Aluminum Framing and Accessories

You name it, we'll frame it!
A premier provider of Aluminum Structural Framing Systems.

Automation Technology provides design, engineering, fabrication and installation capability. Utilizing our industry experience, modular design approach and the highest quality products we implement solutions. We provide our customers with complete solutions, from concept to implementation.

Why Aluminum Framing?

Automation Technology’s Aluminum Framing

- More economical
- More versatile
- Modular
- Adaptable
- Reconfigurable
- Short build cycle
- Significant labor reduction
- Non-corrosive anodized surfaces

Automation Technology designs and builds aluminum framing systems utilizing a t-slot system. It is not complicated – no welding, no grinding and no painting. The structure is assembled utilizing a few simple hand tools. The modular design and the wide array of accessories allows for simple modification and expansion of the structure.
Company Capabilities

Automation Technology’s aluminum framing allows you to build just about anything you can imagine. Some examples are:

- Work Tables
- Machine Bases
- Machine Guarding
- Machine Perimeters
- Industrial Guarding
- Custom Structures
- Tool Racks
- Robot Stands
- Work Stations
- Tradeshow Booths
- Production Systems
- Display Units
- Carts
- Mezzanines

You can build structures to your exact specifications – precisely the way you need them. Your end product will support the loads you require. This means you never over-build-or under-build. And all of Automation Technology’s aluminum framing products are engineered to work together – complete compatibility throughout the system. That means they are an exact fit. All of your components will align accurately, and are quick and easy to assemble.

Updates

We are always adding to our product line and improving our capabilities. For the latest updates on new and improved products and offerings, please visit our website at AutomationTechnologyInc.com.
You name it, we’ll frame it.

We provide the following services:
Automation Technology is a full service provider. Our team has the design, engineering and fabrication experience to support all of your needs.

- Kits
- Bulk Material
- Complete Assemblies
- Full-Service Engineering capability
- Fabrication
- Custom End Machining Options
- Custom Extrusions

With Automation Technology, your satisfaction is always guaranteed.
The demands of today’s business require flexible, reliable service. Service is our primary strength. At Automation Technology our commitment to customer support is the best in the industry. We provide:

- On-time delivery of the highest quality products and solutions in the industry.
- Unparalleled service and ongoing technical support.
- Our personal guarantee that you will have what you need, when you need it and how you need it.

For more information about aluminum framing, our system design capabilities and all of the products we support, contact one of our technical sales engineers at 800.672.7575 or you can shop online at AutomationTechnologyInc.com
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Automation Technology is a custom aluminum framing fabricator and a leader in custom system development. We have the design, engineering, and fabrication experience to support ALL of your structural needs.
End Machining Options

Automation Technology provides our customers with a variety of end machining options for all of our profiles. We can provide options such as:

- drilled through-holes for use with bolt connectors, end to end connectors or threaded sleeves
- center bores tapped for a specific thread (ex: leveling foot, connection screw, junction connector, heavy-duty caster etc.
- access holes for connection screws
- drilled holes for a pneumatic port or other accessory

The following charts show popular end machining options and common applications. For more information about end machining options and how to order, contact one of our technical sales engineers at 800.672.7575.

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<tr>
<th>For Machine End Finish</th>
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<td>M8 Leveling Foot Kit</td>
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<td>Drilled: 11 mm through-hole</td>
<td>Bolt Connector Kit</td>
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8mm T-slots for use with 30 series
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10mm T-slots for use with 40/45/60/90 series
# Aluminum Extrusion Specification Table

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<th>ATB83060</th>
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<th>ATB10454L</th>
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20 Series Extrusion

20 x 20 (6mm t-slot)
Part # ATB62020 (Full stick)
Length 3000mm
Weight 0.44 kg/m

Part # B20x20/mm (Cut part number)
Please contact a technical sales engineer for custom machining options

20 Series Accessories

20 x 20 Gusset Kit (Includes hardware) | Part # 093W203N06S01
Description: To connect two aluminum profiles at right angles
Material: Gusset: Die-cast aluminum, T-Nut and Bolt: Zinc plated steel
Assembly Set: Kit contains 1 x Gusset, 2 x T-Nut (M4), 2 x Socket Head Cap Screw (M4x8)

20 x 20 Gusset Cover Cap | Part # 093WA203
Description: Cover cap for 20 x 20 Gusset
Material: Nylon PA
Color: Black

M4 T-Nut (6mm slot) | Part # 096H06410
Description: To fasten components to profiles, breaks the anodized coat of the profile-thus ensuring a safe, electronically conductive connection
Material: Zinc plated steel

20 x 20 End Cap | Part # 091042
Description: To cover the end of the profile
Material: Nylon PA
Color: Black
30 Series Extrusion

**30 x 30** (8mm t-slot)

Part # ATB83030 (Full stick)
- Length: 6000mm
- Weight: 0.85 kg/m

Part # B30x30/mm (Cut part number)
*Please contact a technical sales engineer for custom machining options*

**30 x 60** (8mm t-slot)

Part # ATB83060 (Full stick)
- Length: 6000mm
- Weight: 1.49 kg/m

Part # B30x60/mm (Cut part number)
*Please contact a technical sales engineer for custom machining options*

