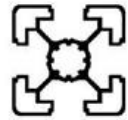


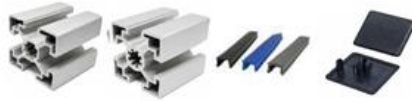


India Private Limited



DAP System

T Slot Aluminium
Profiles & Covers



Connectors & Joints



Feet, Wheels &
Base Plates



Door & Panel
Elements



Workstation
Equipments



Fixing &
Installation Materials



Authorised Dealer

Version : 01.26
Order Code : 999



2 DAP SYSTEM

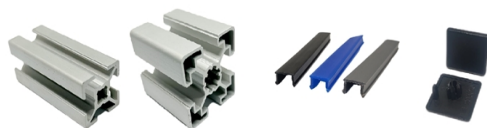


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Aluminium Profile
Cover Profile
Cover cap



Connectors
Joints



Feet
Wheels
Base Plates



Door and Panel
Elements



Workstation
Equipment



Fixing and
Installation
Materials



Tools

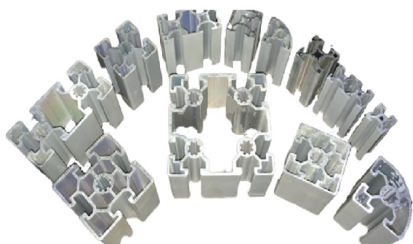


4 DAP SYSTEM



ALUMINIUM PROFILES

General



Material	Al 6063 T6
Tensile strength	$\geq 220 \text{ N/mm}^2$
Natural anodized	10-15 μm
Length	6M

General



15x30, 15x120, 18x100 CNC Bed Profile

20x20 T-Slot, 20x40 T-Slot, 20x60 T-Slot
20x20 V-Slot, 20x40 V-Slot, 20x40x80 V-Slot
20x20 R

30x30, 30x30 R, 30x30 2-Slot(2 Side Closed)
30x60, 30x90

40x40, 40x40 1-Slot(3 Side Closed)
40x40 2-Slot(2 Side Closed)
40x40 3-Slot(1 Side Closed)
40x40 R, 40x40 H, 40x40 L

40x80, 40x120, 40x160

45x45, 45x45 1-Slot(3 Side Closed)
45x45 2-Slot(2 Side Closed)
45x45H, 45x45 L 45x45 R

45x60, 45x90, 45x90H

50x50, 50x100

60x60 4-Slot, 60x60 4-Slot H, 60x60 8-Slot
60x120 Slot-8

80x80, 80x120, 80x160

90x90, 100x100

ALUMINIUM PROFILE

Profile 15x30

999 100 038

Quantity / Box : 192 m

Weight / m : 0.567 kg± 100 g

Weight / Box : 110 kg

Moment of Inertia : (Ix) 0.8 cm⁴

Moment of Inertia : (Iy) 1.6cm⁴

Profile Surface Area : 211 mm²

Slot Width : 6mm ± 0.2

Center Hole Diameter : Ø5.5 mm (for M5 threading or self-tapping)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

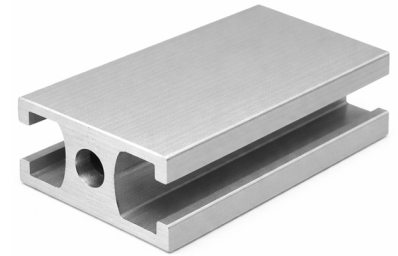
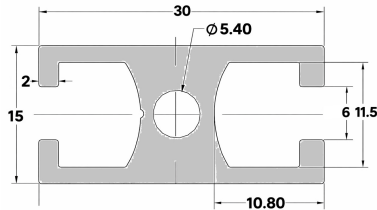
Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 160 Kg

0.5 mtr 60 Kg

1 mtr 15 Kg



Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Lightweight Framing Structures

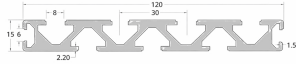
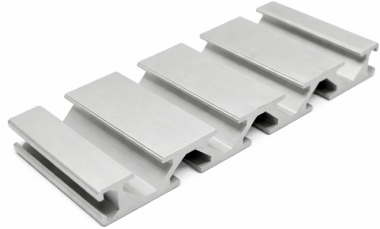
Enclosures & Guards

Automation Equipment

ALUMINIUM PROFILE

999 100 001

Profile 15X120



Quantity / Box : 48m

Weight / m : 2.11kg± 150 g

Weight / Box : 102kg

Moment of Inertia : (Ix) 110.4cm⁴

Moment of Inertia : (Iy) 2.2 cm⁴

Profile Surface Area : 794 mm²

Slot Width : 6mm & 8mm ± 0.2

Tensile strength :205 MPa (6063-T6)

Yield Strength :160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 440 Kg

0.5 mtr 160 Kg

1 mtr 40 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Workstations and Assembly Lines

Machine Enclosures and Safety Guards

Heavy-Duty Linear Motion Systems

ALUMINIUM PROFILE

Profile 20X20 T Slot

999 100 002

Quantity / Box : 216m

Weight / m : 0.420 kg± 100 g

Weight / Box : 92 kg

Moment of Inertia : (Ix) 0.7cm⁴

Moment of Inertia : (Iy) 0.7cm⁴

Profile Surface Area : 146 mm²

Slot Width : 6.2 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 70 Kg

0.5 mtr 40 Kg

1 mtr 10 Kg

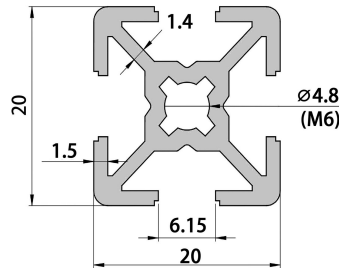
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied.

Application:

Small Frames and Fixtures

Enclosures and Guards

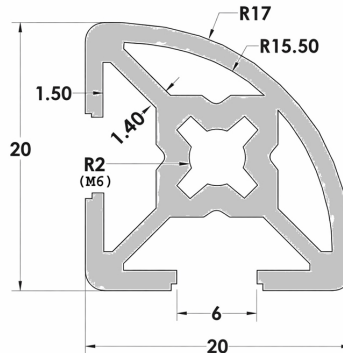
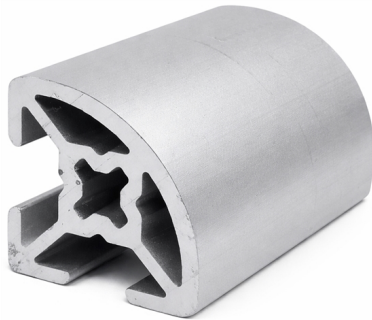
3D Printer and CNC Frames



ALUMINIUM PROFILE

999 100 045

Profile 20X20 Radius



Quantity / Box : 216 m

Weight / m : 0.429 kg±100 g

Weight / Box : 94 kg

Moment of Inertia : (Ix) 0.65 cm⁴

Moment of Inertia:(Iy) 0.65cm⁴

Profile Surface Area : 297.18 mm²

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 110 Kg

0.5 mtr 40 Kg

1 mtr 10 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Aesthetic Frames and Structures

Enclosures and Safety Guards

DIY Projects and Prototypes

ALUMINIUM PROFILE

Profile 20X40 T Slot

999 100 004

Quantity / Box : 108 m

Weight / M : 0.75 kg± 100 g

Weight / Box : 83 kg

Moment of Inertia: (Ix) 4.6 cm⁴

Moment of Inertia:(Iy) 1.2 cm⁴

Profile Surface Area : 279 mm²

Slot Width : 6.2 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength :205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 265 kg

0.5 mtr 90 kg

1 mtr 25 kg

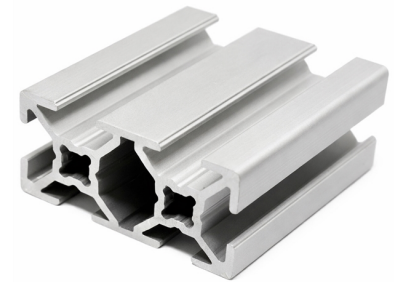
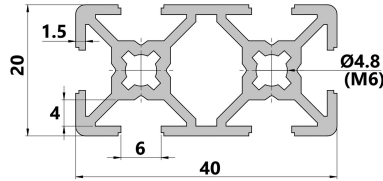
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Medium-Duty Frames

Automation and Robotic Applications

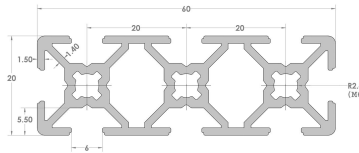
Machine Guards and Enclosures



ALUMINIUM PROFILE

999 100 034

Profile 20X60 T Slot



Quantity / Box: 72 m

Weight / M : 1.09 kg± 100 g

Weight / Box: 80 kg

Moment of Inertia: (Ix) 13.9cm⁴

Moment of Inertia:(Iy) 13.9cm⁴

Profile Surface Area: 406.3 mm²

Slot Width : 6.2 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 370 kg

0.5 mtr 140 kg

1 mtr 35 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Conveyor Frame Structures

Workbenches and Assembly Tables

Display and Exhibition Stands

ALUMINIUM PROFILE

Profile 20X20 V Slot

999 100 003

Quantity / Box : 216 m

Weight / M: 0.442 Kg± 100 g

Weight / Box : 97 Kg

Moment Of inertia: (IX) 0.7cm⁴

Moment Of inertia: (IY) 0.7cm⁴

Profile Surface Area : 132 mm²

Slot Width : 6.2 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 100 kg

0.5 mtr 36 kg

1 mtr 9 kg

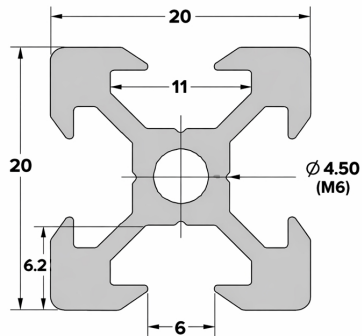
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

3D Printer and CNC Machine Frames

Camera Sliders and Track Systems

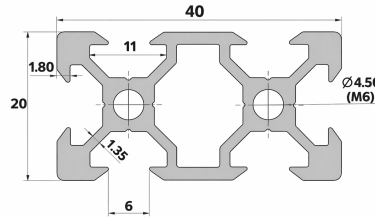
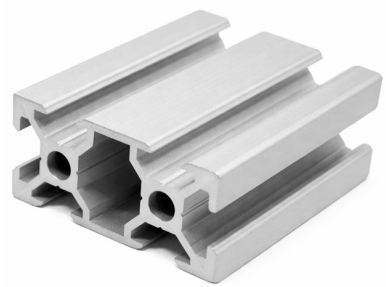
DIY Robotics and Automation Projects



ALUMINIUM PROFILE

999 100 005

Profile 20X40 V Slot



Quantity / Box : 108 m

Weight / M: 0.75 kg± 150 g

Weight / Box : 83 kg

Moment of Inertia : (Ix) 4.6 cm⁴

Moment of Inertia : (Iy) 1.2 cm⁴

Profile Surface Area : 289 mm²

Slot Width : 6.2 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 230 Kg

0.5 mtr 70 Kg

1 mtr 20 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

CNC Machine and 3D Printer Frames

Automation and Robotics Projects

Camera Sliders and Track Systems

ALUMINIUM PROFILE

Profile 20X40X80 V Slot

999 100 036

Quantity / Box: 18 m

Weight / M : 2.03 kg± 150 g

Weight / Box: 38 kg

Moment of Inertia: (Ix) 48.31cm⁴

Moment of Inertia:(Iy) 21.42cm⁴

Profile Surface: 754 mm²

Slot Width : 62 mm ± 0.2

Center Hole Diameter : Ø4.8 mm (for M6 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1690 Kg

0.5 mtr 1015 Kg

1 mtr 505 Kg

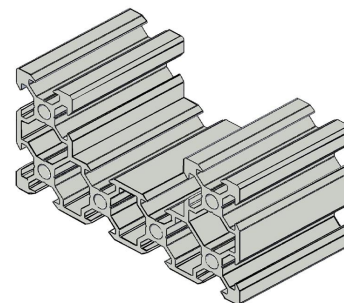
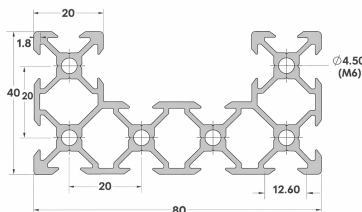
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

CNC Machine and 3D Printer Frames

Linear Motion Systems

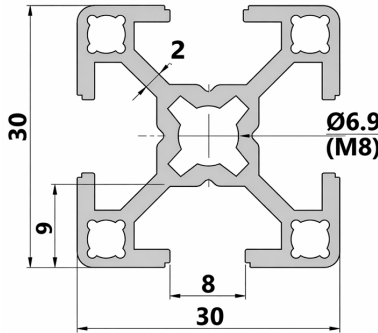
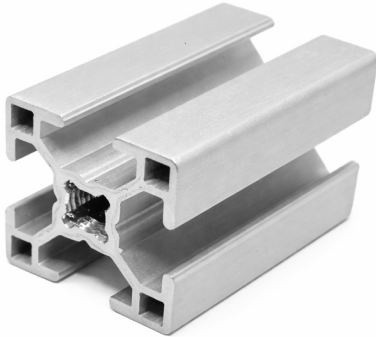
Camera Sliders and Track Systems



ALUMINIUM PROFILE

999 100 006

Profile 30X30



Quantity / Box : 96 m

Weight / M : 0.763 kg± 150 g

Weight / Box : 75 kg

Moment of Inertia: (Ix) 2.7cm⁴

Moment of Inertia:(Iy) 2.7cm⁴

Profile Surface Area : 284 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 285 Kg

0.5 mtr 120 Kg

1 mtr 30 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Workstations and Assembly Tables

Machine Guards and Safety Enclosures

Automation and Robotics Systems

ALUMINIUM PROFILE

Profile 30X30 R

999 100 007

Quantity / Box : 96 m

Weight / M : 0.76 kg± 150 g

Weight / Box : 75 kg

Moment of Inertia: (IX) 2.4cm⁴

Moment of Inertia: (IY) 2.4cm⁴

Profile Surface Area : 300 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 340 Kg

0.5 mtr 110 Kg

1 mtr 30 Kg

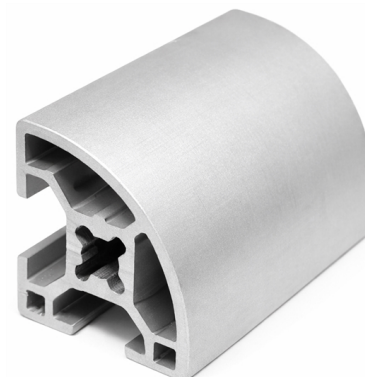
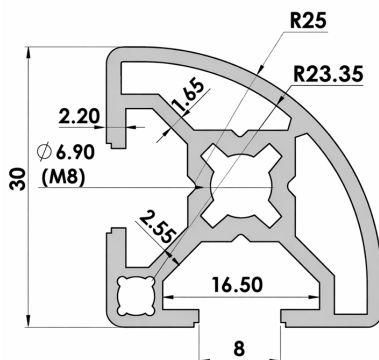
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Workstations and Assembly Tables

Safety Guards and Protective Barriers

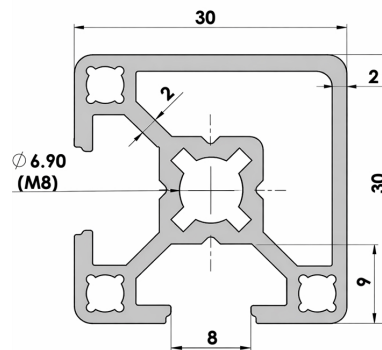
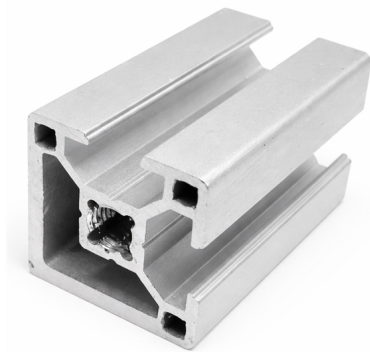
Aesthetic Machine Frames and Enclosures



ALUMINIUM PROFILE

999 100 008

Profile 30X30 2 Slot 2 Side Closed



Quantity / Box: 96 M

Weight / M: 0.859 kg± 150Grams

Weight / Box: 84 kg

Moment Of inertia: (IX) 3.1cm⁴

Moment Of inertia: (IY) 3.1cm⁴

Profile Surface : 333 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 370 kg

0.5 mtr 130 kg

1 mtr 30 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Guards and Safety Barriers

Workstations and Assembly Lines

Enclosures and Housing Structures

ALUMINIUM PROFILE

Profile 30X60

999 100 009

Quantity / Box : 48 m

Weight / M: 1.40 kg± 150 g

Weight / Box : 69 kg

Moment of Inertia: (Ix) 18.80 cm⁴

Moment of Inertia:(Iy) 6.0 cm⁴

Profile Surface Area : 1002 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 545 kg

0.5 mtr 220 kg

1 mtr 50 kg

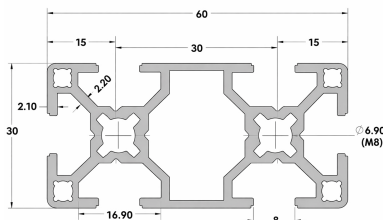
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Medium to Heavy-Duty Frames

Conveyor and Guiding Systems

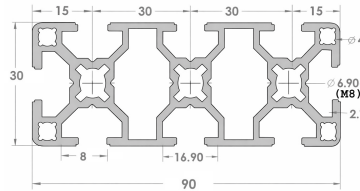
Automation and Robotics Applications



ALUMINIUM PROFILE

999 100 035

Profile 30X90



Quantity / Box : 24 m

Weight / M : 1.99 kg± 150 g

Weight / Box : 49 kg

Moment of Inertia: (Ix) 58.2cm⁴

Moment of Inertia: (Iy) 7.5 cm⁴

Profile Surface Area : 739 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 820 kg

0.5 mtr 300 kg

1 mtr 80 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Frames and Structures

Machine Guards and Safety Enclosures

Robotics and Automation Platforms

ALUMINIUM PROFILE

Profile 40X40 Medium

999 100 010

Quantity / Box : 54 m

Weight / Mtr: 1.16 kg± 150 g

Weight / Box : 64 kg

Moment of Inertia: (Ix) 7.9cm⁴

Moment of Inertia: (Iy) 7.9cm⁴

Profile Surface Area : 430 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 480 kg

0.5 mtr 180 kg

1 mtr 45 kg

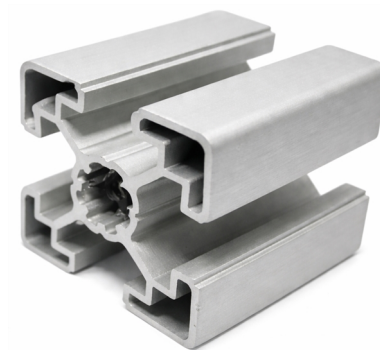
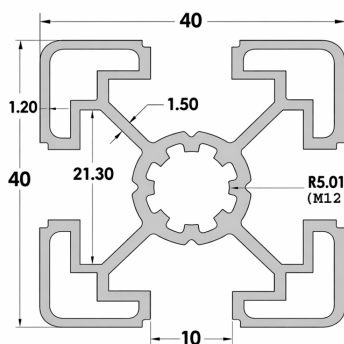
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Medium to Heavy-Duty Machine Frames

Workbenches and Assembly Tables

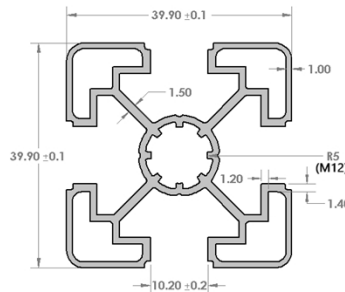
Machine Guards and Safety Enclosures



ALUMINIUM PROFILE

999 100 046

Profile 40X40 Light



Quantity / Box : 54 m

Weight / Mtr : 0.935 kg± 150 g

Weight / Box : 52 kg

Moment of Inertia: (Ix) 6.2cm⁴

Moment of Inertia: (Iy) 6.2cm⁴

Profile Surface : 346.5 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10 mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 430 kg

0.5 mtr 140 kg

1 mtr 30 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Automation and Robotics Structures

Shelving and Storage Systems

Conveyor Frames and Linear Motion Systems

ALUMINIUM PROFILE

Profile 40X40 1 Slot 3 Side Closed

999 100 011

Quantity / Box: 54 m

Weight / M : 1.44 kg± 150 g

Weight / Box: 80 kg

Moment of Inertia: (Ix) 9. 8cm⁴

Moment of Inertia:(Iy) 10.3cm⁴

Profile Surface Area : 533 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10 mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 580 kg

0.5 mtr 200 kg

1 mtr 40 kg

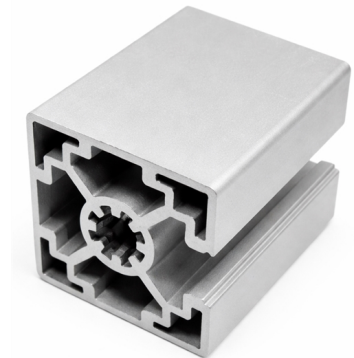
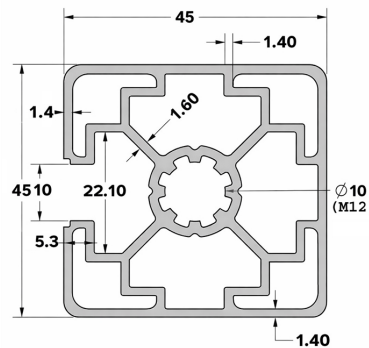
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Clean and Aesthetic Frames

Machine Guards and Safety Enclosures

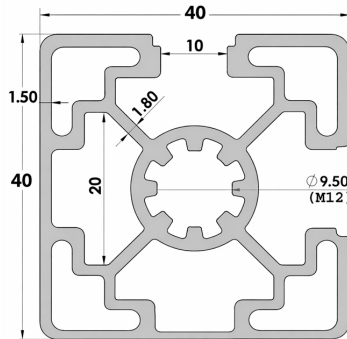
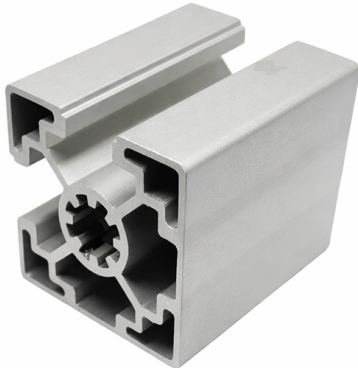
Workbenches and Assembly Tables



ALUMINIUM PROFILE

999 100 012

Profile 40X40 2 Slot 2 Side Closed



Quantity / Box : 54 m

Weight / M : 1.39 kg± 150 g

Weight / Box : 77 kg

Moment of Inertia: (Ix) 9.7cm⁴

Moment of Inertia:(Iy) 9.7cm⁴

Profile Surface Area : 515 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 520 kg

0.5 mtr 200 kg

1 mtr 40 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Enclosures

Workbenches and Assembly Tables

Automation and Robotic Applications

ALUMINIUM PROFILE

Profile 40x40 3 Slot 1 Side closed

999 100 013

Quantity / Box: 54 m

Weight / M: 1.21 kg± 150 g

Weight / Box : 67 kg

Moment of Inertia: (Ix) 9.7cm⁴

Moment of Inertia:(Iy) 9.0 cm⁴

Profile Surface Area : 447 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters)& Max Load (Kgs):

0.3 mtr 550 kg

0.5 mtr 200 kg

1 mtr 50 kg

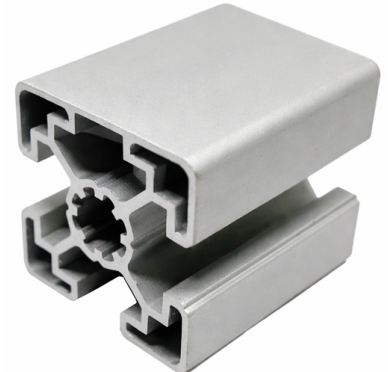
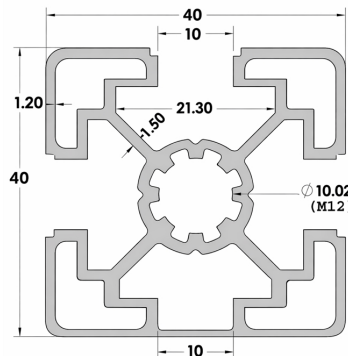
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Industrial Structures

Workstations and Assembly Tables

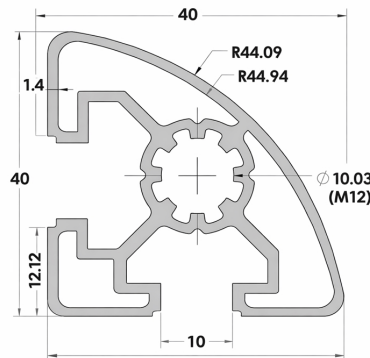
Automation and Robotic Applications



ALUMINIUM PROFILE

999 100 014

Profile 40x40 R



Quantity / Box : 24 m

Weight / M : 0.99 kg± 150 g

Weight / Box : 26 kg

Moment of Inertia : (Ix) 7.2cm⁴

Moment of Inertia : (Iy) 7.2cm⁴

Profile Surface Area : 405 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 500 kg

0.5 mtr 180 kg

1 mtr 40 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Aesthetic Machine Frames and Enclosures

Workstations and Assembly Tables

Automation and Robotic Structures

ALUMINIUM PROFILE

Profile 40x40 Heavy

999 100 015

Quantity / Box : 54 m

Weight / M : 1.56 kg± 150 g

Weight / Box : 86 kg

Moment of Inertia : (Ix) 12.1cm⁴

Moment of Inertia : (Iy) 12.1cm⁴

Profile Surface Area : 581 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 700 kg

0.5 mtr 240 kg

1 mtr 55 kg

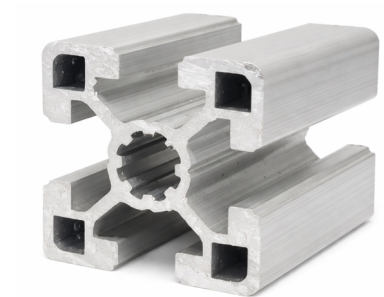
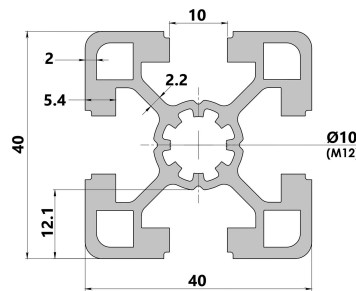
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Industrial Automation Systems

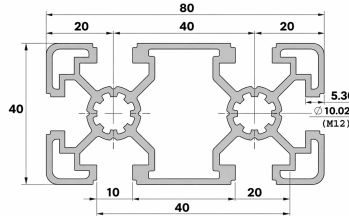
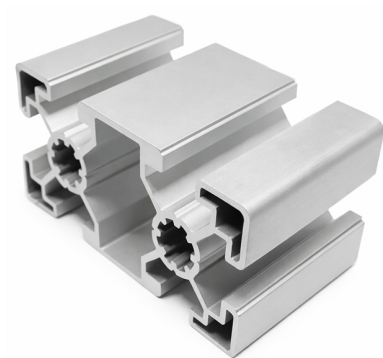
Machine Guards and Safety Enclosures



ALUMINIUM PROFILE

999 100 016

Profile 40x80



Quantity / Box: 30 m

Weight / M : 2.29 kg± 150 g

Weight / Box : 70 kg

Moment of Inertia : (Ix) 59.6cm⁴

Moment of Inertia :(Iy) 16.3 cm⁴

Profile Surface Area : 849 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 950 kg

0.5 mtr 350 kg

1 mtr 80 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Automation and Robotics Systems

Workbenches and Assembly Tables

ALUMINIUM PROFILE

Profile 40x80 Heavy

999 100 043

Quantity / Box : 30 m

Weight / M : 2.76 kg± 150 g

Weight / Box : 84 kg

Moment of Inertia : (Ix) 72 cm⁴

Moment of Inertia : (Iy) 20 cm⁴

Profile Surface Area : 1021. 79 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1200 kg

0.5 mtr 450 kg

1 mtr 100 kg

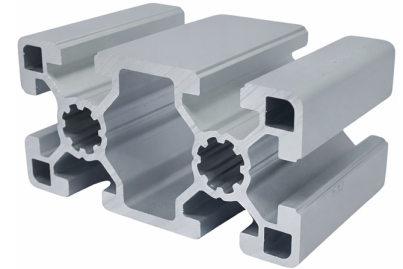
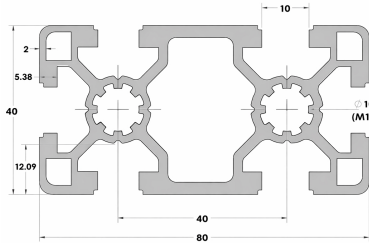
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Rigid Machine Frames

Laboratory Fixture

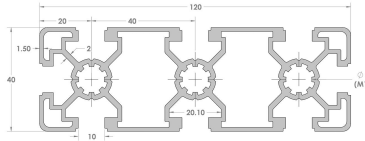
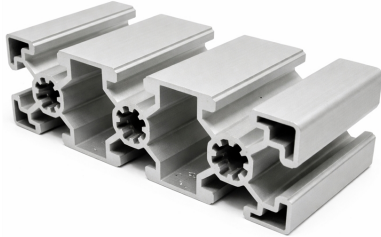
Workbench



ALUMINIUM PROFILE

999 100 017

Profile 40x120



Quantity / Box: 18 m

Weight / M: 3.1 kg± 150 g

Weight / Box : 58 kg

Moment of Inertia: (IX) 203.2cm⁴

Moment of Inertia:(IY) 27.8cm⁴

Profile Surface Area : 1177 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1500 kg

0.5 mtr 500 kg

1 mtr 140 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Industrial Structures

Workstations and Assembly Tables

Automation and Robotic Applications

ALUMINIUM PROFILE

Profile 40x160

999 100 018

Quantity / Box : 12 M

Weight / M : 4.9 kg± 150 Grams

Weight / Box : 61 kg

Moment of inertia : (IX) 446.7cm⁴

Moment of inertia :(IY) 37cm⁴

Profile Surface : 1816 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 2000 kg

0.5 mtr 700 kg

1 mtr 190 kg

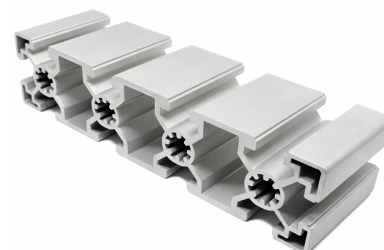
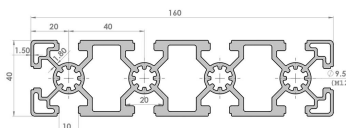
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Super heavy machine frames

Wide-span load-bearing structures

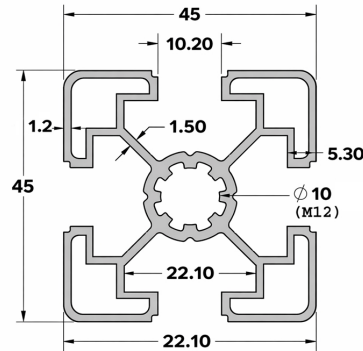
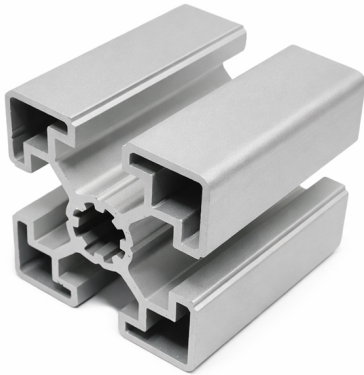
Precision equipment requiring minimal flex



ALUMINIUM PROFILE

999 100 019

Profile 45x45 Medium



Quantity / Box : 54 m

Weight / m : 1.35 kg ± 150 g

Weight / Box : 74 kg

Moment of Inertia : (Ix) 11cm⁴

Moment of Inertia : (Iy) 11cm⁴

Profile Surface Area : 498 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 600 kg

0.5 mtr 200 kg

1 mtr 50 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5–2.5 is typically recommended.

