Section 1: Metric Profiles
Section 2: Inch Profiles
Section 3: Connectors
Section 4: Fasteners
Section 5: Frame to Floor
Section 6: Doors Accessories
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Who Is Framing Tech?

With years of experience working with T-slotted aluminum extrusions, Jim Hartke & Chris Hill decided to start their own business. In 2002 they decided to take their 18 years of expertise and formed Framing Technology Inc. Framing Tech is proud to offer direct and immediate personalized attention to our customers.

Framing Technology Inc., is a manufacturer, designer, distributor, fabricator and installer of modular aluminum extrusion and accessories, to both commercial industry and individuals. We offer structural aluminum framing in both metric and inch sizes. Additionally we stock a full range of profile component products, which will complete or accessorize your framing solution.

Framing Tech has a fully trained and responsive team to assist you with taking your idea from concept to production. Additional options include CAD design, machining, kit-form, sub and full assemblies.

Why does working with Framing Tech make sense?

Simple. Value. Your time is money. By working with Framing Tech you eliminate the middle man hassle.

When you call us, a member of our team will answer any questions you may have, along with helping you transform your idea into a framing solution. When buying materials you have the option of ordering extrusion in raw-material form (not machined), as kit-form (machined, labeled, ready-to-assemble), sub or fully assembled frames, or let us install the frame solution at your site.

Globally accepted products.

Our profile T-slot geometry is widely accepted both in the USA and around the globe. Designed, machined, assembled, and shipped to locations all around the world, all from workers in the USA. This means you get your framing solution quicker and with more attention to detail than a distributor or rep. might otherwise offer. For the fastest service go to www.FramingTech.com and make an inquiry directly to our responsive sales team.

Why choose T-slotted aluminum extrusion over welded steel?

The main advantages are that it costs less, is more versatile and more flexible than welded steel, and it is much faster and easier to work with. The key features that allow this are the extrusion’s modular T-slot design. It’s as simple as inserting a connector into the T-slot and tightening. No need to clamp, weld or paint. Just piece together and tighten the connectors with standard hand tools. The finish is cleaner than welding, and there is no additional time needed to refine the welded joints.

The standard finish applied to the T-slotted aluminum extrusion is a clear anodized finish which is scratch and corrosion resistant which means it will never need maintenance. Framing Tech can also provide different finishes such as anodized colors, powder coated or painted finishes are also available upon request.

Need assistance?

We understand that this catalog may not answer all your questions. So call 1.585.464.8470 and someone from the sales-engineering team will be happy to help you. Our goal is to return a quote to you within 24 hours. So give us a call or go to www.FramingTech.com and e-mail us a sketch or idea and let us help frame your idea into reality.
Material Sales:

• Raw or bulk material sales of aluminum extrusions and their related hardware and accessories.
• Kit-form: Fully machined, labeled with b.o.m. and ready-to-assemble.
• Sub assembled.
• Fully assembled products, on-site consultation and installation are also available.

Full Machining Capabilities:

• 24” + 16” automated cutoff saws with NC controlled digital readouts.
• Automated drilling/milling/ tapping fixtures for repetitive machining operations.
• Shearing, welding, bending, and full plastic panel fabrication expertise.

CAD Design:

• Full design assistance, SolidWorks, with bill of materials (BOM) available for most applications.
• Full rendering and product placement capabilities.

Custom Colors:

• Our extrusions or accessories can be provided in different anodized colors or powder-coated finishes.

Solution Provider:

• We use many products not necessarily shown in this catalog in conjunction with aluminum extruded framing projects, and will recommend these components as required by your unique application.
• We stock many types of panel materials that are used with aluminum profiles.
• We will provide as many accessory products as are necessary to provide the most complete, low cost solution.
• Some examples of this would be manual or electric lift-systems, nitrogen gas shocks, UHMW sliding carriages, laminated counter tops, aluminum or stainless steel wall skins, perforated metal for diffuser panels, clean room fan-filter units, casters, ESD, flame retardant or laser safe panels etc.

Framing Ideas into Reality

Get it Quoted
Get it Designed
Get it Built
Get it Shipped
Common Terms

Common Profile Terms:

Sizes of Profiles:
- **Metric**: 20x20, 30x30, 30x60, 40 series (08 or 10 slot), 45x45, 45x60, 45x90, 60x60, 80x80, 90x90, 90x180
- **Inch**: 1.0x1.0, 1.0x2.0, 1.0x1.5, 1.5x1.5, 1.5x3.0, 1.5x4.5, 2.0x2.0, 3.0x3.0

Number of Slots:
- **1S**: 1 Slot on profile
- **2S**: 2 Slots on the profile opposite each other
- **2SA**: 2 Slots on the profile adjacent to each other
- **3S**: 3 Slots on the profile
- **4S**: 4 Slots on the profile (only rectangle shapes)

Structural Wall Thickness:
- **L**: Light Wall
- **__**: No suffix designator = std profile
- **H**: Heavy Wall

Radius:
- **R**: 90 Degree or “Quarter-round”

Angled:
- **30Deg**: 30 Degree angled radius
- **45Deg**: 45 Degree angled radius
- **60Deg**: 60 Degree angled radius

Symbol Legend:

Components and Profiles Compatibility:
- 6mm T-slot
- 8mm T-slot
- 10mm T-slot
- 8mm T-slot to 10mm T-slot conversion
- 0.26 Inch T-slot
- 0.32 Inch T-slot
- All T-slots

Common Machining Terms:

What the Abbreviations Mean:
- **CTL**: Cut to Length (no machining)
- **OET(tap)**: One end tapped at thread needed
- **BET(tap)**: Both ends tapped at thread needed
- **OED11**: One end drilled for 8 T-slot connector
- **BED11**: Both ends drilled for 8 T-slot connector
- **OED17**: One end drilled for QC10 Quick-connector
- **BED17**: Both ends drilled for QC10
- **OEM(UF26)**: One end milled for an UF26 connector
- **BEM(UF26)**: Both ends milled for an UF26 connector
- **OEM(UF32)**: One end milled for an UF32 connector
- **BEM(UF32)**: Both ends milled for an UF32 connector
- **CBORE**: Counter-bore (size) and specified location
- **Drilled**: Drill diameter size at specified location
- **Mitered**: Profile is mitered cut at a specified angle
**Step 1: Select the Profile**

There are a few steps to consider when choosing an aluminum profile that will help provide the perfect framing solution. What is the purpose of the frame? Next; can the aluminum profile that was chosen support the weight of the frame function. The last step is to consider the final appearance of the frame. Should the frame slots be seen, or should it be a smooth exterior which gives the frame a sleeker look?

Our profiles are separated into tiers as designated by their weight per foot/meter. Light duty, medium duty (typically standard), and heavy duty, for ease of choosing the correct profile size. The profiles within this catalog are separated into two sections metric (section 1) and inch (section 2).

The catalog page information includes; the technical data for each of the profiles, a set of standard application examples, a rendered image along with a technical drawing. Also included is an ordering-options table showing the Framing Tech identification part numbers.

**Step 2: Select the Connectors**

The next consideration after deciding on the profile size being used is what type of joining-connectors? Within this catalog the standard types of connectors are located on the profile’s page as well as a more detailed set of installation images on the actual parts page. Some of the standard connectors include:
- Connection Screws
- Quick connector for 90° rigid connections
- Gussets for no machining required
- Connection brackets/plates for no machining
- Pivoting & variable angle connectors

The types of connectors are our suggestion to you from what we have found to be the fastest and most efficient way to assemble frames. Special connectors and machining is available, just e-mail or call with your questions and we will answer today.

**Step 3: Adding the “Finishing” touches**

The final step once all of the profile and connection options have been chosen is the finishing step. This is where we will assist you on any touches that will make your framing solution into a refined and finished product.

Framing Tech has a variety of variety of finishing accessories from profile end caps to leveling feet and T-slot covers to conveyor rollers even a cup holder to make your framing solution fully personal and custom.