30 Series Accessories

**30 x 30 Gusset Kit (Includes hardware) | Part # 093W303N08S01**

**Description:** To connect two aluminum profiles at right angles
**Material:** Gusset: Die-cast aluminum, T-Nut and Screw: Zinc plated steel
**Assembly Set:** Kit contains 1 x Gusset, 2 x T-Nut (M6), 2 x Socket Head Cap Screw (M6x14)

**30 x 30 Gusset Cover Cap | Part # 093WA303**

**Description:** Covercap for 30 x 30 Gusset
**Material:** Nylon PA
**Color:** Black
30 Series Accessories

30 x 60 Gusset Kit (Includes hardware) | Part # 093W302N08S01

**Description:** To connect two aluminum profiles at right angles  
**Material:** Gusset: Die-cast aluminum, T-Nut and Screw: Zinc plated steel  
**Assembly Set:** Kit contains 1 x Gusset, 4 x T-Nut (M6), 4 x Socket Head Cap Screw (M6x14)

30 x 60 Gusset Cover Cap | Part # 093WA302

**Description:** Cover cap for 30 x 60 Gusset  
**Material:** Nylon PA  
**Color:** Black

30 x 30 Pivot Joints

**Description:** To make a pivoting connection between two profiles or panels; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or fix it in one position  
**Material:** Die-cast aluminum

**Part #** 093G30AN08 (Without handle)  
**Part #** 093GF30AN08 (With handle)
30 Series Accessories

S8x25 Self-Tapping Connection Screw (Hex Head) | Part # 093S0825

**Material:** Zinc plated steel

30mm Bolt Connector Kit (8mm slot) | Part # 099C303

**Description:** To connect two aluminum profiles; a 11 mm through-hole must be drilled through the side of one profile

**Material:** Nylon PA glass, fiber reinforced, zinc plated steel

**Assembly Set:** Kit contains 2 x Button Head Cap Screw (M5 x 25), 2 x T-Nut (M5), 1 x Alignment Pin, 2 x Cover Cap, 1 x Alignment Bar

*Note: Custom end-machining options found on page 6*

T- Nuts (8mm slot)

**Description:** To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection

**Material:** Zinc plated steel

- **M4 T-Nut** | Part # 096H08415
- **M5 T-Nut** | Part # 096H08515
- **M6 T-Nut** | Part # 096H08615
## 30 Series Accessories

**T-Bolt Kits (8mm slot, Includes hardware)**

**Description:** To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection  
**Material:** Zinc plated steel  
**Assembly Set:** Kit contains 1 x T-Bolt, 1 x Flange Nut

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<tr>
<th>Type</th>
<th>Part #</th>
<th>Specifications</th>
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</table>
| M6 x 20 T-Bolt | 096HK0815M0620S08       | H: 6.0mm  
|              |                         | D: 14.0mm  
|              |                         | SW: 10.0mm  
|              |                         | L: 20        |
| M6 x 25 T-Bolt | 096HK0815M0625S08       | H: 6.0mm  
|              |                         | D: 14.0mm  
|              |                         | SW: 10.0mm  
|              |                         | L: 25        |
| M8 x 20 T-Bolt | 096HK0815M0820S08       | H: 8.0mm  
|              |                         | D: 21.0mm  
|              |                         | SW: 13.0mm  
|              |                         | L: 20        |
| M8 x 25 T-Bolt | 096HK0815M0825S08       | H: 8.0mm  
|              |                         | D: 21.0mm  
|              |                         | SW: 13.0mm  
|              |                         | L: 25        |
| M8 x 30 T-Bolt | 096HK0815M0830S08       | H: 8.0mm  
|              |                         | D: 21.0mm  
|              |                         | SW: 13.0mm  
|              |                         | L: 30        |

**30 x 30 End Cap | Part # 091252**

**Description:** To cover end of the profile  
**Material:** Nylon PA  
**Color:** Black

**30 x 60 End Cap | Part # 091141**

**Description:** To cover the end of the profile  
**Material:** Nylon PA  
**Color:** Black

**Panel Insert (8mm slot) | Part # 092242**

**Description:** To secure panels with a thickness of 4 – 6mm  
**Material:** Plastic PP + TPE  
**Length:** 2 m  
**Color:** Black
30 Series Accessories

Cover Strips (8mm slot)

**Description:** To cover 8mm profile t-slots  
**Material:** Plastic PP  
**Length:** 2 m

- **Cover Strip (Black)** | Part # 092050
- **Cover Strip (Blue)** | Part # 092050S04
- **Cover Strip (Red)** | Part # 092050S07
- **Cover Strip (Yellow)** | Part # 092054
- **Cover Strip (Aluminum colored lacquered)** | Part # 092050A

---

Heavy Duty Plastic Hinge Kit (8mm slot, Includes hardware) | Part # 095KS3030F08S02

**Description:** To hinge panels or aluminum profiles;  
Non-detachable  
**Material:** Wings: Nylon PA, glass filled reinforced  
**Color:** Black  
**FAmax:** 150 N  
**FRmax:** 280 N  
**Assembly Set:** Kit contains 1 x Hinge,  
2 x T-Nut (M6), 2 x Flat Head Cap Screw (M6x16)