Application:

Conveyor Systems and Linear Motion Setups

Automation and Robotic Systems

Workstations and Assembly Tables

ALUMINIUM PROFILE

Profile 45x45 Light

999 100 047

Quantity / Box: 54 m

Weight / m : 1.232 kg± 150 g

Weight / Box : 68 kg

Moment of Inertia : (Ix) 9.1 cm⁴

Moment of Inertia : (Iy) 9.1 cm⁴

Profile Surface Area : 447.98 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 500 kg

0.5 mtr 180 kg

1 mtr 40 kg

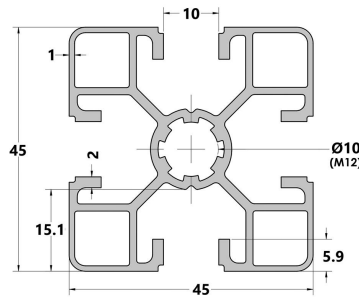
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Light to Medium-Duty Machine Frames

Workstations and Assembly Tables

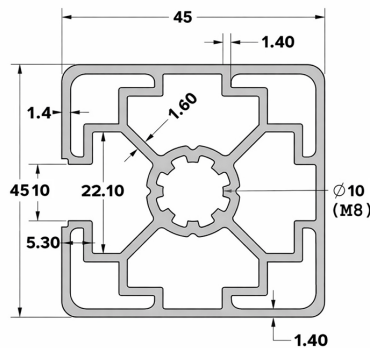
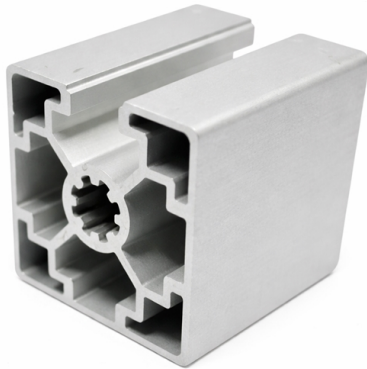
Display and Modular Structures



ALUMINIUM PROFILE

999 100 020

Profile 45X45 1 SLOT



Quantity / Box : 54 m

Weight / m : 1.67 kg± 150 g

Weight / Box : 92 kg

Moment of Inertia : (IX) 13.5cm⁴

Moment of Inertia : (IY) 13.4cm⁴

Profile Surface Area : 619 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 600 kg

0.5 mtr 200 kg

1 mtr 50 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Support Structures

Safety Guards and Enclosures

Automation and Robotic Applications

ALUMINIUM PROFILE

Profile 45x45 2 Slot

999 100 021

Quantity / Box : 54 m

Weight / m : 1.62 kg± 150 g

Weight / Box : 89 kg

Moment of Inertia : (Ix) 13.7cm⁴

Moment of Inertia : (Iy) 13.7cm⁴

Profile Surface Area : 601 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 600 kg

0.5 mtr 200 kg

1 mtr 50 kg

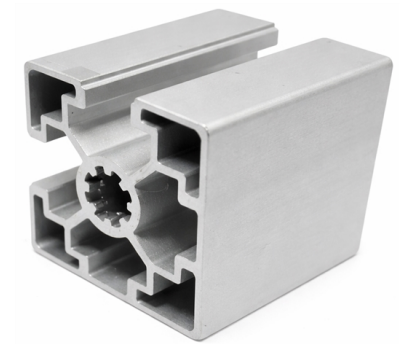
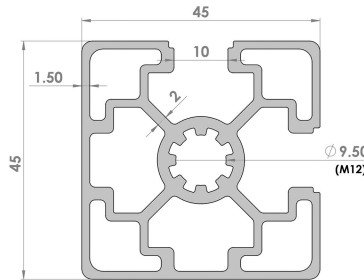
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Support Structures

Safety Guards and Enclosures

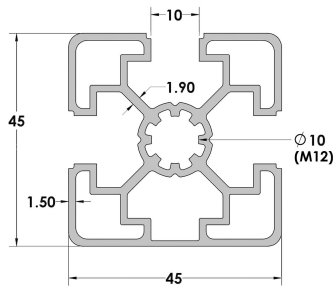
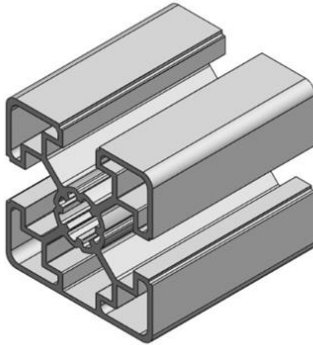
Automation and Robotic Applications



ALUMINIUM PROFILE

999 100 049

Profile 45x45 3 Slot



Quantity / Box : 54 m

Weight / m : 1.39 kg ± 150 g

Weight / Box : 77 kg

Moment of Inertia : (Ix) 13.7cm⁴

Moment of Inertia : (Iy) 13.7cm⁴

Profile Surface Area : 601 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 600 kg

0.5 mtr 200 kg

1 mtr 50 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

ALUMINIUM PROFILE

Profile 45x45 Heavy

999 100 022

Quantity / Box : 24 m

Weight / m : 1.95 Kg± 150 g

Weight / Box : 48 Kg

Moment of Inertia : (Ix) 13.8cm⁴

Moment of Inertia :(Iy) 13.8cm⁴

Profile Surface Area : 724 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 800 Kg

0.5 mtr 280 Kg

1 mtr 70 Kg

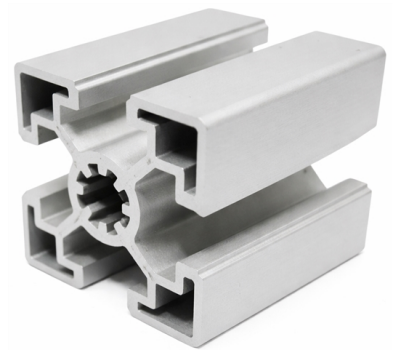
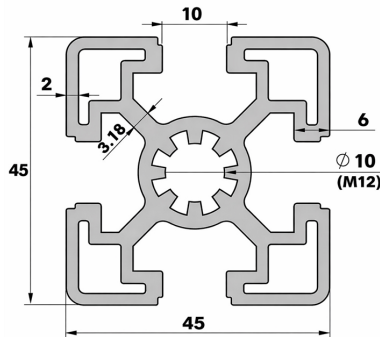
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Conveyor Systems and Guiding Rails

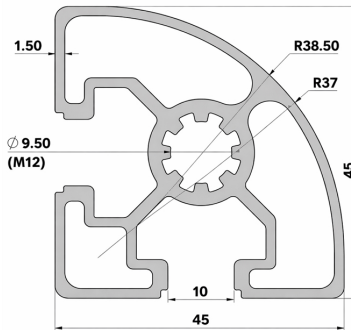
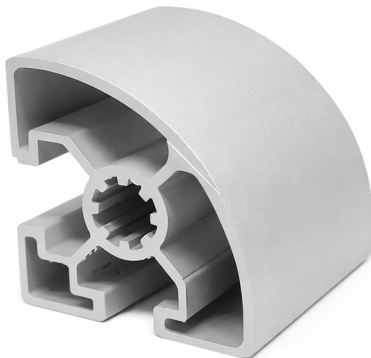
Workstations and Assembly Tables



ALUMINIUM PROFILE

999 100 023

Profile 45x45 R



Quantity / Box : 24 m

Weight / m: 1.30 kg± 150 g

Weight / Box : 32 kg

Moment of Inertia : (IX) 8.8cm⁴

Moment of Inertia:(IY) 8.8 cm⁴

Profile Surface Area : 482 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 550 kg

0.5 mtr 190 kg

1 mtr 45 kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Aesthetic Machine Frames and Enclosures

Safety Guards and Protective Barriers

Workstations and Assembly Tables

ALUMINIUM PROFILE

Profile 45x60

999 100 024

Quantity / Box : 24 m

Weight / m : 2.51 kg± 150 g

Weight / Box : 62 kg

Moment of Inertia : (Ix) 37.23cm⁴

Moment of Inertia : (Iy) 22.83cm⁴

Profile Surface Area : 932 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 950 kg

0.5 mtr 370 kg

1 mtr 90 kg

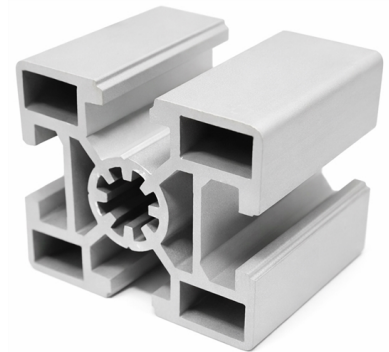
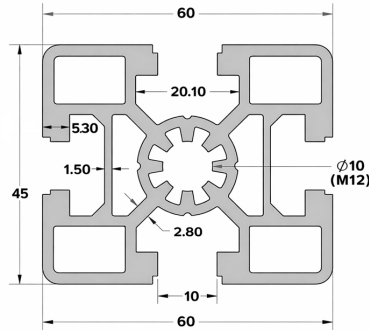
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Machine Frames and Enclosures

Workstations and Assembly Tables

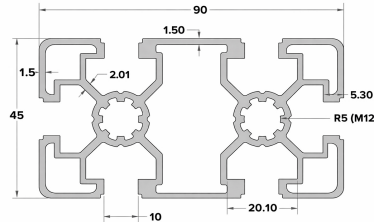
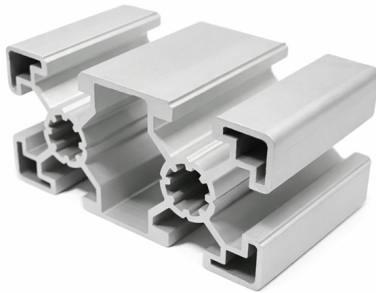
Heavy-Duty Industrial Structures



ALUMINIUM PROFILE

999 100 025

Profile 45x90



Quantity / Box: 24 m

Weight / m : 2.55 Kg± 150 g

Weight / Box : 63 Kg

Moment of Inertia : (Ix) 84.2cm⁴

Moment of Inertia : (Iy) 23.7cm⁴

Profile Surface Area : 945.36 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1200 Kg 0.5 mtr 450 Kg

1 mtr 100 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Automation and Robotic Systems

Workstations and Assembly Tables

Machine Guards and Safety Enclosures

ALUMINIUM PROFILE

Profile 45x90 Heavy

999 100 042

Quantity / Box : 12 m

Weight / m : 4.04 Kg± 150 g

Weight / Box : 50 Kg

Moment of Inertia : (IX) 120.2cm⁴

Moment of Inertia :(IY) 30.7cm⁴

Profile Surface Area : 1498.99 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1700 Kg 0.5 mtr 640 Kg

1 mtr 150 Kg

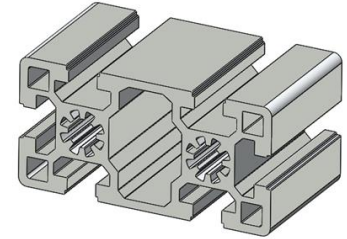
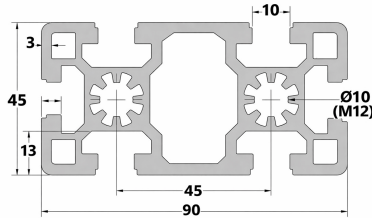
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Super heavy machine frames

Wide-span load-bearing structures

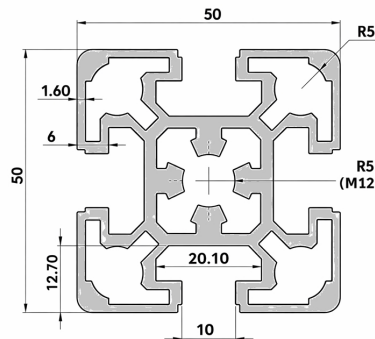
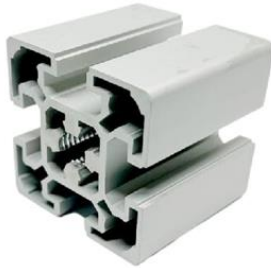
Precision equipment requiring minimal flex



ALUMINIUM PROFILE

999 100 026

Profile 50x50



Quantity / Box : 24 m

Weight / m : 2.34 Kg± 150 g

Weight / Box : 58 Kg

Moment of Inertia : (IX) 22.18cm⁴

Moment of Inertia : (IY) 22.18cm⁴

Profile Surface Area : 866 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1100 Kg 0.5 mtr 400 Kg

1 mtr 100 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Modular Display and Exhibition Structures

Gantry and Motion Control Systems

ALUMINIUM PROFILE

Profile 50x100

999 100 027

Quantity / Box : 12 m

Weight / m : 3.97 Kg± 150 g

Weight / Box : 50 Kg

Moment of Inertia : (IX) 162.8cm⁴

Moment of Inertia : (IY) 42.2cm⁴

Profile Surface Area : 1465 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1700 Kg 0.5 mtr 600 Kg

1 mtr 160 Kg

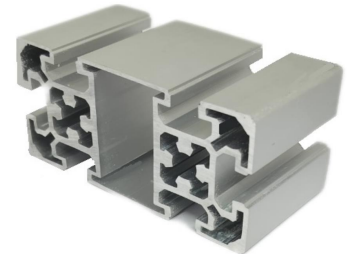
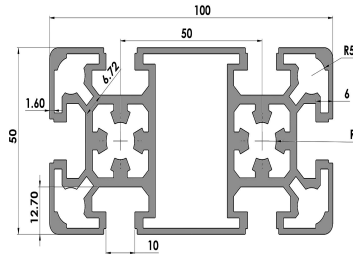
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Gantry and Motion Control Systems

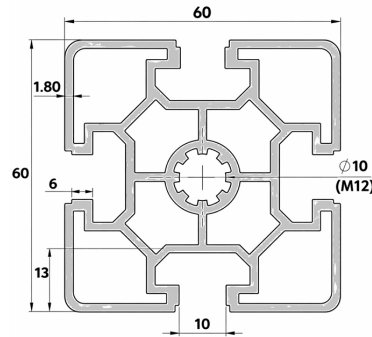
Machine Guards and Safety Enclosures



ALUMINIUM PROFILE

999 100 028

Profile 60x60 4 Slot



Quantity / Box : 24 m

Weight / m : 2.56 Kg± 150 g

Weight / Box: 63 Kg

Moment of Inertia : (IX) 38.7cm⁴

Moment of Inertia :(IY) 38.7cm⁴

Profile Surface Area : 1010 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 810 Kg 0.5 mtr 500 Kg

1 mtr 120 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Machine Guards and Safety Enclosures

Workstations and Assembly Tables

ALUMINIUM PROFILE

Profile 60x60 4 Slot H

999 100 037

Quantity / Box : 24 m

Weight / m : 3.5 Kg± 150 g

Weight / Box : 85 Kg

Moment of Inertia : (IX) 50.3cm⁴

Moment of Inertia : (IY) 50.3cm⁴

Profile Surface Area : 1298.3 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1800 Kg

0.5 mtr 700 Kg

1 mtr 170 Kg

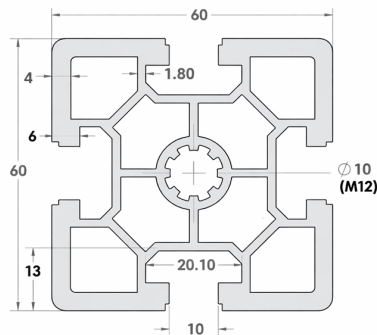
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Rigid Machine Frames

Workbench

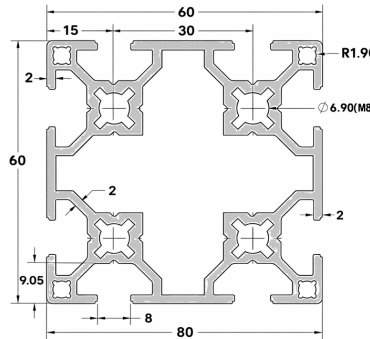
Robot Cell



ALUMINIUM PROFILE

999 100 029

Profile 60X60 8 Slot Slot 8



Quantity / Box : 24 m

Weight / m : 2.44 Kg± 150Grams

Weight / Box : 60 Kg

Moment of Inertia : (IX) 39.2cm⁴

Moment of Inertia :(IY) 39.2cm⁴

Profile Surface Area : 894 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.3 mtr 1300 Kg 0.5 mtr 480 Kg

1 mtr 110 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Automation and Robotic Systems

Machine Guards and Safety Enclosures

Large Display and Modular Structures

ALUMINIUM PROFILE

Profile 60X120 Slot 8

999 100 044

Quantity / Box : 12 m

Weight / m : 4.6 Kg± 150 g

Weight / Box : 57 Kg

Moment of Inertia : (IX)210 cm⁴

Moment of Inertia : (IY)52 cm⁴

Profile Surface Area : 1706.8 mm²

Slot Width : 8.2 mm ± 0.2

Center Hole Diameter : Ø6.9 mm (for M8 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.5 mtr 855 Kg

1 mtr 382 Kg

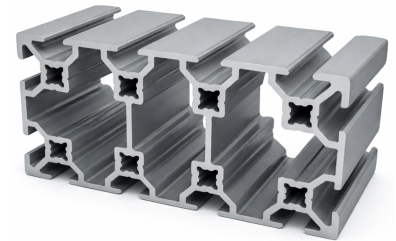
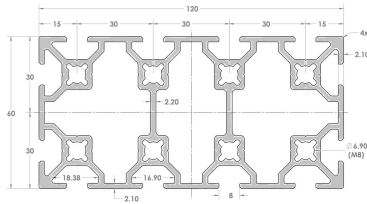
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Gantry and Linear Motion Systems

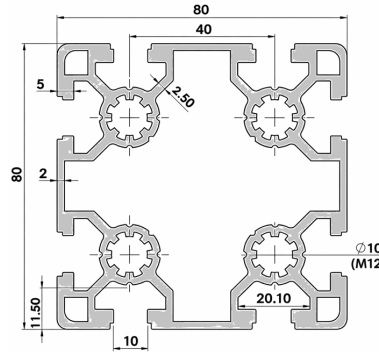
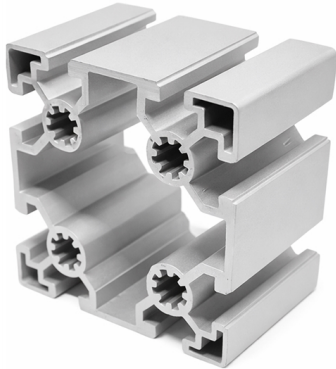
Automation and Robotic Systems



ALUMINIUM PROFILE

999 100 030

Profile 80X80



Quantity : 12 m

Weight / m : 4.22 Kg± 150 g

Weight / Box : 52 Kg

Moment of Inertia : (IX) 117 cm⁴

Moment of Inertia : (IY) 117cm⁴

Profile Surface Area : 1565 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.5 mtr 1040 Kg

1 mtr 260 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Large Display and Modular Structures

Heavy-Duty Machine Frames and Structures

Gantry and Motion Control Systems

ALUMINIUM PROFILE

Profile 80X120

999 100 031

Quantity / Box : 6 m

Weight / m : 6.07 Kg± 150 g

Weight / Box : 38 Kg

Moment of Inertia : (Ix) 235cm⁴

Moment of Inertia : (Iy) 82cm⁴

Profile Surface Area : 1010 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading) Accessories not included: Roll-in T Slot Nut : 999 153 008

Standard SQ Nut, Hammer Nut is not compatible with this profile

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.5 mtr 1280 Kg

1 mtr 320 Kg

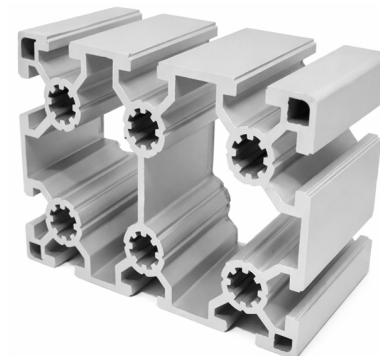
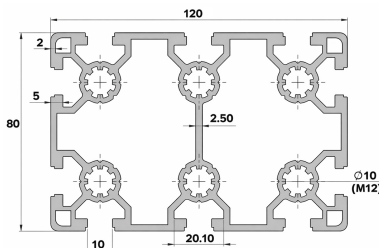
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Gantry and Motion Control Systems

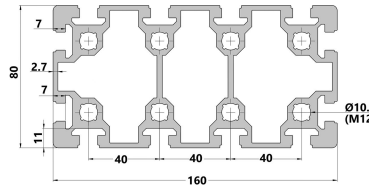
Machine Guards and Safety Enclosures



ALUMINIUM PROFILE

999 100 032

Profile 80x160



Quantity / Box : 6 m

Weight / m / 10 kgs± 150 g

Weight / Box : 60 kg

Moment of Inertia : (Ix) 850.7cm⁴

Moment of Inertia : (Iy) 253.4 cm⁴

Profile Surface Area : 3707mm²

Slot Width : 10.2 ± 0.2

Accessories not included:

Roll-in T Slot Nut Slot -10 M8: 999 153 008

Standard SQ Nut, Hammer Nut is not compatible with this profile.

Tensile Strength : 250 MPa (6063 T6)

Yield Strength : 160 MPa (6063 T6)

Estimated Maximum Safe Load:

Span length (meters) & Load (Kg),

0.5 m 2610 kg

1 m 1350 kg

Note: These values assume static loads with no dynamic impact or vibrations, safety factors are not verified.

ALUMINIUM PROFILE

Profile 90X90

999 100 033

Quantity / Box : 6 m

Weight / m : 4.93 Kg± 150 g

Weight / Box : 31 Kg

Moment of Inertia : (IX) 195cm⁴

Moment of Inertia : (IY) 195cm⁴

Profile Surface Area : 1826 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.5 mtr 1120 Kg

1 mtr 280 Kg

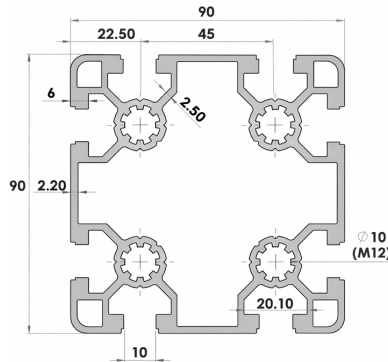
Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Machine Guards and Safety Enclosures

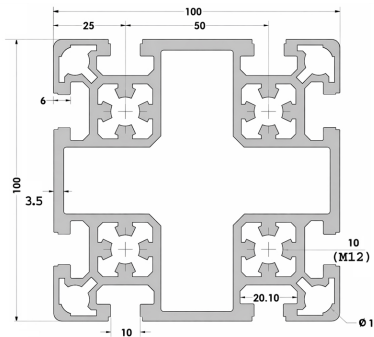
Large Display and Modular Structures



ALUMINIUM PROFILE

999 100 041

Profile 100X100



Quantity / Box : 6 m

Weight / m : 7.98 Kg± 150 g

Weight / Box : 50 Kg

Moment of Inertia : (IX) 309.1 cm⁴

Moment of Inertia : (IY) 309.1 cm⁴

Profile Surface Area : 2957.63 mm²

Slot Width : 10.2 mm ± 0.2

Center Hole Diameter : Ø10mm (for M12 threading)

Tensile strength : 205 MPa (6063-T6)

Yield Strength : 160 MPa (6063-T6)

Estimated Maximum Safe Load:

Span Length (meters) & Max Load (Kgs):

0.5 mtr 1150 Kg

1 mtr 290 Kg

Note: These values assume static loads with no dynamic impact or vibrations, and safety factors are not yet applied. For engineering use, a safety factor of 1.5-2.5 is typically recommended.

Application:

Heavy-Duty Machine Frames and Structures

Automation and Robotic Systems

Gantry and Motion Control Systems

ALUMINIUM PROFILE

General Telescopic Profile

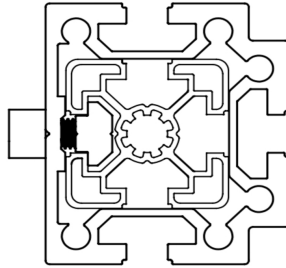
999 100 040 ...

Material:

Al 6063 T6 Anodized

Application:

Can be used to construct height adjustable table with Profile 40x40.



Telescopic Profile 40X40

999 100 040

Quantity / Box : 24 m

Weight / m : 3.3 Kg± 150 g

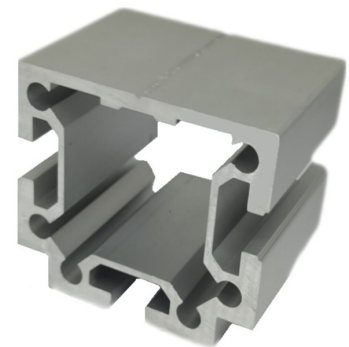
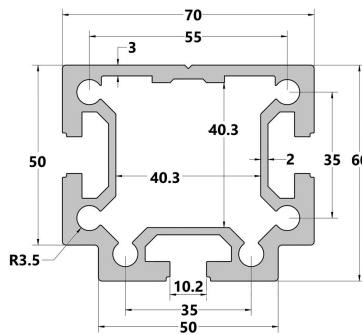
Weight / Box : 81 Kg

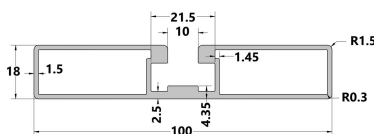
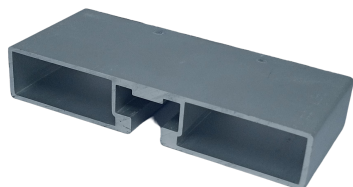
Profile Surface Area : 1233.5 mm²

Application:

Height Adjustable Workstations and Assembly Tables

Extendable Machine Frames and Structures



ALUMINIUM PROFILE**999 100 048****CNC Bed Profile 18x100**

Quantity / Box : 36m

Weight / m : 1.22 Kg± 100 g

Weight / Box : 46 Kg

Profile Surface Area : 453 mm²**Application:**

CNC Machine Beds and Worktables

Workpiece Clamping and Fixturing

COVER PROFILE

COVER PROFILE SLOT 6

999 101 001

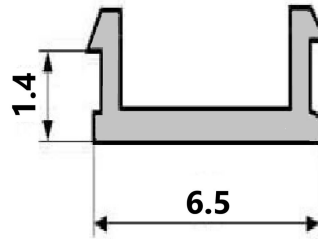
Quantity / Box : 100 Pcs

Weight/Pc : 0.022 kg

Weight/Box : 2.2 Kg

Length : 3 M

Material : PVC



Application: To cover aluminium profile slots

Available Colors:

Black (RAL 9005) : 999 101 001

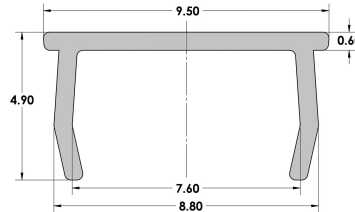
Blue (RAL 5010) : 999 101 002

Gray (RAL 7035) : 999 101 003

Red (RAL 3020) : 999 101 010

Yellow (RAL 1023) : 999 101 011

Orange (RAL 2004) : 999 101 012

COVER PROFILE**999 101 004****COVER PROFILE SLOT 8**

Quantity / Box : 100 Pcs

Weight / Pc : 0.033 kg

Weight / Box : 5 Kg

Length : 3 M

Material : PVC

Application: To cover aluminium profile slots**Available Colors:**

Black(RAL 9005) : 999 101 004

Blue (RAL 5010) : 999 101 005

Gray (RAL 7035) : 999 101 006

Red(RAL 3020) : 999 101 013

Yellow (RAL 1023) : 999 101 014

Orange (RAL 2004) : 999 101 015

COVER PROFILE

COVER PROFILE SLOT 10

999 101 007

Quantity/Box : 100 Pcs

Weight / Pc : 0.062 Kg

Weight / Box : 5 Kg

Length : 3 M

Material : PVC

Application: To cover aluminium profile slots

Available Colors:

Black (RAL 9005) : 999 101 007

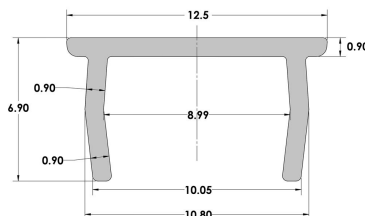
Blue (RAL 5010) : 999 101 008

Gray (RAL 7035) : 999 101 009

Red (RAL 3020) : 999 101 016

Yellow (RAL 1023) : 999 101 017

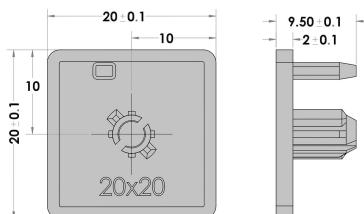
Orange (RAL 2004) : 999 101 018



COVER CAP

999 102 001

COVER CAP 20X20



Qty/Box : 1000 Pcs

Weight/Pc : 0.764 g

Weight/Box : 0.764 kg

Material : ABS

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 001

Blue (RAL 5010) : 999 102 002

Gray(RAL 7035) : 999 102 003

Red(RAL 3020) : 999 102 004

Yellow(RAL 1023) : 999 102 066

Orange(RAL 2004) : 999 102 067

COVER CAP

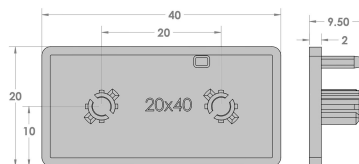
Cover Cap 20x40

999 102

Qty/Box : 200 Pcs

Weight/Pc: 1.49 g

Weight / Box: 0.28 Kg



Application: To Cover the edges of the profile

Available Colors:

Black(RAL 9005) : 999 102 005

Blue(RAL 5010) : 999 102 006

Gray(RAL 7035) : 999 102 007

Red (RAL 3020) : 999 102 008

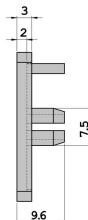
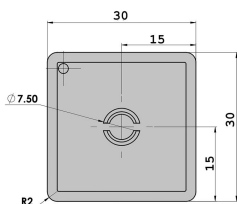
Yellow (RAL 1023) : 999 102 068

Orange (RAL 2004) : 999 102 069

COVER CAP

999 102 ...

