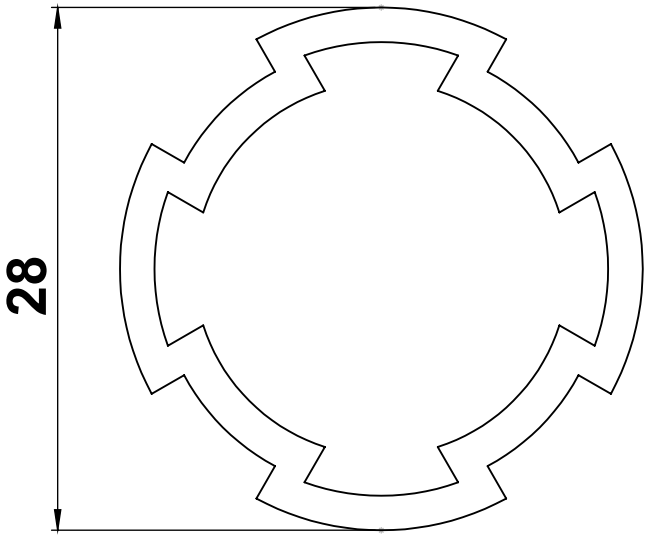
Part No. MM-D28



Profile 28D FLAT

Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

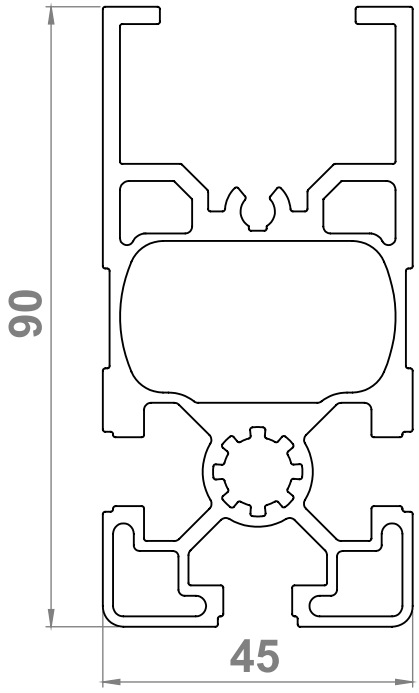
Part No. MM-D28L



Profile 28D

Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

Part No. MM-45x90C



Profile 45x90C

Slot:
10 mm
Hardness (Webster):
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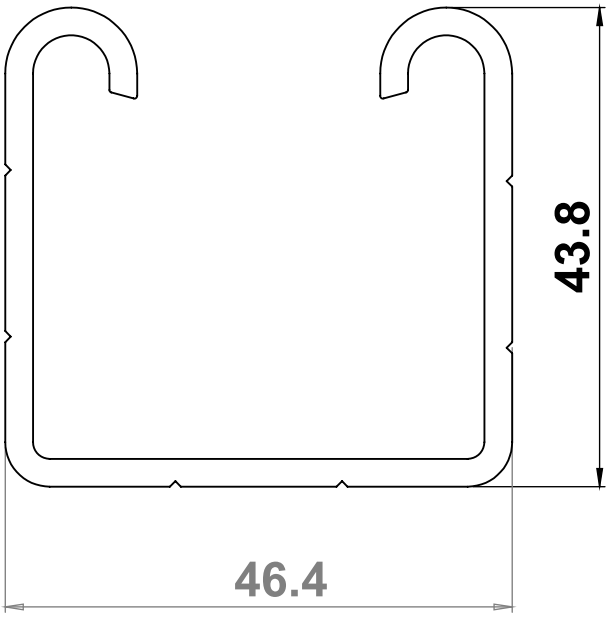
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

Part No. MM-SOLAR UNIPOLAR



Profile Solar

Hardness (Webster):
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Color:
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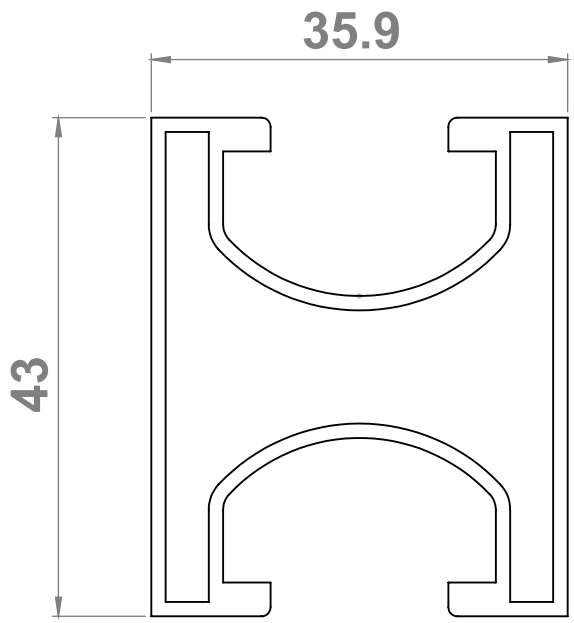
Aplication:
Anodized
Alloy:
60-63