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Aluminum Hinge Kit (8mm slot, Includes hardware) | Part # 095A3030FS08

**Description:** To hinge panels or aluminum profiles;  
Non-detachable  
**Material:** Wings: Die-cast-aluminum,  
Pin: Stainless steel  
**Surface:** Aluminum colored lacquered matte nickel-plated  
**Assembly Set:** Kit contains 1 x Hinge,  
4 x Flat Head Cap Screw (M6x16), 4 x T-Nut (M6)
**30 Series Accessories**

**Double Ball Catch Kit (8mm slot, Includes hardware) | Part # 09304701S08**

- **Description:** A quick locking device for doors and flaps with and without frame
- **Material:** Housing: Nylon PA, Ball: Stainless steel, Bushing, Screws and T-Nuts: Zinc plated steel
- **Locking Force:** 25N
- **Color:** Black
- **Assembly Set:** Kit contains 1 x Double Ball Catch, 4 x Socket Head Cap Screw (M5x16), 4 x Flat Washer (M5), 4 x T-Nut (M5)

**Bridge Handle Kits (8mm slot, Includes hardware)**

- **Description:** To mount on doors, flaps and aluminum profiles
- **Material:** Nylon PA, glass filled reinforced
- **Color:** Black
- **Small Handle | Part # 092001S08**
  - **Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x14), 2 x T-Nut (M6)
  - a: 142.0mm  A: 122.0mm
  - B: 26.0mm  H: 40.0mm

- **Large Handle | Part # 092002S08**
  - **Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x14), 2 x T-Nut (M6)
  - a: 170.0mm  A: 152.0mm
  - B: 28.0mm  H: 52.0mm

**Door Latch Kit (8mm slot, Includes hardware) | Part # 093082S08**

- **Description:** For easy closing of doors and flaps, with spring-loaded clamp; including separate slot fixation strips
- **Material:** Housing: Die-cast zinc, Pull handle: Nylon PA, black, Screw and T-Nut; Zinc plated steel
- **Assembly Set:** Kit contains 1 x Latch, 4 x Button Head Cap Screw (M6x14), 4 x T-Nut (M6)
M8 Leveling Foot Kit | Part # 098D030ZSGS08

**Description:** A swiveling leveling foot for strong positioning on uneven floors with anti-slip plate

**Material:** Foot: Die-cast Zinc; Stem and Jam Nut: Zinc Plated Steel

**Surface:** Black powder coated base

**Max. Load:** 350kg

**Assembly Set:** Kit contains 1 x Base, 1 x Stem, 1 x Jam Nut

*Note: Custom end-machining options found on page 6*
40 Series Extrusion

**40 x 40 L** (10mm t-slot)

**Part # ATB104040** (Full stick)
- Length: 6000mm
- Weight: 1.51 kg/m

**Part # B40x40/mm** (Cut part number)

Please contact a technical sales engineer for custom machining options.

40 Series Accessories

**Gusset Kit (Includes hardware) | Part # 093W404N10S01**

- **Description:** To connect two aluminum profiles at right angles
- **Material:** Gusset: Die-cast aluminum, Flange Nut and T-Bolt: Zinc plated steel
- **Surface:** Plain
- **Assembly Set:** Kit contains 1 x Gusset, 2 x T-Bolt (M8 x 20), 2 x Flange Nut (M8)

**Gusset Cover Cap | Part # 093WA404**

- **Description:** Cover cap for 40 x 40 Gusset
- **Material:** Nylon PA
- **Color:** Black

**M12x30 Connection Screw (Hex Head) | Part # 093M1230**

- **Material:** Zinc plated steel
- **Note:** Custom end-machining options found on page 7

**S12x30 Self-Tapping Connection Screw (Hex Head) | Part # 093S1230**

- **Material:** Zinc plated steel
40 Series Accessories

T-Nuts (10mm slot)

Description: To fasten components to profiles, brakes the anodized coat of the profile - thus ensuring a safe, electrically conductive connection

Material: Zinc plated steel

M4 T-Nut | Part # 096H10430
M5 T-Nut | Part # 096H10530
M6 T-Nut | Part # 096H10630
M8 T-Nut | Part # 096H10830
1/4-20 T-Nut | Part # 096H101/430
5/16-18 T-Nut | Part # 096H105/1630

T-Bolt Kits (10mm slot, Includes hardware)

Description: To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection

Material: Zinc plated steel

Assembly Set: Kit contains 1 x T-Bolt, 1 x Flange Nut

M8 x 20 T-Bolt Kit | Part # 096HK1030M0820S10
L: 20
M8 x 25 T-Bolt Kit | Part # 096HK1030M0825S10
L: 25
M8 x 30 T-Bolt Kit | Part # 096HK1030M0830S10
L: 30
M8 x 40 T-Bolt Kit | Part # 096HK1030M0840S10
L: 40

M8 T-Block (10mm slot) | Part # 096038

Description: Self-aligning T-block

Material: Zinc plated steel

Size: M8

End Cap | Part # 091046

Description: To cover the end of the profile

Material: Nylon PA

Color: Black
40 Series Accessories

Panel Insert (10mm slot) | Part # 092243

Description: To secure panels with a thickness of 2 - 6 mm  
Material: Plastic PP + TPE  
Length: 2.0m  
Color: Black