Cover Cap 30x30



Qty/Box : 100 Pcs

Weight/Pc: 2 g

Weight / Box: 0.2 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 009

Blue (RAL 5010) : 999 102 010

Gray (RAL 7035) : 999 102 011

Red (RAL 3020) : 999 102 012

Yellow (RAL 1023) : 999 102 070

Orange (RAL 2004) : 999 102 071

COVER CAP

Cover Cap 30x30 Radius

999 102 ..

Qty/Box : 100 Pcs

Weight/Pc: 2 g

Weight / Box: 0.200 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 030

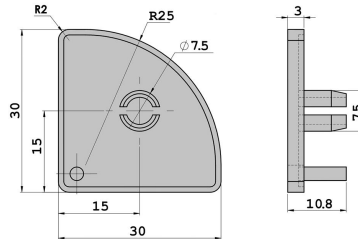
Blue (RAL 5010) : 999 102 031

Gray (RAL 7035) : 999 102 032

Red (RAL 3020) : 999 102 033

Yellow (RAL 1023) : 999 102 080

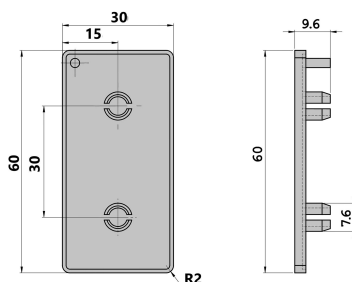
Orange (RAL 2004) : 999 102 081



COVER CAP

999 102 017

Cover cap 30x60



Qty/Box : 100 Pcs

Weight/Pc: 4 g

Weight / Box: 0.400 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 017

Blue (RAL 5010) : 999 102 018

Gray (RAL 7035) : 999 102 019

Red (RAL 3020) : 999 102 020

Yellow (RAL 1023) : 999 102 074

ORANGE (RAL 2004) : 999 102 075

COVER CAP

Cover cap 40x40

999 102 021

Qty/Box : 100 Pcs

Weight/Pc: 6 g

Weight / Box: 0.6 Kgs

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 021

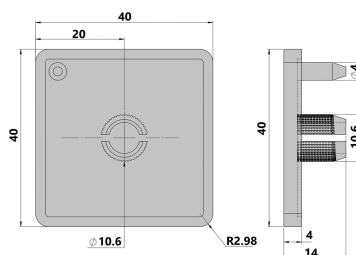
Blue (RAL 5010) : 999 102 022

Gray (RAL 7035) : 999 102 023

Red (RAL 3020) : 999 102 024

Yellow (RAL 1023) : 999 102 076

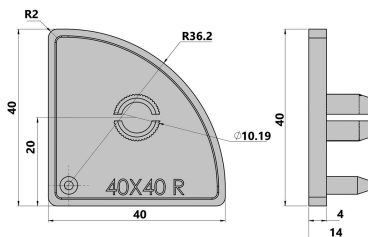
Orange (RAL 2004) : 999 102 077



COVER CAP

999 102 026

Cover cap 40x40 Radius



Qty/Box : 100 Pcs

Weight/Pc: 11 g

Weight / Box: 1.1 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 026

Blue (RAL 5010) : 999 102 027

Gray (RAL 7035) : 999 102 028

Red (RAL 3020) : 999 102 029

Yellow (RAL 1023) : 999 102 078

Orange (RAL 2004) : 999 102 079

COVER CAP

Cover Cap 40x80

999 102 030

Qty/Box : 100 Pcs

Weight/Pc: 11 g

Weight / Box: 1.1 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 030

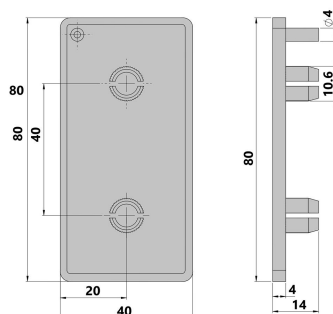
Blue (RAL 5010) : 999 102 031

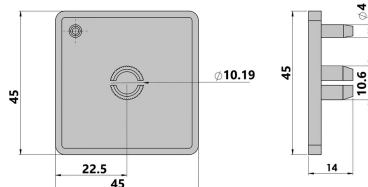
Gray (RAL 7035) : 999 102 032

Red (RAL 3020) : 999 102 033

Yellow (RAL 1023) : 999 102 080

Orange (RAL 2004) : 999 102 081



COVER CAP**999 102 034****Cover cap 45x45**

Qty/Box : 100 Pcs

Weight/Pc: 7 g

Weight / Box: 0.7 Kg

Application: To cover profile edges**Available Colors:**

Black (RAL 9005) : 999 102 034

Blue (RAL 5010) : 999 102 035

Gray (RAL 7035) : 999 102 036

Red (RAL 3020) : 999 102 037

Yellow (RAL 1023) : 999 102 082

Orange (RAL 2004) : 999 102 083

COVER CAP

Cover cap 45x45 R

999 102 038

Qty/Box : 100 Pcs

Weight/Pc: 7 g

Weight / Box: 0.7 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 038

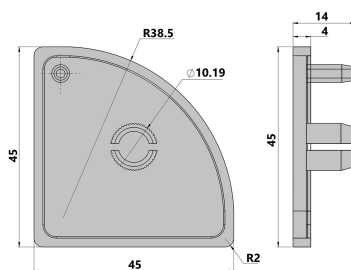
Blue (RAL 5010) : 999 102 039

Gray (RAL 7035) : 999 102 040

Red (RAL 3020) : 999 102 041

Yellow (RAL 1023) : 999 102 084

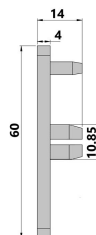
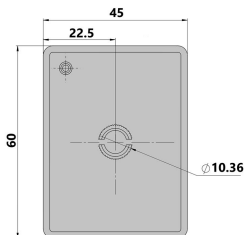
Orange (RAL 2004) : 999 102 085



COVER CAP

999 102 042

Cover cap 45x60



Qty/Box : 200 Pcs

Weight/Pc: 1.49 g

Weight / Box: 0.2 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 042

Blue (RAL 5010) : 999 102 043

Gray (RAL 7035) : 999 102 044

Red (RAL 3020) : 999 102 045

Yellow (RAL 1023) : 999 102 086

Orange (RAL 2004) : 999 102 087

COVER CAP

Cover cap 45x90

999 102 046

Qty/Box : 100 Pcs

Weight/Pc: 14 g

Weight / Box: 1.4 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 046

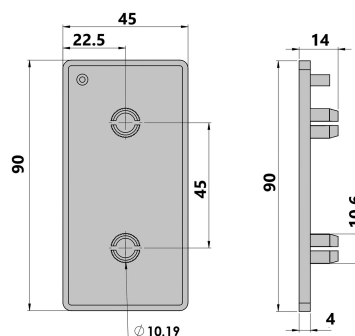
Blue (RAL 5010) : 999 102 047

Gray (RAL 7035) : 999 102 048

Red (RAL 3020) : 999 102 049

Yellow (RAL 1023) : 999 102 088

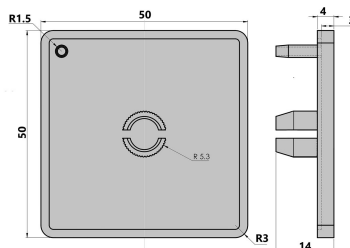
Orange (RAL 2004) : 999 102 089



COVER CAP

999 102 050

Cover cap 50x50



Qty/Box : 100 Pcs

Weight/Pc: 8 g

Weight / Box: 0.8 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 050

Blue (RAL 5010) : 999 102 051

Gray (RAL 7035) : 999 102 052

Red (RAL 3020) : 999 102 053

Yellow (RAL 1023) : 999 102 090

Orange (RAL 2004) : 999 102 091

COVER CAP

Cover cap 60x60

999 102 054

Qty/Box : 100 Pcs

Weight/Pc: 12 g

Weight / Box: 1.2 Kgs

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 054

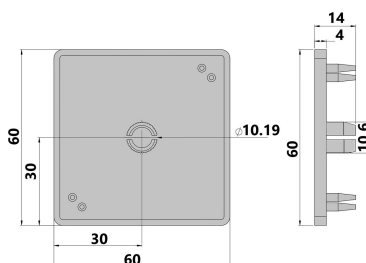
Blue (RAL 5010) : 999 102 055

Gray (RAL 7035) : 999 102 056

Red (RAL 3020) : 999 102 057

Yellow (RAL 1023) : 999 102 092

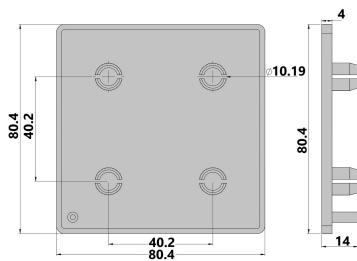
Orange (RAL 2004) : 999 102 093



COVER CAP

999 102 058

Cover cap 80x80



Qty/Box : 100 Pcs

Weight/Pc: 22 g

Weight / Box: 2.2 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 058

Blue (RAL 5010) : 999 102 059

Gray (RAL 7035) : 999 102 060

Red (RAL 3020) : 999 102 061

Yellow (RAL 1023) : 999 102 094

Orange (RAL 2004) : 999 102 095

COVER CAP

Cover cap 90x90

999 102 062

Qty/Box : 100 Pcs

Weight/Pc: 27 g

Weight / Box: 2.7 Kg

Application: To cover profile edges

Available Colors:

Black (RAL 9005) : 999 102 062

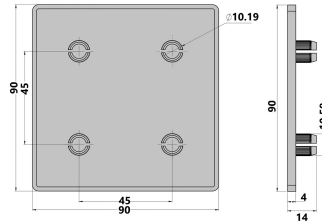
Blue (RAL 5010) : 999 102 063

Gray (RAL 7035) : 999 102 064

Red (RAL 3020) : 999 102 065

Yellow (RAL 1023) : 999 102 096

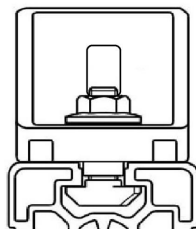
Orange (RAL 2004) : 999 102 097



CONNECTORS JOINTS

999 103 ...

Bracket



Material:

Die cast aluminium

Surface Finish Shot blasting

Application:

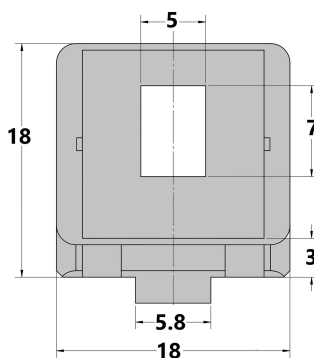
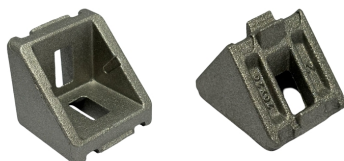
To connect profiles and panels rectangularly

Advantages:

No Taping required, Adjustable

999 103 001

Bracket 20x20



Quantity / Box : 1000 pcs

Weight / Pc : 0.004 Kg

Weight / Box 0.4 Kg

Max Load : 700 N

Bending Moment : 6 Nm

Accessories not included

2x T Nut Slot 6 M5 : 999 150 002

2 x Screw M5x8

Bracket with cap : 999 104 001

CONNECTORS JOINTS

Bracket 20 x 40

999 103 002

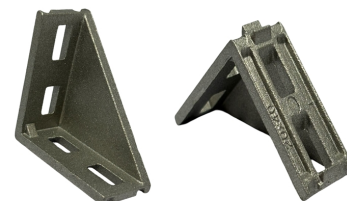
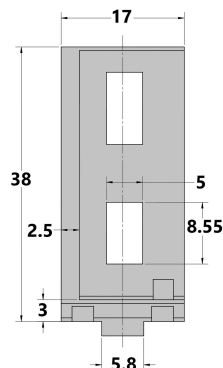
Quantity / Box : 500 pcs

Weight / Pc : 0.014 Kg

Weight / Box : 1.4 Kg

Max Load : 1400 N

Bending Moment : 12 Nm



Accessories not included

2x T Nut Slot 6 M5 : 999 150 002

2 x Screw M5x8

Bracket with cap : 999 104 002

Bracket 30x30

999 103 003

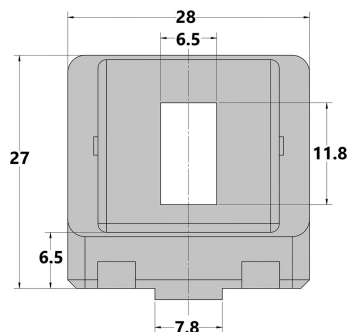
Quantity / Box : 1300 Pcs

Weight / pc : 0.02 Kg

Weight / Box : 10 Kg

Max Load : 1250 N

Bending Moment : 25 Nm



Accessories not included

2x T Nut Slot 8 M6 : 999 150 005

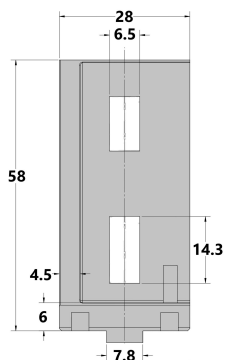
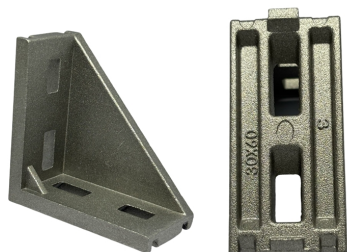
2 x Screw M6 x 14

Bracket with cap : 999 104 003

CONNECTORS JOINTS

999 103 004

Bracket 30x60



Quantity / Box : 600 Pcs

Weight / Pc : 0.047Kg

Weight / Box : 18.8 Kg

Max Load : 2500 N

Bending Moment : 100 Nm

Accessories not included

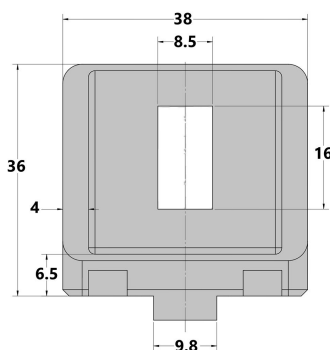
2x T Nut Slot 8 M6 : 999 150 005

2 x Screw M6 x 14

Bracket with cap : 999 104 004

999 103 005

Bracket 40x40 Medium



Quantity / Box : 600 Pcs

Weight / Pc : 0.036 Kg

Weight / Box : 9 Kg

Max Load : 3000 N

Bending Moment : 55 Nm

Accessories not included

2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M8 x 16

Bracket with cap : 999 104 005

CONNECTORS JOINTS

Bracket 40x40 Light

999 103 016

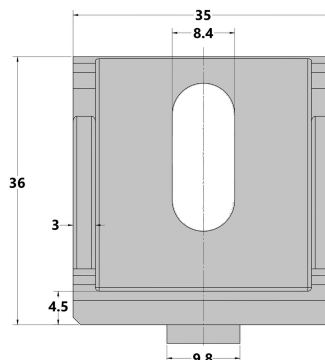
Quantity / Box : 600 Pcs

Weight / Pc : 0.026 Kg

Weight / Box : 3.9 Kg

Max Load : 2700 N

Bending Moment : 40 Nm



Accessories not included

2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M 8x 16

Bracket 40x80

999 103 006

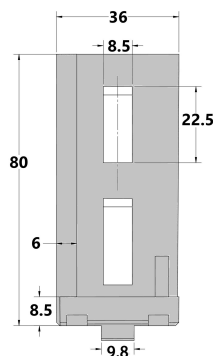
Quantity / Box : 240 Pcs

Weight / Pc : 0.117 Kg

Weight / Box : 17.55 Kg

Max Load : 6000 N

Bending Moment : 180 Nm



Accessories not included

2 x T Nut Slot 10 M8 : 999 150 009

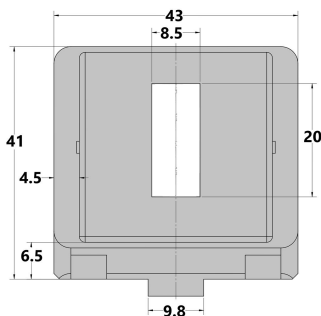
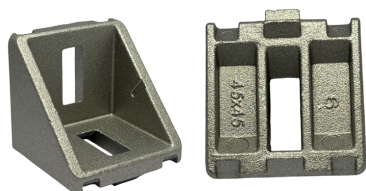
2 x Screw M8x20

Bracket with cap : 999 104 006

CONNECTORS JOINTS

999 103 007

Bracket 45x45



Quantity / Box : 400 Pcs

Weight / Pc : 0.051 Kg

Weight / Box : 10.2 Kg

Max Load : 3000 N

Bending Moment : 60 Nm

Accessories not included

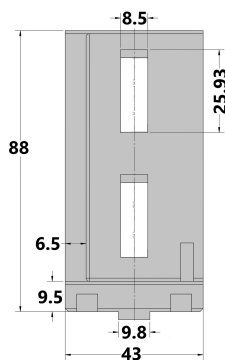
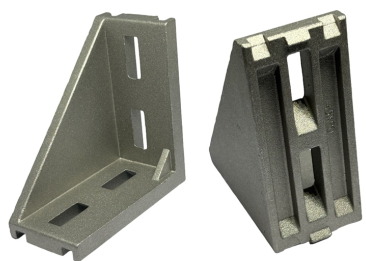
2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M8 x 20

Bracket with cap : 999 104 007

999 103 008

Bracket 45x90



Quantity / Box : 150 Pcs

Weight / Pc : 0.175 Kg

Weight / Box : 17.5 Kg

Max Load : 6000 N

Bending Moment : 180 Nm

Accessories not included

2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M8 x 20

Bracket with cap : 999 104 008

CONNECTORS JOINTS

Bracket 60x60

999103 009

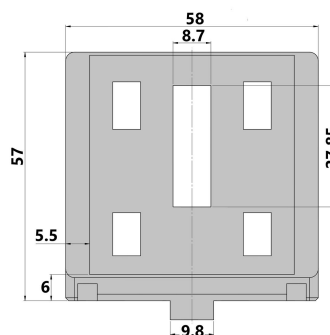
Quantity / Box : 210 Pcs

Weight / Pc : 0.106 Kg

Weight / Box : 10.6 Kg

Max Load : 3000 N

Bending Moment : 125 Nm



Accessories not included

SLOT 8 TO 8 :

2 x T Nut Slot 6 M6 : 999 150 006

2 x Screw M6 x 14

Slot 10 to 10

2 x T Nut Slot 10 M8 : 999 150 009

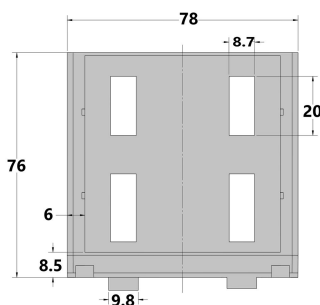
2 x Screw M8 x 14

Bracket with cap: 999 104 009

CONNECTORS JOINTS

999 103 010

Bracket 80x80



Quantity / Box : 80 Pcs

Weight / Pc : 0.235 Kg

Weight / Box : 18.8 Kg

Max Load : 12000 N

Bending Moment : 370 Nm

Accessories not included

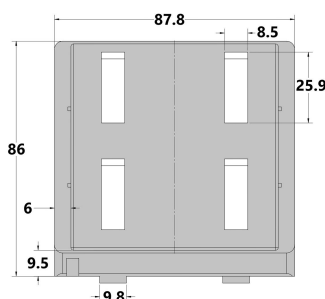
2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M8 x 18

1 x Cover cap : 999 104 010

999 103 011

Bracket 90x90



Quantity / Box : 60 Pcs

Weight / Pc : 0.292 Kg

Weight / Box : 29.2 Kg

Max Load : 12000 N

Bending Moment : 370 Nm

Accessories not included

2 x T Nut Slot 10 M8 : 999 150 009

2 x Screw M8 x 20

Bracket with cap: 999 104 011

CONNECTORS JOINTS

Table Clamp

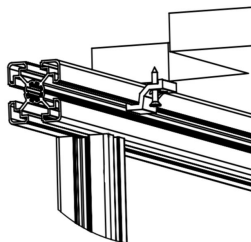
General

Material:

Al 6063 T6

Advantages:

Rotation Proof Connection, Appealing Design



Application: To connect table top wood with frame

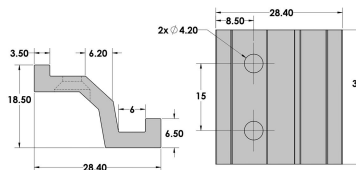
Table Clamp

999 168 001

Quantity / Box : 100

Weight / Pc : 0.011 Kgs

Weight / Box : 1.1 Kgs



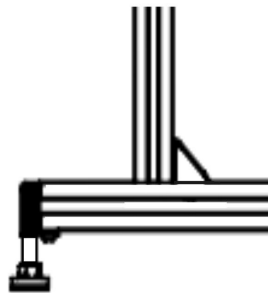
Accessories not included:

2 x chip board screws Dia 4 x 25mm

CONNECTORS JOINTS

999 170 ...

Feet Bracket



Application:

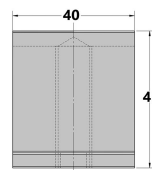
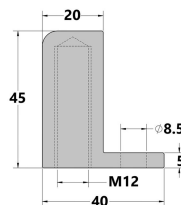
Feet bracket for leveling feet are primarily used for securely attaching leveling pad

Material :

Al 6063 T6

999 170 001

Feet Bracket 40x40



Quantity/Box : 10

Weight / Pc : 0.097 Kg

Weight / Box : 0.97 Kg

CONNECTORS JOINTS

Cubic Connectors

999 105 ...

Material :

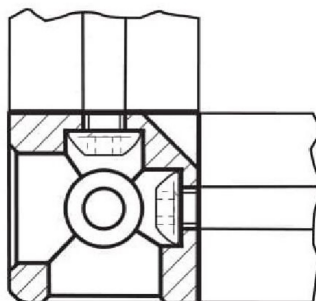
Die cast Aluminium

Application:

To connect three profiles rectangular, includes caps to cover the bores

Advantages:

Rotation proof connection. Appealing design



Cubic Connector 20x20 2D

999 105 001

Quantity / Box : 10

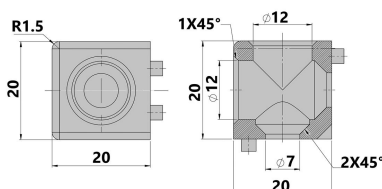
Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg

Inclu 2 x cover caps

Accessories not inclu :

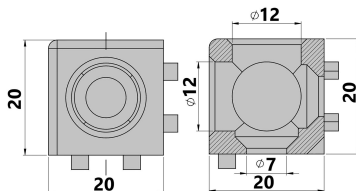
2 x central bolt M6 X 20 : 999 112 001



CONNECTORS JOINTS

999 105 002

Cubic Connector 20x20 3 D



Quantity / Box : 10

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg

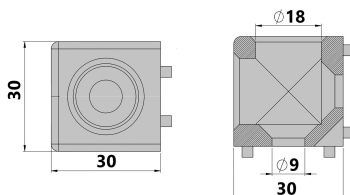
Inclu 3 x cover caps

Accessories not inclu :

2 x central bolt M6 X 20 :999 112 001

999 105 003

Cubic Connector 30x30 2 D



Quantity / Box : 10

Weight / Pc : 0.039 Kg

Weight / Box : 0.390 Kg

Inclu 2 x cover caps

Accessories not inclu :

2 x central bolt M8 X 20 :999 112 002

CONNECTORS JOINTS

Cubic Connector 30x30 3 D

999 105 004

Quantity / Box : 10

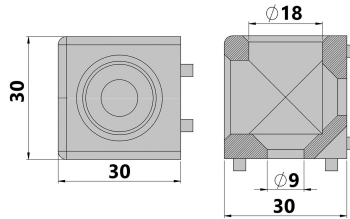
Weight / Pc : 0.039 Kg

Weight / Box : 0.390 Kg

Inclu 3 x cover caps

Accessories not inclu :

2 x central bolt M8 X 20 :999 112 002



Cubic Connector 40x40 2D

999 105 005

Quantity / Box : 10

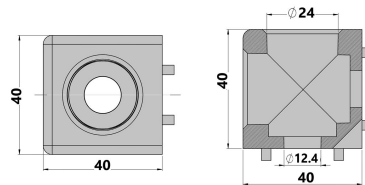
Weight / Pc : 0.095 Kg

Weight / Box : 0.950 Kg

Inclu 2 x cover caps

Accessories not inclu :

2 x central bolt M12 X 30 :999 112 003



Cubic Connector 40x40 3D

999 105 006

Quantity / Box : 10

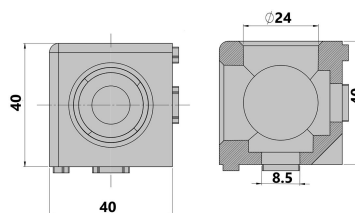
Weight / Pc : 0.095 Kg

Weight / Box : 0.950 Kg

Inclu 3 x cover caps

Accessories not inclu :

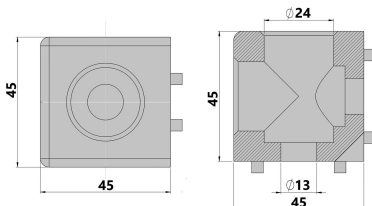
2 x central bolt M12 X 30 :999 112 003



CONNECTORS JOINTS

999 105 007

Cubic Connector 45X45 2D



Quantity / Box : 10

Weight / Pc : 0.152 Kg

Weight / Box : 1.520 Kg

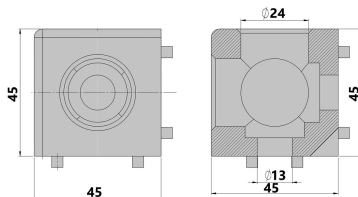
Inclu 2 x cover caps

Accessories not inclu :

2 x central bolt M12x30 :999 112 003

999 105 008

Cubic Connector 45x45 3D



Quantity / Box : 10

Weight / Pc : 0.152 Kg

Weight / Box : 1.520 Kg

Inclu 3 x cover caps

Accessories not inclu :

2 x central bolt M12x30 :999 112 003

999 107 ...

Corner Bracket



Material:

Die cast aluminium

Application :

To connect three profile rectangularly

Advantages :

Rotation - Proof connection , Appealing design

CONNECTORS JOINTS

Corner Bracket 20x20

999 107 001

Quantity / Box : 10

Weight / Pc : 0.010 Kg

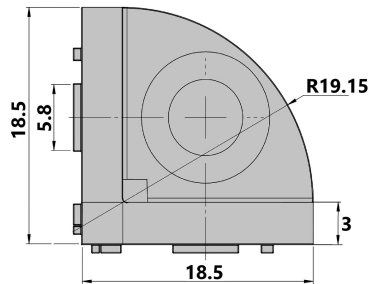
Weight / Box : 0.100 Kg

Tap : M7

Accessories not inclu :

3 x Counter sunk screw M4x20 :999 155
006

3 x Reducer M7 TO M4 : 999 162 003



Corner Bracket 30x30

999 107 002

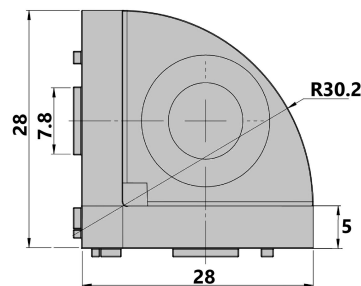
Quantity / Box : 10

Weight / Pc : 0.040 Kg

Weight / Box : 0.400 Kg

Accessories not inclu :

3 x Counter sunk screw M8X25 :999 155
004



Corner Bracket 40x40

999 107 003

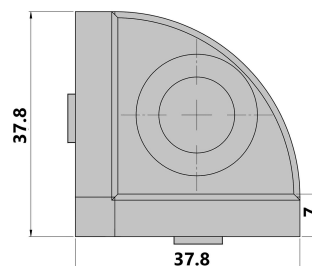
Quantity / Box : 10

Weight / Pc : 0.085 Kg

Weight / Box : 0.850 Kg

Accessories not inclu :

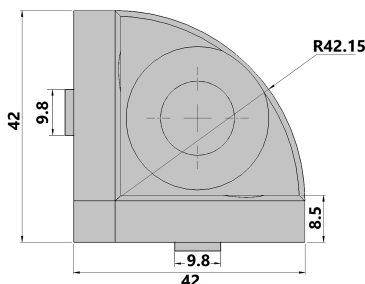
3 x Counter sunk screw M8X30 :999 155
005



CONNECTORS JOINTS

999 107 004

Corner Bracket 45x45



Quantity / Box : 10

Weight / Pc : 0.132 Kg

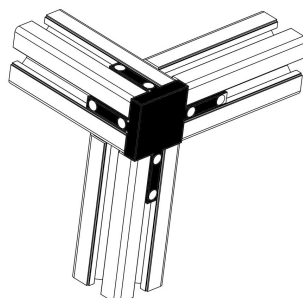
Weight / Box : 1.32 Kg

Accessories not inclu :

3 x Counter sunk screw M8 x 30 :999 155 005

999 109 ...