Some examples of typical accessories we provide are, manual or electric lift-systems, nitrogen gas shocks, UHMW sliding carriages, laminate cabinet tops built in house, stainless steel wall skins, HEPA filters, light fixtures, roll-up doors, vinyl strip-curtains, and many more.
Examples

Perimeter Guarding

Shelving Carts
Partition Walls

Storage Shelves
Examples

30” x 60” Workstations, maple top with bin-rail, drawer & cpu shelf

Framing Tech: Work-In-Progress
### Metric Aluminum Profile

**Part ID: 20x20/3m**

**Features:**
- Light duty
- Profile ideal for small frames.
- Has four 6mm T-slots
- Center-bore is for an M6.

**Technical Specifications:**
- Material: 6063 Aluminum
- Finish: Clear Anodized
- Weight: 0.40 kg/m
- Surface Area: 1.60 cm²
- Length: 3 Meters
- Moment of Inertia: $I_x = 0.67 \text{ cm}^4$
- Moment of Inertia: $I_y = 0.67 \text{ cm}^4$

**Machine Call-out**

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<tr>
<td>CTL</td>
<td>Cut to specified length, sizes from 30 mm to full stick (3 meters)</td>
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<tr>
<td>OETM6</td>
<td>Cut to specified length, one end tapped for an M6 thread</td>
</tr>
<tr>
<td>BETM6</td>
<td>Cut to specified length, both ends tapped for an M6 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
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**Assembly Options:**

**Connection Screw: Section 3-2**

**Machining:**
- Primary: Drilled (Size, Location)
- Secondary: OETM6

**Connector:** CS06M6

**Gusset: Section 3-4**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS20W
**Part ID: 20x202SA/3m**

**Features:**
- Light duty
- Profile ideal for small frames.
- Has two adjacent 6mm T-slots.
- Center-bore is for M6.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.49 kg/m
- Surface Area: 1.82 cm²
- Length: 3 Meters
- Moment of Inertia:
  - \( I_x = 0.75 \text{ cm}^4 \)
  - \( I_y = 0.75 \text{ cm}^4 \)

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- Please contact Framing Tech, for additional machining options

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**Assembly Options:**

**Connection Screw: Section 3-2**

**Machining:**
- Primary: Drilled (Size,@Location)
- Secondary: OETM6

**Connector: CS06M6**

**Gusset: Section 3-4**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector: GS20W**
Part ID: 20x20R/3m

Features:
- Light duty
- Profile with a radius corner.
- Has two adjacent 6mm T-slots.
- Ideal for sign frames and display cases.
- Center-bore is for an M6.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.40 kg/m
- Surface Area: 1.60 cm²
- Length: 3 meters
- Moment of Inertia: $I_x = 0.58 \text{ cm}^4$
- Inertia: $I_y = 0.58 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (3 meters)
OETM6 | Cut to specified length, with one end tapped for a M6 thread
BETM6 | Cut to specified length, with both ends tapped for a M6 thread

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Corner Bracket: Section 3-15**
- Machining:
  - Primary: OETM6
  - Secondary: OETM6
- Connector: CBR08W

**Gusset: Section 3-4**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS20W
Metric Aluminum Profiles

Part ID: 20x40/3m

Features:
- Light duty
- Profile ideal for small frames.
- Has six 6mm T-slots.
- Center-bores are for M6.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodize
- Weight: 1.19 kg/m
- Surface Area: 2.85 cm²
- Length: 3 meters
- Moment of Inertia:
  - \( I_x \) = 4.57 cm⁴
  - \( I_y \) = 1.19 cm⁴

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<td>Cut to specified length, with both ends tapped for a M6 thread</td>
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- Please contact Framing Tech, for additional machining options

Assembly Options:

**Connection Screw:** Section 3-2

**Machining:**
- Primary: Drilled (Size,@Location)
- Secondary: OETM6

**Connector:** CS06M6

**Gusset:** Section 3-4

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS20W
Part ID: 30x30/6m

Features:
- Light duty
- Profile ideal for small frames.
- Has four 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.80 kg/m
- Surface Area: 3.10 cm²
- Length: 6 Meters
- Moment of Inertia:
  - \( I_x = 2.75 \text{ cm}^4 \)
  - \( I_y = 2.75 \text{ cm}^4 \)

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
OED11 | Cut to specified length, one end drilled for an 8mm T-slot quick connector (QC08)
BED11 | Cut to specified length, both ends drilled for an 8mm T-slot quick connector (QC08)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

Assembly Options:

**Quick Connector:** Section 3-1

**Machining:**
- Primary: OED11
- Secondary: CTL

**Connector:** QC08V or QC08H

**Gusset:** Section 3-4

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS30W
**Metric Aluminum Profiles**

**Part ID: 30x301S/6m**

**Features:**
- Light duty
- Profile ideal for small frames.
- Has one 8mm T-slot.
- Center-bore is for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.00 kg/m
- Surface Area: 3.70 cm²
- Length: 6 Meters
- Moment of Inertia (x): $I_x = 3.12 \text{ cm}^4$
- Inertia (y): $I_y = 3.48 \text{ cm}^4$

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<td>Cut to specified length, drilled for specified size and location(s) needed</td>
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Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Quick Connector: Section 3-1**
- Machining: Primary: OED11, Secondary: CTL
- Connector: QC08V or QC08H

**Gusset: Section 3-4**
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS30W
Part ID: 30x302S/6m

Features:
- Light duty
- Profile with two smooth side.
- Has two 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.90 kg/m
- Surface Area: 3.50 cm²
- Length: 6 meters
- Moment of inertia:
  - \( I_x = 2.78 \text{ cm}^4 \)
  - \( I_y = 3.47 \text{ cm}^4 \)

Machine Call-out

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- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: Drilled (Size,@Location)
- Secondary: OETM8

Connector: CS08M8

Gusset: Section 3-4

Machining:
- Primary: CTL
- Secondary: CTL

Connector: GS30W
Metric Aluminum Profiles

Part ID: 30x302SA/6m

Features:
- Light duty
- Profile with two sides adjacent.
- Has two 8mm T-slot.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.90 kg/m
- Surface Area: 3.50 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 3.11$ cm⁴
- Inertia: $I_y = 3.11$ cm⁴

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</tr>
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Assembly Options:

Quick Connector: Section 3-1
- Machining:
  - Primary: OED11
  - Secondary: CTL
- Connector: QC08V or QC08H

Gusset: Section 3-4
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS30W
Part ID: 30x303S/6m

Features:
- Light duty
- Profile with one smooth side.
- Has three 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.90 kg/m
- Surface Area: 3.30 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 3.10 \text{ cm}^4$
- Inertia: $I_y = 2.77 \text{ cm}^4$

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Assembly Options:

**Connection Screw: Section 3-2**

Machining:
- Primary: Drilled (Size, @Location)
- Secondary: OETM8

Connector: CS08M8

**Gusset: Section 3-4**

Machining:
- Primary: CTL
- Secondary: CTL

Connector: GS30W
### Part ID: 30x30R/6m

#### Features:
- Light duty
- Profile with a radius corner.
- Has two adjacent 8mm T-slots.
- Center-bore is for M8.

#### Technical Specifications:
- **Material**: 6063-T6 Aluminum
- **Finish**: Clear Anodized
- **Weight**: 0.80 kg/m
- **Surface Area**: 3.10 cm²
- **Length**: 6 meters
- **Moment of Inertia**:
  - $I_{(X)} = 2.75 \text{ cm}^4$
  - $I_{(Y)} = 2.75 \text{ cm}^4$

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- Please contact Framing Tech for additional machining operations

### Assembly Options:

#### Connection Screw: Section 3-2

**Machining:**
- Primary: Drilled (Size,@Location)
- Secondary: OETM8

**Connector:** CS08M8

#### Gusset: Section 3-4

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS30W
Part ID: 30x30x30Deg/5.6m

Features:
- Light duty
- Profile for frames that require a 30 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.00 kg/m
- Surface Area: 3.60 cm²
- Length: 5.6 Meters
- Moment of Inertia: $I_x = 3.50 \text{ cm}^4$
- Inertia: $I_y = 3.60 \text{ cm}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (5.6 meters)</td>
</tr>
<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

Quick Connector: Section 3-1

Machining:
Primary: CTL
Secondary: OED11

Connector: QC08V or QC08H

Gusset: Section 3-4

Machining:
Primary: CTL
Secondary: CTL

Connector: GS30W
1-12

Metric Aluminum Profiles

Part ID: 30x30x45Deg/5.6m

Features:
- Light duty
- Profile for frames that require a 45 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.00 kg/m
- Surface Area: 4.00 cm²
- Length: 5.6 meters
- Moment of Inertia:
  - $I_x = 3.60$ cm⁴
  - $I_y = 5.10$ cm⁴

Machine Call-out

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<tr>
<td>BETM8</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech, for additional machining options

Assembly Options:

Connection Screw: Section 3-2

Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)

Connector: CS08M8

Corner Bracket: Section 3-15

Machining:
Primary: CTL
Secondary: CTL

Connector: CBR08W
Part ID: 30x30x60Deg/5.6m

Features:
- Light duty
- Profile for frames that require a 60 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.00 kg/m
- Surface Area: 3.60 cm²
- Length: 5.6 Meters
- Moment of Inertia: $I_x = 3.00 \text{ cm}^4$
- Inertia: $I_y = 4.10 \text{ cm}^4$

### Machine Call-out

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<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional machining operations.