Cover Strips (10mm slot)

Description: To cover 10mm profile t-slots  
Material: Plastic PP

Cover Strip (Black) | Part # 092041
Cover Strip (Blue) | Part # 092044
Cover Strip (Red) | Part # 092041S04
Cover Strip (Yellow) | Part # 092041S06
Cover Strip (Aluminum colored lacquered) | Part # 092041A

Heavy Duty Plastic Hinge Kit (10mm slot, Includes hardware) | Part # 095KS4040F10S01

Description: To hinge panels or aluminum profiles;  
Non-detachable  
Material: Wings: Nylon PA glass filled reinforced  
Color: Black  
Fastening: From the front, using  
M6 countersunk screws  
F_Amax: 150N  
F_Rmax: 280N  
Assembly Set: Kit contains 1 x Hinge,  
2 x T-Nut (M6), 2 x Flat Head Cap  
Screw (M6x18)
40 Series Accessories

Aluminum Hinge Kit (10mm slot, Includes hardware) | Part # 095A4040FS10

**Description:** To hinge panels or aluminum profiles, Non-detachable
**Material:** Wings: Die-cast-aluminum, Pin: Stainless steel
**Surface:** Aluminum colored laquered matte nickel-plated
**Assembly Set:** Kit contains 1 x Hinge, 4 x Flat Head Cap Screw (M6x18), 4 x 10mm T-Nut (M6)

Double Ball Catch Kit (10mm slot, Includes hardware) | Part # 09304701S10

**Description:** A quick locking device for doors and flaps with and without frame
**Material:** Housing: Nylon PA, Ball: Stainless steel, Bushing, Screws and T-Nuts: Zinc plated steel
**Locking Force:** 25N
**Color:** Black
**Assembly Set:** Kit contains 1 x Double Ball Catch, 4 x Socket Head Cap Screw (M5x20), 4 x Flat Washer (M5), 4 x T-Nut (M5)
40 Series Accessories

**Bridge Handle Kits (10mm slot, Includes hardware)**

**Description:** To mount on doors, flaps and aluminum profiles

**Material:** Nylon PA, glass filled reinforced

**Color:** Black

**Small Handle | Part # 092001S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket
- Head Cap Screw (M6x16), 2 x T-Nut (M6)
- a: 142.0mm  A: 122.0mm
- B: 26.0mm  H: 40.0mm

**Large Handle | Part # 092002S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket
- Head Cap Screw (M6x16), 2 x T-Nut (M6)
- a: 170.0mm  A: 152.0mm
- B: 28.0mm  H: 52.0mm

**Door Latch Kit (10mm slot, Includes hardware) | Part # 093082S10**

**Description:** For easy closing of doors and flaps, with spring-loaded clamp; including separate slot fixation strips

**Material:** Housing: Die-cast zinc, Pull handle: Nylon PA, black Bolt: Screw and T-Nut; Zinc plated steel

**Assembly Set:** Kit contains 1 x Latch,
- 4 x Button Head Cap Screw (M6x16),
- 4 x T-Nut (M6)

**M12 Leveling Foot Kit (40 x 40) | Part # 098D040ZSGS10**

**Description:** A swiveling leveling foot for strong positioning on uneven floors with anti-slip plate

**Material:** Foot: Die-cast Zinc; Stem and Jam Nut: Zinc Plated Steel

**Surface:** Black powder coated base

**Max. Load:** 770kg

**Assembly Set:** Kit contains 1 x Base,
- 1 x Stem, 1 x Jam Nut

**Note:** Custom end-machining options found on page 7
**40 Series Accessories**

**Floor Bracket Kit (10mm slot, Includes hardware) | Part # 093B2001VS10**

**Description:** To securely fix aluminum profiles to the floor  
**Material:** Zinc plated steel  
**Assembly Set:** Kit contains 1 x Bracket, 3 x M8x20 T-Bolt Kit
45 Series Extrusion

**45 x 45 L (10mm t-slot)**

**Part # ATB104545L** (Full stick)

- Length: 6000mm
- Weight: 1.55 kg/m

**Part # B45x45L/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

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**45 x 45 H (10mm t-slot)**

**Part # ATB104545H** (Full stick)

- Length: 6000mm
- Weight: 2.03 kg/m

**Part # B45x45H/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

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**45 x 45 L 1 slot (10mm t-slot)**

**Part # ATB104545L1S** (Full stick)

- Length: 6000mm
- Weight: 1.69 kg/m

**Part # B45x45L1S/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

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**45 x 45 L 2 slot (10mm t-slot)**

**Part # ATB104545L2S** (Full stick)

- Length: 6000mm
- Weight: 1.64 kg/m

**Part # B45x45L2S/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

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**45 x 45 L 2 slot Adjacent (10mm t-slot)**