3 Way Connector



Material :

Die casting Aluminium

Application :

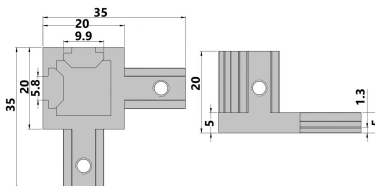
3DMounting of aluminium profile

Advantages :

Extremely Light, Stable ,resilient

999 109 001

3 Way Connector 20x20



Quantity / Box : 25

Weight / Pc : 0.021 Kg

Weight / Box : 0.52 Kg

87 DAP SYSTEM



CONNECTORS JOINTS

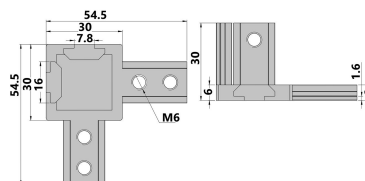
3 Way Connector 30x30

999 109 002

Quantity / Box : 25

Weight / Pc : 0.063 Kg

Weight / Box : 1.57 Kg



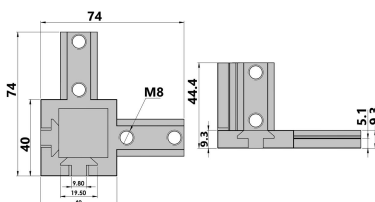
3 Way Connector 40x40

999 109 003

Quantity / Box : 25

Weight / Pc : 0.156 Kg

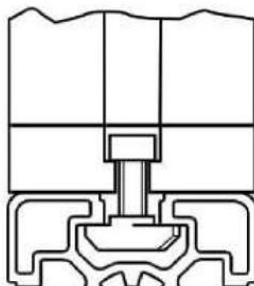
Weight / Box : 3.90 Kg



CONNECTORS JOINTS

999 110 ...

T Connector



Material :

Die cast zinc

Application:

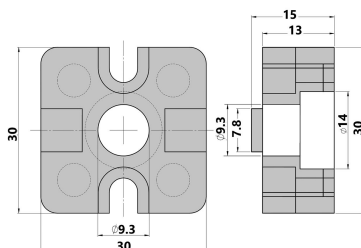
To connect profile rectangularly to other profiles or plates

Advantages:

High strength connection, appealing design

999 110 001

T Connector 30x30



Quantity / Box : 100

Weight / Pc : 0.055 Kg

Weight / Box : 5.5 Kg

CONNECTORS JOINTS

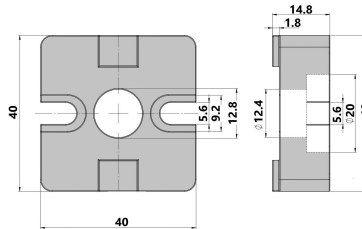
T Connector 40x40

999 110 002

Quantity / Box : 100

Weight / Pc : 0.055 Kg

Weight / Box : 5.5 Kg



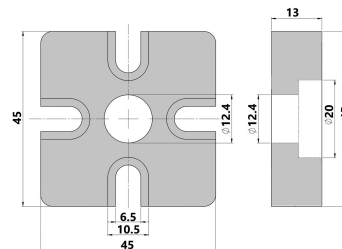
T Connector 45x45

999 110 003

Quantity / Box : 100

Weight / Pc : 0.055 Kg

Weight / Box : 5.5 Kg



Floor Bracket

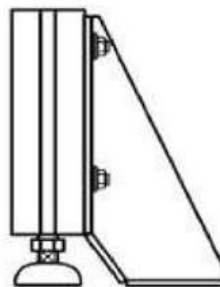
999 111 001

Material :

Steel zinc plated , 4mm thickness

Application :

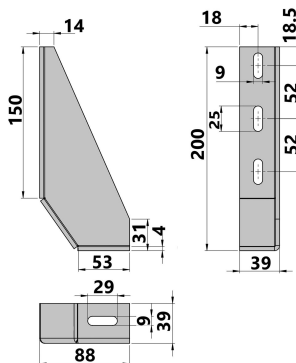
To securely fix aluminium to the floors
to prevent any movement of structure



CONNECTORS JOINTS

999 111 001.

Floor Bracket



Quantity / Box : 10

Weight / Pc : 0.572 Kgs

Weight / box : 5.72 Kgs

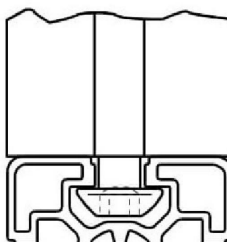
Accessories not incl:

2 x T Bolt M8 x 25 : 999 148 003

2 x Flange Nut 999 149 001:

999 112 ...

Central Bolt



Material :

Steel zinc plated

Application:

To connect profiles rectangularly

Advantages:

Not visible , Low cost

CONNECTORS JOINTS

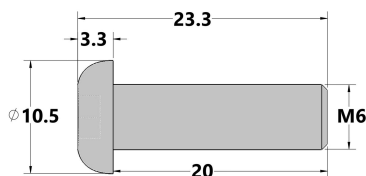
Central Bolt M6 X 20

999 112 001

Quantity / Box : 10

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg



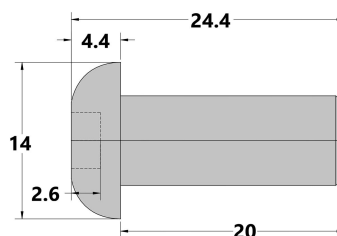
Central Bolt M8 x 20

999 112 002

Quantity / Box : 200

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg



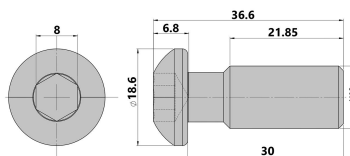
Central M12 x 30

999 112 003

Quantity / Box : 250

Weight / Pc : 0.029 Kg

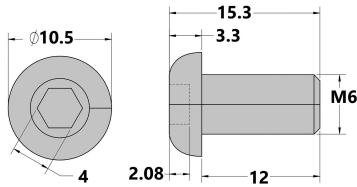
Weight / Box : 0.290 Kg



CONNECTORS JOINTS

999 112 004

Central Bolt M6 x 12



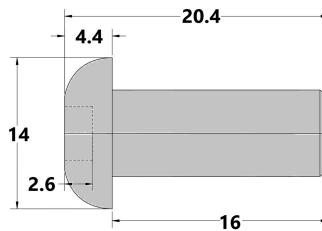
Quantity / Box : 10

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg

999 112 005

Central bolt M8 x 16



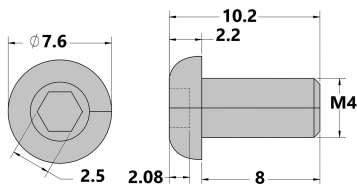
Quantity / Box : 10

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg

999 112 006

Central bolt M4 X 8



Quantity / Box : 100

Weight / Pc : 0.004 Kg

Weight / Box : 0.400 Kg

CONNECTORS JOINTS

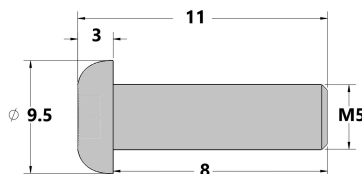
Central Bolt M5 x 8

999 112 007

Quantity / Box : 100

Weight / Pc : 0.005 Kg

Weight / Box : 0.500 Kg



Thread Forming Central Bolt S8x25

999 113 001

Quantity / Box : 100

Weight / Pc : 0.011Kg

Weight / Box : 1.1 Kg



⊛ T40

Thread Forming Central Bolt 12 x 30

999 113 002

Quantity / Box : 100

Weight / Pc : 0.025Kg

Weight / Box : 2.5 Kg

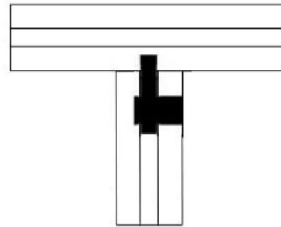


⊛ T50

CONNECTORS JOINTS

999 114 .

Quick Connector



Material :

Steel zinc plated

Application:

To make solid, rectangular connection of two profiles

Advantages:

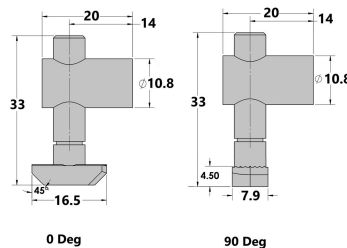
high tensile strength , easy to insert panels

999 114 001 & 002

Quick connector Slot 8 0 Deg & 90 Deg

0° : 001

90° : 002



Quantity / Box : 100

Weight / Pc : 0.020 Kg

Weight / Box : 2 Kg

Drilling Dia 11 mm

Distance to 18mm to end of profile

Depth 30x30 20mm

0 Deg : 999 114 001

0 Deg : 999 114 002

CONNECTORS JOINTS

Quick connector Slot 10 0 Deg & 90 Deg

999 114 003 & 004

Quantity / Box : 100

Weight / Pc : 0.055 Kg

Weight / Box : 5.5 Kg

Drilling : Dia 11mm

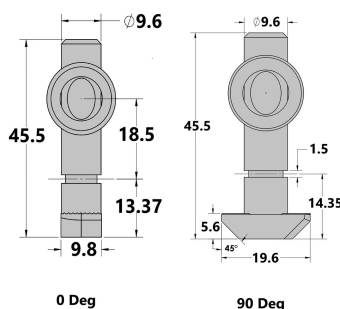
Distance to the end profile 22.5mm

Depth 40x40 : 31mm

Depth 45x45 : 34mm

0 Deg : 999 114 003

90 Deg : 999 114 004



0° : 003 90° : 004



Quick connector Slot 8 & 10 0 Deg & 90 Deg

999 114 005 & 006

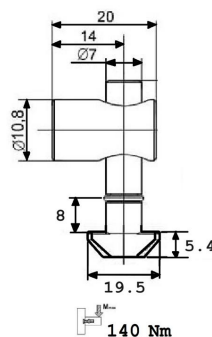
Quantity / Box : 100

Weight / Pc : 0.026 Kg

Weight / Box : 2.6 Kg

0 Deg : 999 114 005

90 Deg : 999 114 006



0° : 005 90° : 006



Any Degree Quick connector Slot 10 0 Deg & 90 Deg



No machining or drilling required, easy mounting

Weight / Box : 0.9 Kg

CONNECTORS JOINTS

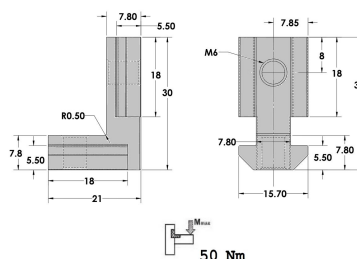
Inner Bracket slot 8 A

999 115 002

Quantity / Box : 100

Weight / Pc : 0.024Kg

Weight / Box : 2.4 Kg



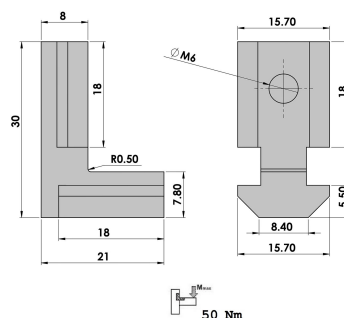
Inner Bracket slot 8 B

999 115 003

Quantity / Box : 100

Weight / Pc : 0.024 Kg

Weight / Box : 2.4 Kg



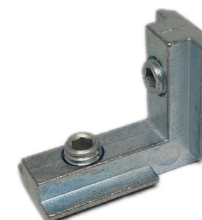
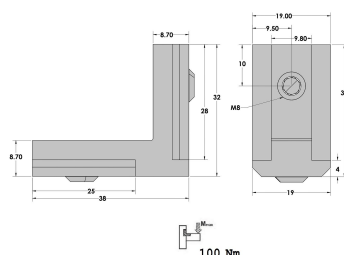
Inner Bracket slot 10 A

999 115 004

Quantity / Box : 100

Weight / Pc : 0.044 Kgs

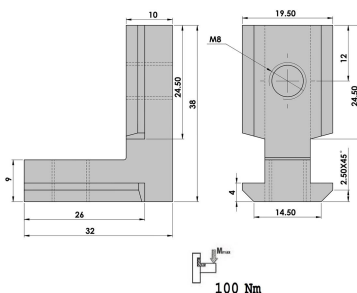
Weight / Box : 4.4 Kgs



CONNECTORS JOINTS

999 115 005

Inner Bracket slot 10 B



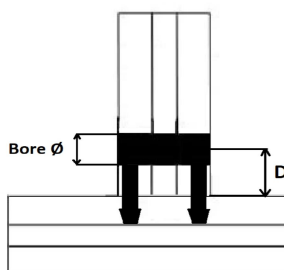
Quantity / Box : 100

Weight / Pc : 0.044 Kg

Weight / Box : 4.4 Kg

999 115 ..

Bolt Connector



Base Element : Steel, Zinc plated

Screws :Steel, Zinc plated

Hammer Nut :Steel, Zinc plated

Fixing Bolt : Nylon Pa Fibre reinforced

Screws cover :Nylon Pa Fibre reinforced

Application :

To connect two aluminium profiles rectangularly

Advantages :

Suitable for heavy loads and torsional stress

CONNECTORS JOINTS

Bolt connector 30X30

999 116 001

Quantity / Box : 10

Weight / Pc : 0.026 Kg

Weight / Box : 0.260 Kg

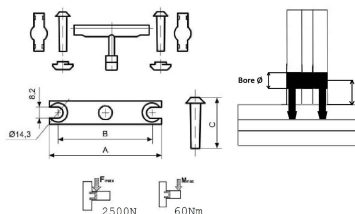
Bore Dia : 8.2mm

A : 28mm

B : 18mm

C : 25mm

D : 22.5mm



Bolt Connector 40x40

999 116 002

Quantity / Box : 10

Weight / Pc : 0.074 Kg

Weight / Box : 0.740 Kg

Bore Dia : 17 mm

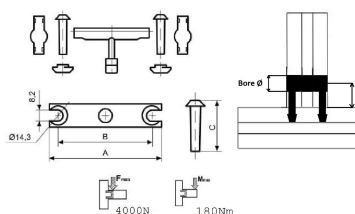
Screw : M8

A : 37 mm

B : 23 mm

C : 35 mm

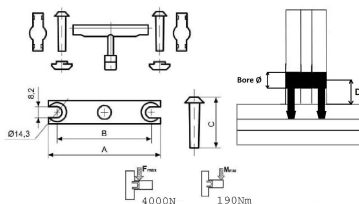
D : 22.5mm



CONNECTORS JOINTS

999 116 003

Bolt Connector 45x45



Quantity / Box : 10

Weight / Pc : 0.078 Kg

Weight / Box : 0.780 Kg

Bore Dia : 17 mm

Screw : M8

A : 42 mm

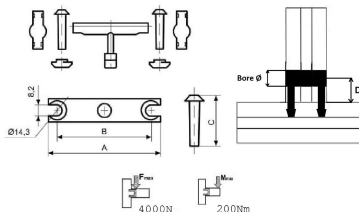
B : 28 mm

C : 35 mm

D : 22.5mm

999 116 004

Bolt connector 60x60



Quantity / Box : 10

Weight / Pc : 0.083 Kg

Weight / Box : 0.830 Kg

Bore Dia : 17 mm

Screw : M8

A : 57 mm

B : 43 mm

C : 35 mm

D : 22.5mm

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CONNECTORS JOINTS

Bolt Connector 80x80

999 116 005

Quantity / Box : 10

Weight / Pc : 0.121 Kg

Weight / Box : 1.21 Kg

Bore Dia : 17 mm

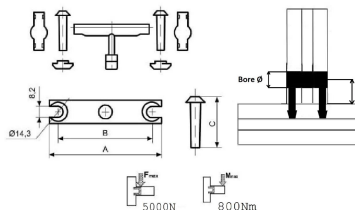
Screw : M8

A : 77 mm

B : 63 mm

C : 35 mm

D : 22.5mm



Bolt Connector 90x90

999 116 006

Quantity / Box : 10

Weight / Pc : 0.133 Kg

Weight / Box : 1.33 Kg

Bore Dia : 17 mm

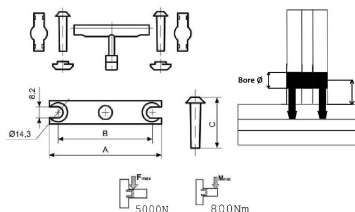
Screw : M8

A : 87 mm

B : 73 mm

C : 35 mm

D : 22.5mm



CONNECTORS JOINTS

999 117 ...

Universal Connector



Material:

Die cast aluminium

Application:

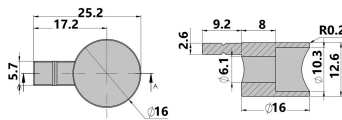
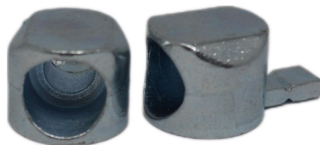
To connect two aluminium profiles rectangularly

Advantages:

Suitable for heavy load, torsional stress

999 117 001

Universal Connector Slot 8



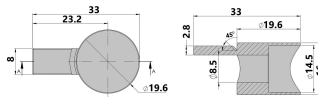
Quantity / Box : 50

Weight / Pc : 0.010 Kg

Weight / Box : 0.100 Kg

999 117 002

Universal Connector Slot 10



Quantity / Box : 50

Weight / Pc : 0.018 Kg

Weight / Box : 0.900 Kg

CONNECTORS JOINTS

Plates

999 118 ...

Material:

Die Casting Aluminium,

Finish:

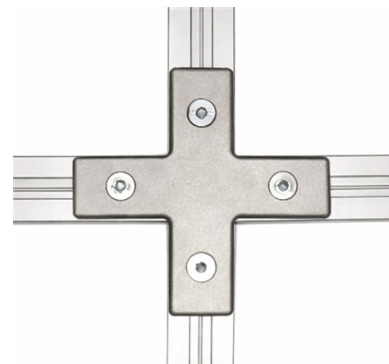
Shot Blasting

Application:

To connect profiles rectangularly to other profiles or plates

Advantages:

High strength connection, appealing design



Straight Plate 30x30

999 118 001

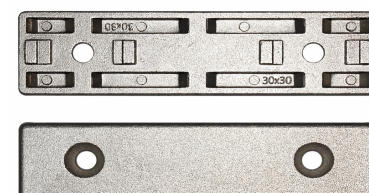
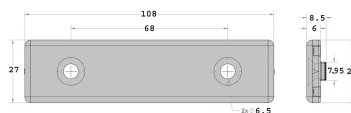
Quantity / Box : 10

Weight / Pc : 0.040 Kg

Weight / Box : 0.40 Kg

Accessories Not Incl:

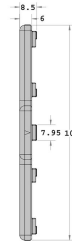
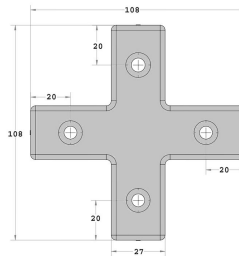
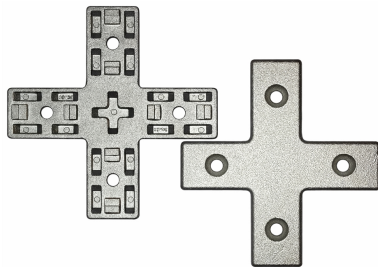
CSK M6x12 : 999 155 001



CONNECTORS JOINTS

999 118 002

4 Way Plate + 30x30



Quantity / Box : 10

Weight / Pc : 0.072 Kg

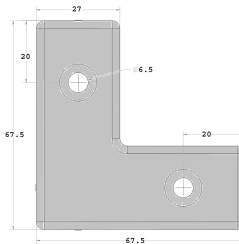
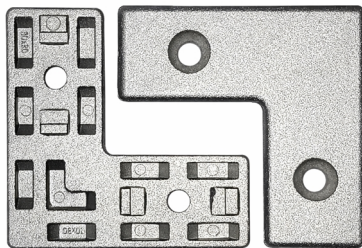
Weight / Box : 0.72 Kg

Accessories Not Incl:

CSK M6x12 : 999 155 001

999 118 003

2 Way Plate L 30x30



Quantity / Box : 10

Weight / Pc : 0.040 Kg

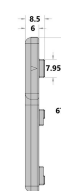
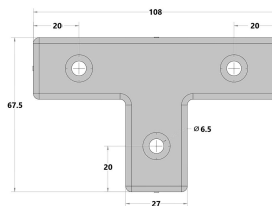
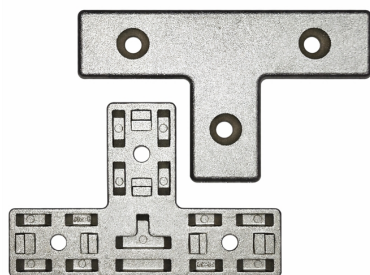
Weight / Box : 0.40 Kg

Accessories Not Incl:

CSK M6x12 : 999 155 001

999 118 004

3 Way Plate T 30x30



Quantity / Box : 10

Weight / Pc : 0.057 Kgs

Weight / Box : 0.57 Kgs

Accessories Not Incl:

CSK M6x12 : 999 155 001

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CONNECTORS JOINTS

Straight Plate 40x40

999 118 005

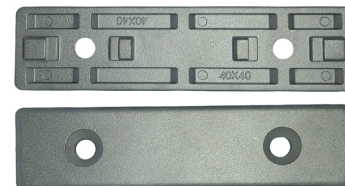
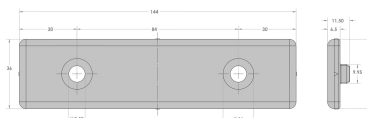
Quantity / Box : 10

Weight / Pc : 0.078 Kg

Weight / Box : 0.78 Kg

Accessories not incl:

M8x18 CSK Screw : 999 155 007



4 Way Plate + 40x40

999 118 006

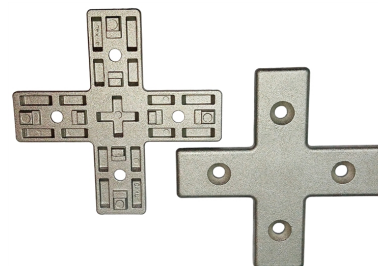
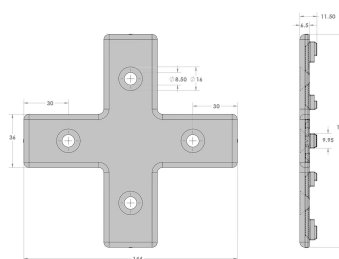
Quantity / Box : 10

Weight / Pc : 0.141 Kgs

Weight / Box : 1.41 Kgs

Accessories not incl:

M8x18 CSK Screw : 999 155 007



2 Way Plate L 40x40

999 118 007

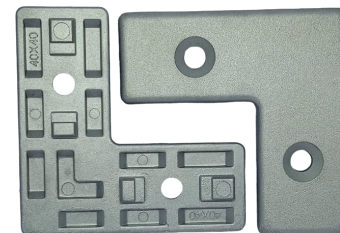
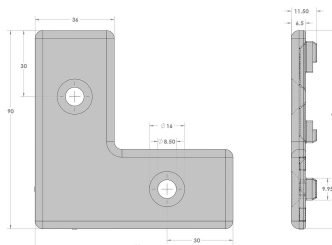
Quantity / Box : 10

Weight / Pc : 0.079 Kg

Weight / Box : 0.79 Kg

Accessories not incl:

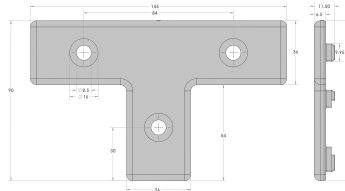
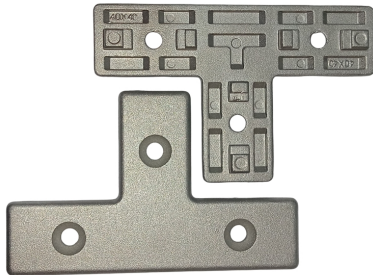
M8x18 CSK Screw : 999 155 007



CONNECTORS JOINTS

999 118 008

3 Way Plate T 40x40



Quantity / Box : 10

Weight / Pc : 0.110 Kg

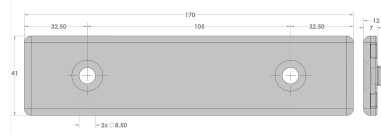
Weight / Box : 1.1 Kg

Accessories not incl:

M8x18 CSK Screw : 999 155 007

999 118 009

Straight Plate 45x45



Quantity / Box : 10

Weight / Pc : 0.113 Kg

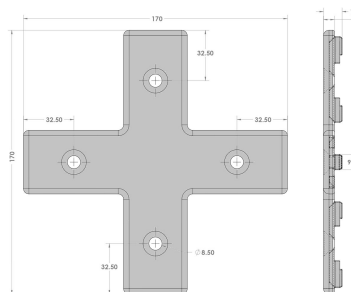
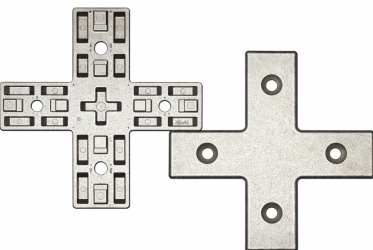
Weight / Box : 1.13 Kg

Accessories not incl:

M8x16 CSK Screw : 999 155 007

999 118 010

4 Way Plate + 45x45



Quantity / Box : 10

Weight / Pc : 0.206 Kg

Weight / Box : 2.06 Kg

Accessories not incl:

M8x16 CSK Screw : 999 155 007

CONNECTORS JOINTS

2 Way Plate L 45X45

999 118 011

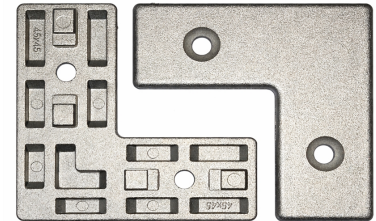
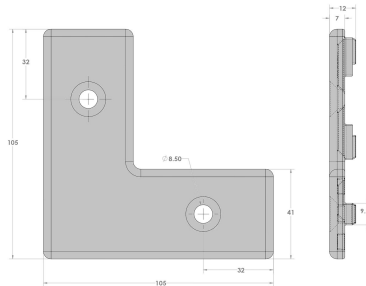
Quantity / Box : 10

Weight / Pc : 0.115 Kg

Weight / Box : 1.15 Kg

Accessories not incl:

M8x16 CSK Screw : 999 155 007



3 Way Plate T 45x45

999 118 012

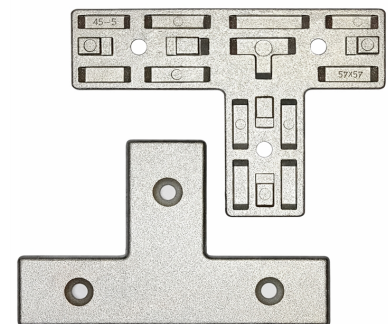
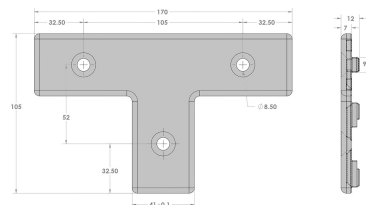
Quantity / Box : 10

Weight / Pc : 0.159 Kg

Weight / Box : 1.59 Kg

Accessories not incl:

M8x16 CSK Screw : 999 155 007



45 Deg Connectors

999 119 ...

Material:

Die cast aluminium, Plain surface

Cover : PA,black

Application:

To connect profile under 45 deg

Advantages:

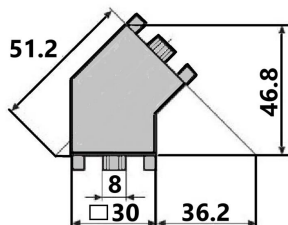
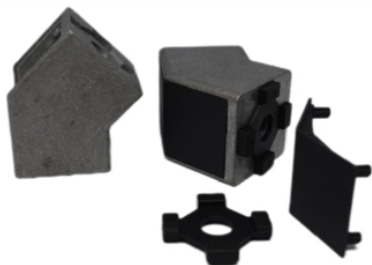
Make structures more rigid



CONNECTORS JOINTS

999 119 001.

45 Deg Connector 30 Slot 8



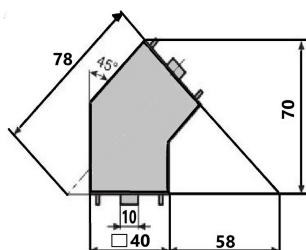
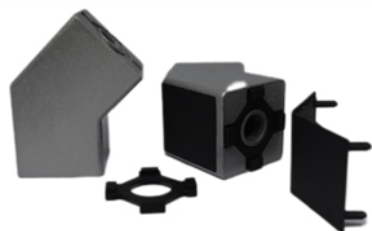
Quantity / Box : 5
Weight / Pc : 0.045 Kg
Weight / Box : 0.225 Kg
1 x Cover cap incl

Accessories not incl:

2 x Screw M8: 999 154 003

999 119 002

45 Deg Connector 40 Slot 10



Quantity / Box : 2

Weight / Pc : 0.250 Kg

Weight / Box : 0.500 Kg

1 x Cover cap incl

Accessories not incl:

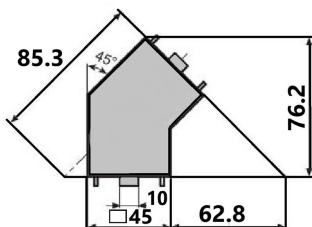
1 x T Bolt M8X20 : 999 148 002

1 x Flange Nut M8 : 999 149 001

2 x M12 x 30 Bolt : 999 112 003

999 119 003

45 Deg connector 45 Slot 10



Quantity / Box : 5

Weight / Pc : 0.155 Kg

Weight / Box : 0.775 Kg

1 x Cover cap incl

Accessories not incl:

2 x Screw M12: 999 154 005

CONNECTORS JOINTS

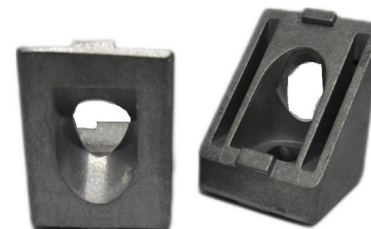
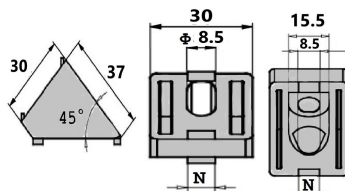
45 Deg Profile Cutting connector 30x30

999 120 001

Quantity / Box : 10

Weight / Pc : 0.031 Kgs

Weight / Box : 0.310 Kgs



Angle Connectors

999 121 ...