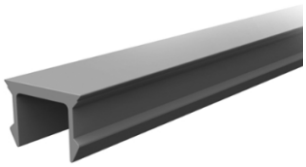
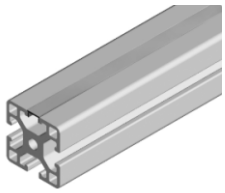
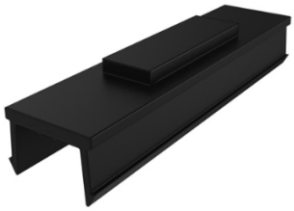
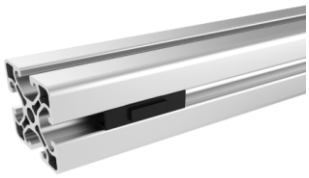
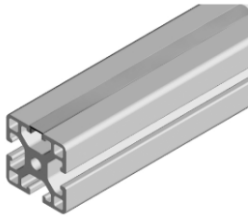
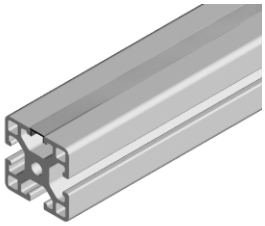
MM-SOLAR 2L UNIPOLAR



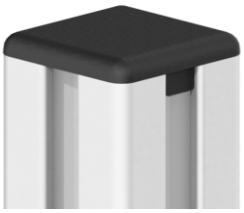
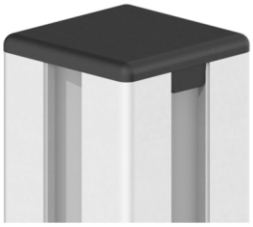
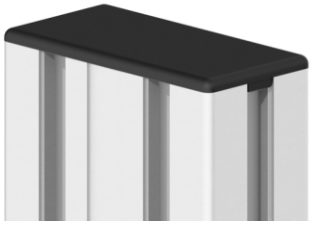
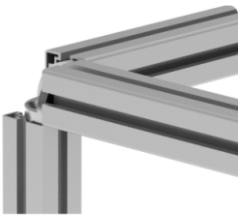
Profile 2 Solar

Hardness (Webster):
T5
Color:
Matting 12 microns
Aplication:
Anodized
Alloy:
60-63

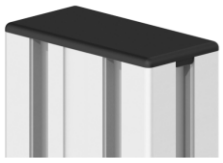
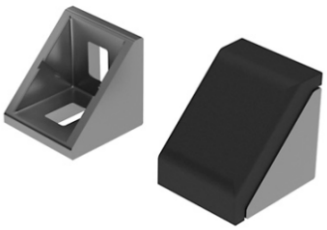
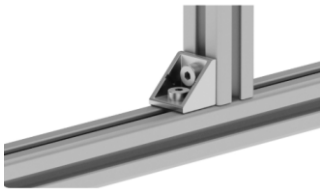
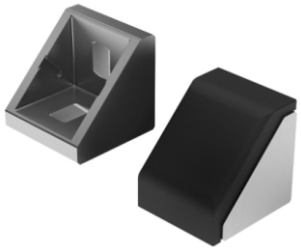
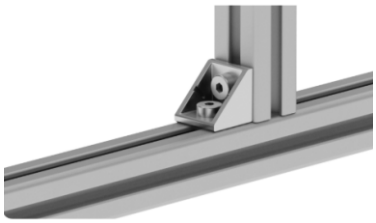
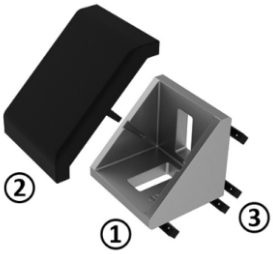
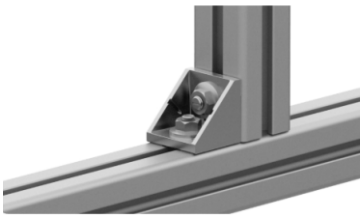
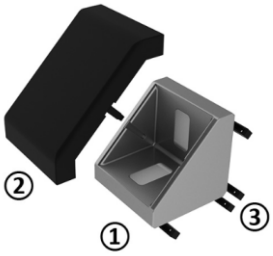
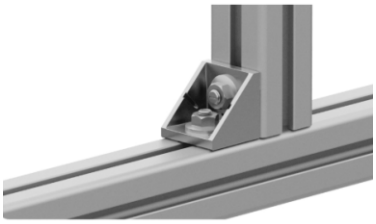
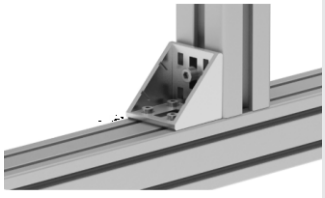
Slots