Assembly Options:

**Quick Connector:** Section 3-1
- Machining: Primary: CTL, Secondary: OED11
- Connector: QC08V or QC08H

**Gusset:** Section 3-4
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS30W
Metric Aluminum Profiles

Part ID: 30x45/6m

**Features:**
- Light duty
- Profile for door jams and frames.
- Has two 8mm T-slots, and one 10mm T-slot.
- Center-bore is for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.06 kg/m
- Surface Area: 3.94 cm$^2$
- Length: 6 meters
- Moment of Inertia $I_x = 8.10$ cm$^4$
- Inertia $I_y = 3.84$ cm$^4$

**Machine Call-out**

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<td><strong>CTL</strong> Cut to specified length, from 30 mm to full stick (6 meters)</td>
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<tr>
<td><strong>OETM8</strong> Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td><strong>BETM8</strong> Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

**Assembly Options:**

**Connection Screw: Section 3-2**

**Machining:**
Primary: OETM8
Secondary: Drilled (size,@Location)

**Connector:** CS08M8

**Corner Bracket: Section 3-15**

**Machining:**
Primary: CTL
Secondary: CTL

**Connector:** CBR08W
Part ID: 30x60/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has six 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 1.50 kg/m
- Surface Area 5.60 cm²
- Length 6 Meters
- Moment of inertia $I_x = 19.68 \text{ cm}^4$
- Inertia $I_y = 5.06 \text{ cm}^4$

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<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>OED11</td>
<td>Cut to specified length, one end drilled for a 8mm T-slot quick connector (QC08)</td>
</tr>
<tr>
<td>BED11</td>
<td>Cut to specified length, both ends drilled for a 8mm T-slot quick connector (QC08)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembler Options:

**Quick Connector:** Section 3-1
- Machining:
  - Primary: CTL
  - Secondary: OED11
- Connector: QC08V or QC08H

**Gusset:** Section 3-4
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS30W
Part ID: 30x60x60/5.6m

Features:
- Medium duty L-shape
- Profile for frames that require using a heavier application.
- Has eight 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.20 kg/m
- Surface Area: 8.20 cm²
- Length: 5.6 meters
- Moment of Inertia: $I_x = 26.10 \text{ cm}^4$
- Inertia: $I_y = 26.10 \text{ cm}^4$

Machine Call-out

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<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>OED11</td>
<td>Cut to specified length, one end drilled for an 8mm T-slot quick connector (QC08)</td>
</tr>
<tr>
<td>BED11</td>
<td>Cut to specified length, both ends drilled for an 8mm T-slot quick connector (QC08)</td>
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<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
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<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
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- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: OETM8
- Secondary: Drilled (size,@Location)

Connector: CS08M8

Corner Bracket: Section 3-15

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CBR08W
Part ID: 40x40-08L/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has four 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.49 kg/m
- Surface Area: 5.48 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 8.12 \text{ cm}^4$
- Inertia: $I_y = 8.12 \text{ cm}^4$

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<td>BETM8</td>
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</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)

Connector: CS08M8

Tilt Connector: Section 3-30

Machining:
Primary: OETM8
Secondary: CTL

Connector: CBR08W
Part ID: 40x40-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has four 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 1.75 kg/m
- Surface Area 6.49 cm²
- Length 6 Meters
- Moment of Inertia $I_x = 9.18 \text{ cm}^4$
- Inertia $I_y = 9.18 \text{ cm}^4$

Machine Call-out

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<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
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<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw**: Section 3-2

**Machining**:
- Primary: OETM8
- Secondary: Drilled (size,@Location)

**Connector**: CS08M8

**Corner Bracket**: Section 3-30

**Machining**:
- Primary: OETM8
- Secondary: CTL

**Connector**: TCB40-08
Part ID: 40x40-08H/6m

Features:
- Heavy duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has four 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.47 kg/m
- Surface Area: 9.15 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 14.14 \text{ cm}^4$
  $I_y = 14.14 \text{ cm}^4$

Machine Call-out  |  Machining Description (Ordering Options)
--- | ---
CTL  |  Cut to specified length, from 30 mm to full stick (6 meters)
OETM8  |  Cut to specified length, with one end tapped for a M8 thread
BETM8  |  Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location)  |  Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location)  |  Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
- Machining:
  Primary: OETM8
  Secondary: Drilled (size,@Location)
- Connector: CS08M8

Gusset: Section 3-6
- Machining:
  Primary: CTL
  Secondary: CTL
- Connector: GS40-08W
1-20
Metric Aluminum Profiles

Part ID: 40x40-082S/6m

Features:
- Medium duty
- Profile with two opposite smooth surfaces.
- Has two opposite 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.85 kg/m
- Surface Area: 6.84 cm²
- Length: 6 Meters
- Moment of Inertia (x): I_x = 9.20 cm⁴
- Inertia (y): I_y = 10.45 cm⁴

Machine Call-out

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<tr>
<td>CTL</td>
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<tr>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM8</td>
</tr>
<tr>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: OETM8
- Secondary: Drilled (size,@Location)

Connector: CS08M8

Tilt Connector: Section 3-30

Machining:
- Primary: OETM8
- Secondary: CTL

Connector: TCB40-08
Part ID: 40x40-082SA/6m

Features:
- Medium duty
- Profile with two adjacent smooth surfaces.
- Has two adjacent 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.85 kg/m
- Surface Area: 6.84 cm²
- Length: 6 Meters
- Moment of Inertia: I_x = 9.81 cm⁴, I_y = 9.81 cm⁴

Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

• Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

**Machining:**
- Primary: OETM8
- Secondary: Drilled (size, @Location)

**Connector:** CS08M8

Gusset: Section 3-6

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS40-08W
Part ID: 40x40-083S/6m

Features:
- Medium duty
- Profile with one smooth surface.
- Has three 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.80 kg/m
- Surface Area: 6.66 cm²
- Length: 6 Meters
- Moment of Inertia (x): \( I_x = 9.80 \text{ cm}^4 \)
- Inertia (y): \( I_y = 9.19 \text{ cm}^4 \)

Machine Call-out

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</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2

- **Machining:**
  - Primary: OETM8
  - Secondary: Drilled (size,@Location)
- **Connector:** CS08M8

**Tilt Connector:** Section 3-30

- **Machining:**
  - Primary: OETM8
  - Secondary: CTL
- **Connector:** TCB40-08
Part ID: 40x40-08R/6m

Features:
- Medium duty
- Profile with a radius corner.
- Has two adjacent 8mm T-slots.
- Center-bore are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.53 kg/m
- Surface Area: 5.65 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 6.64 \text{ cm}^4$
- $I_y = 6.64 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw: Section 3-2**
- Machining: Primary: OETM8, Secondary: Drilled (size, @Location)
- Connector: CS08M8

**Gusset: Section 3-6**
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS40-08W
Part ID: 40x40-0830Deg/6m

**Features:**
- Medium duty
- Profile for frames that require a 30 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bores are for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.68 kg/m
- Surface Area: 6.22 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 6.56 \text{ cm}^4$
- Inertia: $I_y = 8.99 \text{ cm}^4$

**Machine Call-out**

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<tbody>
<tr>
<td>CTL</td>
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</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Gusset:** Section 3-6
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS40-08W

**Tilt Connector:** Section 3-30
- Machining: Primary: OETM8, Secondary: CTL
- Connector: TCB40-08
Part ID: 40x40-0845Deg/6m

Features:
- Medium duty
- Profile for frames that require a 45 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bore is for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.77 kg/m
- Surface Area: 10.27 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 22.42 \text{ cm}^4$
- Inertia: $I_y = 16.68 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Gusset: Section 3-6**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS40-08W

**Tilt Connector: Section 3-30**
- Machining:
  - Primary: OETM8
  - Secondary: CTL
- Connector: TCB40-08
**Part ID: 40x40-0860Deg/6m**

**Features:**
- Medium duty
- Profile for frames that require a 60 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bore is for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.86 kg/m
- Surface Area: 10.61 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 68.44 \text{ cm}^4$
- Inertia: $I_y = 22.89 \text{ cm}^4$