Material :

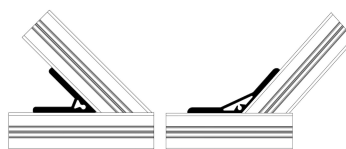
Al 603 T6

Application:

To connect profile 45 Deg , 135 Deg

Application:

Make structures, More Rigid



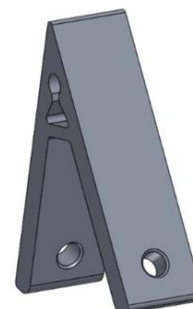
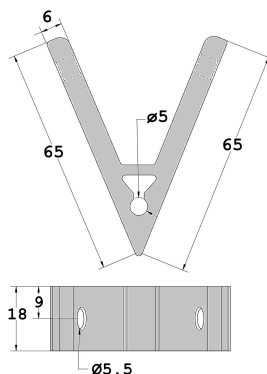
Angle Connector 45 Deg 20x20

999 121 017

Quantity / Box : 10

Weight / Pc : 0.033 Kg

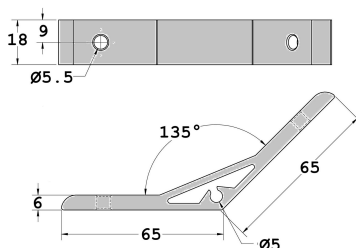
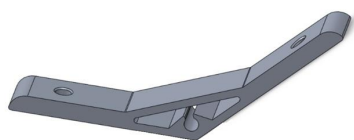
Weight / Box : 0.330 Kg



CONNECTORS JOINTS

999 121 018

Angle Connector 135 Deg 20x20



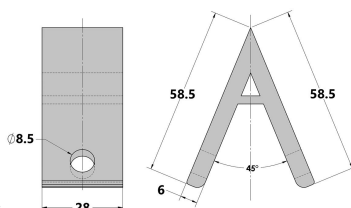
Quantity / Box : 10

Weight / Pc : 0.035 Kg

Weight / Box : 0.350 Kg

999 121 003

Angle Connector 45 Deg 30x30



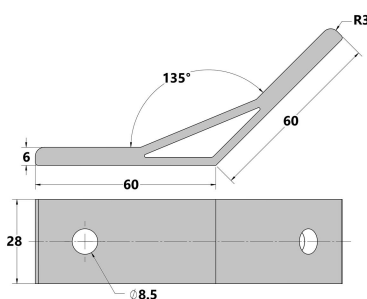
Quantity / Box : 10

Weight / Pc : 0.045 Kg

Weight / Box : 0.450 Kg

999 121 004

Angle Connector 135 Deg 30x30



Quantity / Box : 10

Weight / Pc : 0.048 Kg

Weight / Box : 0.480 Kg

CONNECTORS JOINTS

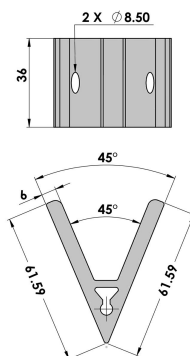
Angle Connector 45 Deg 40x40

999 121 001

Quantity / Box : 10

Weight / Pc : 0.052 Kg

Weight / Box : 0.520 Kg



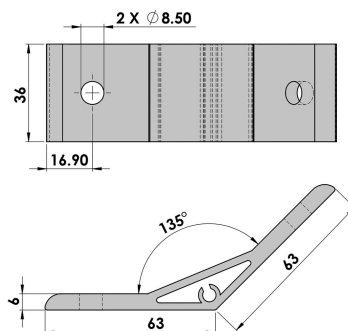
Angle Connector 135 Deg 40x40

999 121 002

Quantity / Box : 10

Weight / Pc : 0.054 Kg

Weight / Box : 0.540 Kg



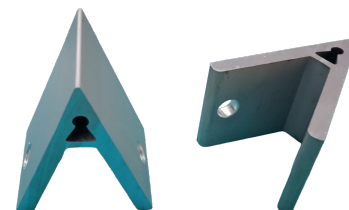
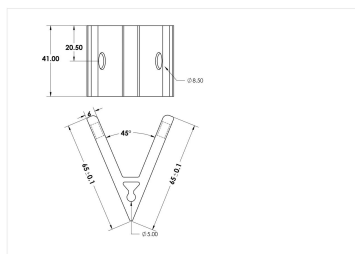
Angle Connector 45 Deg 45x45

999 121 005

Quantity / Box : 10

Weight / Pc : 0.073 Kg

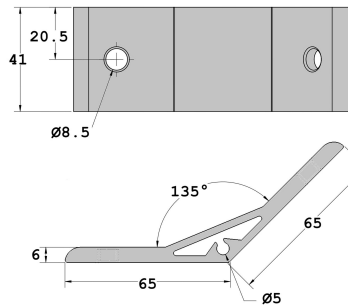
Weight / Box : 0.730 Kg



CONNECTORS JOINTS

999 121 006

Angle Connector 135 Deg 45x45



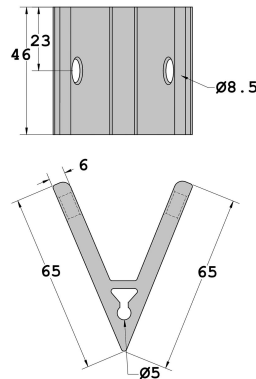
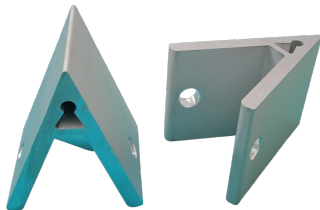
Quantity / Box : 10

Weight / Pc : 0.079 Kg

Weight / Box : 0.790 Kg

999 121 007

Angle Connector 45 Deg 50x50



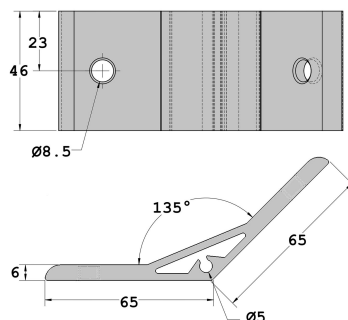
Quantity / Box : 10

Weight / Pc : 0.082 Kg

Weight / Box : 0.820 Kg

999 121 008

Angle Connector 135 Deg 50x50



Quantity / Box : 10

Weight / Pc : 0.088 Kg

Weight / Box : 0.880 Kg

CONNECTORS JOINTS

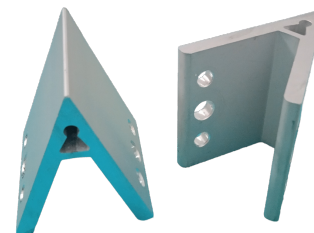
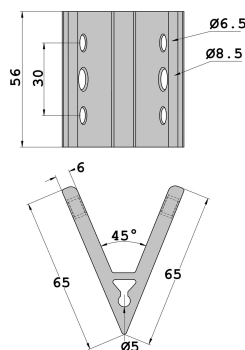
Angle Connector 45 Deg 60x60

999 121 009

Quantity / Box : 10

Weight / Pc : 0.097 Kg

Weight / Box : 0.970 Kg



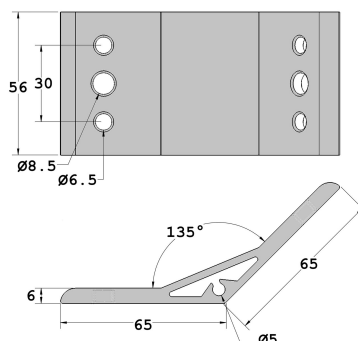
Angle Connector 135 Deg 60x60

999 121 010

Quantity / Box : 10

Weight / Pc : 0.106 Kg

Weight / Box : 1.06 Kg



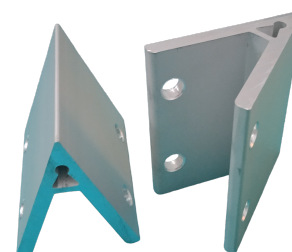
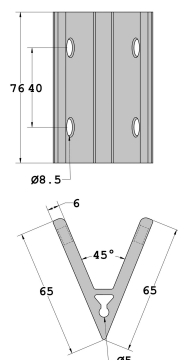
Angle Connector 45 Deg 80x80

999 121 011

Quantity / Box : 10

Weight / Pc : 0.134 Kg

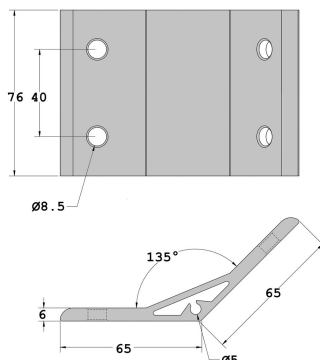
Weight / Box : 1.34 Kg



CONNECTORS JOINTS

999 121 012

Angle Connector 135 Deg 80x80



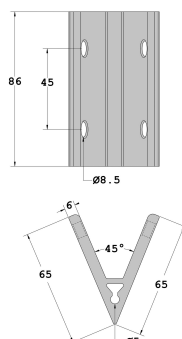
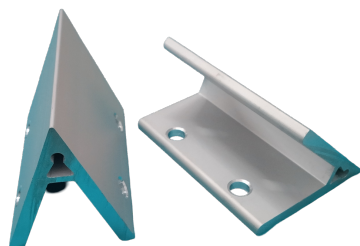
Quantity / Box : 10

Weight / Pc : 0.146 Kg

Weight / Box : 1.46 Kg

999 121 013

Angle Connector 45 Deg 90x90



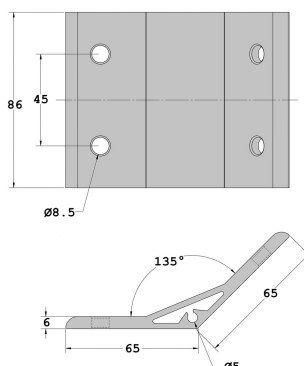
Quantity / Box : 10

Weight / Pc : 0.152 Kg

Weight / Box : 1.52 Kg

999 121 014

Angle Connector 135 Deg 90x90



Quantity / Box : 10

Weight / Pc : 0.166 Kg

Weight / Box : 1.66 Kg

CONNECTORS JOINTS

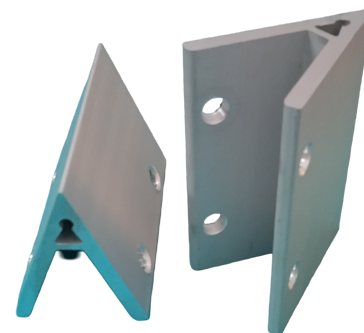
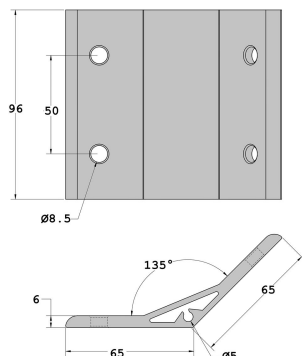
Angle Connector 45 Deg 100x100

999 121 015

Quantity / Box : 10

Weight / Pc : 0.170 Kg

Weight / Box : 1.70 Kg



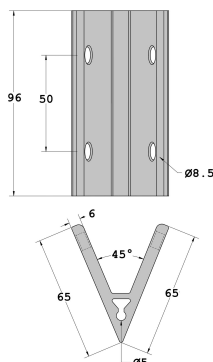
Angle Connector 135 Deg 100x100

999 121 016

Quantity / Box : 10

Weight / Pc : 0.182 Kg

Weight / Box : 1.82 Kg



Profile connectors

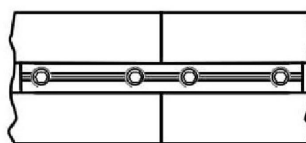
999 122 ...

Material:

Steel, zinc plated

Application:

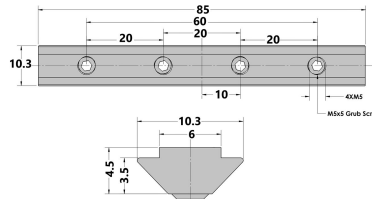
Make connections for profiles end to end



CONNECTORS JOINTS

999 122 001

Profile connector slot 6 Zinc Plated



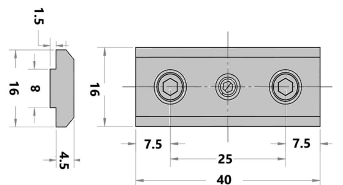
Quantity / Box : 50 pcs

Weight / M : 0.021 Kg

Weight / Box : 1.05 Kg

999 122 011

Profile connector Slot 8 40 mm Zinc plated



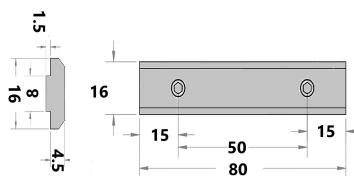
Quantity / Box : 25 pcs

Weight / M : 0.022 Kg

Weight / Box : 0.550 Kg

999 122 010

Profile connector Slot 8 80 mm Zinc Plated



Quantity / Box : 25

Weight / M : 0.0487 Kg

Weight / Box : 1.2 Kg

CONNECTORS JOINTS

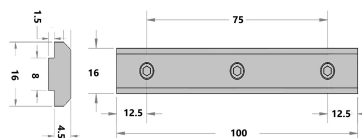
Profile connector Slot 8 100 mm Zinc Plated

999 122 009

Quantity / Box : 25

Weight / M : 0.060 Kg

Weight / Box : 1.5 Kg



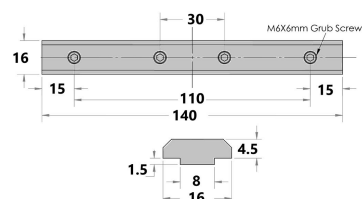
Profile connector Slot 8 140 mm Zinc Plated

999 122 008

Quantity / Box : 25

Weight / M : 0.084 Kg

Weight / Box : 2.1 Kg



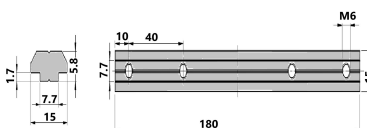
Profile connector Slot 8 180 mm Zinc Plated

999 122 002

Quantity / Box : 25

Weight / M : 0.10 Kg

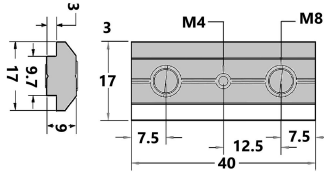
Weight / Box : 2.5 Kg



CONNECTORS JOINTS

999 122 007

Profile connector Slot 10 40 mm Zinc Plated



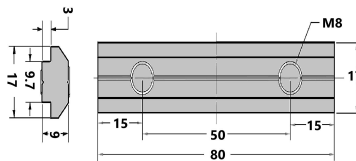
Quantity / Box : 25

Weight / M : 0.036 Kg

Weight / Box : 09 Kg

999 122 006

Profile connector Slot 10 80 mm Zinc Plated



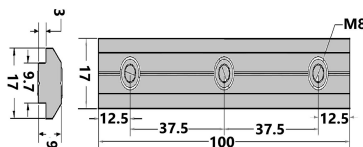
Quantity / Box : 25

Weight / M : 0.072 Kg

Weight / Box : 1.8 Kg

999 122 005

profile connector Slot 10 100mm Zinc Plated



Quantity / Box : 25

Weight / M : 0.089 Kg

Weight / Box : 2.225 Kg

CONNECTORS JOINTS

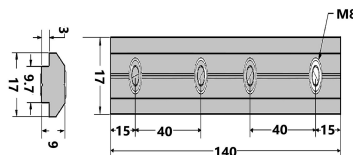
Profile connector Slot 10 140 mm Zinc Plated

999 122 004

Quantity / Box : 25

Weight / M : 0.125 Kg

Weight / Box : 3.125 Kg



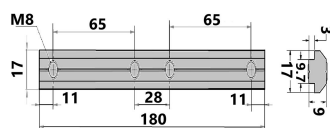
Profile connector Slot 10 180 mm Plated

999 122 003

Quantity / Box : 25

Weight / M : 0.157 Kg

Weight / Box : 3.925 Kg



Any Degree Connectors

999 123 ...

Material:

Steel, zinc plated

Application:

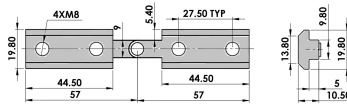
To connect profiles angle



CONNECTORS JOINTS

999 123 001

Any Degree connector Outer small slot 10



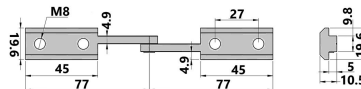
Quantity / Box : 10

Weight / M : 0.107 Kg

Weight / Box : 1.07 Kg

999 123 002

Any Degree connector inner long slot 10



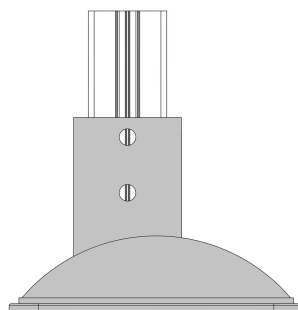
Quantity / Box : 10

Weight / M : 0.123 Kg

Weight / Box : 1.23 Kg

999 124 ...

Fence Mount Base



Material:

Die cast aluminium

Application:

To mount profile pillars to floor

Advantages:

Aligning Feature , appealing design

CONNECTORS JOINTS

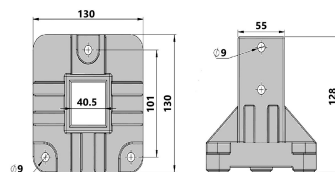
Fence mount base 40x40 Black

999 124 001

Quantity / Box : 1

Weight / pc : 0.847 Kg

Weight / Box : 0.847 Kg



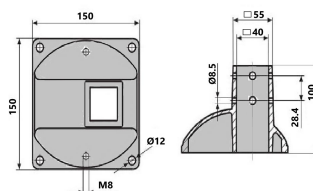
Fence mount base 40x40 Type 2

999 124 004

Quantity / Box : 1

Weight / M : 0.847 Kg

Weight / Box : 0.847 Kg



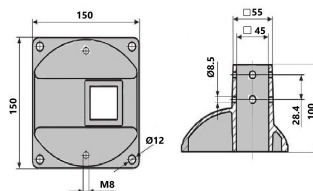
Fence mount base 45x45 Black

999 124 002

Quantity / Box : 10

Weight / M : 0.558 Kg

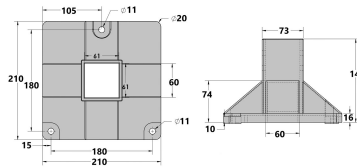
Weight / Box : 0.588 Kg



CONNECTORS JOINTS

999 124 003

Fence mount base 60x60 Gray



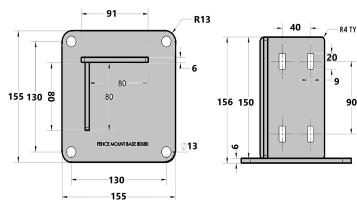
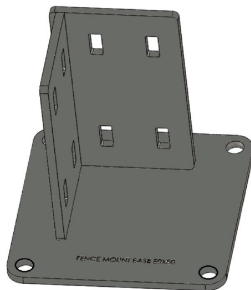
Quantity / Box : 1

Weight / M : 1.452 Kg

Weight / Box : 1.452 Kg

999 124 005

Fence mount base 80x80



Quantity / Box : 1

Weight / M : 2.37 Kg

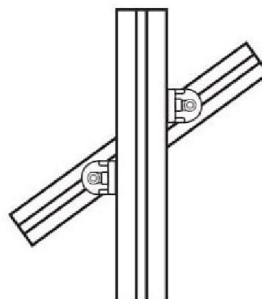
Weight / Box : 2.37 Kg

Material:

Steel, zinc coated

999 125 ...

Swivel Bracket



Material:

Die cast aluminium

Application:

To connect profiles at an adjustable

Advantages:

No machining required

123 DAP SYSTEM



CONNECTORS JOINTS

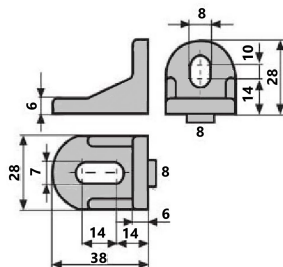
Swivel Bracket 28x38 R

999 125 001

Quantity / Box : 10

Weight / Pc : 0.016 Kg

Weight / Box : 0.16 Kg



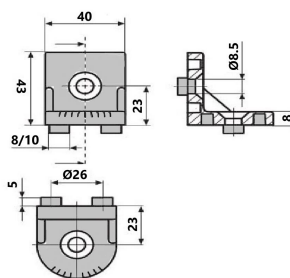
Swivel Bracket 40x43 R

999 125 002

Quantity / Box : 10

Weight / Pc : 0.045 Kg

Weight / Box : 0.450 Kg



CONNECTORS JOINTS

999 126 ...

Pivot Joint



Material:

Joint : Die cast zinc

Locking lever : Nylon PA

glass fibre reinforced

Application:

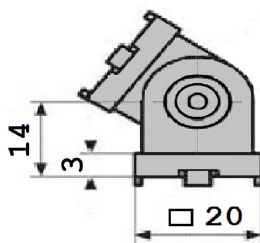
To make a pivoting connection between 2 profiles or panels which can be fixed at any angle , fixed locating pins for slot 8 and slot 10 optional

Advantages:

By tightening or loosening the screw and the locking lever seamlessly regulate the functionality of the joint or you can fix it in one position.

999 126 010

Pivot Joint 20x20 without lever



Quantity / Box : 2

Weight / Pc : 0.036 Kg

Weight / Box : 0.072 Kg

125 DAP SYSTEM



CONNECTORS JOINTS

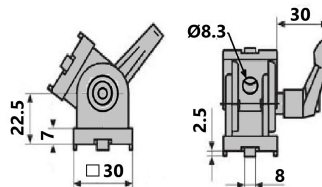
Pivot Joint 30x30 with lever

999 126 001

Quantity / Box : 2

Weight / Pc : 0.160 Kg

Weight / Box : 0.320 Kg



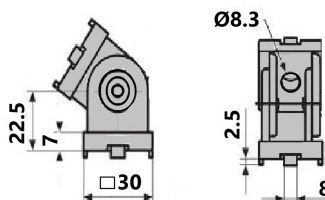
Pivot Joint 30x30 without lever

999 126 002

Quantity / Box : 10

Weight / Pc : 0.160 Kg

Weight / Box : 0.160 Kg



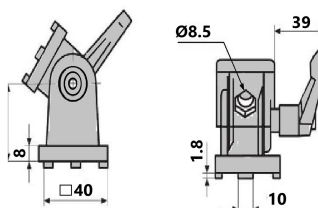
Pivot Joint 40x40 with lever

999 126 003

Quantity / Box : 2

Weight / Pc : 0.340 kg

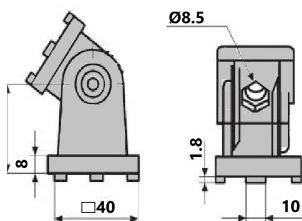
Weight / Box : 0.680 Kg



CONNECTORS JOINTS

999 126 004

Pivot Joint 40x40 without lever



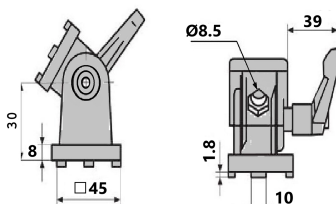
Quantity / Box : 2

Weight / Pc : 0.340 kgs

Weight / Box : 0.680 Kgs

999 126 005

Pivot Joint 45x45 with lever



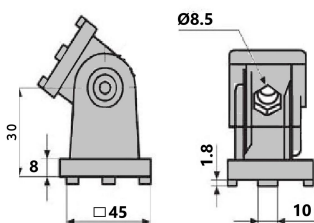
Quantity / Box : 2

Weight / Pc : 0.390 kg

Weight / Box : 0.780 Kg

999 126 006

Pivot Joint 45x45 without lever



Quantity / Box : 2

Weight / Pc : 0.390 kgs

Weight / Box : 0.78 Kgs

CONNECTORS JOINTS

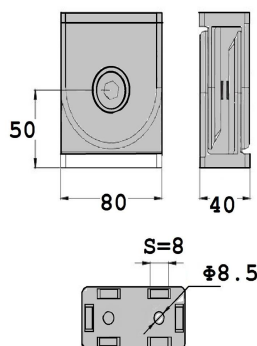
Pivot Joint 40x80

999 126 007

Quantity / Box : 2

Weight / Pc : 1.03 kg

Weight / Box : 2.06 Kg



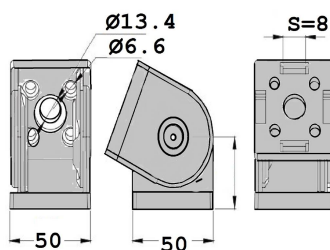
Pivot Joint 50x50

999 126 008

Quantity / Box : 2

Weight / Pc : 0.43 kg

Weight / Box : 0.86 Kg



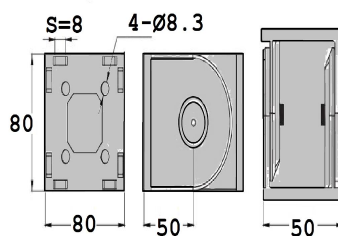
Pivot Joint 80x80

999 126 009

Quantity / Box : 2

Weight / Pc : 1.40 kg

Weight / Box : 2.80 Kg



CONNECTORS JOINTS

999 127 ...

Pivoting Bracket



Material:

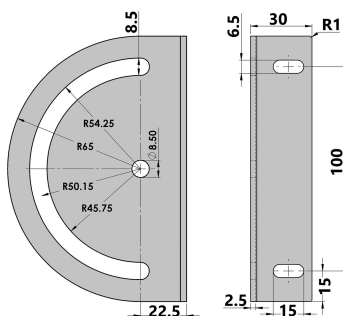
Steel, zinc plated

Application:

Adjustable angle connector, lockable

999 127 001

Pivoting Bracket Slot 10



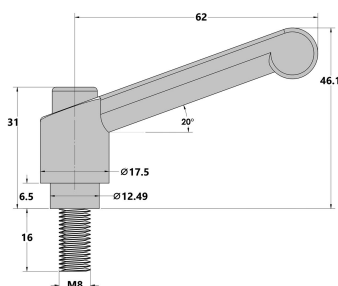
Quantity / Box : 10

Weight / Pc : 0.220 kg

Weight / Box : 2.2 Kg

999 128 001

Clamp Lever M8X16



Quantity / Box : 10

Weight / Pc : 0.036 kg

Weight / Box : 0.36 Kg

Material:

Plastic: Glass fibre reinforced

Screw : steel, zinc plated

CONNECTORS JOINTS

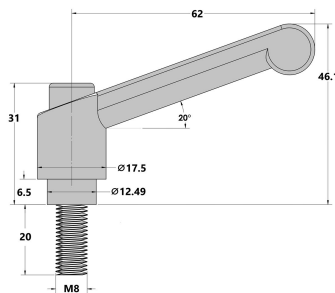
Clamp Lever M8X20

999 128 002

Quantity / Box : 10

Weight / Pc : 0.038 kg

Weight / Box : 0. 380 Kg



FEET WHEELS BASE PLATES

999 129...

Feet

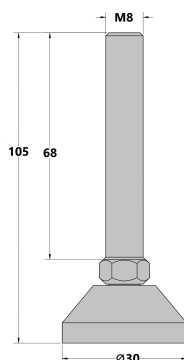


Application:

Feet to compensate uneven floor and floor adjustment.