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-554	Cover Profile, PVC, Slot 10, Length: 2m, Grey colour RAL7035		
ASI-555	Cover Profile, PVC, Slot 10, Length: 2m, Black colour		
ASI-556	Cover Profile, PVC, Slot 8, Length: 2m, Grey colour RAL7035		
ASI-557	Cover Profile, PVC, Slot 8, Length: 2m Black colour		

Covers

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-542	Cover Cap, PA, 20x20		
ASI-543	Conver Cap, PA, 3030		
ASI-544	Cover Cap, PA, 40x40		
ASI-545	Cover Cap, 45X45		
ASI-546	Cover Cap, 45X90		
ASI-547	3- Way connection Angle 45- die-cast Zinc, profile 45		

Covers

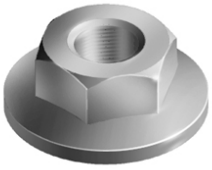
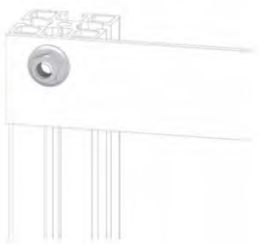
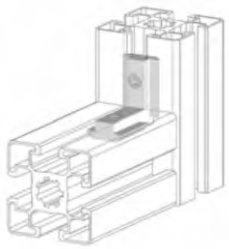
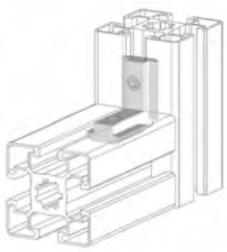
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-548	Cover Cap, 45R		
ASI-549	Cover cap for bracket 20x20		
ASI-550	Cover cap for bracket 30x30		
ASI-551	Cover cap for bracket 40x40*		
ASI-552	Cover cap for bracket 45x45*		
ASI-553	Cover cap for bracket 60x60*		

MEXFRAME

Connection Angles

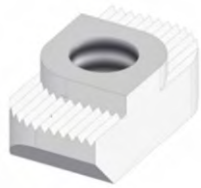
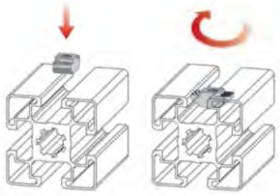
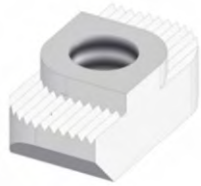
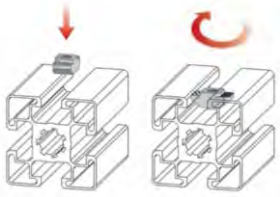
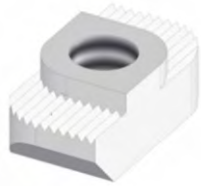
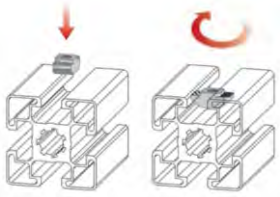
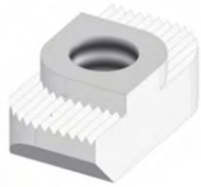
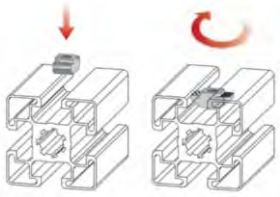
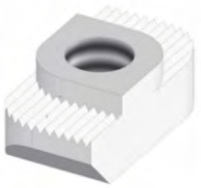
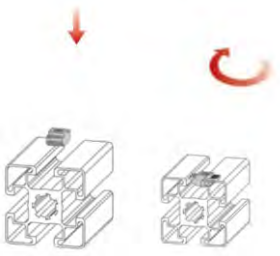
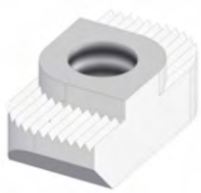
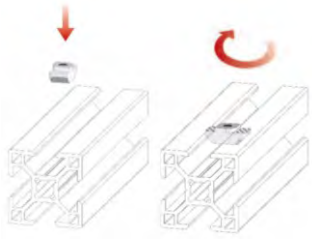
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-533	Bracket 20, Die Cast Aluminium, Profile 20, Slot 6		
ASI-534	Bracket 30, Die Cast Aluminium, Profile 30, Slot 8		
ASI-535	Alu Connection Angle 30/60 Die-cast Aluminium, Profile 30 and up		
ASI-536	Bracket 40, Die Cast Aluminium, Profile 40, Slot 10		
ASI-537	Bracket 45, Die Cast Aluminium, Profile 45, Slot 10 Kit incluye 2Pz T Nut M8X25 y 2Pz Flange Nut M8		
ASI-538	Bracket 45, Die Cast Aluminium, Profile 45, Slot 10		
ASI-539	Bracket 45x90 Die cast Aluminium		
ASI-540	Bracket 60x60, Die Cast Aluminium		
ASI-541	Bracket 90x90 Die cast Aluminium kit incluye 8Pz T Nut M8X25 y 8Pz Flange Nut M8		