**Machine Call-out**

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<td><strong>BETM8</strong> Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td><strong>Cbore (Size, @ Location)</strong> Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td><strong>Drilled (Size, @ Location)</strong> Cut to specified length, drilled for specified size and location(s) needed</td>
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- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Gusset: Section 3-6**

- **Machining:**
  - Primary: CTL
  - Secondary: CTL

- **Connector:** GS40-08W

**Tilt Connector: Section 3-30**

- **Machining:**
  - Primary: OETM8
  - Secondary: CTL

- **Connector:** TCB40-08
Part ID: 40x40-0890Deg/6m

Features:
- Medium duty
- Profile for frames that require a 90 degree curved section or angled projection.
- Has two 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 4.09 kg/m
- Surface Area: 15.14 cm²
- Length: 6 Meters
- Moment of Inertia: I_x = 76.94 cm⁴
- Inertia: I_y = 76.94 cm⁴

Machine Call-out

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<td>CTL</td>
</tr>
<tr>
<td>OETM8</td>
</tr>
<tr>
<td>BETM8</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional machining operations

Assembly Options:

Gusset: Section 3-6

Machining:
- Primary: CTL
- Secondary: CTL

Connector: GS40-08W

Tilt Connector: Section 3-30

Machining:
- Primary: OETM8
- Secondary: CTL

Connector: TCB40-08
Part ID: 40x40-08A45/6m

**Features:**
- Medium duty
- Profile with a 45 degree chamfer.
- Has two adjacent 8mm T-slots.
- Center-bore is for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.51 kg/m
- Surface Area: 5.58 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 6.63 \text{ cm}^4$
- Inertia: $I_y = 6.63 \text{ cm}^4$

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Gusset: Section 3-6**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS40-08W

**Tilt Connector: Section 3-30**
- Machining:
  - Primary: OETM8
  - Secondary: CTL
- Connector: TCB40-08
Part ID: 40x80-08L/6m

Features:
- Light duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has six 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.48 kg/m
- Surface Area: 9.20 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 15.93 \text{ cm}^4$
- Inertia: $I_y = 60.28 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)
Connector: CS08M8

Tilt Connector: Section 3-30
Machining:
Primary: OETM8
Secondary: CTL
Connector: TCB40-08
Part ID: 40x80-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has six 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 3.06 kg/m
- Surface Area: 11.33 cm$^2$
- Length: 6 Meters
- Moment of Inertia $I_x = 16.94$ cm$^4$
- Inertia $I_y = 70.16$ cm$^4$

Machine Call-out

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</tr>
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<td>OETM8</td>
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</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)
Connector: CS08M8

Gusset: Section 3-6
Machining:
Primary: CTL
Secondary: CTL
Connector: GS40-08W
Part ID: 40x80-08H/6m

Features:
- Heavy duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has six 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 13.61 kg/m
- Surface Area: 16.76 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 27.21$ cm$^4$
- Inertia: $I_y = 101.49$ cm$^4$

<table>
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<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw: Section 3-2**

- **Machining:**
  - Primary: OETM8
  - Secondary: Drilled (size,@Location)
- **Connector:** CS08M8

**Tilt Connector: Section 3-30**

- **Machining:**
  - Primary: OETM8
  - Secondary: CTL
- **Connector:** TCB40-08
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1. Metric Aluminum Profiles

Part ID: 40x80-084S/6m

Features:
- Medium duty
- Profile with one smooth surface ideal for table frames, and machine guarding.
- Has four 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 8.83 kg/m
- Surface Area: 11.68 cm²
- Length: 6 Meters
- Moment of Inertia: \( I_x = 18.16 \text{ cm}^4 \)
- Inertia: \( I_y = 71.58 \text{ cm}^4 \)

Machine Call-out

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<td>CTL</td>
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<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
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<tr>
<td>OETM8</td>
</tr>
<tr>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw**: Section 3-2

**Machining**:
- Primary: OETM8
- Secondary: Drilled (size,@Location)

**Connector**: CS08M8

**Gusset**: Section 3-6

**Machining**:
- Primary: CTL
- Secondary: CTL

**Connector**: GS40-08W
Part ID: 40x120-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has eight 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 4.37 kg/m
- Surface Area: 16.17 cm²
- Length: 6 Meters
- Moment of Inertia:
  - $I_x = 24.69 \text{ cm}^4$
  - $I_y = 221.77 \text{ cm}^4$

Assembly Options:
- Connection Screw: Section 3-2
  - Machining:
    - Primary: OETM8
    - Secondary: Drilled (size,@Location)
  - Connector: CS08M8

- Tilt Connector: Section 3-30
  - Machining:
    - Primary: OETM8
    - Secondary: CTL
  - Connector: TCB40-08

Machine Call-out

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<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
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<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional machining operations*
Metric Aluminum Profiles

Part ID: 40x120-08H/6m

Features:
- Heavy duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has eight 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 6.58 kg/m
- Surface Area: 24.36 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 40.28 \text{ cm}^4$
- Inertia: $I_y = 322.91 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)
Connector: CS08M8

Gusset: Section 3-6
Machining:
Primary: CTL
Secondary: CTL
Connector: GS40-08W
Part ID: 40x160-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has ten 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 5.67 kg/m
- Surface Area: 21.01 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 32.44 \text{ cm}^4$
- Inertia: $I_y = 502.76 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM8 | Cut to specified length, with one end tapped for a M8 thread
BETM8 | Cut to specified length, with both ends tapped for a M8 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

Please contact Framing Tech for additional machining operations

Assembly Options:
Connection Screw: Section 3-2
Machining:
Primary: OETM8
Secondary: Drilled (size,@Location)
Connector: CS08M8

Tilt Connector: Section 3-30
Machining:
Primary: OETM8
Secondary: CTL
Connector: TCB40-08
# Metric Aluminum Profiles

## Part ID: 40x160-08H/6m

### Features:
- Heavy duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has ten 8mm T-slots.
- Center-bores are for M8.

### Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 8.63 kg/m
- Surface Area: 31.97 cm$^2$
- Length: 6 Meters
- Moment of Inertia $I_x$ = 53.34 cm$^4$
- Inertia $I_y$ = 739.23 cm$^4$

### Machine Call-out

<table>
<thead>
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<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

## Assembly Options:

### Connection Screw: Section 3-2

- **Machining:**
  - Primary: OETM8
  - Secondary: Drilled (size,@Location)

- **Connector:** CS08M8

### Gusset: Section 3-6

- **Machining:**
  - Primary: CTL
  - Secondary: CTL

- **Connector:** GS40-08W
Part ID: 40x40-10/6m

Features:
- Medium duty
- Profile ideal for frames and machine guarding.
- Has four 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.48 kg/m
- Surface Area: 5.47 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 8.91$ cm$^4$
- Moment of Inertia: $I_y = 8.91$ cm$^4$

**Machine Call-out** | **Machining Description (Ordering Options)**
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Quick Connector:** Section 3-1

**Machining:**
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset:** Section 3-6

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS40-10W
Assembly Options:

**Connection Screw: Section 3-2**

- **Machining:**
  - Primary: OETM12
  - Secondary: Drilled (size,@location)

- **Connector:** CS10M12

**Corner Bracket: Section 3-15**

- **Machining:**
  - Primary: CTL
  - Secondary: CTL

- **Connector:** CBR10W
Part ID: 40x80-10/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has six 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.59 kg/m
- Surface Area: 9.60 cm$^2$
- Length: 6 Meters
- Moment of Inertia $I_x = 61.76$ cm$^4$
- Moment of Inertia $I_y = 16.93$ cm$^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

*Please contact Framing Tech for additional machining operations*

Assembly Options:

**Quick Connector:** Section 3-1
- Machining: Primary: OED17, Secondary: CTL
- Connector: QC10V or QC10H

**Gusset:** Section 3-6
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS40-10W
Part ID: 45x45L/6m

Features:
- Medium duty
- Lighter weight profile ideal for guarding frames, and machine guarding.
- Has four 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.52 kg/m
- Surface Area: 5.62 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 10.78$ cm$^4$
- Inertia: $I_y = 10.78$ cm$^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw: Section 3-2**

- Machining:
  - Primary: OETM12
  - Secondary: Drilled (size,@location)
- Connector: CS10M12

**Corner Bracket: Section 3-15**

- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: CBR1045
Part ID: 45x45/6m

Features:
- Medium duty
- Profile Ideal for guarding frames, enclosures, workstations, etc.
- Has four 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.90 kg/m
- Surface Area: 6.87 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 11.00 \, \text{cm}^4$
  $I_y = 11.00 \, \text{cm}^4$