**Part # ATB104545L2SA** (Full stick)

- Length: 6000mm
- Weight: 1.64 kg/m

**Part # B45x45L2SA/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*
45 Series Extrusion

**45 x 45 L** 3 slot (10mm t-slot)
- **Part # ATB104545L3S** (Full stick)
  - Length: 6000mm
  - Weight: 1.57 kg/m

**Part # B45x45L3S/mm** (Cut part number)
*Please contact a technical sales engineer for custom machining options*

**45 x 45 L** Radius (10mm t-slot)
- **Part # ATB1045LR90** (Full stick)
  - Length: 6000mm
  - Weight: 1.27 kg/m

**Part # B45x45LR90/mm** (Cut part number)
*Please contact a technical sales engineer for custom machining options*

**45 x 60 H** (10mm t-slot)
- **Part # ATB104560H** (Full stick)
  - Length: 6000mm
  - Weight: 3.01 kg/m

**Part # B45x60H/mm** (Cut part number)
*Please contact a technical sales engineer for custom machining options*

**45 x 90 L** (10mm t-slot)
- **Part # ATB104590L** (Full stick)
  - Length: 6000mm
  - Weight: 3.05 kg/m

**Part # B45x90L/mm** (Cut part number)
*Please contact a technical sales engineer for custom machining options*

**45 x 90 H** (10mm t-slot)
- **Part # ATB104590H** (Full stick)
  - Length: 6000mm
  - Weight: 4.12 kg/m

**Part # B45x90H/mm** (Cut part number)
*Please contact a technical sales engineer for custom machining options*
45 Series Accessories

45 x 45 Gusset Kit (Includes hardware) | Part # 093W423N10S02

Description: To connect profiles and panels at right angles
Material: Gusset: Die-cast aluminum, Flange Nut and T-Bolt: Zinc plated steel
Assembly Set: Kit contains 1x Gusset, 2 x T-Bolt (M8 x 25mm), 2 x Flange Nut (M8)

45 x 45 Gusset Cover Cap | Part # 093WA421

Description: Cover cap for 45 x 45 Gusset
Material: Nylon PA
Color: Black

45 x 90 Gusset Kit (Includes hardware) | Part # 093W451N10S01

Description: To connect two aluminum profiles at right angles
Material: Gusset: Die-cast aluminum, Flange Nut and T-Bolt: Zinc plated steel
Assembly Set: Kit contains 1x Gusset, 4 x T-Bolt (M8 x 25mm), 4 x Flange Nut (M8)

45 x 90 Gusset Cover Cap | Part # 093WA451

Description: Cover cap for 45 x 90 Gusset
Material: Nylon PA
Color: Black
45 Series Accessories

45 x 45 Pivot Joints

**Description:** To make a pivoting connection between two profiles or panels; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position

**Material:** Die-cast aluminum

**Part # 093GA45AN (Without handle)**

**Part # 093GAF45AN (With handle)**

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M12x30 Connection Screw (Hex Head) | Part # 093M1230

**Material:** Zinc plated steel

*Note: Custom end-machining options found on page 7*

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S12x30 Self-Tapping Connection Screw (Hex Head) | Part # 093S1230

**Material:** Zinc plated steel

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Bolt Connector Kits

**Description:** To connect two aluminum profiles; a 17 mm through-hole must be drilled through the side of one profile

**Material:** Nylon PA glass, fiber reinforced, zinc plated steel

**Assembly Set:** Kit contains 2 x Button Head Cap Screw (M8 x 35), 2 x T-Nut (M8), 2 x Alignment Pin, 2 x Cover Cap, 1 x Alignment Bar

**45mm Bolt Connector (10mm slot) | Part # 099C451**

A: 42.0mm | B: 28.0mm

**90mm Bolt Connector (10mm slot) | Part # 099C901**

A: 87.0mm | B: 73.0mm

*Note: Custom end-machining options found on page 7*
# 45 Series Accessories

## T-Nuts (10mm slot)

**Description**: To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection  
**Material**: Zinc plated steel  

- M4 T-Nut  |  Part # 096H10430  
- M5 T-Nut  |  Part # 096H10530  
- M6 T-Nut  |  Part # 096H10630  
- M8 T-Nut  |  Part # 096H10830  
- 1/4-20 T-Nut  |  Part # 096H101/430  
- 5/16-18 T-Nut  |  Part # 096H105/1630

## T-Bolt Kits (10mm slot, Includes hardware)

**Description**: To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection  
**Material**: Zinc plated steel  
**Assembly Set**: Kit contains 1 x T-Bolt, 1 x Flange Nut  

- M8 x 20 T-Bolt Kit  |  Part # 096HK1030M0820S10  
  L: 20  
- M8 x 25 T-Bolt Kit  |  Part # 096HK1030M0825S10  
  L: 25  
- M8 x 30 T-Bolt Kit  |  Part # 096HK1030M0830S10  
  L: 30  
- M8 x 40 T-Bolt Kit  |  Part # 096HK1030M0840S10  
  L: 40

## M8 T-Block (10mm slot)  |  Part # 096038

**Description**: Self-aligning T-block  
**Material**: Zinc plated steel

## 45 x 45 End Cap  |  Part # 091012

**Description**: To cover the end of the profile  
**Material**: Nylon PA  
**Color**: Black
45 Series Accessories

45 x 90 End Cap | Part # 091064
Description: To cover the end of the profile
Material: Nylon PA
Color: Black

Panel Insert (10mm slot) | Part # 092243
Description: To secure panels with a thickness of 2 - 6 mm
Material: Plastic PP + TPE
Length: 2.0m
Color: Black