Hammer Nuts

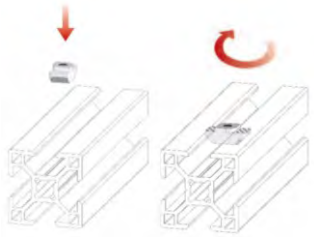
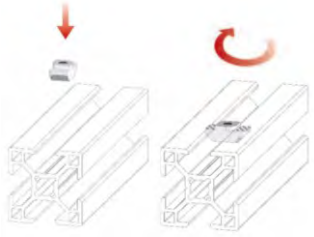
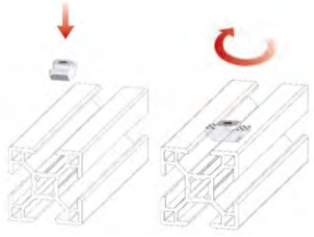
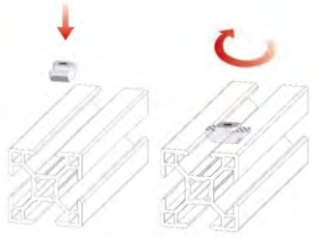
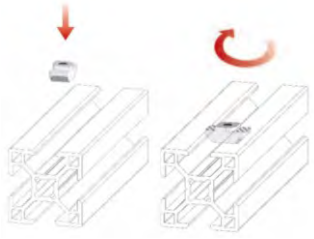
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-558	Flange Nut, M6 Class 8 (for Bracket 20), Paq. 100 piezas		
ASI-559	Flange Nut, M8, Class 8 (for Bracket 45), Paq. 100 piezas		
ASI-563	Handle, light, PA, Length=131mm, for M5 Screw		
ASI-564	Handle, 122, PA, Length=142mm, for M6 Screw		
ASI-565	Inner Bracket slot 10 (Type A)-interno		
ASI-566	Inner Bracket slot 10 (Type B)		

MEXFRAME

Hammer Nuts

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-580	T Nut, Steel, Slot 10, M4, Paq. 100 piezas		
ASI-581	T Nut, Steel, Slot 10, M5, Paq. 100 piezas		
ASI-582	T Nut, Steel, Slot 10, M6, Paq. 100 piezas		
ASI-583	T Nut, Steel, Slot 10, M8, Paq. 100 piezas		
ASI-506	T Nut, Steel, Slot 6, M4		
ASI-584	T Nut, Steel, Slot 8, M4		

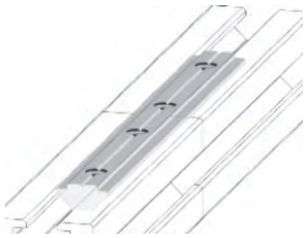
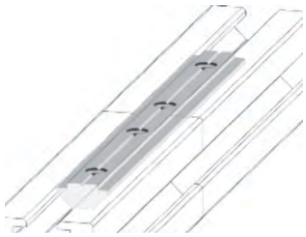
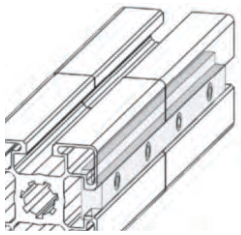
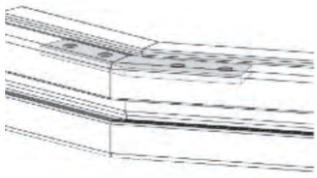
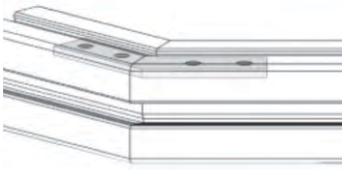
Hammer Nuts