### Machine Call-out

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<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

### Assembly Options:

**Quick Connector:** Section 3-1
- Machining:
  - Primary: OED17
  - Secondary: CTL
- Connector: QC10V or QC10H

**Gusset:** Section 3-7
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS45W
Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
C bore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw:** Section 3-2

**Machining:**
Primary: OETM12  
Secondary: Drilled (size,@location)

**Connector:** CS10M12

**Corner Bracket:** Section 3-15

**Machining:**
Primary: CTL  
Secondary: CTL

**Connector:** CBR1045
Part ID: 45x451SL/6m

Features:
- Medium duty
- Lighter weight profile with three smooth surfaces.
- Has one 10mm T-slot.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.60 kg/m
- Surface Area: 5.90 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 11.75$ cm⁴
- Inertia: $I_y = 12.06$ cm⁴

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2

Machining:
- Primary: OETM12
- Secondary: Drilled (size,@location)

Connector: CS10M12

**Gusset:** Section 3-7

Machining:
- Primary: CTL
- Secondary: CTL

Connector: GS45W
**Metric Aluminum Profiles**

**Part ID: 45x452SL/6m**

**Features:**
- Medium duty
- Lighter weight profile with two opposite smooth surfaces.
- Has two 10mm T-slots.
- Center-bore is for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.62 kg/m
- Surface Area: 5.98 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 12.50 \text{ cm}^4$
- $I_y = 10.83 \text{ cm}^4$

### Assembly Options:

#### Connection Screw: Section 3-2

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@Location)

**Connector:** CS10M12

#### Corner Bracket: Section 3-15

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** CBR1045

---

**Machine Call-out**

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<td><strong>CTL</strong> Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td><strong>OETM12</strong> Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td><strong>BETM12</strong> Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td><strong>OED17</strong> Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td><strong>BED17</strong> Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td><strong>C bore (Size, @ Location)</strong> Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td><strong>Drilled (Size, @ Location)</strong> Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional machining operations*
Part ID: 45x452S/6m

Features:
- Medium duty
- Profile with two opposite smooth surfaces.
- Has two opposite 10mm T-slots.
- Center-bore are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.92 kg/m
- Surface Area: 6.93 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 14.30 \text{ cm}^4$
  $I_y = 13.31 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

Quick Connector: Section 3-1
- Machining: Primary: OED17, Secondary: CTL
- Connector: QC10V or QC10H

Gusset: Section 3-7
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS45W
**Metric Aluminum Profiles**

**Part ID: 45x452SAL/6m**

**Features:**
- Medium duty
- Lighter weight profile with two adjacent surfaces.
- Has two adjacent 10mm T-slots.
- Center-bore is for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.62 kg/m
- Surface Area: 5.98 cm$^2$
- Length: 6 meters
- Moment of Inertia: $I_x = 11.64$ cm$^4$
- Inertia: $I_y = 11.64$ cm$^4$

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
</tr>
<tr>
<td>OETM12</td>
</tr>
<tr>
<td>BETM12</td>
</tr>
<tr>
<td>OED17</td>
</tr>
<tr>
<td>BED17</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw: Section 3-2**
- **Machining:**
  - Primary: OETM12
  - Secondary: Drilled (size,@Location)
- **Connector:** CS10M12

**Corner Bracket: Section 3-15**
- **Machining:**
  - Primary: CTL
  - Secondary: CTL
- **Connector:** CBR1045
Part ID: 45x452SA/6m

Features:
- Medium duty
- Profile with two adjacent smooth surfaces.
- Has two adjacent 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.92 kg/m
- Surface Area: 6.93 cm²
- Length: 6 meters
- Moment of Inertia:
  - $I_x = 13.81 \text{ cm}^4$
  - $I_y = 13.81 \text{ cm}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
</tr>
<tr>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
</tr>
<tr>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
</tr>
<tr>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
</tr>
<tr>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@location)

**Connector:** CS10M12

**Gusset:** Section 3-7

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS45W
Metric Aluminum Profiles

Part ID: 45x453SL/6m

Features:
- Medium duty
- Lighter weight profile with one smooth surface.
- Has three 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.57 kg/m
- Surface Area: 5.81 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 11.61 \text{ cm}^4$
- Inertia: $I_y = 10.80 \text{ cm}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
</tr>
<tr>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
</tr>
<tr>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
</tr>
<tr>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
</tr>
<tr>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@Location)

**Connector:** CS10M12

**Corner Bracket:** Section 3-15

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** CBR1045
Part ID: 45x453S/6m

Features:
- Medium duty
- Profile with one smooth surface.
- Has three 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.90 kg/m
- Surface Area: 6.89 cm²
- Length: 6 Meters
- Moment of Inertia:
  - $I_x = 13.81 \text{ cm}^4$
  - $I_y = 13.32 \text{ cm}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL - Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12 - Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12 - Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17 - Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17 - Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location) - Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location) - Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1

**Machining:**
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset:** Section 3-7

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS45W
Part ID: 45x45RL/6m

Features:
- Medium duty
- Lighter weight profile with a radius corner.
- Has two 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.25 kg/m
- Surface Area: 4.64 cm²
- Length: 6 meters
- Moment of Inertia \( I_x = 7.92 \text{ cm}^4 \)
- Moment of Inertia \( I_y = 7.92 \text{ cm}^4 \)

Machine Call-out

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2
- Machining:
  - Primary: OETM12
  - Secondary: Drilled (size, @Location)
- Connector: CS10M12

**Corner Bracket:** Section 3-15
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: CBR1045
Part ID: 45x45R/6m

Features:
- Medium duty
- Profile with a radius corner.
- Has two 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.63kg/m
- Surface Area: 5.90 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 10.12 \text{ cm}^4$, $I_y = 10.12 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OEDM12 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BEDM12 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

Please contact Framing Tech for additional machining operations

Assembly Options:

Quick Connector: Section 3-1
- Machining: Primary: OED17, Secondary: CTL
- Connector: QC10V or QC10H

Gusset: Section 3-7
- Machining: Primary: CTL, Secondary: CTL
- Connector: GS45W
Assembly Options:

<table>
<thead>
<tr>
<th>Connection Screw: Section 3-2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Machining:</strong></td>
</tr>
<tr>
<td>Primary: OETM12</td>
</tr>
<tr>
<td>Secondary: Drilled (size,@location)</td>
</tr>
<tr>
<td><strong>Connector:</strong> CS10M12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quick Connector: Section 3-1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Machining:</strong></td>
</tr>
<tr>
<td>Primary: CTL</td>
</tr>
<tr>
<td>Secondary: OED17</td>
</tr>
<tr>
<td><strong>Connector:</strong> QC10V or QC10H</td>
</tr>
</tbody>
</table>

**Part ID: 45x45x30Deg/5.6m**

**Features:**
- Medium duty
- Profile for frames that require a 30 degree curved section or angled projection.
- Has two 10mm T-slots.
- Center-bore is for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.80 kg/m
- Surface Area: 6.90 cm$^2$
- Length: 5.6 meters
- Moment of Inertia $I_x = 12.70$ cm$^4$
- Moment of Inertia $I_y = 15.20$ cm$^4$

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (5.6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations
Part ID: 45x45x45Deg/5.6m

Features:
- Medium duty
- Profile for frames that require a 45 degree curved section or angled projection.
- Has two 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.0 kg/m
- Surface Area: 7.60 cm²
- Length: 5.6 Meters
- Moment of Inertia: $I_x = 13.40 \text{ cm}^4$
- Inertia: $I_y = 21.40 \text{ cm}^4$

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (5.6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1
- Machining:
  - Primary: OED17
  - Secondary: CTL
- Connector: QC10V or QC10H

**Gusset:** Section 3-7
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS45W
1-54

Metric Aluminum Profiles

![Diagram of Metric Aluminum Profiles]

**Part ID: 45x45x60Deg/5.6m**

**Features:**
- Medium duty
- Profile for frames that require a 60 degree curved section or angled projection.
- Has two 10mm T-slots.
- Center-bore is for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.80 kg/m
- Surface Area: 6.80 cm²
- Length: 5.6 meters
- Moment of Inertia $I_x = 11.40 \text{ cm}^4$
- Inertia $I_y = 17.00 \text{ cm}^4$

**Machine Call-out**

<table>
<thead>
<tr>
<th>Macinering Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CTL</strong></td>
</tr>
<tr>
<td><strong>OETM12</strong></td>
</tr>
<tr>
<td><strong>BETM12</strong></td>
</tr>
<tr>
<td><strong>Cbore (Size, @ Location)</strong></td>
</tr>
<tr>
<td><strong>Drilled (Size, @ Location)</strong></td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw: Section 3-2**