Cover Strips (10mm slot)
Description: To cover 10mm profile t-slots
Material: Plastic PP
Cover Strip (Black) | Part # 092041
Cover Strip (Blue) | Part # 092044
Cover Strip (Red) | Part # 092041S04
Cover Strip (Yellow) | Part # 092041S06
Cover Strip (Aluminum colored lacquered) | Part # 092041A

Heavy Duty Plastic Hinge Kit (10mm slot, Includes hardware) | Part # 095KS4545F10S03
Description: To hinge panels or aluminum profiles; Non-detachable
Material: Wings: Nylon PA glass filled reinforced
Color: Black
Fastening: From the front, using M6 countersunk screws
FAmax: 150N  FRmax: 280N
Assembly Set: Kit contains 1 x Hinge, 2 x Flat Head Cap Screw (M6x18), 2 x T-Nut (M6),
45 Series Accessories

Aluminum Hinge Kit (10mm slot, Includes hardware) | Part # 095A4545FS10

**Description:** To hinge panels or aluminum profiles, Non-detachable

**Material:** Wings: Die-cast-aluminum, Pin: Stainless steel

**Surface:** Aluminum colored laquered matte nickel-plated

**Assembly Set:** Kit contains 1 x Hinge, 4 x Flat Head Cap Screw (M6x18), 4 x T-Nut (M6)

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Double Ball Catch Kit (10mm slot, Includes hardware) | Part # 09304701S10

**Description:** A quick locking device for doors and flaps with and without frame

**Material:** Housing: Nylon PA, Ball: Stainless steel, Bushing, Screws and T-Nuts: Zinc plated steel

**Locking Force:** 25N

**Color:** Black

**Assembly Set:** Kit contains 1 x Double Ball Catch, 4 x Socket Head Cap Screw (M5x20), 4 x Flat Washer (M5), 4 x T-Nut (M5)

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Bridge Handle Kits (10mm slot, Includes hardware)

**Description:** To mount on doors, flaps and aluminum profiles

**Material:** Nylon PA, glass filled reinforced

**Color:** Black

**Small Handle | Part # 092001S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x16), 2 x T-Nut (M6)

- a: 142.0mm
- A: 122.0mm
- B: 26.0mm
- H: 40.0mm

**Large Handle | Part # 092002S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x16), 2 x T-Nut (M6)

- a: 170.0mm
- A: 152.0mm
- B: 28.0mm
- H: 52.0mm
45 Series Accessories

Door Latch Kit (10mm slot, Includes hardware)  |  Part # 093082S10

**Description:** For easy closing of doors and flaps, with spring-loaded clamp; including separate slot fixation strips

**Material:** Housing: Die-cast zinc, Pull handle: Nylon PA, black Bolt: Screw and T-Nut; Zinc plated steel

**Assembly Set:** Kit contains 1 x Latch, 4 x Button Head Cap Screw (M6x16), 4 x T-Nut (M6)

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M12 Leveling Foot Kit  |  Part # 098D045ZSGS10

**Description:** A swiveling leveling foot for strong positioning on uneven floors with anti-slip plate

**Material:** Foot: Die-cast zinc; Stem and Jam Nut: Zinc Plated Steel

**Surface:** Black powder coated base

**Max. Load:** 770kg

**Assembly Set:** Kit contains 1 x Base, 1 x Stem, 1 x Jam Nut

*Note: Custom end-machining options found on page 7*
45 Series Accessories

Floor Mount Base Kit (10mm slot, Includes hardware) | Part # 098G45150AS10

**Description:** To mount aluminum profiles as posts  
**Material:** Base: Die-cast aluminum,  
T-Block and Screws: Zinc plated steel  
**Assembly Set:** Kit contains 1 x Base, 4 x T-Block, 8 x M8x12 Button Head Cap Screw Flanged

Floor Bracket Kit (10mm slot, Includes hardware) | Part # 093B2001VS10

**Description:** To securely fix aluminum profiles to the floor  
**Material:** Zinc plated steel  
**Assembly Set:** Kit contains 1 x Bracket, 3 x M8x20 T-Bolt Kit
60 Series Extrusion

**60 x 60 L** (10mm t-slot)

Part # ATB106060L (Full stick)

- Length: 6000mm
- Weight: 2.57 kg/m

**Part # B60x60L/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

**60 x 60H** (10mm t-slot)

Part # ATB106060H (Full stick)

- Length: 6000mm
- Weight: 3.86 kg/m

**Part # B60x60H/mm** (Cut part number)

*Please contact a technical sales engineer for custom machining options*

60 Series Accessories

**60 x 60 Gusset Kit (Includes hardware) | Part # 093W603N10S01**

**Description:** To connect two aluminum profiles at right angles

**Material:** Gusset: Die-cast aluminum, Flange Nut and T-Bolt: Zinc plated steel

**Assembly Set:** Kit contains 1 x Gusset, 2 x T-Bolt (M8x20mm), 2 x Flange Nut (M8)
60 Series Accessories

60 x 60 Gusset Cover Cap | Part # 093WA603
Description: Cover cap for 60 x 60 Gusset
Material: Nylon PA
Color: Black

M12x30 Connection Screw (Hex Head) | Part # 093M1230
Material: Zinc plated steel
Note: Custom end-machining options found on page 7