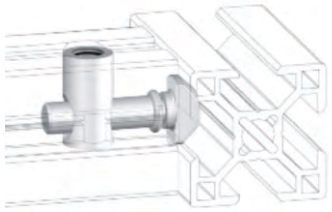
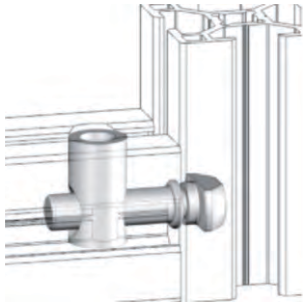
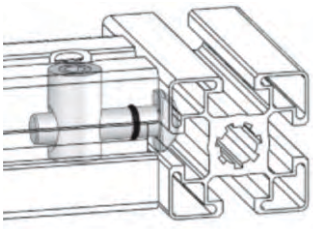
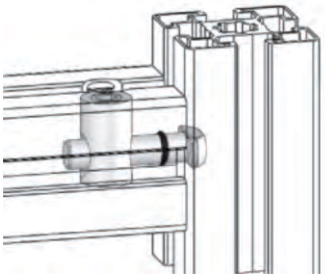
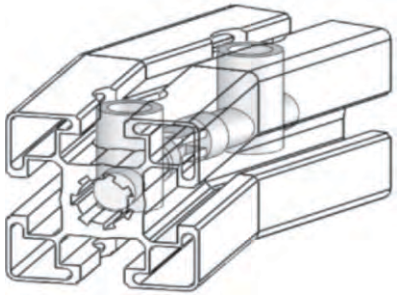
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-585	T Nut, Steel, Slot 8, M5		
ASI-586	T Nut, Steel, Slot 8, M6, Paq. 100 piezas		
ASI-587	T Nut, Steel, Slot 10, 1/4-20 UNC		
ASI-588	T Nut, Steel, Slot 10, 5/16-18 UNC		
ASI-589	T-slot Nut 11.5 x 4.0 mm Slot 6, Self-aligning, Stainless Steel		

Legs and Supports

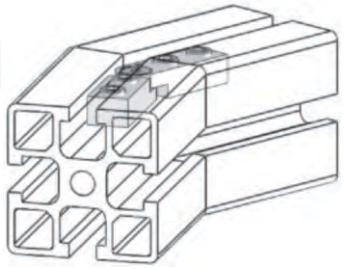
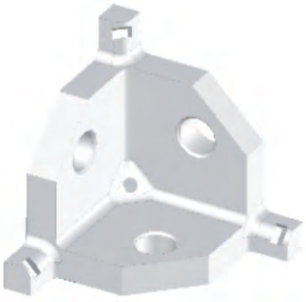
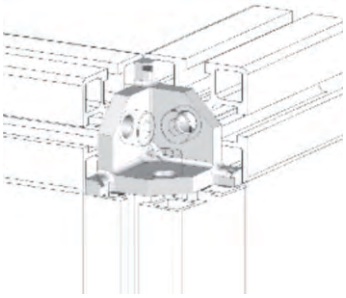
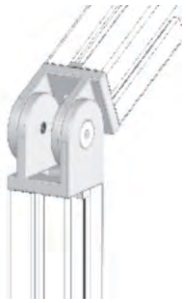
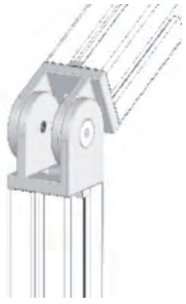
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-818	Llanta de elefante con tornillo GD-60S		
ASI-819	Llanta de elefante con placa Gd-60f		
ASI-331	Pata niveladora 45x45		
ASI-261	Pata niveladora 30x30 9D030KG08025M		
ASI-1263	Floor Anchor Bracket 40 mm 1.SUP.020		

Joints

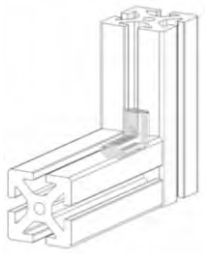
PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-1264	Galvanized Steel Linear Joint 100 mm With 4 Grub Screws M5 2.jnt.002		
ASI-1265	Galvanized Steel Linear Joint 180 mm With 4 Grub Screws M6 2.jnt.001		
ASI-1266	Galvanized Steel Linear Joint 180 mm With 4 Grub Srews M8 For Slot 10 Profile 2.jnt.009		
ASI-1268	Galvanized Steel Angular Joint 30° With 4 Grub Screws M8 For Slot 10 Profile 2.jnt.029		
ASI-1267	Galvanized Steel Angular Joint 45° With 4 Grub Screws M8 For Slot 10 Profile 2.jnt.030		

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-1269	Galvanized Steel Quick Central Connetor With Vertical Hammer Suitable For Slot 8 Profile 2.JNT.005		
ASI-1270	Galvanized Steel Quick Central Connector With Horizontal Hammer Suitable For Slot 8 Profile 2.JNT.004		
ASI-410	Galvanized Steel Quick Central Connector With Vertical Hammer For Slot 10 Profile 2.jnt.006		
ASI-480	Galvanized Steel Quick Central Connector With Horizontal Hammer For Slot 10 Profile 2.jnt.007		
ASI-1271	Galvanized Steel Linear Joint 100 mm With 4 Grub Screws M5 2.jnt.002		