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@location)

**Connector:** CS10M12

**Quick Connector: Section 3-1**

**Machining:**
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H
Part ID: 45x60/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has four 10mm T-slots.
- Center-bore is for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.99 kg/m
- Surface Area: 11.06 cm$^2$
- Length: 6 Meters
- Moment of Inertia $I_x = 37.23$ cm$^4$
- Moment of Inertia $I_y = 22.49$ cm$^4$

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1
- Machining:
  - Primary: OED17
  - Secondary: CTL
- Connector: QC10V or QC10H

**Gusset:** Section 3-7
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS45W
**Metric Aluminum Profiles**

**Part ID: 45x90L/6m**

**Features:**
- Medium duty
- Lighter weight profile ideal for table frames, and machine guarding
- Has six 10mm T-slots.
- Center-bores are for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 3.02 kg/m
- Surface Area: 11.17 cm²
- Length: 6 meters
- Moment of Inertia:
  - \( I_x \) = 23.19 cm⁴
  - \( I_y \) = 80.70 cm⁴

**Machine Call-out**

<table>
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<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw:** Section 3-2

- Machining:
  - Primary: OETM12
  - Secondary: Drilled (size,@Location)
- Connector: CS10M12

**Gusset:** Section 3-7

- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS4590W
Part ID: 45x90/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding
- Has six 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 3.35 kg/m
- Surface Area: 11.27 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 23.70 \text{ cm}^4$
- Inertia: $I_y = 90.56 \text{ cm}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: OETM12
- Secondary: Drilled (size,@location)

Connector: CS10M12

Gusset: Section 3-7

Machining:
- Primary: CTL
- Secondary: CTL

Connector: GS4590W
**Part ID: 45x90H/6m**

**Features:**
- Heavy duty
- Profile ideal for strong and rigid table frames, machine bases and machine guarding.
- Has six 10mm T-slots.
- Center-bores are for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 4.15 kg/m
- Surface Area: 15.37 cm²
- Length: 6 Meters
- Moment of Inertia \( I_x = 124.62 \text{ cm}^4 \)
- Inertia \( I_y = 32.76 \text{ cm}^4 \)

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
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<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
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<td>BED17</td>
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</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional machining operations*

**Assembly Options:**

**Quick Connector: Section 3-1**

**Machining:**
Primary: OED17
Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset: Section 3-7**

**Machining:**
Primary: CTL
Secondary: CTL

**Connector:** GS4590W
Part ID: 45x904S/6m

Features:
- Medium duty
- Profile with one smooth surface ideal for table frames, and machine guarding.
- Has six 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 3.29kg/m
- Surface Area 11.90 cm²
- Length 6 meters
- Moment of Inertia $I_x = 25.72 \text{ cm}^4$
- Inertia $I_y = 98.46 \text{ cm}^4$

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</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: OETM12
Secondary: Drilled (size,@location)
Connector: CS10M12

Gusset: Section 3-7
Machining:
Primary: CTL
Secondary: CTL
Connector: GS4590W
Part ID: 45x90x90R/6m

Features:
- Medium duty L-shape with a radius
- Profile ideal for frames, table and machine base legs, and machine guarding.
- Has four 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 4.83kg/m
- Surface Area: 17.47 cm²
- Length: 6 Meters
- Moment of Inertia: $I_x = 120.38 \text{ cm}^4$
- Inertia: $I_y = 120.38 \text{ cm}^4$

Machine Call-out

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</table>

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1

- **Machining:**
  - Primary: OED17
  - Secondary: CTL

- **Connector:** QC10V or QC10H

**Gusset:** Section 3-7

- **Machining:**
  - Primary: CTL
  - Secondary: CTL

- **Connector:** GS45W
Part ID: 60x60/6m

Features:
• Medium duty
• Profile ideal for large safety guarding, enclosures, and workstations.
• Has four 10mm T-slots.
• Center-bore is for M12.

Technical Specifications:
• Material 6063-T6 Aluminum
• Finish Clear Anodized
• Weight 2.60 kg/m
• Surface Area 9.60 cm²
• Length 6 meters
• Moment of Inertia $I_x = 32.41$ cm⁴
• Moment of Inertia $I_y = 32.41$ cm⁴

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Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: OETM12
Secondary: Drilled (size,@location)
Connector: CS10M12

Gusset: Section 3-8
Machining:
Primary: CTL
Secondary: CTL
Connector: GS60W
### Features:
- Heavy duty
- Profile ideal for frames, table and machine base legs, and machine guarding.
- Has four 10mm T-slots.
- Center-bore is for M12.

### Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 3.89 kg/m
- Surface Area: 14.39 cm²
- Length: 6 Meters
- Moment of Inertia \( I_x \): 52.20 cm⁴
- Moment of Inertia \( I_y \): 52.20 cm⁴

### Machine Call-out

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</table>

*Please contact Framing Tech for additional machining operations*

### Assembly Options:

**Quick Connector:** Section 3-1

**Machining:**
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset:** Section 3-8

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS60W

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Part ID: 60x90H/6m

Features:
- Heavy duty
- Profile ideal for table frames, and machine guarding.
- Has six 10mm T-slots.
- Center-bore is for M16.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 6.80 kg/m
- Surface Area 25.30 cm²
- Length 6 meters
- Moment of Inertia $I_x = 212.44$ cm⁴
- Inertia $I_y = 88.53$ cm⁴

Machine Call-out

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<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM16</td>
<td>Cut to specified length, with one end tapped for a M16 thread</td>
</tr>
<tr>
<td>BETM16</td>
<td>Cut to specified length, with both ends tapped for a M16 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
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<tr>
<td>Drilled (Size, @ Location)</td>
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</tbody>
</table>

• Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
Primary: OETM12
Secondary: Drilled (size,@location)

Connector: CS10M12

Gusset: Section 3-8

Machining:
Primary: CTL
Secondary: CTL

Connector: GS60W
Metric Aluminum Profiles

Part ID: 80x80-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has eight 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 5.34 kg/m
- Surface Area 19.79 cm²
- Length 6 Meters
- Moment of inertia $I_x = 135.07 \text{ cm}^4$
- Inertia $I_y = 135.07 \text{ cm}^4$

Machine Call-out

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<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM8</td>
</tr>
<tr>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
</tr>
<tr>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
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<tr>
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</tbody>
</table>

Please contact Framing Tech for additional machining operations

Assembly Options:

Connection Screw: Section 3-2

Machining:
Primary: OETM8  
Secondary: Drilled (size,@Location)

Connector: CS08M8

Tilt Connector: Section 3-30

Machining:
Primary: OETM8  
Secondary: CTL

Connector: TCB40-08
## Part ID: 80x80-08H/6m

### Features:
- Heavy duty
- Thick walled profile ideal for material shuttles, table frames, and machine guarding.
- Has eight 8mm T-slots.
- Center-bores are for M8.

### Technical Specifications:
- **Material**: 6063-T6 Aluminum  
- **Finish**: Clear Anodized  
- **Weight**: 7.19 kg/m  
- **Surface Area**: 26.61 cm²  
- **Length**: 6 Meters  
- **Moment of Inertia**:
  - $I_x = 188.22 \text{ cm}^4$  
  - $I_y = 188.22 \text{ cm}^4$

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<tr>
<td>OETM8</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM8</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
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<td>Cut to specified length, drilled for specified size and location(s) needed</td>
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</table>

- Please contact Framing Tech for additional machining operations

### Assembly Options:

#### Connection Screw: Section 3-2
- **Machining**:
  - Primary: OETM8  
  - Secondary: Drilled (size,@Location)
- **Connector**: CS08M8

#### Gusset: Section 3-6
- **Machining**:
  - Primary: CTL  
  - Secondary: CTL
- **Connector**: GS40-08W
Metric Aluminum Profiles

Part ID: 80x160-08/6m

Features:
- Medium duty
- Profile ideal for material shuttles, table frames, and machine guarding.
- Has twelve 8mm T-slots.
- Center-bores are for M8.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 10.08 kg/m
- Surface Area: 37.32 cm²
- Length: 6 Meters
- Moment of Inertia: \( I_x = 266.09 \text{ cm}^4 \)
- Inertia: \( I_y = 903.76 \text{ cm}^4 \)

**Machine Call-out**

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</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
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</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw:** Section 3-2