999 129 001

Feet Polyamide Dia 30xM8



Quantity / Box : 10

Swivelling range : +/- 5 deg

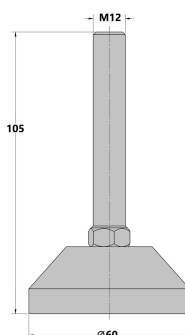
Weight / Pc : 0.048 Kg

Weight / Box : 0.480 Kg

Max load : 350 kg

999 129 002

Feet Polyamide Dia 60xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.115 Kg

Weight / Box : 1.15 Kg

Max load : 480 kg

131 DAP SYSTEM



FEET WHEELS BASE PLATES

Feet Polyamide Dia 80xM12

999 129 003

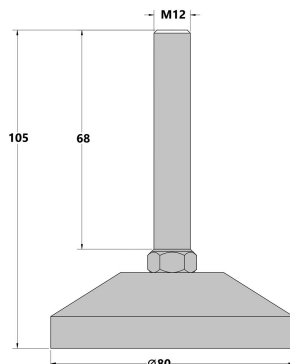
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.148 Kg

Weight / Box : 1.48 Kg

Max Load : 560 kg



Feet Polyamide Dia 100xM12

999 129 004

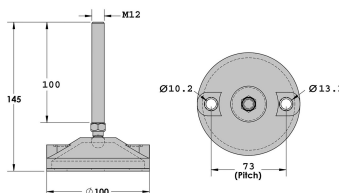
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.237 Kg

Weight / Box : 2.37 Kg

Max load : 650 kg



Feet Polyamide Dia 40xM12

999 129 005

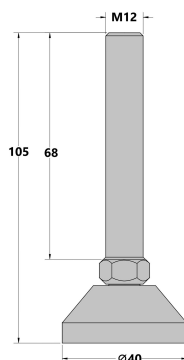
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.077 Kg

Weight / Box : 0.77 Kg

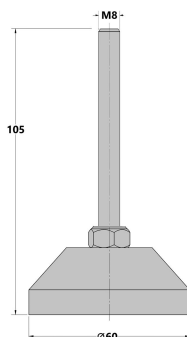
Max load : 400 kg



FEET WHEELS BASE PLATES

999 129 006

Feet Polyamide Dia 60xM8



Quantity / Box : 10

Swivelling range : +/- 5 deg

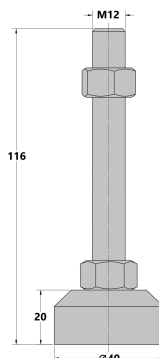
Weight / Pc : 0.091 Kg

Weight / Box : 0.91 Kg

Max load : 480 kg

999 130 001

Feet MS Dia 40xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.190 Kg

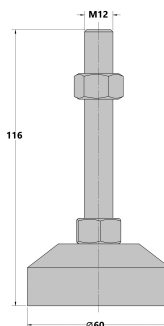
Weight / Box : 1.90 Kg

Max Load : 550 Kg

Material : MS, Zinc plated

999 130 002

Feet MS Dia 60xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.300 Kg

Weight / Box : 3 Kg

Max load : 604 kg

Material : MS, Zinc plated

FEET WHEELS BASE PLATES

Feet MS Dia 80xM12

999 130 003

Quantity / Box : 10

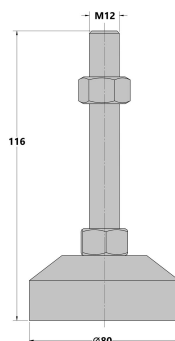
Swivelling range : +/- 5 deg

Weight / Pc : 0.442 Kg

Weight / Box : 4.42 Kg

Max Load : 820 Kg

Material : MS, Zinc plated



Feet MS Dia 100xM12

999 130 004

Quantity / Box : 10

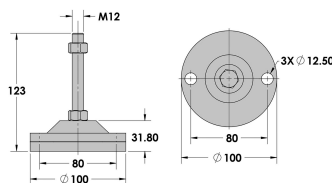
Swivelling range : +/- 5 deg

Weight / Pc : 0.549 Kgs

Weight / Box : 5.49 Kgs

Max load : 1000 kgs

Material : MS, Zinc plated



Feet SS Dia 40xM12

999 131 001

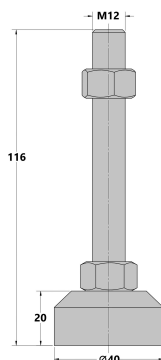
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.190 Kgs

Weight / Box : 1.9 Kg

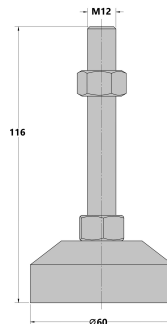
Max load : 550 kgs



FEET WHEELS BASE PLATES

999 131 002

Feet SS Dia 60xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

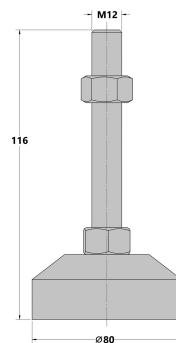
Weight / Pc : 0.300 Kgs

Weight / Box : 3 Kgs

Max load : 640 kgs

999 131 003

Feet SS Dia 80xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

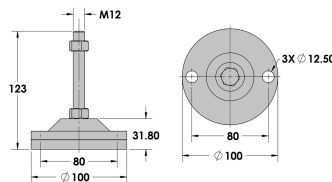
Weight / Pc : 0.442 Kgs

Weight / Box : 4.42 Kgs

Max load : 820 kgs

999 134 004

Feet SS Dia 100xM12



Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.549 Kgs

Weight / Box : 5.49 Kg

Max load : 1000 kgs

135 DAP SYSTEM



FEET WHEELS BASE PLATES

Feet MS With Grouting Dia 60xM12

999 164 001

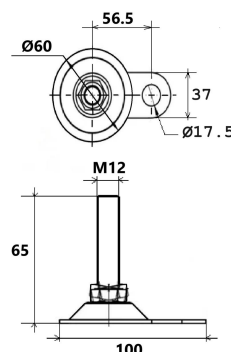
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.165 Kg

Weight / Box : 1.65 Kg

Max load : 480 kg



Feet MS With Grouting Dia 76xM12

999 164 002

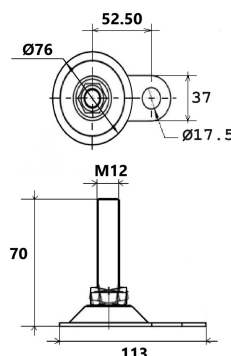
Quantity / Box : 10

Swivelling range : +/- 5 deg

Weight / Pc : 0.209 Kg

Weight / Box : 2.09 Kg

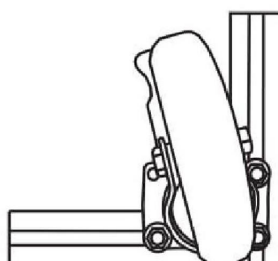
Max load : 560 kg



FEET WHEELS BASE PLATES

999 132 ...

Castor Wheels



Material :

Wheel : Polyurethane (PUR)

Maroon colour

Bearing : TPFE

Application:

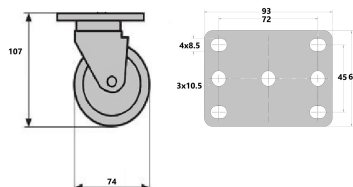
For wheels

Advantages:

Economic and easy to mount

999 132 001

Castor Dia 75 Flange Type with brake



Quantity / Box : 10

Weight / Pc : 0.736 Kg

Weight / Box : 7.36 Kg

Max load : 110 kg

137 DAP SYSTEM



FEET WHEELS BASE PLATES

Castor Dia 75 Flange Type without brake

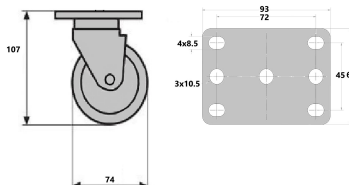
999 132 002

Quantity / Box : 10

Weight / Pc : 0.603 Kg

Weight / Box : 6.03 Kg

Max load : 110 kg



Castor Dia 75 Stud Type with brake

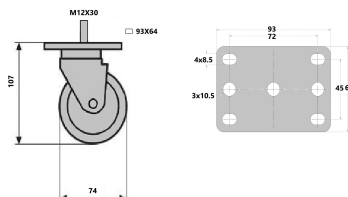
999 132 003

Quantity / Box : 10

Weight / Pc : 0.647 Kg

Weight / Box : 6.47 Kg

Max load : 110 kg



Castor Dia 75 Stud Type without brake

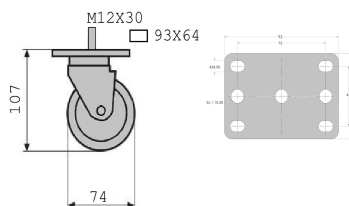
999 132 004

Quantity / Box : 10

Weight / Pc : 0.509 Kg

Weight / Box : 5.09 Kg

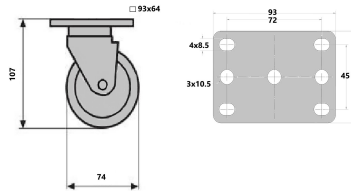
Max load : 150 kg



FEET WHEELS BASE PLATES

99 132 005

Castor Dia 75 Fixed Type



Quantity / Box : 10

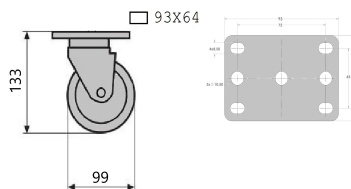
Weight / Pc : 0.424 Kg

Weight / Box : 4.24 Kg

Max load : 110 kg

999 132 006

Castor Dia 100 Flange Type with brake



Quantity / Box : 10

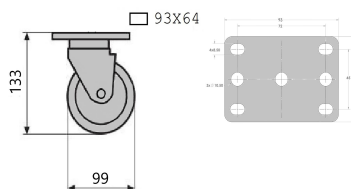
Weight / Pc : 0.837 Kg

Weight / Box : 8.37 Kg

Max load : 130 kg

999 132 007

Castor Dia 100 Flange Type without brake



Quantity / Box : 10

Weight / Pc : 0.706 Kg

Weight / Box : 7.06 Kg

Max load : 130 kg

139 DAP SYSTEM



FEET WHEELS BASE PLATES

Castor Dia 100 Stud Type with brake

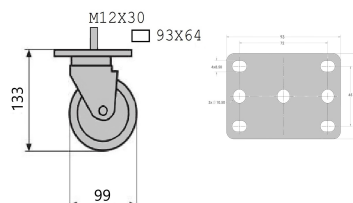
999 132 008

Quantity / Box : 10

Weight / Pc : 0.744 Kg

Weight / Box : 7.44 Kg

Max load : 130 kg



Castor Dia 100 Stud Type without brake

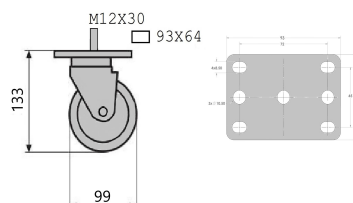
999 132 009

Quantity / Box : 10

Weight / Pc : 0.613 Kg

Weight / Box : 6.13 Kg

Max load : 170 kg



Castor Dia 100 Fixed Type

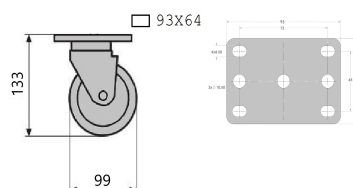
999 132 010

Quantity / Box : 10

Weight / Pc : 0.529 Kg

Weight / Box : 5.29 Kg

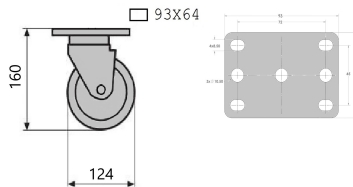
Max load : 130 kg



FEET WHEELS BASE PLATES

999 132 011

Castor Dia 125 Flange Type with brake



Quantity / Box : 10

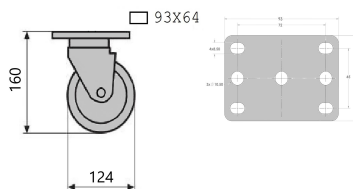
Weight / Pc : 0.931 Kg

Weight / Box : 9.31 Kg

Max load : 150 kg

999 132 012

Castor Dia 125 Flange Type without brake



Quantity / Box : 10

Weight / Pc : 0.808 Kg

Weight / Box : 8.08 Kg

Max load : 150 kg

999 133 ...

Transport and Base plate



Material:

Die cast aluminium

Application:

To mount leveling feet, Rollers, Hooks or similar components

FEET WHEELS BASE PLATES

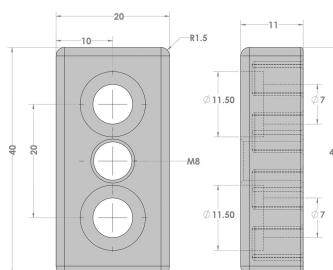
Base plate 20x40

999 133 001

Quantity / Box : 10

Weight / Pc : 0.040 Kg

Weight / Box : 0.400 Kg



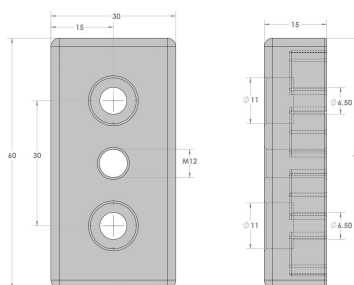
Base plate 30x60

999 133 002

Quantity / Box : 10

Weight / Pc : 0.042 Kg

Weight / Box : 0.420 Kg



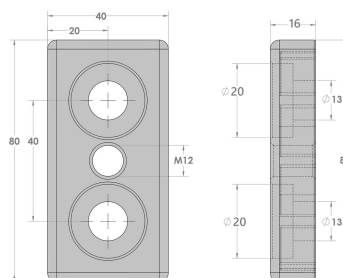
Base plate 40x80

999 133 003

Quantity / Box : 10

Weight / Pc : 0.088 Kg

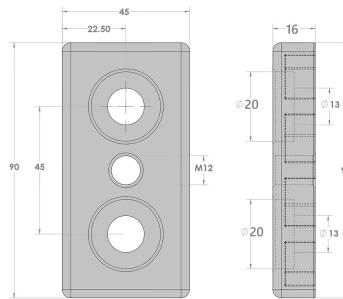
Weight / Box : 0.880 Kg



FEET WHEELS BASE PLATES

999 133 004

Base plate 45x90



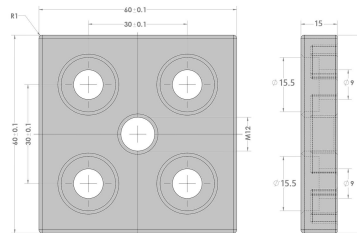
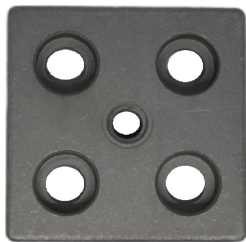
Quantity / Box : 10

Weight / Pc : 0.108 Kg

Weight / Box : 1.080 Kg

999 133 007

Base plate 60x60



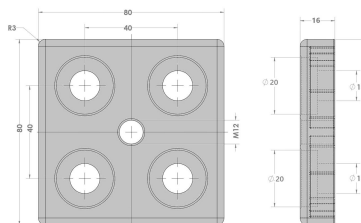
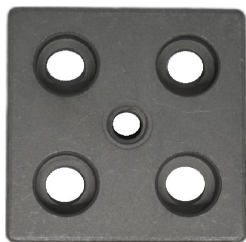
Quantity / Box : 10

Weight / Pc : 0.084 Kg

Weight / Box : 0.840 Kg

999 133 005

Base plate 80x80



Quantity / Box : 10

Weight / Pc : 0.194 Kg

Weight / Box : 1.940 Kg

FEET WHEELS BASE PLATES

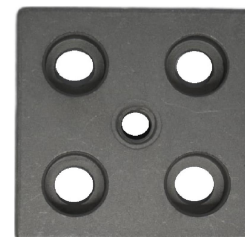
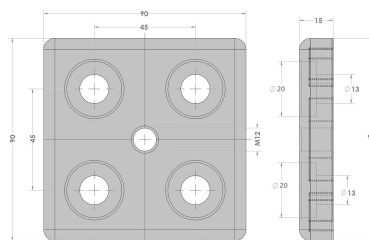
Base plate 90X90

999 133 006

Quantity / Box : 10

Weight / Pc : 0.228 Kg

Weight / Box : 2.28 Kg



DOOR AND PANEL ELEMENTS

999 134 ...

Aluminium Hinges



Material:

Wing : Aluminium anodizing

Bolt : stainless steel

Gap : 5mm

Application:

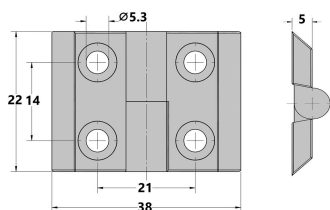
For door made of profiles or panels

Advantages:

Detachable, hidden screws, Appealing design, modular

999 134 001

Aluminium hinge 20x20



Quantity / Box : 10

Weight / Pc : 0.015 Kg

Weight / Box : 0.150 Kg

Max load : 150N

DOOR AND PANEL ELEMENTS

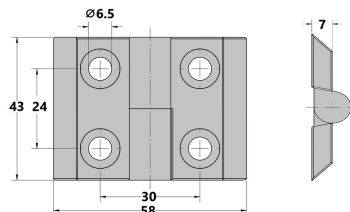
Aluminium hinge 30X30

999 134 002

Quantity / Box : 10

Weight / Pc : 0.020 Kg

Weight / Box : 0.200 Kg



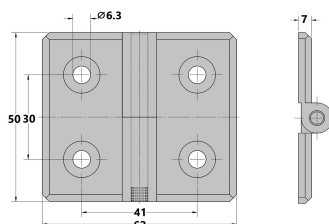
Aluminium hinge 40x40

999 134 003

Quantity / Box : 10

Weight / Pc : 0.025 Kgs

Weight / Box : 0.250 Kgs



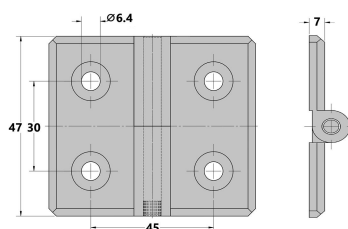
Aluminium hinge 45x45

999 134 004.

Quantity / Box : 10

Weight / Pc : 0.228 Kg

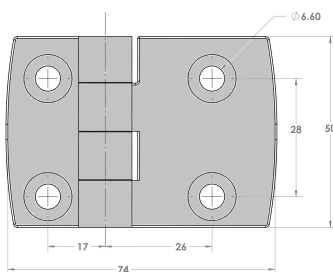
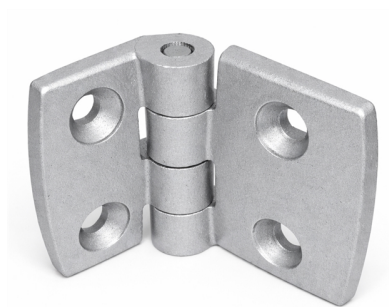
Weight / Box : 2.28 Kg



DOOR AND PANEL ELEMENTS

999 134 006

Aluminium Hinge 45x30



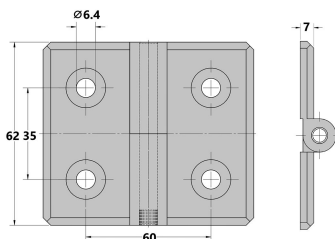
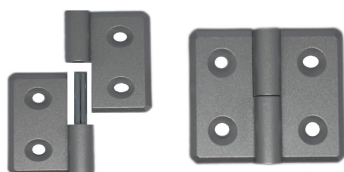
Quantity / Box : 10

Weight / Pc : 0.067 Kg

Weight / Box : 0.670 Kg

999 134 005

Aluminium hinge 60x60



Quantity / Box : 10

Weight / Pc : 0.036 Kg

Weight / Box : 0.36 Kg

DOOR AND PANEL ELEMENTS

Plastic Hinges

999 135 ...

Material:

Wing : Fibreglass reinforced PA Black

Bolt : Stainless steel

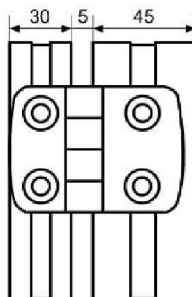
Gap : 5mm

Application:

For doors made of profiles or panels

Advantages:

Guiding Lug removal



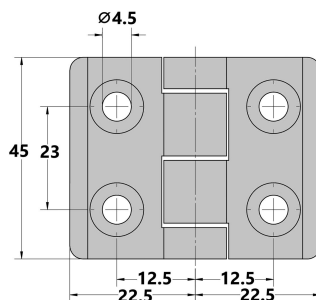
Plastic Hinges 20x20

999 135 001

Quantity / Box : 10

Weight / Pc : 0.0075 Kg

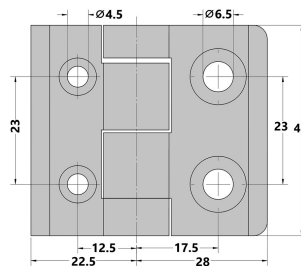
Weight / Box : 0.075Kg



DOOR AND PANEL ELEMENTS

999 135 007

Plastic Hinges 20x30



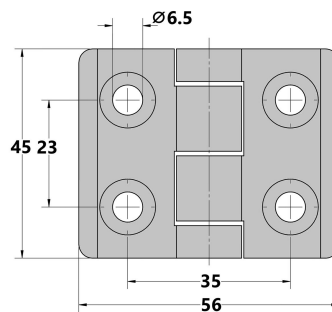
Quantity / Box : 10

Weight / Pc : 0.031 Kg

Weight / Box : 0.310 Kg

999 135 002

Plastic Hinges 30X30



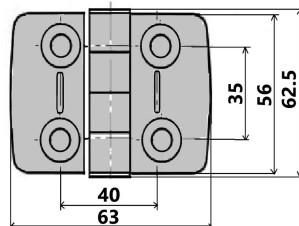
Quantity / Box : 10

Weight / Pc : 0.033 Kg

Weight / Box : 0.330 Kg

999 135 008

Plastic Hinges 40X30 C



Quantity / Box : 10

Weight / Pc : 0.047 Kg

Weight / Box : 0.470 Kg

DOOR AND PANEL ELEMENTS

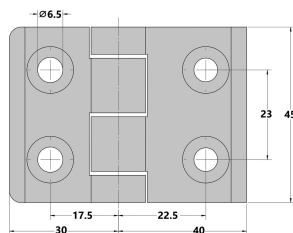
Plastic Hinges 40x30

999 135 005

Quantity / Box : 10

Weight / Pc : 0.039 Kg

Weight / Box : 0.390 Kg



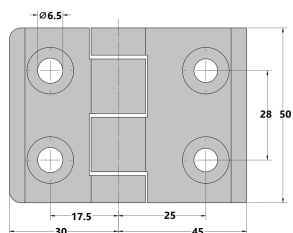
Plastic Hinges 45x30

999 135 006

Quantity / Box : 10

Weight / Pc : 0.041 Kg

Weight / Box : 0.410 Kg



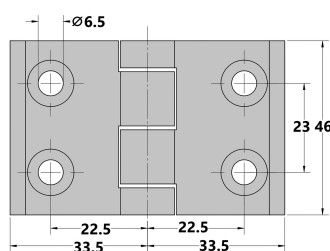
Plastic Hinges 40X40

999 135 003

Quantity / Box : 10

Weight / Pc : 0.038 Kg

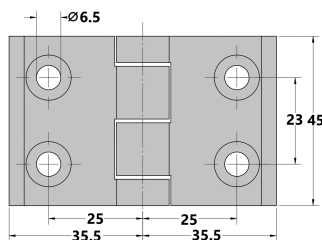
Weight / Box : 0.380 Kg



DOOR AND PANEL ELEMENTS

999 135 004

Plastic Hinges 45X45



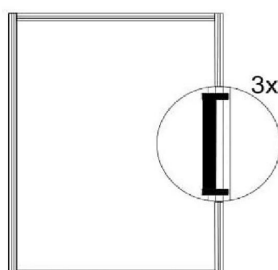
Quantity / Box : 10

Weight / Pc : 0.043 Kg

Weight / Box : 0.430 Kg

999 136 ...

Handles



Application:

Doors , flaps

Advantages:

Front side mounting

Material:

Fibre glass reinforced PA Black

151 DAP SYSTEM



DOOR AND PANEL ELEMENTS

Polyamide handle Black 120 Pitch

999 136 001

Quantity / Box : 10

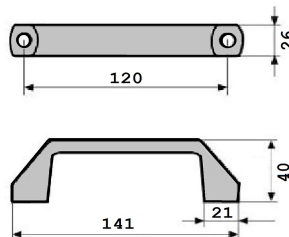
Weight / Pc : 0.040 Kg

Weight / Box : 0.400 Kg

Accessories not incl:

2 x screw M6X12 :999 154 002

2 X T Nut slot 10 M6 :999 150 008



Polyamide handle Gray 120 Pitch

999 136 002

Quantity / Box : 10

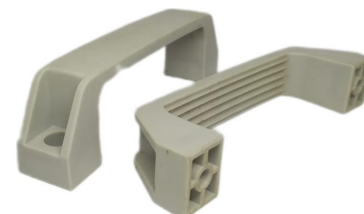
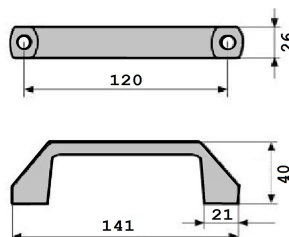
Weight / Pc : 0.040 Kg

Weight / Box : 0.400 Kg

Accessories not incl:

2 x screw M6X12 :999 154 002

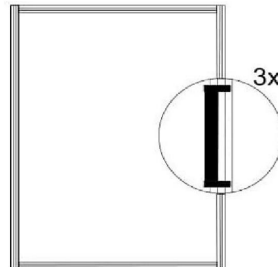
2 X T Nut slot 10 M6 :999 150 008



DOOR AND PANEL ELEMENTS

999 137 ...

Aluminium Handles



Application:

Doors, flaps

Advantages:

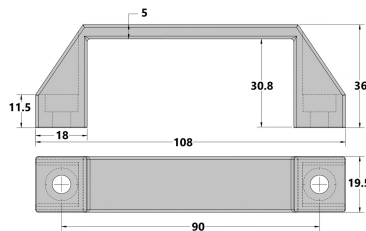
Front side mounting

Material:

Aluminium

999 137 001

Aluminium Handle 90 Pitch



Quantity / Box : 10

Weight / Pc : 0.060 Kg

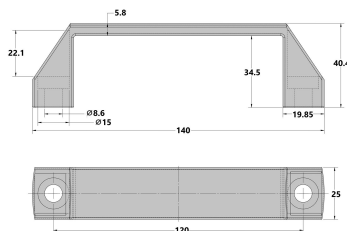
Weight / Box : 0.600 Kg

2 x screw M6X12 : **999 154 002**

2 X T Nut slot 10 M6 : **999 150 008**

999 137 002

Aluminium Handle 120 Pitch



Quantity / Box : 10

Weight / Pc : 0.090 Kg

Weight / Box : 0.900 Kg

2 x screw M8X16 : **999 154 003**

2 X T Nut slot 10 M8 : **999 150 009**

DOOR AND PANEL ELEMENTS

Aluminium Handle 180 Pitch

999 137 003

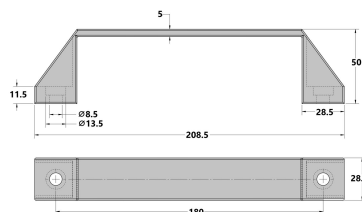
Quantity / Box : 10

Weight / Pc : 0.180 Kg

Weight / Box : 0.180 Kg

2 x screw M8X16 :999 154 003

2 X T Nut slot 10 M8 : 999 150 009



Design Handle Slot 8 & 10

999 138 001

Quantity / Box : 10

Weight / Pc : 0.420 Kg

2 x screw M6X12 :999 154 002

2 X T Nut slot 10 M6 :999 150 008

Material:

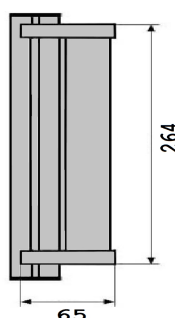
Aluminium, Plastic

Colour :

Aluminium/Black

Advantages:

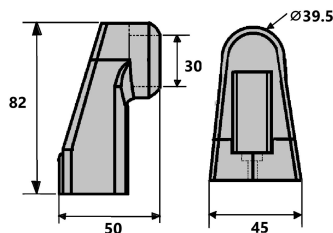
Aesthetic design, ergonomic operation of double doors



DOOR AND PANEL ELEMENTS

999 165 001

Handle End Polyamide



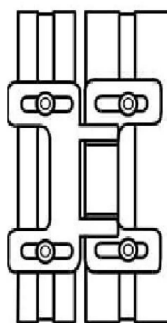
Quantity / Box : 10

Weight / Pc : 0.081 Kg

Weight / Box : 0.810 Kg

999 139 ...

Ball catch & Magnet catch



Material:

Fibre glass reinforced , PA Black

Application:

catches for doors and flaps

Advantages:

easy to use, inexpensive

DOOR AND PANEL ELEMENTS

Ball Catch Type 1 Slot 8 & 10

999 139 001

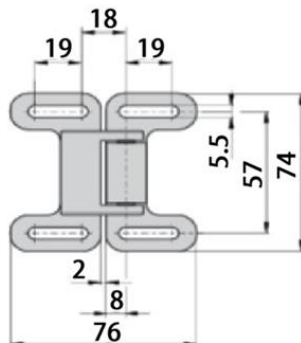
Quantity / Box : 10

Weight / Pc : 0.050 Kg

Weight / Box : 0.500 Kg

Compatible with: 6,8,10mm Slot,
20,30,40 and 45 mm profiles

Material: black conductive PA



Mounting Kit not incl:

For flaps, sliding and swing doors with
or without frames

Door & Window Accessories

Ball catch Type 2 Slot 8 & 10

999 139 002

Quantity / Box : 10

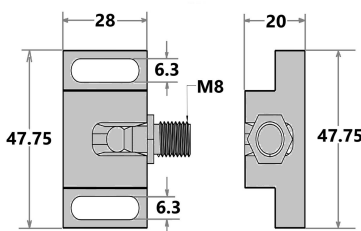
Weight / Pc : 0.025 Kg

Weight / Box : 0.250 Kg

Mounting Kit not incl:

2 x Screw M5X16 :999 154 006

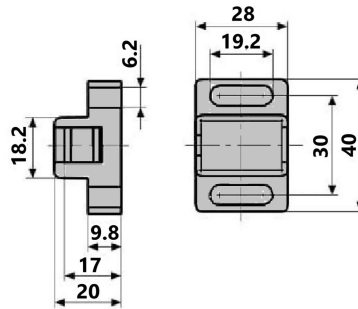
2 x T Nut M5 :999 150 007



DOOR AND PANEL ELEMENTS

999 140 001

Magnet catch Slot 8



Quantity / Box : 10

Weight / Pc : 0.036 Kg

Weight / Box : 0.360 Kg

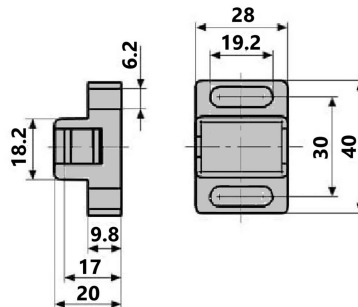
Adjustable to the thickness of the panels

Counter plate:

Pan head screw DIN 921-M5X6

999 140 002

Magnet catch Slot 10



Quantity / Box : 10

Weight / Pc : 0.036 Kg

Weight / Box : 0.360 Kg

Adjustable to the thickness of the panels

Counter plate:

Pan head screw DIN 921-M5X6

DOOR AND PANEL ELEMENTS

Slam Latch

999 141 001

Material:

Die cast aluminium

Powder coated black

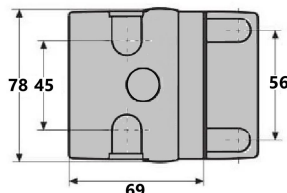
Application:

To securely lock doors and flaps

To open just pull the latch

Advantages:

Very Robust and modern design front mounting, no drilling

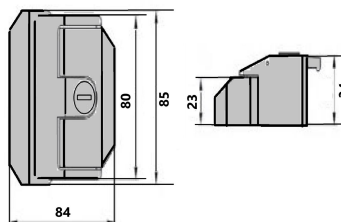


Slam Latch Gen 2 Black

999 141 001.