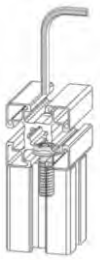
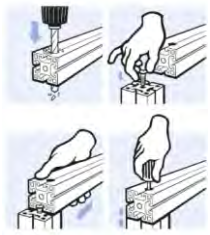
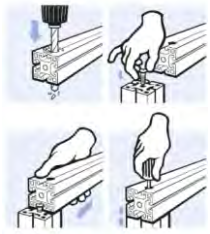
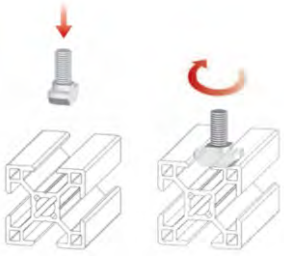
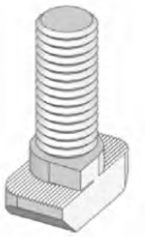
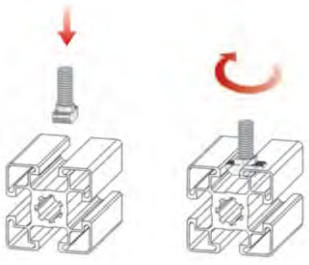
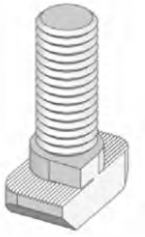
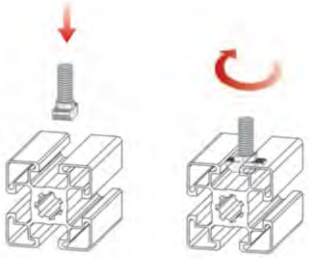
Joints

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-1272	Articulated Joint For Any Angle Completed Of 4 Grains M8 5.jnt.027		
ASI-547	3 way body connection angle supplied with screws		
ASI-888	Cover Cap for 3-Way Connection Angle 45 -Nylon, Profile 45, MONDALL 5.JNT.052 FATH 093WEA452B		
ASI-1273	Galvanized Steel Angular Joint 45° With 4 Grub Screws M6 For Slot 6 Profile 1.jnt.011		
ASI-1274	Linear Joint 90 mm Completed Of 2 Grains M8 1.jnt.022		

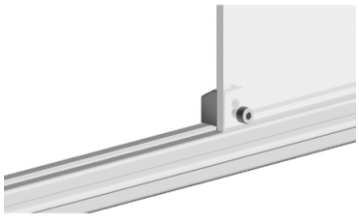
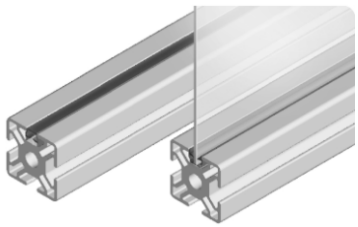
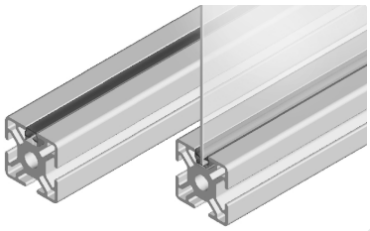
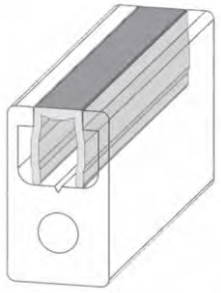
Hammer Nuts

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-567	Inner Bracket slot 8 (Type A)-interno		
ASI-568	Plastic Combi Hinge 20/20, Slot 6/6		
ASI-569	Plastic Combi Hinge 30/30, Slot 8/8, Gap: 5mm		
ASI-570	Plastic Combi Hinge 40/40, Slot 10/10		
ASI-571	Plastic Combi Hinge 45/30, Slot 10/8		
ASI-572	Plastic Combi Hinge 45/45, Slot 10/10		

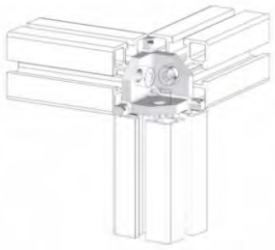
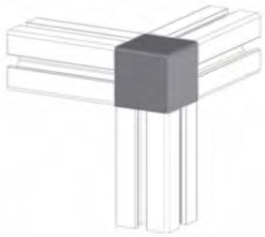
Hammer Nuts