**Machining:**
- Primary: OETM8
- Secondary: Drilled (size, @Location)

**Connector:** CS08M8

**Tilt Connector:** Section 3-30

**Machining:**
- Primary: OETM8
- Secondary: CTL

**Connector:** TCB40-08

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**Part ID: 80x160-08H/6m**

**Features:**
- Heavy duty
- Thick walled profile ideal for strong rigid table frames, and machine guarding.
- Has twelve 8mm T-slots.
- Center-bores are for M8.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 13.49 kg/m
- Surface Area: 49.95 cm²
- Length: 6 Meters
- Moment of Inertia (x): 361.68 cm⁴
- Moment of Inertia (y): 1228.00 cm⁴

**Machine Call-out**

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<td>Cut to specified length, with both ends tapped for a M8 thread</td>
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- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw: Section 3-2**
- Machining:
  - Primary: OETM8
  - Secondary: Drilled (size, @ Location)
- Connector: CS08M8

**Gusset: Section 3-6**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS40-08W
Part ID: 80x80-10/6m

Features:
- Heavy duty
- Profile ideal for frames that have heavy-duty applications, machine bases, and guardings.
- Has eight 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material 6063-T6 Aluminum
- Finish Clear Anodized
- Weight 4.90 kg/m
- Surface Area 18.20 cm²
- Length 6 Meters
- Moment of inertia \( I_x = 132.10 \text{ cm}^4 \)
- Inertia \( I_y = 132.10 \text{ cm}^4 \)

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<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
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<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
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*Please contact Framing Tech for additional machining operations*

Assembly Options:

**Quick Connector:** Section 3-1

Machining:
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset:** Section 3-6

Machining:
- Primary: CTL
- Secondary: CTL

**Connector:** GS4080-10W
Part ID: 90x90L/6m

Features:
- Medium duty
- Lighter weight profile ideal for table frames, machine guarding, and enclosures.
- Has eight 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 6.29 kg/m
- Surface Area: 23.30 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 208.62 \text{ cm}^4$
- Inertia: $I_y = 208.62 \text{ cm}^4$

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- Please contact Framing Tech for additional machining operations

Assembly Options:

Quick Connector: Section 3-1
- Machining:
  - Primary: OED17
  - Secondary: CTL
- Connector: QC10H or QC10V

Gusset: Section 3-9
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: GS90W
1-70
Metric Aluminum Profiles

Part ID: 90x90/6m

Features:
- Medium duty
- Profile ideal for strong and rigid frames, machine guarding, and enclosures.
- Has eight 10mm T-slots.
- Counter-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 6.30 kg/m
- Surface Area: 23.5 cm²
- Length: 6 meters
- Moment of Inertia (x): 211.10 cm⁴
- Moment of Inertia (y): 211.10 cm⁴

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbores (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw: Section 3-2**
Machining:
Primary: OETM12
Secondary: Drilled (size,@location)
Connector: CS10M12

**Gusset: Section 3-9**
Machining:
Primary: CTL
Secondary: CTL
Connector: GS90W
Part ID: 90x90H/6m

Features:
- Heavy duty
- Profile ideal for extra strong rigid frames, machine guarding, and enclosures.
- Has eight 10mm T-slots.
- Counter-bore is for M16.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 10.37 kg/m
- Surface Area: 39.43 cm²
- Length: 6 Meters
- Moment of Inertia \( I_x = 299.80 \text{ cm}^4 \)
- Inertia \( I_y = 299.80 \text{ cm}^4 \)

Machine Call-out

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<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM16</td>
<td>Cut to specified length, with one end tapped for a M16 thread</td>
</tr>
<tr>
<td>BETM16</td>
<td>Cut to specified length, with both ends tapped for a M16 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1

Machining:
- Primary: OED17
- Secondary: CTL

**Connector:** QC10V or QC10H

**Gusset:** Section 3-4

Machining:
- Primary: CTL
- Secondary: CTL

**Connector:** GS90W
**Part ID: 90x90-4SA/6m**

**Features:**
- Heavy duty
- Profile with two adjacent smooth surfaces.
- Ideal for tables and machine guarding.
- Has four 10mm T-slots.
- Center-bores are for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 6.30 kg/m
- Surface Area: 23.35 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 217.04$ cm⁴
  $I_y = 217.56$ cm⁴

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (5.6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M12 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M12 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

* Please contact Framing Tech for additional machining operations

---

**Assembly Options:**

**Connection Screw: Section 3-2**

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@location)

**Connector:** CS10M12

**Gusset: Section 3-7**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS4590W
Part ID: 90x180/5.6m

Features:
- Heavy duty
- Profile ideal for table frames, and machine guarding.
- Has twelve 10mm T-slots.
- Center-bores are for M12.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 11.34 kg/m
- Surface Area: 41.99 cm²
- Length: 6 meters
- Moment of Inertia: 
  \[ I_x = 395.71 \text{ cm}^4 \]
  \[ I_y = 1368.11 \text{ cm}^4 \]

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (5.6 meters)
OETM12 | Cut to specified length, with one end tapped for a M12 thread
BETM12 | Cut to specified length, with both ends tapped for a M12 thread
OED17 | Cut to specified length, one end drilled for a 10mm T-slot quick connector (QC10)
BED17 | Cut to specified length, both ends drilled for a 10mm T-slot quick connector (QC10)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Connection Screw:** Section 3-2

**Machining:**
- Primary: OETM12
- Secondary: Drilled (size,@location)

**Connector:** CS10M12

**Gusset:** Section 3-7

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS4590W
**Metric Aluminum Profiles**

---

**Part ID: 11x201S/2m**

**Features:**
- Light duty
- Profile ideal for mounting light weight valves, switch boxes, limit switches.
- Has one 8mm T-slot.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.22 kg/m
- Surface Area: 1.01 cm²
- Length: 2 Meters
- Moment of Inertia: $I_{(x)} = 0.13 \text{ cm}^4$, $I_{(y)} = 0.52 \text{ cm}^4$

---

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
<th>Call-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (2 meters)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional machining operations*

---

**Assembly Options:**

**Quick Connector: Section 3-1**

- **Machining:**
  - Primary: OED11
  - Secondary: CTL
- **Connector:** QC08H or QC08V

**Gusset: Section 3-4**

- **Machining:**
  - Primary: CTL
  - Secondary: CTL
- **Connector:** GS20W
Part ID: 15x22.51S/3m

Features:
- Medium duty
- Profile ideal for mounting light or medium weight valves, switch boxes, limit switches.
- Has one 10mm T-slot.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.33 kg/m
- Surface Area: 1.21 cm²
- Length: 3 meters
- Moment of Inertia: 
  - Iₓ = 0.33 cm⁴
  - Iᵧ = 0.81 cm⁴

Assembly Options:
- Quick Connector: Section 3-1
  - Machining: Primary: OED17, Secondary: CTL
  - Connector: QC10H or QC10V
- Gusset: Section 3-7
  - Machining: Primary: CTL, Secondary: CTL
  - Connector: GS45W

Machine Call-out

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (3 meters)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations
### Metric Aluminum Profiles

#### Part ID: 22.5x45/6m

**Features:**
- Medium duty
- Profile ideal for rails and panel mounting frames in partitions.
- Has two 10mm T-slots.
- Center-bore is for M12.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.22 kg/m
- Surface Area: 4.51 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 6.81 \text{ cm}^4$
- Inertia: $I_y = 2.84 \text{ cm}^4$

#### Machine Call-out

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td>OETM12</td>
<td>Cut to specified length, with one end tapped for a M8 thread</td>
</tr>
<tr>
<td>BETM12</td>
<td>Cut to specified length, with both ends tapped for a M8 thread</td>
</tr>
<tr>
<td>OED17</td>
<td>Cut to specified length, one end drilled for a 8mm T-slot quick connector (QC08)</td>
</tr>
<tr>
<td>BED17</td>
<td>Cut to specified length, both ends drilled for a 8mm T-slot quick connector (QC08)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
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</tbody>
</table>

- Please contact Framing Tech for additional machining operations

**Assembly Options:**

**Connection Screw: Section 3-2**

Machining:
- Primary: OETM12
- Secondary: Drilled (size,@Location)

Connector: CS10M12

**Quick Connector: Section 3-1**

Machining:
- Primary: OED17
- Secondary: CTL

Connector: QC10H or QC10V
Part ID: 5050T1/6m

Features:
- Profile fits over 45x45, 45x452S, 45x452SA, and 45x453S profiles to create telescoping sleeve.
- Profile ideal for telescoping legs.
- Has one alignment tab.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.10 kg/m
- Surface Area: 4.07 cm²
- Length: 6 meters
- Moment of Inertia: $I_x = 14.64 \text{ cm}^4$
- Inertia: $I_y = 15.30 \text{ cm}^4$