Quantity / Box : 10

Weight / Pc : 0.236 Kg



DOOR AND PANEL ELEMENTS

999 141 002

Slam Latch Gen 2 Gray



Quantity / Box : 10

Weight / Pc : 0.536 Kg

Accessories not inclu

999 142 ...

Slider



Material:

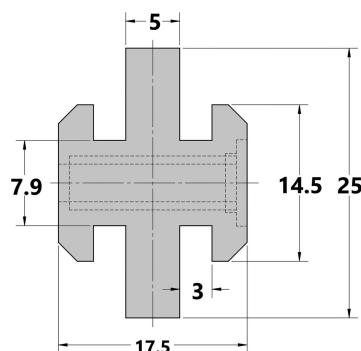
POM White

Application:

Sliding door

999 142 001

Slider Slot 8



Quantity / Box : 10

Weight / Pc : 0.024 Kg

Weight / Box : 0.240 Kg

DOOR AND PANEL ELEMENTS

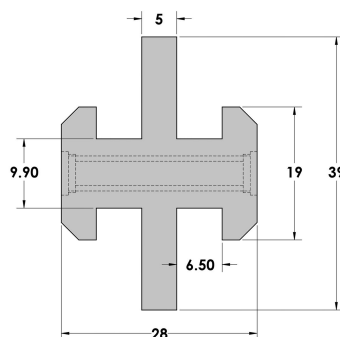
Slider Slot 10

999 142 002

Quantity / Box : 10

Weight / Pc : 0.047 Kg

Weight / Box : 0.470 Kg



Rollers

999 143 ...

Material:

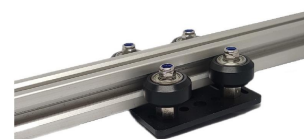
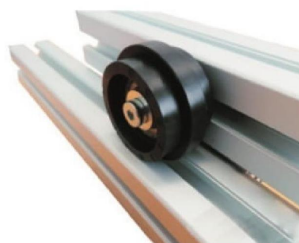
Nylon PA, Glass ball reinforced

Black ESD

Application:

For guidance in the profile slot 10mm

standing or hanging



DOOR AND PANEL ELEMENTS

Roller slot 10

999 143 002

Quantity / Box : 10

Weight / Pc : 0.155 Kg

Weight / Box : 1.55 Kg

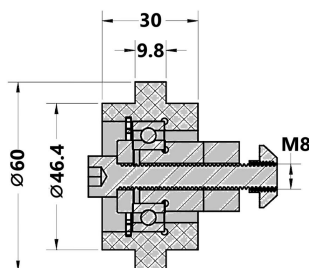
Max load : 300 Kgs

Accessories included:

Screw M8x50

Washer : 5mm Thickness

T Nut slot 10 M8 : 999 150 009



Cubic Roller Slot 10

999 143 003

Quantity / Box : 10

Weight / Pc : 0.196 Kg

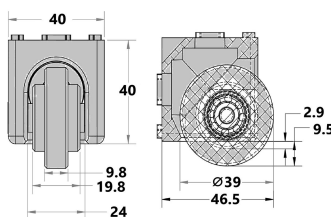
Weight / Box : 1.96 Kg

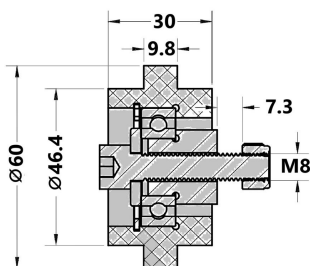
Max load : 200 kg

Accessories included:

Central Bolt : 999 112 003

Countersunk screw : M6x40



DOOR AND PANEL ELEMENTS**999 143 004****Sheet Roller slot 10**

Quantity / Box : 10

Weight / Pc : 0.157 Kg

Weight / Box : 1.57 Kg

Max load : 300 kg

included:

Allen Head screw : M8x50

Lock Nut : M8

DOOR AND PANEL ELEMENTS

Ball Transfer Unit

999 174 ...

Ball Transfer Unit Carbon Steel : 999 174 001

Weight / pc : 0.130 Kg

Weight / Box : 1.3 Kg

Diameter: Dia 25.4mm

Material : Carbon steel zinc plated

Application :For high-load or rugged industrial use

Load : capacity of around 30–50 kg per unit.

Ball Transfer Unit Carbon Steel + Nylon : 999 174 002

Weight / pc : 0.130 Kg

Weight / Box : 1.3 Kg

Diameter: Dia 25.4mm

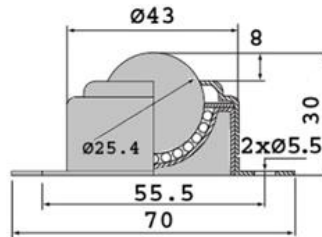
Surface : Zinc plated + White

Material : Carbon steel + Nylon

Application :For delicate or softer surfaces where metal might cause scratches.

Load : capacity of around 15-30 kg per unit.

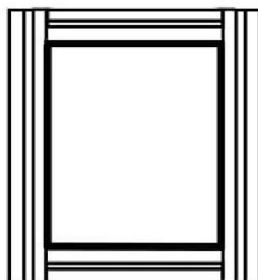
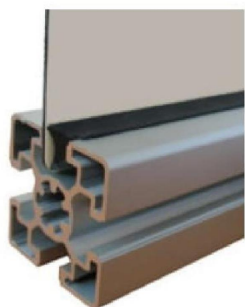
APPLICATION: main application is to enable smooth, multi-directional movement of heavy or bulky items across flat surfaces.



DOOR AND PANEL ELEMENTS

999 144 ...

Panel Profile



Application:

To insert panels

999 144 003

Panel profile slot 6



Material:

PP

Quantity / Box : 100

Weight / Pc : 0.070 Kg

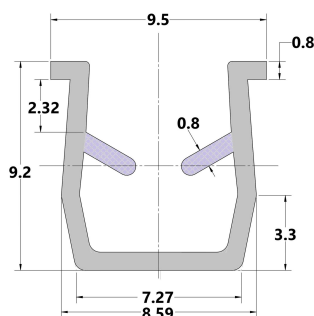
Weight / Box : 7 Kg

Length : 2M/ pc

Panel Thickness 2-5mm:

999 144 002

Panel profile slot 8



Material:

PP

Quantity / Box : 100

Weight / Pc : 0.090 Kg

Weight / Box : 9 Kg

Length : 2M/ pc

Panel Thickness 2-5mm:

DOOR AND PANEL ELEMENTS

Panel profile slot 10

999 144 001

Material:

PP

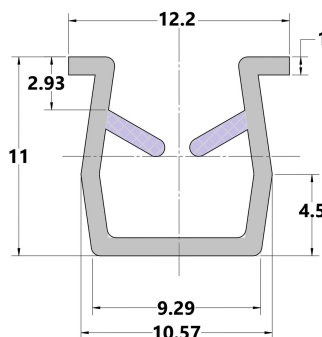
Quantity / Box : 100

Weight / Pc : 0.130 Kg

Weight / Box : 13 Kg

Length : 2M/ pc

Panel Thickness 2-5mm:



Rubber profile A/B

999 145 ..

Material:

Gummi/ Rubber

A : 999 145 001

B : 999 154 002

Weight / Mtr (A/B) : 113 / 67 Kg

Weight / Roll (A/B) : 17 / 10 Kg

Delivery Unit : 150m

Panel Thickness : 2-5mm

Advantages:

Easy subsequent mounting

for panel thickness:

Typ Type		
A	2 - 3	
B	4 - 5	2 - 3

A : 001

B : 002



DOOR AND PANEL ELEMENTS

999 145 002

Rubber profile C/D

C : 003

D : 004



for panel thickness:

Typ Type	10	8
C	6	4
D	7	5

Material:

Gummi/ Rubber

A : 999 145 003

B : 999 154 004

Weight / Mtr (A/B) : 23/ 30g Kg

Weight / Roll (A/B) : 3 / 5 Kg

Delivery Unit : 150m / 300M

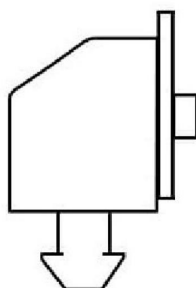
Panel Thickness : 2-5mm

Advantages:

Easy subsequent mounting

999 146 ...

Uniblocks



Nut : M6 Steel, zinc coated

Application:

To mount a panel onto the profile,
Position is adjustable, insert into the slot
and turn 90 Deg

Nut height is adjustable

DOOR AND PANEL ELEMENTS

Uniblock Black Type A Slot 8

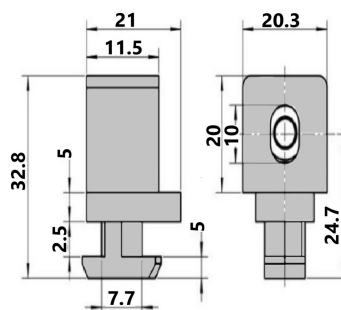
999 146 001

Quantity / Box : 100

Weight / Pc : 0.0011 Kg

Weight / Box : 1.1 Kg

Material : Nylon



Uniblock Black Type A Slot 10

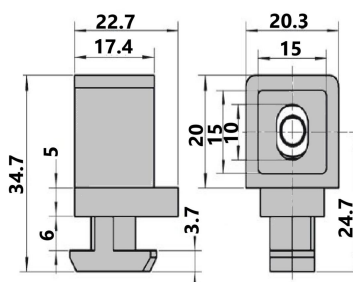
99 146 002

Quantity / Box : 100

Weight / Pc : 0.012 Kg

Weight / Box : 1.2 Kg

Material : Nylon



Uniblock Black Type B Slot 8

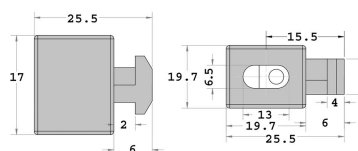
999 146 007

Quantity / Box : 100

Weight / Pc : 0.009 Kg

Weight / Box : 0.900 Kg

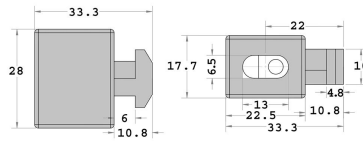
Material : PVC Black



DOOR AND PANEL ELEMENTS

999 146 008

Uniblock Black Type B Slot 10



Quantity / Box : 100

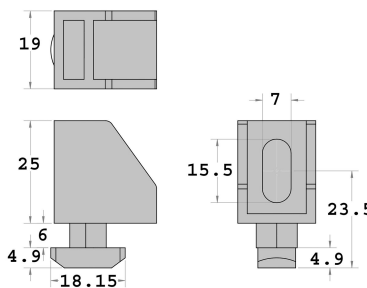
Weight / Pc : 0.015 Kg

Weight / Box : 1.5 Kg

Material : PVC Black

999 146 006

Uniblock Black Slot 10 Type C



Quantity / Box : 100

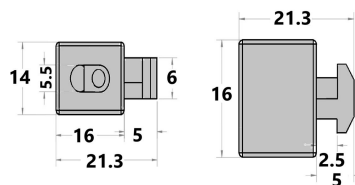
Weight / Pc : 0.010 kg

Weight / Pc : 0.100 kg

Material : Nylon

999 146 003

Uniblock Transparent Slot 6



Quantity / Box : 100

Weight / Pc : 0.004 Kg

Weight / Box : 0.400 Kg

Material : PVC Transparent

DOOR AND PANEL ELEMENTS

Uniblock Transparent Slot 10

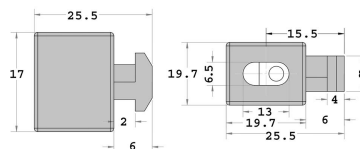
999 146 005

Quantity / Box : 100

Weight / Pc : 0.013 Kg

Weight / Box : 1.3 Kg

Material : PVC Transparent



Uniblock Transparent Slot 8

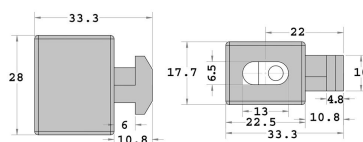
999 146 004

Quantity / Box : 10

Weight / Pc : 0.009 Kg

Weight / Box : 0.900 Kg

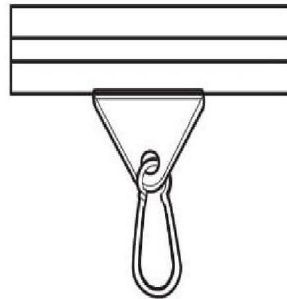
Material : PVC Transparent



WORK STATION EQUIPMENTS

999 147 ...

Tool Hanger

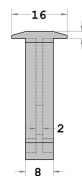
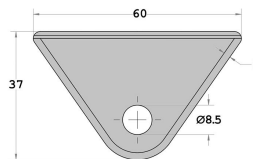


Application:

Sliding tool hanger for balancers with option to lock into fixed position

999 147 001

Tool Hanger .



Quantity / Box : 50

Weight / Pc : 0.007 Kg

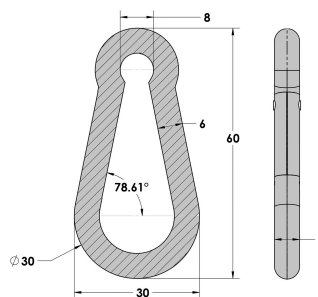
Weight / Box : 0.350 Kg

Material:

Poloxymethylene Black

999 147 002

Snap hook



Quantity / Box : 50

Weight / Pc : 0.023 Kg

Weight / Box : 1.15 Kg

Hook : Steel

Load : 70 Kg

Advantages : Inexpensive , easy to use

WORK STATION EQUIPMENTS

Ergonomic Work Tables

999 166 ...

Types:

1. Worktable sitting
2. Worktable standing

Our table frames with fixed working height are made from 40 profiles standard dimensions are shown here allow it be used as a sit to stand workstation.



WORK STATION EQUIPMENTS

999 166

Worktable sitting 25mm wood

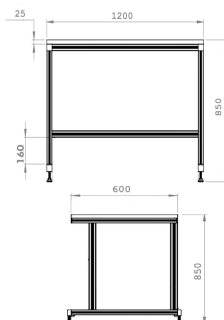


Table Dimension:

1200mm (L) x 600mm (W) x 850mm (H)

Max Load: 2000N

Plywood with Black colour Cover profile and Cover cap :**999 166 001**

Plywood with Blue colour Cover profile and Cover cap :**999 166 002**

Plywood with Gray colour Cover profile and Cover cap :**999 166 003**

Plywood with Red colour Cover profile and Cover cap :**999 166 004**

Plywood with Yellow colour Cover profile and Cover cap :**999 166 005**

Plywood with Orange colour Cover profile and Cover cap :**999 166 006**

Particle Board with Black colour Cover profile and Cover cap :**999 166 007**

Particle Board with Blue colour Cover profile and Cover cap :**999 166 008**

Particle Board with Gray colour Cover profile and Cover cap :**999 166 009**

Particle Board with Red colour Cover profile and Cover cap :**999 166 010**

Particle Board with Yellow colour Cover profile and Cover cap :**999 166 011**

Particle Board with Orange colour Cover profile and Cover cap :**999 166 012**

WORK STATION EQUIPMENTS

Worktable sitting 40mm wood

999 166 013 ...

Table Dimension:

1200mm (L) x 600mm (W) x 850mm (H)

Max Load : 4000N

Plywood, Black colour Cover profile and
Cover cap : **999 166 013**

Plywood, Blue colour Cover profile and
Cover cap : **999 166 014**

Plywood, Gray colour Cover profile and
Cover cap : **999 166 015**

Plywood, Red colour Cover profile and Cover
cap : **999 166 016**

Plywood, Yellow colour Cover profile and
Cover cap : **999 166 017**

Plywood, Orange colour Cover profile and
Cover cap : **999 166 018**

Particle, with Black colour Cover profile and
Cover cap : **999 166 019**

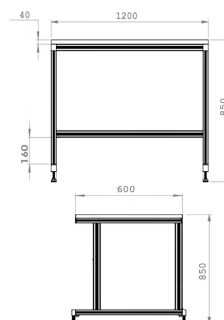
Particle, with Blue colour Cover profile and
Cover cap : **999 166 020**

Particle, with Gray colour Cover profile and
Cover cap : **999 166 021**

Particle Board, Red colour Cover profile and
Cover cap : **999 166 022**

Particle Board, Yellow colour Cover profile
and Cover cap : **999 166 023**

Particle Board, Orange colour Cover profile
and Cover cap : **999 166 024**



WORK STATION EQUIPMENTS

999 166 025 ...

Worktable Standing 25mm wood

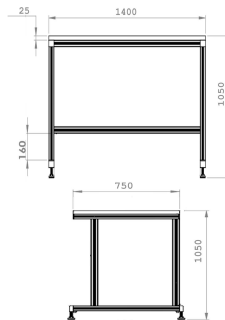


Table Dimension:

1400mm (L) x 750mm (W) x 1050mm (H)

Max Load : 2000N

Plywood, Black colour Cover profile and Cover cap :**999 166 025**

Plywood, Blue colour Cover profile and Cover cap :**999 166 026**

Plywood, Gray colour Cover profile and Cover cap :**999 166 027**

Plywood, Red colour Cover profile and Cover cap :**999 166 028**

Plywood, Yellow colour Cover profile and Cover cap :**999 166 029**

Plywood, Orange colour Cover profile and Cover cap :**999 166 030**

Particle, Board Black colour Cover profile and Cover cap :**999 166 031**

Particle, Board Blue colour Cover profile and Cover cap :**999 166 032**

Particle, Board Gray colour Cover profile and Cover cap :**999 166 033**

Particle, Board Red colour Cover profile and Cover cap :**999 166 034**

Particle, Board Yellow colour Cover profile and Cover cap :**999 166 035**

Particle Board, Orange colour Cover profile and Cover cap :**999 166 036**

WORK STATION EQUIPMENTS

Worktable Standing 40mm wood

999 166 037...

Table Dimension:

1400mm (L) x 750mm (W) x 1050mm (H)

Max Load : 4000N

Plywood, Black colour Cover profile and
Cover cap :**999 166 037**

Plywood, Blue colour Cover profile and
Cover cap :**999 166 038**

Plywood, Gray colour Cover profile and
Cover cap :**999 166 039**

Plywood, with Red colour Cover profile and
Cover cap :**999 166 040**

Plywood, Yellow colour Cover profile and
Cover cap :**999 166 041**

Plywood, Orange colour Cover profile and
Cover cap :**999 166 042**

Particle Board, Black colour Cover profile
and Cover cap :**999 166 043**

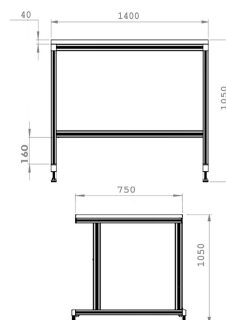
Particle Board, Blue colour Cover profile and
Cover cap :**999 166 044**

Particle Board, Gray colour Cover profile and
Cover cap :**999 166 045**

Particle Board, Red colour Cover profile and
Cover cap :**999 166 046**

Particle Board, Yellow colour Cover profile
and Cover cap :**999 166 047**

Particle Board, Orange colour Cover profile
and Cover cap :**999 166 048**



WORK STATION EQUIPMENTS

999 167 001...

Height Adjustable Work tables Sitting 25mm Wood

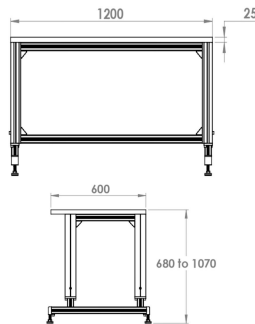


Table Dimension:

1200mm (L) x 600mm (W) x 680 to 1070 mm (H)

Max Load : 2000N

Plywood, Black colour Cover profile and Cover cap :**999 167 001**

Plywood Blue colour Cover profile and Cover cap :**999 167 002**

Plywood Gray colour Cover profile and Cover cap :**999 167 003**

Plywood Red colour Cover profile and Cover cap :**999 167 004**

Plywood Yellow colour Cover profile and Cover cap :**999 167 005**

Plywood Orange colour Cover profile and Cover cap :**999 167 006**

Particle Board, Black colour Cover profile and Cover cap :**999 167 007**

Particle Board, Blue colour Cover profile and Cover cap :**999 167 008**

Particle Board Gray colour Cover profile and Cover cap :**999 167 009**

Particle Board, Red colour Cover profile and Cover cap :**999 167 010**

Particle Board, Yellow colour Cover profile and Cover cap :**999 167 011**

Particle Board, Orange colour Cover profile and Cover cap :**999 167 012**

WORK STATION EQUIPMENTS

Height Adjustable Work tables Sitting 40mm Wood

999 167 013..

Table Dimension:

1200mm (L) x 600mm (W) x 680 to 1070 mm (H)

Max Load : 4000N

Plywood, Black colour Cover profile and Cover cap :**999 167 013**

Plywood, Blue colour Cover profile and Cover cap :**999 167 014**

Plywood, Gray colour Cover profile and Cover cap :**999 167 015**

Plywood, Red colour Cover profile and Cover cap :**999 167 016**

Plywood, Yellow colour Cover profile and Cover cap :**999 167 017**

Plywood, Orange colour Cover profile and Cover cap :**999 167 018**

Particle Board Black colour Cover profile and Cover cap :**999 167 019**

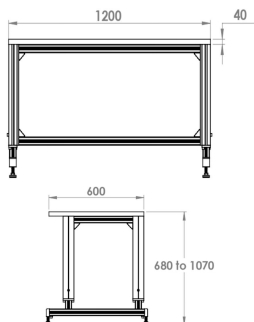
Particle Board Blue colour Cover profile and Cover cap :**999 167 020**

Particle Board Gray colour Cover profile and Cover cap :**999 167 021**

Particle Board Red colour Cover profile and Cover cap :**999 167 022**

Particle Board Yellow colour Cover profile and Cover cap :**999 167 023**

Particle Board Orange colour Cover profile and Cover cap :**999 167 024**



WORK STATION EQUIPMENTS

999 167 025...

Height Adjustable Work tables Standing 25mm Wood

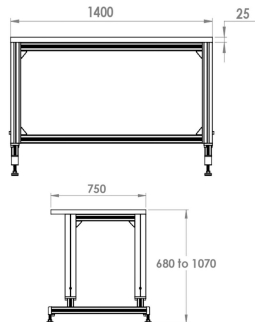


Table Dimension:

1400mm (L) x 750mm (W) x 680 to 1070 mm (H)

Max Load : 2000N

Plywood Black colour Cover profile and Cover cap :**999 167 025**

Plywood Blue colour Cover profile and Cover cap :**999 167 026**

Plywood Gray colour Cover profile and Cover cap :**999 167 027**

Plywood Red colour Cover profile and Cover cap :**999 167 028**

Plywood Yellow colour Cover profile and Cover cap :**999 167 029**

Plywood Orange colour Cover profile and Cover cap :**999 167 030**

Particle Board Black colour Cover profile and Cover cap :**999 167 031**

Particle Board Blue colour Cover profile and Cover cap :**999 167 032**

Particle Board Gray colour Cover profile and Cover cap :**999 167 033**

Particle Board with Red colour Cover profile and Cover cap :**999 167 034**

Particle Board Yellow colour Cover profile and Cover cap :**999 167 035**

Particle Board Orange colour Cover profile and Cover cap :**999 167 036**

WORK STATION EQUIPMENTS

Height Adjustable Work tables Standing 40mm Wood

999 167 037

Table Dimension:

1400mm (L) x 750mm (W) x 680 to 1070 mm (H)

Max Load : 4000N

Plywood, Black colour Cover profile and Cover cap :**999 167 037**

Plywood, Blue colour Cover profile and Cover cap :**999 167 038**

Plywood, Gray colour Cover profile and Cover cap :**999 167 039**

Plywood, with Red colour Cover profile and Cover cap :**999 167 040**

Plywood, Yellow colour Cover profile and Cover cap :**999 167 041**

Plywood, Orange colour Cover profile and Cover cap :**999 167 042**

Particle, Board Black colour Cover profile and Cover cap :**999 167 043**

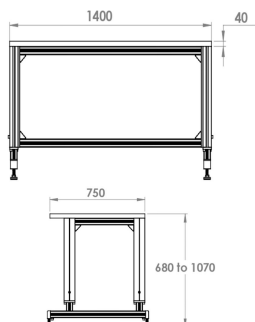
Particle, Board Blue colour Cover profile and Cover cap :**999 167 044**

Particle, Board Gray colour Cover profile and Cover cap :**999 167 045**

Particle, Board Red colour Cover profile and Cover cap :**999 167 046**

Particle, Board Yellow colour Cover profile and Cover cap :**999 167 047**

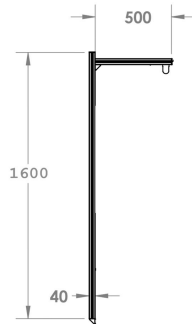
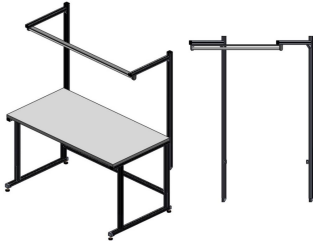
Particle, Board Orange colour Cover profile and Cover cap :**999 167 048**



WORK STATION EQUIPMENTS

999 171 ...

Table Risers



Quantity/Box 1

Weight / Pc : 2.7 Kgs

Weight / Box : 2.7 Kgs

Application:

Riser are used for mounting additional parts above the table top. The height of the riser can be adjusted with the help of 40x40 Bracket.

Accessories not inc :

Tube Light

Table Dimension:

1600mm (H) x500mm (W)

Riser with Black colour Cover profile and Cover cap :**999 171 001**

Riser with Blue colour Cover profile and Cover cap ::**999 171 002**

Riser with Gray colour Cover profile and Cover cap ::**999 171 003**

Riser with Red colour Cover profile and Cover cap ::**999 171 004**

Riser with Yellow colour Cover profile and Cover cap ::**999 171 005**

Riser with Orange colour Cover profile and Cover cap ::**999 171 006**

FIXING AND INSTALLATION MATERIALS

T Bolt

999 148 ...

Material:

Steel , zinc plated

Application:

M8X20 : Bracket 40x40 , floor bracket

M8x25 : Bracket 45x45 , 40x80 , 90x90



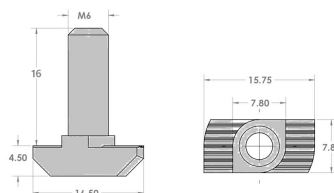
T Bolt M6x16 Zinc Plated

999 148 001

Quantity / Box : 100

Weight / Pc : 0.007 Kg

Weight / Box : 0.700 Kg



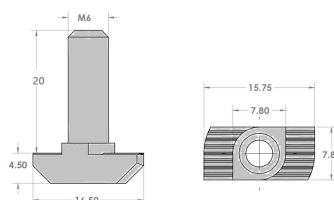
T Bolt M6x20 Zinc Plated

999 148 007

Quantity / Box : 100

Weight / Pc : 0.009 Kg

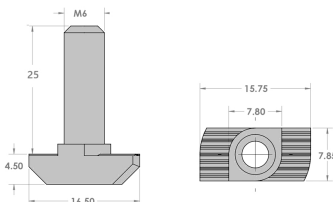
Weight / Box : 0.9 Kg



FIXING AND INSTALLATION MATERIALS

999 148 008

T Bolt M6x25 Zinc Plated



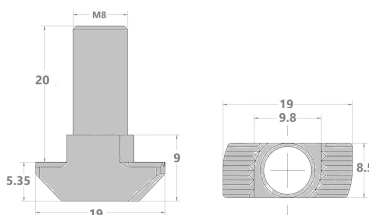
Quantity / Box : 100

Weight / Pc : 0.012 Kg

Weight / Box : 1.2 Kg

999 148 002

T Bolt M8x20 Zinc Plated



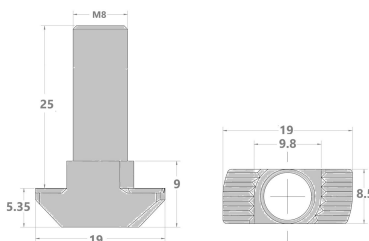
Quantity / Box : 100

Weight / Pc : 0.013 Kg

Weight / Box : 1.3 Kg

999 148 003

T Bolt M8x25 Zinc Plated



Quantity / Box : 100

Weight / Pc : 0.0142 Kg

Weight / Box : 1.42 Kg

183 DAP SYSTEM



FIXING AND INSTALLATION MATERIALS

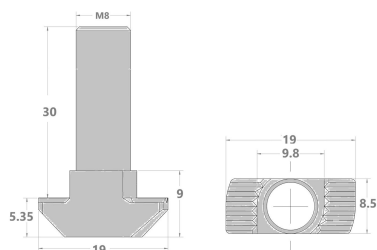
T Bolt M8x30 Zinc Plated

999 148 004

Quantity / Box : 100

Weight / Pc : 0.0163 Kg

Weight / Box : 1.63 Kg



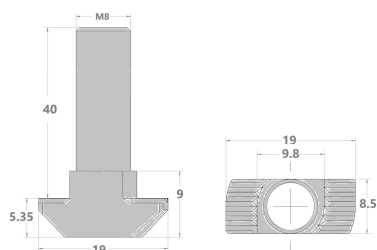
T Bolt M8x40 Zinc Plated

999 148 005

Quantity / Box : 100

Weight / Pc : 0.019 Kg

Weight / Box : 1.94 Kg



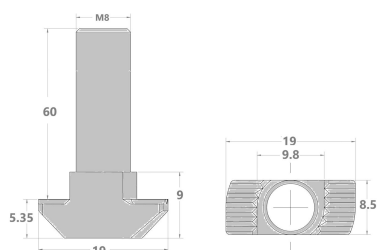
T Bolt M8x60 Zinc Plated

999 148 006

Quantity / Box : 100

Weight / Pc : 0.025 Kg

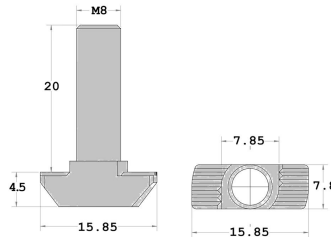
Weight / Box : 2.55 Kg



FIXING AND INSTALLATION MATERIALS

999 148 009

T Bolt M8x20 (Slot 8) Zinc Plated



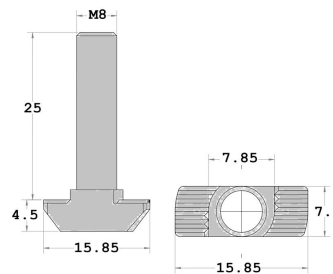
Quantity / Box : 100

Weight / Pc : 0.010 Kg

Weight / Box : 1 Kg

999 148 010

T Bolt M8x25 (Slot 8) Zinc Plated



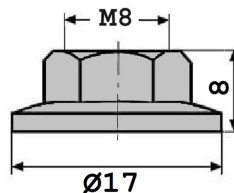
Quantity / Box : 100

Weight / Pc : 0.011 Kg

Weight / Box : 1.1 Kg

999 149 001

Flange Nut Dia 17mm



Quantity / Box : 1010

Weight / Pc : 0.0067 Kg

Weight / Box : 0.672 Kg

FIXING AND INSTALLATION MATERIALS

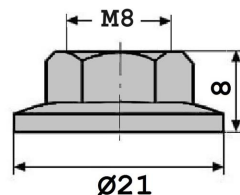
Flange Nut Dia 21mm

999 149 002

Quantity / Box : 100

Weight / Pc : 0.0010Kg

Weight / Box : 1.034 Kg



T NUT Hammer Nut

999 150 ...