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-573	Self-Tapping Screw S12x30, Paq. 100 piezas		
ASI-574	Self-Tapping Screw S6x16, Paq. 100 piezas		
ASI-575	Self-Tapping Screw S8x25, Paq. 100 piezas		
ASI-576	T Bolt, M6x20, Slot 8, Paq. 100		
ASI-578	T Bolt, M8x20, Class 8.8, Slot 10 (for Bracket 40)		
ASI-579	T Bolt, M8x25 H30, Class 8.8, Slot 10 (for Bracket 45), Paq. 100		

Hammer Nuts

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-592	Uniblock Profile Slot 10 M6		
ASI-593	Uniblock, PA, Profile 20, Slot 6, M5		
ASI-594	Uniblock, PA, Profile 30, Slot 8, M6		
ASI-595	Cover and Reduction Profile, Pp, Slot 8		
ASI-596	Slot Cover Reduction Slot 10 45mm		
ASI-597	Rigid Cover Profile 6mm (slot cover para perfil 20x20)		

Hammer Nuts

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
ASI-598	Kit Cubic Connector 3D 45x45, Slot 10		
ASI-599	Kit Cubic Connector 3D 40x40, Slot 8		

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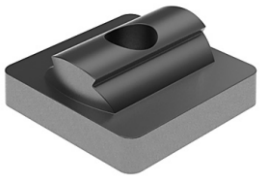
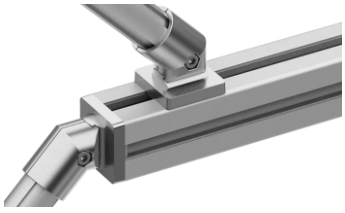
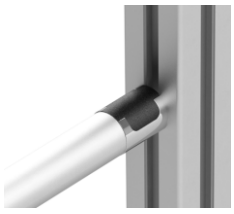
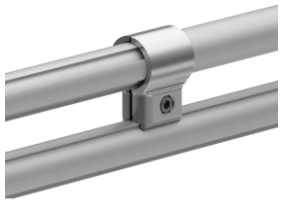
28 Series Connection Components

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
MM-2801	Set tubular frame connector D28 90°		
MM-2802	Set tubular frame corner connector D28 90° ANGLE		
MM-2803	Set tubular frame ball connector D28		
MM-2804	Set adapter Plate 45x45 for tubular frame connector D28		
MM-2805	Set tubular frame T-Connector D28, SLOT 10		

Connection Angles

PART NUMBER	DESCRIPTION	DESIGN	APPLICATION
MM-2806	Tubular frame connector 28 Threaded Sleeve PA conductive		
MM-2807	Set tubular frame Connector D28 45 Angle		
MM-2808	Set tubular frame Cross Connector D28 X		
MM-2809	Parallel Connector D28		
MM-2810	Set tubular frame Connector Gripper D28 Parallel Clamp		
MM-2811	Cover Cap for D28 tubular Frame		