S12x30 Self-Tapping Connection Screw (Hex Head) | Part # 093S1230
Material: Zinc plated steel

T-Nuts (10mm slot)
Description: To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection
Material: Zinc plated steel
M4 T-Nut | Part # 096H10430
M5 T-Nut | Part # 096H10530
M6 T-Nut | Part # 096H10630
M8 T-Nut | Part # 096H10830
1/4-20 T-Nut | Part # 096H101/430
5/16-18 T-Nut | Part # 096H105/1630

T-Bolt Kits (10mm slot, Includes hardware)
Description: To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection
Material: Zinc plated steel
Assembly Set: Kit contains 1 x T-Bolt, 1 x Flange Nut
M8 x 20 T-Bolt Kit | Part # 096HK1030M0820S10
L: 20
M8 x 25 T-Bolt Kit | Part # 096HK1030M0825S10
L: 25
M8 x 30 T-Bolt Kit | Part # 096HK1030M0830S10
L: 30
M8 x 40 T-Bolt Kit | Part # 096HK1030M0840S10
L: 40
60 Series Accessories

**M8 T-Block (10mm slot) | Part # 096038**
- **Description:** Self-aligning T-block
- **Material:** Zinc plated steel
- **Size:** M8

**60 x 60 End Cap | Part # 091021**
- **Description:** To cover the end of the profile
- **Material:** Nylon PA
- **Color:** Black

**Panel Insert (10mm slot) | Part # 092243**
- **Description:** To secure panels with a thickness of 2 - 6 mm
- **Material:** Plastic PP + TPE
- **Length:** 2.0m
- **Color:** Black

**Cover Strips (10mm slot)**
- **Description:** To cover 10mm profile t-slots
- **Material:** Plastic PP
  - **Cover Strip (Black) | Part # 092041**
  - **Cover Strip (Blue) | Part # 092044**
  - **Cover Strip (Red) | Part # 092041S04**
  - **Cover Strip (Yellow) | Part # 092041S06**
  - **Cover Strip (Aluminum colored lacquered) | Part # 092041A**

**Heavy Duty Plastic Hinge Kit (10mm slot, Includes hardware) | Part # 095KS6060F10S01**
- **Description:** To hinge panels or aluminum profiles; Non-detachable
- **Material:** Wings: Nylon PA glass filled reinforced
- **Color:** Black
- **Fastening:** From the front, using M6 countersunk screws
- **FAmax:** 130N  **FRmax:** 280N
- **Assembly Set:** Kit contains 1 x Hinge,
  - 2 x Flat Head Cap Screw (M6x18)
  - 2 x T-Nut (M6),
60 Series Accessories

**Aluminum Hinge Kit (10mm slot, Includes hardware) | Part # 095A6060FS10**

**Description:** To hinge panels or aluminum profiles, Non-detachable

**Material:** Wings: Die-cast-aluminum, Pin: Stainless steel

**Surface:** Aluminum colored laquered matte nickel-plated

**Assembly Set:** Kit contains 1 x Hinge, 4 x Flat Head Cap Screw (M6x18), 4 x T-Nut (M6)

**Double Ball Catch Kit (10mm slot, Includes hardware) | Part # 09304701S10**

**Description:** A quick locking device for doors and flaps with and without frame

**Material:** Housing: Nylon PA, Ball: Stainless steel, Bushing, Screws and T-Nuts: Zinc plated steel

**Color:** Black

**Locking Force:** 25N

**Assembly Set:** Kit contains 1 x Double Ball Catch, 4 x Socket Head Cap Screw (M5x20), 4 x Flat Washer (M5), 4 x T-Nut (M5)

**Bridge Handle Kits (10mm slot, Includes hardware)**

**Description:** To mount on doors, flaps and aluminum profiles

**Material:** Nylon PA, glass filled reinforced

**Color:** Black

**Small Handle | Part # 092001S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x16), 2 x T-Nut (M6)

- a: 142.0mm  A: 122.0mm
- B: 26.0mm  H: 40.0mm

**Large Handle | Part # 092002S10**

**Assembly Set:** Kit contains 1 x Handle, 2 x Socket Head Cap Screw (M6x16), 2 x T-Nut (M6)

- a: 170.0mm  A: 152.0mm
- B: 28.0mm  H: 52.0mm
60 Series Accessories

Door Latch Kit (10mm slot, Includes hardware) | Part # 093082S10

**Description:** For easy closing of doors and flaps, with spring-loaded clamp; including separate slot fixation strips

**Material:** Housing: Die-cast zinc, Pull handle: Nylon PA, black Bolt: Screw and T-Nut; Zinc plated steel

**Assembly Set:** Kit contains 1 x Latch, 4 x Button Head Cap Screw (M6x16), 4 x T-Nut (M6)

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M12 Leveling Foot Kit | Part # 098D060ZSGS10

**Description:** A swiveling leveling foot for strong positioning on uneven floors with anti-slip plate

**Material:** Foot: Die-cast zinc; Stem and Jam Nut: Zinc Plated Steel

**Surface:** Black powder coated base

**Max. Load:** 770kg

**Assembly Set:** Kit contains 1 x Base, 1 x Stem, 1 x Jam Nut

*Note: Custom end-machining options found on page 7*

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Floor Bracket Kit (10mm slot, Includes hardware) | Part # 093B2001VS10