Material:

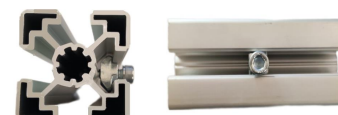
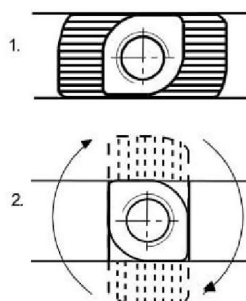
Steel, zinc plated

Application:

To fix components to profiles can be inserted into a closed frame.

Advantages:

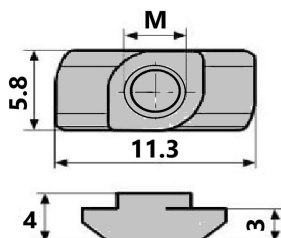
Safe and conductive connection



FIXING AND INSTALLATION MATERIALS

999 150 .

T NUT Hammer Nut Slot 6 Zinc Plated



Quantity / Box : 100

M3 : 999 150 010

M4 : 999 150 001

Weight / Pc : 1.28 grams

Weight / Box : 0.128 Kgs

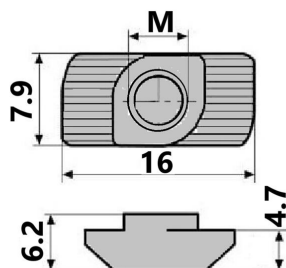
M5 : 999 150 001

Weight / Pc : 1.11 g

Weight / Box : 0.111 Kg

999 150..

T NUT Hammer Nut Slot 8 Zinc Plated



Quantity / Box : 100

M3 : 999 150 011

M4:999 150 003

Weight / Pc : 4.21 g

Weight / Box : 0.421 Kg

M5:999 150 004

Weight / Pc : 3.96 g

Weight / Box : 0.396 Kg

M6:999 150 005

Weight / Pc : 3.69 g

Weight / Box : 0.369 Kg

FIXING AND INSTALLATION MATERIALS

T NUT Hammer Nut Slot 10 Zinc Plated

999 150

Quantity / Box : 100

M4: 999 150 006

Weight / Pc : 8.27 g

Weight / Box : 0.827 Kg

M5: 999 150 007

Weight / Pc : 8.18 gms

Weight / Box : 0.818 Kgs

M6: 999 150 008

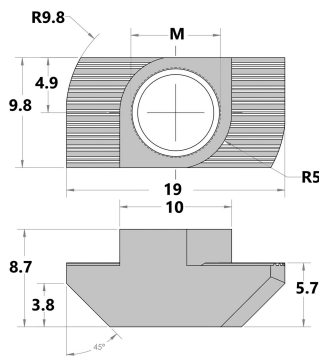
Weight / Pc : 7.77 gms

Weight / Box : 0.777 Kgs

M8: 999 150 009

Weight / Pc : 6.62 gms

Weight / Box : 0.662 Kgs



SS T NUT Hammer Nut Slot 6

999 173 .

Quantity / Box : 100

M4 : 999 173 001

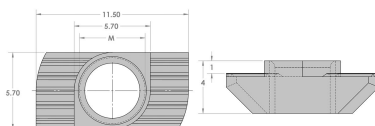
Weight / Pc : 1 g

Weight / Box : 0.1 Kg

M5 : 999 173 002

Weight / Pc : 0.9 grams

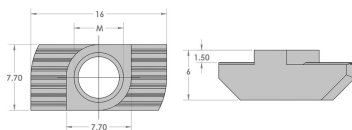
Weight / Box : 0.090 Kgs



FIXING AND INSTALLATION MATERIALS

999 173 ..

SS T NUT Hammer Nut Slot 8



Quantity / Box : 100

M4:999 173 003

Weight / Pc : 3.7 g

Weight / Box : 0.37 Kg

M5: 999 173 004

Weight / Pc : 3.6 gms

Weight / Box : 0.36 Kgs

M6: 999 173 005

Weight / Pc : 3.5 gms

Weight / Box : 0.35 Kgs

FIXING AND INSTALLATION MATERIALS

SS T NUT Hammer Nut Slot 10

999 173 ...

Quantity / Box : 100

M4: 999 173 006

Weight / Pc : 8.1 g

Weight / Box : 0.810 Kg

M5: 999 173 007

Weight / Pc : 7.8 gms

Weight / Box : 0.780 Kgs

M6: 999 173 008

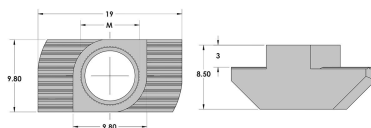
Weight / Pc : 7.2 g

Weight / Box : 0.720 Kg

M8: 999 173 009

Weight / Pc : 6.1 g

Weight / Box : 0.610 Kg



T Nut Slot 6 Nickel

999 176 .

Quantity / Box : 100

M4 : 999 176 001

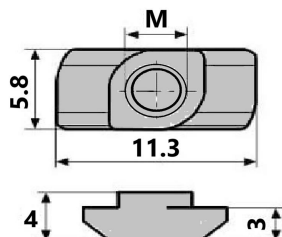
Weight / Pc : 1.28 g

Weight / Box : 0.128 Kg

M5 : 999 176 002

Weight / Pc : 1.11 g

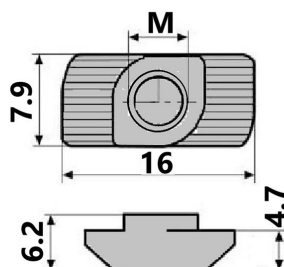
Weight / Box : 0.111 Kg



FIXING AND INSTALLATION MATERIALS

999 176 ..

T NUT Slot 8 Nickel



Quantity / Box : 100

M4:999 176 003

Weight / Pc : 4.21 g

Weight / Box : 0.421 Kg

M5:999 176 004

Weight / Pc : 3.96 g

Weight / Box : 0.396 Kg

M6:999 176 005

Weight / Pc : 3.69 g

Weight / Box : 0.369 Kg

FIXING AND INSTALLATION MATERIALS

T NUT Slot 10 Nickel

999 176 ...

Quantity / Box : 100

M4: 999 176 006

Weight / Pc : 8.27 g

Weight / Box : 0.827 Kg

M5: 999 176 007

Weight / Pc : 8.18 g

Weight / Box : 0.818 Kg

M6: 999 176 008

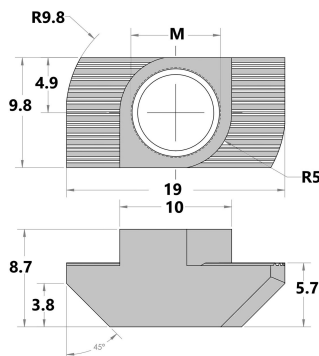
Weight / Pc : 7.77 g

Weight / Box : 0.777 Kg

M8: 999 176 009

Weight / Pc : 6.62 g

Weight / Box : 0.662 Kg



SQ Nut Slot 6 Zinc Plated

999 151 .

Quantity / Box : 100

M4 : 999 151 001

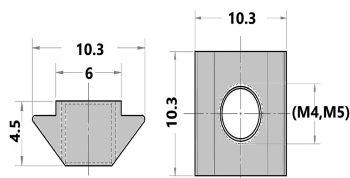
Weight / Pc : 2.2 g

Weight / Box : 0.220 Kg

M5 : 999 151 002

Weight / Pc : 2.4 g

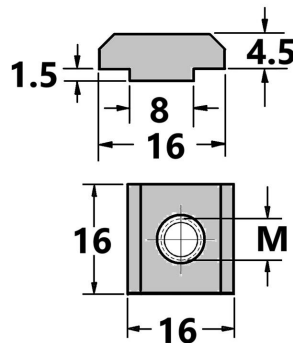
Weight / Box : 0.240 Kg



FIXING AND INSTALLATION MATERIALS

999 151 ..

SQ Nut Slot 8 Zinc Plated



Quantity / Box : 100

M4 : 999 151 003

Weight / Pc : 9.57 g

Weight / Box : 0.957 Kg

M5 : 999 151 004

Weight / Pc : 9..3 g

Weight / Box : 0.930 Kg

M6 : 999 151 005

Weight / Pc : 9.01 g

Weight / Box : 0.91 Kg

FIXING AND INSTALLATION MATERIALS

SQ Nut Slot 10 Zinc Plated

999 151 ...

Quantity / Box : 100

M4 : 999 151 006

Weight / Pc : 15.23 g

Weight / Box : 1.523 Kg

M5 : 999 151 007

Weight / Pc : 14.86 g

Weight / Box : 1.486 Kg

M6 : 999 151 008

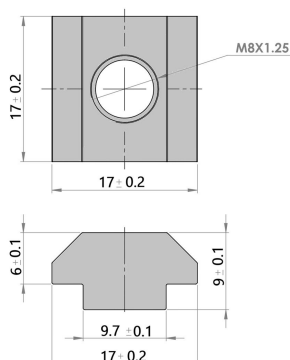
Weight / Pc : 14.45 g

Weight / Box : 1.445 Kg

M8 : 999 151 009

Weight / Pc : 13.27 g

Weight / Box : 1.327 Kg



SQ Nut Slot 6 Nickel

999 177 .

Quantity / Box : 100

M4 : 999 177 001

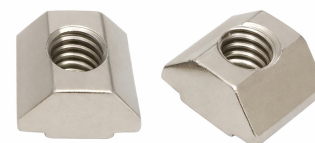
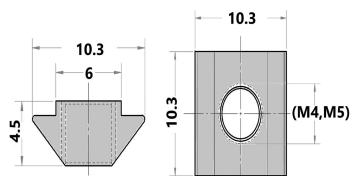
Weight / Pc : 2.2 g

Weight / Box : 0.220 Kg

M5 : 999 177 002

Weight / Pc : 2.4 g

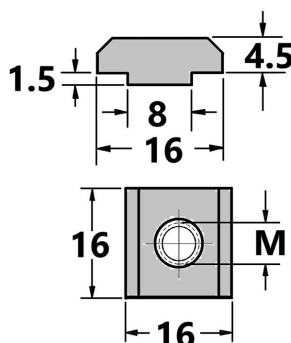
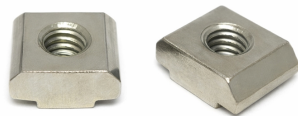
Weight / Box : 0.240 Kg



FIXING AND INSTALLATION MATERIALS

999 177 ..

SQ Nut Slot 8 Nickel



Quantity / Box : 100

M4 : 999 177 003

Weight / Pc : 9.57 g

Weight / Box : 0.957 Kg

M5 : 999 177 004

Weight / Pc : 9..3 g

Weight / Box : 0.930 Kg

M6 : 999 177 005

Weight / Pc : 9.01 g

Weight / Box : 0.91 Kg

FIXING AND INSTALLATION MATERIALS

SQ Nut slot 10 Nickel

999 177 ...

Quantity / Box : 100

M4 : 999 177 006

Weight / Pc : 15.23 g

Weight / Box : 1.523 Kg

M5 : 999 177 007

Weight / Pc : 14.86 g

Weight / Box : 1.486 Kg

M6 : 999 177 008

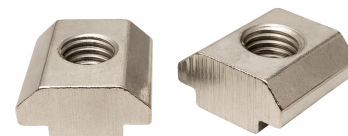
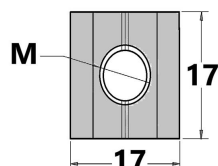
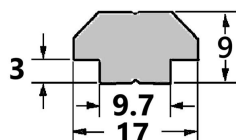
Weight / Pc : 14.45 g

Weight / Box : 1.445 Kg

M8 : 999 177 009

Weight / Pc : 13.27 g

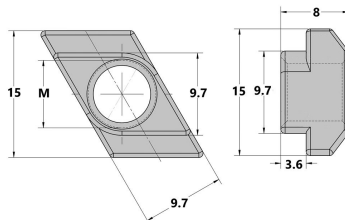
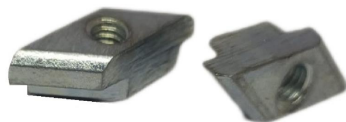
Weight / Box : 1.327 Kg



FIXING AND INSTALLATION MATERIALS

999 152 ...

Rhombus Nut Slot 10



Quantity / Box : 100

M4 : 999 152 001

M5 : 999 152 002

M6 : 999 152 003

Weight / Pc : 8 g

Weight / Box : 0.800 Kg

M8 : 999 152 004

Weight / Pc : 6 g

Weight / Box : 0.600 Kg

FIXING AND INSTALLATION MATERIALS

Rollin T Slot Nut Slot 8

999 153 ..

Quantity / Box : 100

M4 : 999 153 001

Weight / Pc : 4 g

Weight / Box : 0.400 Kg

M5 : 999 153 002

Weight / Pc : 5 g

Weight / Box : 0.500 Kg

M6 : 999 153 003

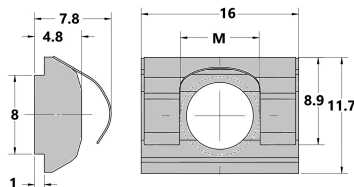
Weight / Pc : 5 g

Weight / Box : 0.500 Kg

M8 : 999 153 004

Weight / Pc : 4 g

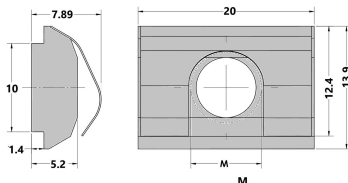
Weight / Box : 0.400 Kg



FIXING AND INSTALLATION MATERIALS

999 153 ...

Rollin T Slot Nut Slot 10



Quantity / Box : 100

M4 : 999 153 005

Weight / Pc : 9 g

Weight / Box : 0.9 Kg

M5 : 999 153 006

Weight / Pc : 9 g

Weight / Box : 0.9 Kg

M6 : 999 153 007

Weight / Pc : 8 g

Weight / Box : 0.8 Kg

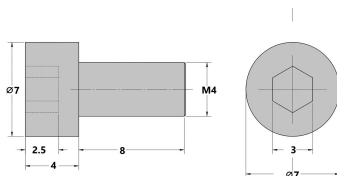
M8 : 999 153 008

Weight / Pc : 8 g

Weight / Box : 0.8 Kg

999 154 001

Allen head screw M4x8



Quantity / Box : 500

Weight / Pc : 1 g

Weight / Box : 0.5 Kg

FIXING AND INSTALLATION MATERIALS

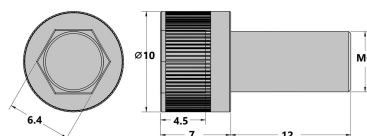
Allen head screw M6x12

999 154 002

Quantity / Box : 500

Weight / Pc : 4 g

Weight / Box : 2 Kg



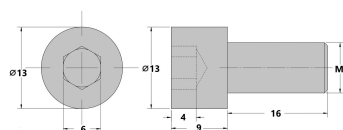
Allen head screw M8x16

999 154 003

Quantity / Box : 500

Weight / Pc : 10 g

Weight / Box : 5 Kg



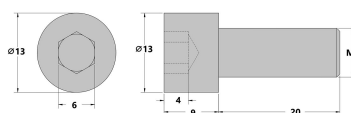
Allen head screw M8x20

999 154 004

Quantity / Box : 500

Weight / Pc : 11 g

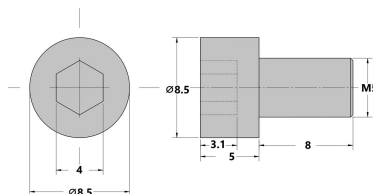
Weight / Box : 11 Kg



FIXING AND INSTALLATION MATERIALS

999 154 005

Allen head screw M5x8



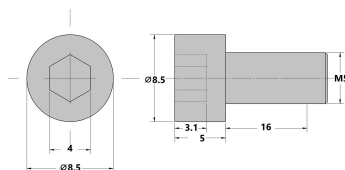
Quantity / Box : 500

Weight / Pc : 2 g

Weight / Box : 1 Kg

999 154 006

Allen head screw M5x16



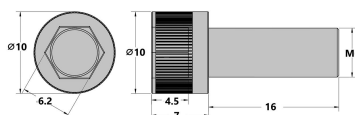
Quantity / Box : 500

Weight / Pc : 4 g

Weight / Box : 2 Kg

999 154 007

Allen head screw M6x16



Quantity / Box : 500

Weight / Pc : 5 g

Weight / Box : 2.5 Kg

FIXING AND INSTALLATION MATERIALS

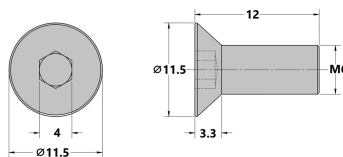
Counter Sunk screw M6X12

999 155 001

Quantity / Box : 200

Weight / Pc : 3.4 g

Weight / Box : 0.68 Kg



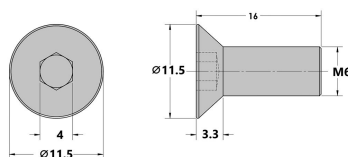
Counter Sunk screw M6X16

999 155 002

Quantity / Box : 500

Weight / Pc : 4.1 g

Weight / Box : 0.82 Kg



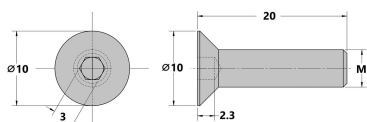
Counter Sunk screw M5X20

999 155 003

Quantity / Box : 200

Weight / Pc : 3.5 g

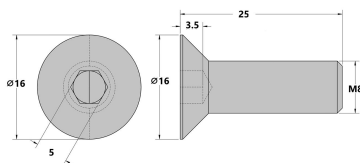
Weight / Box : 0.70 Kg



FIXING AND INSTALLATION MATERIALS

999 155 004

Counter Sunk screw M8X25



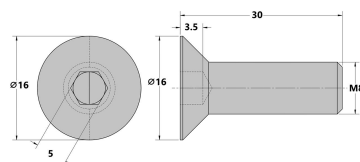
Quantity / Box : 200

Weight / Pc : 11.7 g

Weight / Box : 2.34 Kg

999 155 005

Counter Sunk screw M8X30



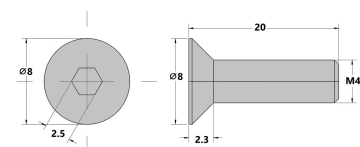
Quantity / Box : 200

Weight / Pc : 13.7 g

Weight / Box : 2.74 Kg

999 155 006

Counter Sunk screw M4x20



Quantity / Box : 200

Weight / Pc : 3 g

Weight / Box : 0.6 Kg

203 DAP SYSTEM



FIXING AND INSTALLATION MATERIALS

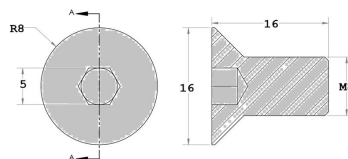
Counter Sunk screw M8X16

999 155 007

Quantity / Box : 200

Weight / Pc : 8 g

Weight / Box : 1.6 Kg



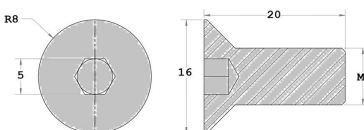
Counter Sunk screw M8X20

999 155 008

Quantity / Box : 200

Weight / Pc : 10 g

Weight / Box : 2 Kg



Reducer

999 162 ...

Reducers convert a M12 (M12x1.75)
Threaded hole to a M8 (M8x1.25)
Threaded Hole.

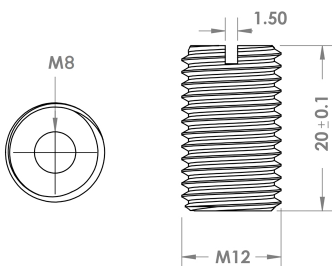
To assist installation and removal each
thread reducer has a slot on the top for
use with the flattened screw driver.



FIXING AND INSTALLATION MATERIALS

999 162 001

Reducer M12 TO M8



Quantity / Box : 100

Weight / Pc : 0.012 g

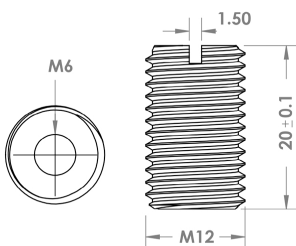
Weight / Box : 1.2 Kg

Material:

Steel, zinc plated

999 162 002

Reducer M12 TO M6



Quantity / Box : 100

Weight / Pc : 0.009 kg

Weight / Box : 0.900 Kg

Reducer M7 TO M4:

999 162 003

FIXING AND INSTALLATION MATERIALS

Cable Binder

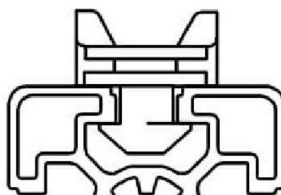
999 156 ...

Material :

Fibreglass reinforced PA, Black

Application:

To fix cables and pneumatic hoses on to profiles, position is adjustable, just insert into the slot and turn 90 deg.



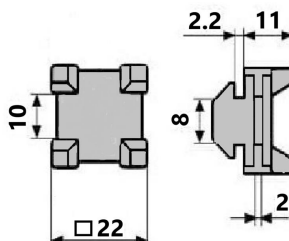
Cable Binder Slot 8

999 156 001

Quantity / Box : 100

Weight / Pc : 0.004 Kg

Weight / Box : 0.400 Kg



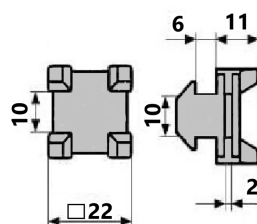
Cable Binder Slot 10

999 156 002

Quantity / Box : 50

Weight / Pc : 0.0045 Kg

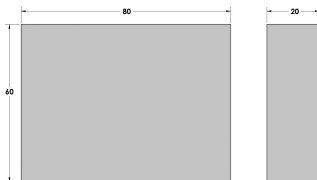
Weight / Box : 0.450 Kg



TOOLS AND PROFILE CUTTING MACHINE

999 157 001

Grinder stone



Quantity / Box : 5

Weight / Pc : 0.019 Kg

Weight / Box : 95 Kg

Application:

Removal of minor scratches and cleaning on aluminium profiles

999 158 ...

Forming tools



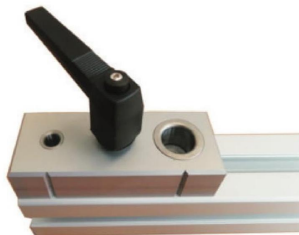
Qty/ Box : 1

M8 : 999 158 001

M12 : 999 158 002

999 159 001

Drilling Device Slot 8



Qty / Box : 1

Weight/Pc : 260 g

Application:

For centered bore at correct distance

TOOLS AND PROFILE CUTTING MACHINE

Drilling Device Slot 10

999 159 002

Qty / Box : 1

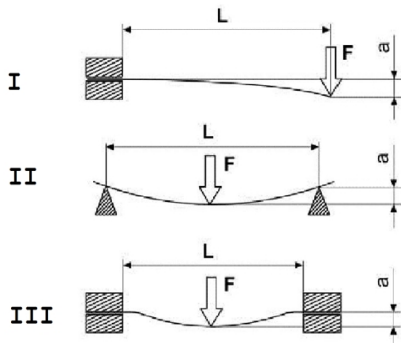
Weight/Pc : 300 g

Application:

For centered bore at correct distance



PROFILE DEFLECTION



The diagram shown to the side provides a general indication of the bending of an aluminium profile. The sizing of the finished structure will be calculated on a case-by-case basis, and is the customer's responsibility.

$$a_I = \frac{F \times L^3}{3 E \times I \times 10^4}$$

Profile deflection a from force F force static stress cases I, II, III.

$$a_{II} = \frac{F \times L^3}{48 E \times I \times 10^4}$$

$$a_{III} = \frac{F \times L^3}{192 E \times I \times 10^4}$$

$$a_I = \frac{g \times m_L \times L^4}{8 E \times I \times 10^4}$$

Profile deflection a from the profiles's own weight.

$$a_{II} = \frac{5 \times g \times m_L \times L^4}{384 E \times I \times 10^4}$$

$$a_{III} = \frac{g \times m_L \times L^4}{384 E \times I \times 10^4}$$

Legend:

E = 70,000 N/mm (Modulus of Elasticity) , **F** = Load (N)

L = Unsuspended Length (mm)

a = Deflection of profile (mm)

W = Section Modulus (cm³)

m_L = Mass of Profile (Kg/mm)

I = Moment of inertia (cm⁴)

5 Mistakes to avoid while using aluminium profiles

You can make several mistakes with aluminium profiles, which leads to a weak and unstable assembly. Below you will find 5 most common mistakes you should avoid in order to achieve the optimally stiff and light assembly.

1.) Incorrect positioning of aluminium profiles

When connecting vertically positioned aluminium profiles with horizontally positioned aluminium profiles, the horizontal ones should always be fastened to the vertical one like in the picture below. Connecting two horizontal profiles on top of a vertical one will result in a weak profile assembly.



2.) Unsupported Joint

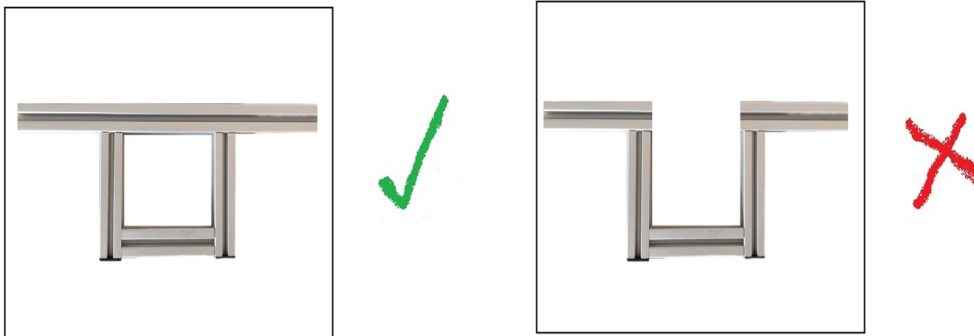
When two horizontal aluminium profiles are butt-fastened together, you should always support the joint.



3.) Incorrect "breaking" of profile lines

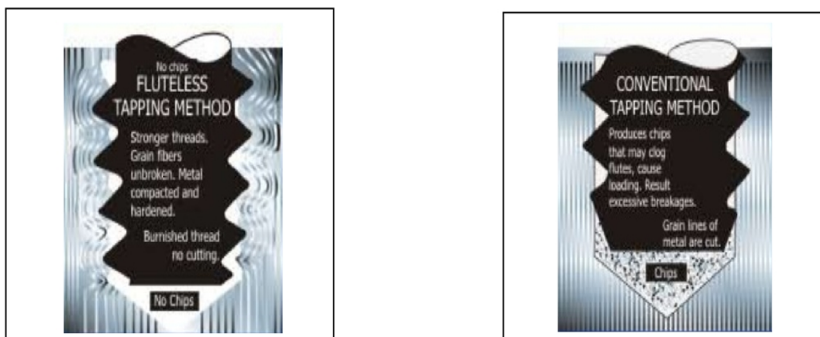
If you have longer line in the assembly, you must always use an uninterrupted aluminium profiles. Shorter profiles should be fastened to a longer profile. Otherwise, it will result in an unstable profile assembly.

An example is shown in the Picture bellow.



4.) Cutting threads into profiles

In order to ensure maximum load ratings, the threads of the aluminium profiles should be rolled as opposed to cut. Rolling will result in a 30 percent stronger thread and consequently a stronger joint.



5.) Incorrect choice of bolt connectors

For connecting aluminium assembly profiles, a wide variety of bolt connectors is available, which differs in the properties in terms of carrying capacity, ease of use, assembly times... The most popular is the use of brackets and corresponding nuts and screws, which is not always the most optimal choice.

When choosing the most optimal connector the table below may help you.

	Quick Connector 	Bracket 	Inner Bracket 	Bolt Connector 	Connection Screw 
Flexibility of Usage	5	5	2	2	3
Adjustability	5	5	3	1	1
Frame Stiffness	4	4	2	5	5
Vibration Resistance	4	2	1	5	5
Space Requirement	5	2	5	4	5
Assembly Time	5	5	4	1	4
Cost Effectiveness	4	5	4	2	4
Aesthetic Finish	5	1	5	5	5



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