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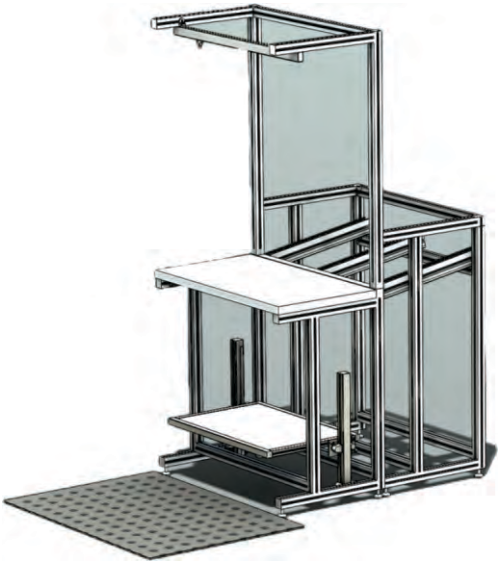
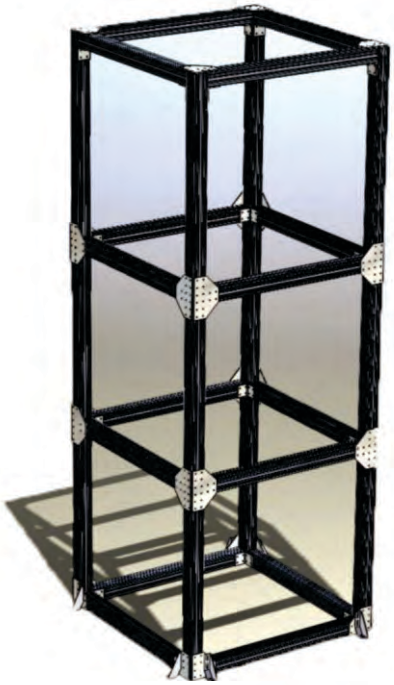
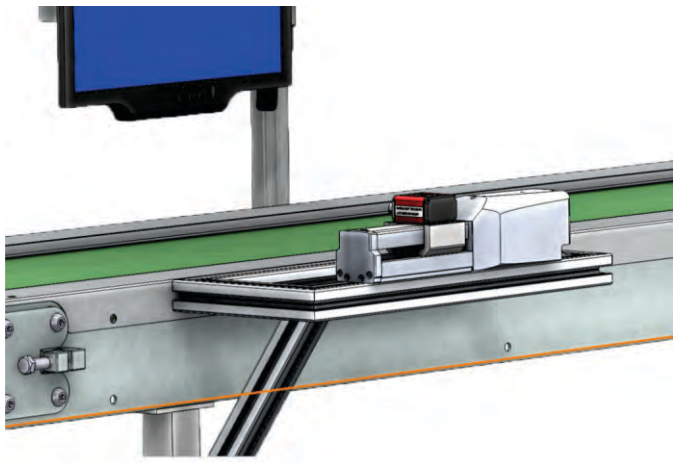
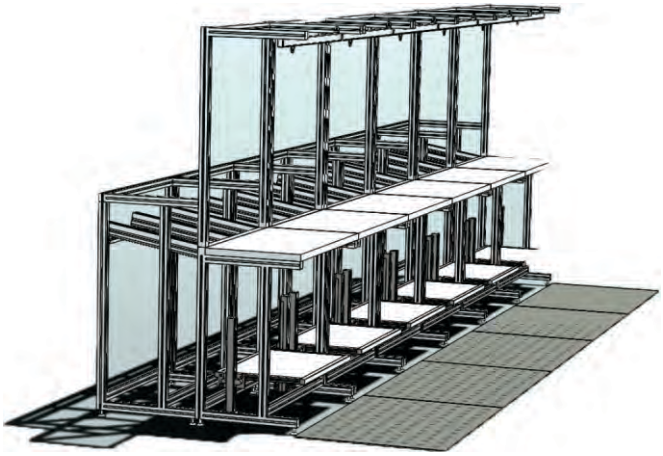
Applications

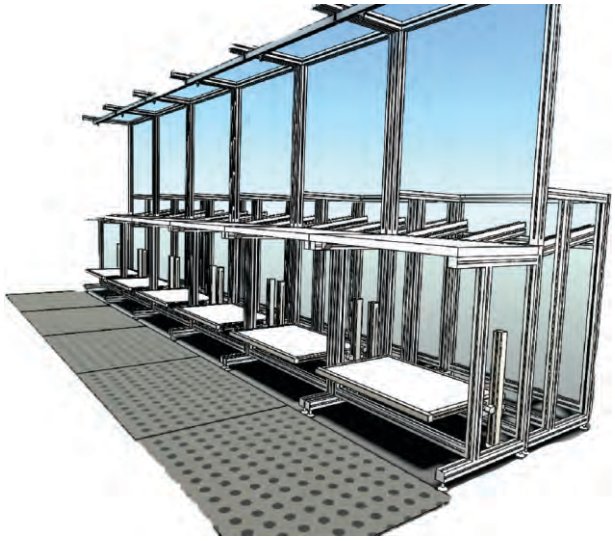
of aluminum profile and accessories

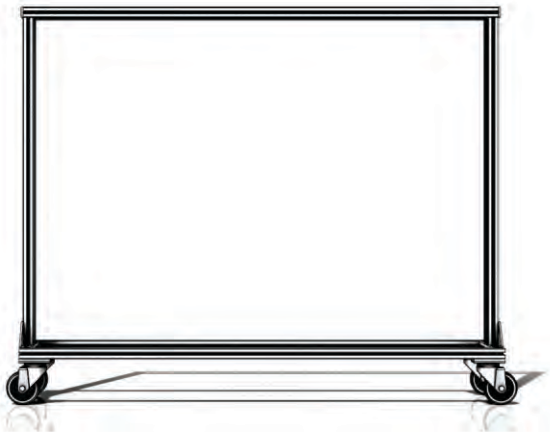


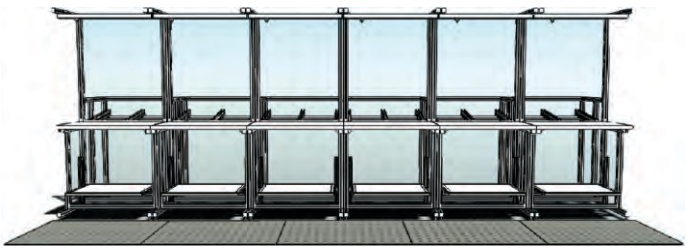












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