**Description:** To securely fix aluminum profiles to the floor

**Material:** Zinc plated steel

**Assembly Set:** Kit contains 1 x Bracket, 3 x M8x20 T-Bolt Kit
90 Series Extrusion

90 x 90L (10mm t-slot)
Part # ATB109090L (Full stick)
Length 6000mm
Weight 6.34 kg/m

Part # B90x90L/mm (Cut part number)
Please contact a technical sales engineer for custom machining options

90 x 90H (10mm t-slot)
Part # ATB109090H (Full stick)
Length 6000mm
Weight 10.51 kg/m

Part # B90x90H/mm (Cut part number)
Please contact a technical sales engineer for custom machining options

90 Series Accessories

90 x 90 Gusset Kit (Includes hardware) | Part # 093W901N10S02

Description: To connect two aluminum profiles at right angles
Material: Gusset: Die-cast aluminum,
Flange nut and Bolt: Zinc plated steel
Assembly Set: Kit contains 1 x Gusset,
8 x T-Bolt (M8x25mm), 8 x Flange Nut (M8)

90 x 90 Gusset Cover Cap | Part # 093WA901

Description: Cover cap for 90 x 90 Gusset
Material: Nylon PA
Color: Black
90 Series Accessories

M12x30 Connection Screw (Hex Head) | Part # 093M1230
Material: Zinc plated steel
Note: Custom end-machining options found on page 7

S12x30 Self-Tapping Connection Screw (Hex Head) | Part # 093S1230
Material: Zinc plated steel

90mm Bolt Connector Kit (10mm slot) | Part # 099C901
Description: To connect two aluminum profiles; a 17 mm through-hole must be drilled through the side of one profile
Material: Nylon PA glass, fiber reinforced, zinc plated steel
Assembly Set: Kit contains 2 x Button Head Cap Screw (M8 x 35), 2 x T-Nut (M8), 2 x Alignment Pin, 2 x Cover Cap, 1 x Alignment Bar
Note: Custom end-machining options found on page 7

T-Nuts (10mm slot)
Description: To fasten components to profiles, brakes the anodized coat of the profile - thus ensuring a safe, electrically conductive connection
Material: Zinc plated steel
M4 T-Nut | Part # 096H10430
M5 T-Nut | Part # 096H10530
M6 T-Nut | Part # 096H10630
M8 T-Nut | Part # 096H10830
1/4-20 T-Nut | Part # 096H101/430
5/16-18 T-Nut | Part # 096H105/1630
**90 Series Accessories**

**T-Bolt Kits (10mm slot, Includes hardware)**

**Description:** To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically conductive connection  
**Material:** Zinc plated steel  
**Assembly Set:** Kit contains 1 x T-Bolt, 1 x Flange Nut  

- **M8 x 20 T-Bolt Kit** | Part # 096HK1030M0820S10  
  L: 20
- **M8 x 25 T-Bolt Kit** | Part # 096HK1030M0825S10  
  L: 25
- **M8 x 30 T-Bolt Kit** | Part # 096HK1030M0830S10  
  L: 30
- **M8 x 40 T-Bolt Kit** | Part # 096HK1030M0840S10  
  L: 40

**M8 T-Block (10mm slot) | Part # 096038**

**Description:** Self-aligning T-block  
**Material:** Zinc plated steel  
**Size:** M8

**90 x 90 End Cap | Part # 091030**

**Description:** To cover the end of the profile  
**Material:** Nylon PA  
**Color:** Black

**Panel Insert (10mm slot) | Part # 092243**

**Description:** To secure panels with a thickness of 2 - 6 mm  
**Material:** Plastic PP + TPE  
**Length:** 2.0m  
**Color:** Black
90 Series Accessories

Cover Strips (10mm slot)
Description: To cover 10mm profile t-slots
Material: Plastic PP

Cover Strip (Black) | Part # 092041
Cover Strip (Blue)  | Part # 092044
Cover Strip (Red)  | Part # 092041S04
Cover Strip (Yellow) | Part # 092041S06
Cover Strip (Aluminum colored lacquered) | Part # 092041A

Bridge Handle Kits (10mm slot, Includes hardware)
Description: To mount on doors, flaps and aluminum profiles
Material: Nylon PA, glass filled reinforced
Color: Black

Small Handle | Part # 092001S10
Assembly Set: Kit contains 1 x Handle, 2 x Socket
Head Cap Screw (M6x16), 2 x T-Nut (M6)
a: 142.0mm  A: 122.0mm
B: 26.0mm  H: 40.0mm

Large Handle | Part # 092002S10
Assembly Set: Kit contains 1 x Handle, 2 x Socket
Head Cap Screw (M6x16), 2 x T-Nut (M6)
a: 170.0mm  A: 152.0mm
B: 28.0mm  H: 52.0mm

Floor Bracket Kit (10mm slot, Includes hardware) | Part # 093B2001VS10
Description: To securely fix aluminum profiles to the floor
Material: Zinc plated steel
Assembly Set: Kit contains 1 x Bracket, 3 x M8x20 T-Bolt Kit
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