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<td>Cut to specified length, from 30 mm to full stick (6 meters)</td>
</tr>
<tr>
<td></td>
<td>• Please contact Framing Tech for additional machining operations</td>
</tr>
</tbody>
</table>

www.FramingTech.com  Call: 585.464.8470  E-mail: Sales@FramingTech.com
Part ID: CH45/6m

Features:
- Profile is compatible with the 45mm series profiles.
- Profile ideal for TV/monitor display holders, or for a swing arm.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.29 kg/m
- Surface Area: 7.06 cm²
- Length: 6 meters
- Moment of Inertia:
  - \( I_x = 6.28 \, \text{cm}^4 \)
  - \( I_y = 35.22 \, \text{cm}^4 \)

Machine Call-out

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<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining operations
Part ID: C30x45/5.6m

Features:
- Designed as a sliding door track/rail, for “Barn-style” doors.
- Profile can also be utilized as a cantilevered tool holder for workstations.
- Has one 10mm T-slot, and one 10mm track.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.23 kg/m
- Surface Area: 4.38 cm²
- Length: 5.6 meters
- Moment of Inertia:
  - \( I_x = 10.33 \text{ cm}^4 \)
  - \( I_y = 5.60 \text{ cm}^4 \)

Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, from 30 mm to full stick (5.6 meters)
  - Please contact Framing Tech for additional machining operations

Assembly Options:

Quick Connector: Section 3-1
Machining:
Primary: OED17
Secondary: CTL
Connector: QC10H or QC10V

Gusset: Section 3-7
Machining:
Primary: CTL
Secondary: CTL
Connector: GS45W
1-80
Metric Aluminum Profiles

Part ID: 45x45SD/6m

Features:
- Profile is designed for sliding panel doors.
- Ideal for panel thickness from 6mm to 10mm or 1/4 inch to 3/8 inch.
- Door can be made removable with the slide door guide insert.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.87 kg/m (1.258 lbs/ft)
- Surface Area: 6.93 cm²
- Length: 6 meters (236 in) (19.68 ft)
- Moment of Inertia: 
  \[ I_x = 16.23 \text{ cm}^4 \]
  \[ I_y = 12.04 \text{ cm}^4 \]

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 30 mm to full stick (6 meters)
SDGI11 | Slide door guide insert, 3/8 inch x 3/4 inch HDPE (1 meter)

- Please contact Framing Tech for additional machining operations

Assembly Options:

**Quick Connector:** Section 3-1

**Machining:**
- Primary: OED17
- Secondary: CTL

**Connector:** QC10H or QC10V

**Gusset:** Section 3-7

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** GS45W
Part ID: MF10/6m

Features:
- Mesh frame is ideal for making removable wire mesh panels used in guarding applications
- Must be used in conjunction with mesh frame corners (MFCE and MFCI)
- To mount completed mesh frames use uniblocks, or screws and T-nuts

Technical Specifications:
- Material: 6063 Aluminum
- Finish: Anodized
- Color: Black
- Weight: 0.39 kg / meter
- Length: 6 Meters
- Moment of Inertia \( l_{(x)} = 1.12 \text{ cm}^4 \)
- Moment of Inertia \( l_{(y)} = 0.20 \text{ cm}^4 \)

<table>
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<tr>
<th>Machining</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 30 mm to full stick (2 meters)</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Part ID: 1.0x1.0/240in

Features:
- Light duty
- Profile ideal for small frames.
- Has four 0.26 inch T-slots
- Center-bore is for an 1/4-20 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.548 lbs/ft
- Surface Area: 0.457 in$^2$
- Length: 240 in (20 ft)
- Moment of Inertia $I_x = 0.46$ in$^4$
- Moment of Inertia $I_y = 0.46$ in$^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, sizes from 1 inch to full stick (240 inches)
OET1/4-20 | Cut to specified length, one end tapped for an 1/4-20 thread
BET1/4-20 | Cut to specified length, both ends tapped for an 1/4-20 thread
OEM9/16 | Cut to specified length, one end milled for a 0.26 inch T-slot connector (UF26)
BEM9/16 | Cut to specified length, both ends milled for a 0.26 inch T-slot connector (UF26)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining options

Assembly Options:

Connection Screw: Section 3-2
Machining:
Primary: Drilled (Size, Location)
Secondary: OET1/4-20
Connector: CS26-1/4-20

Corner Bracket: Section 3-13
Machining:
Primary: CTL
Secondary: CTL
Connector: CB26W
2-2
Inch Aluminum Profiles

**Part ID: 1.0x1.0QR/240in**

**Features:**
- Light duty
- Profile with a radius corner ideal for sign frames and display cases.
- Has two 0.26 inch T-slots
- Center-bore is for a 1/4-20 tap.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.567 lbs/ft
- Surface Area: 0.473 in²
- Length: 240 in (20 ft)
- Moment of Inertia: 
  - $I_x = 0.44$ in⁴
  - $I_y = 0.44$ in⁴

**Machine Call-out**

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</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET1/4-20</td>
<td>Cut to specified length, with one end tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>BET1/4-20</td>
<td>Cut to specified length, with both ends tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

**Assembly Options:**

**Corner Bracket:** Section 3-18

**Machining:**
- Primary: OET1/4-20
- Secondary: OET1/4-20

**Connector:** CBR26

**Gusset:** Section 3-15

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** CG26W
Part ID: 1.0x1.01S/240in

Features:
- Light duty
- Profile ideal for small frames.
- Has three 0.26 inch T-slots
- Center-bore is for an 1/4-20 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.548 lbs/ft
- Surface Area: 0.457 in²
- Length: 240 in (20ft)
- Moment of Inertia: $I_x = 0.46$ in⁴

Machine Call-out | Machining Description (Ordering Options)
---|---
CTL | Cut to specified length, sizes from 1 inch to full stick (240 inches)
OET1/4-20 | Cut to specified length, one end tapped for an 1/4-20 thread
BET1/4-20 | Cut to specified length, both ends tapped for an 1/4-20 thread
OEM9/16 | Cut to specified length, one end milled for a 0.26 inch T-slot connector (UF26)
BEM9/16 | Cut to specified length, both ends milled for a 0.26 inch T-slot connector (UF26)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining options

Assembly Options:

**Connection Screw: Section 3-2**

Machining:
- Primary: Drilled (Size, Location)
- Secondary: OET1/4-20

Connector: CS26-1/4-20

**Corner Bracket: Section 3-13**

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CB26W
2-4

Inch Aluminum Profiles

Part ID: 1.0x1.02S/240in

Features:
- Light duty
- Profile with two opposite smooth sides.
- Has two opposite 0.26 inch T-slots
- Center-bore is for a 1/4-20 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.605 lbs/ft
- Surface Area: 0.473 in²
- Length: 240 in (20 ft)
- Moment of Inertia: 
  - \( I_x = 0.044 \text{ in}^4 \)
  - \( I_y = 0.054 \text{ in}^4 \)

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 1 inch to full stick (240 inches)
OET1/4-20 | Cut to specified length, with one end tapped for a 1/4-20 thread
BET1/4-20 | Cut to specified length, with both ends tapped for a 1/4-20 thread
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

* Please contact Framing Tech, for additional machining options

Assembly Options:

**Corner Bracket: Section 3-18**

**Machining:**
- Primary: OET1/4-20
- Secondary: OET1/4-20

**Connector:** CBR26

**Gusset: Section 3-15**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** CG26W

www.FramingTech.com  Call: 585.464.8470  E-mail: Sales@FramingTech.com
Part ID: 1.0x1.02SA/240in

Features:
- Light duty
- Profile ideal for small frame corners and edges.
- Has two adjacent 0.26 inch T-slots
- Center-bore is for an 1/4-20 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.548 lbs/ft
- Surface Area: 0.457 in²
- Length: 240 in (20ft)
- Moment of Inertia (x): 0.46 in⁴
- Moment of Inertia (y): 0.46 in⁴

Machine Call-out

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<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, sizes from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET1/4-20</td>
<td>Cut to specified length, one end tapped for an 1/4-20 thread</td>
</tr>
<tr>
<td>BET1/4-20</td>
<td>Cut to specified length, both ends tapped for an 1/4-20 thread</td>
</tr>
<tr>
<td>OEM9/16</td>
<td>Cut to specified length, one end milled for a 0.26 inch T-slot connector (UF26)</td>
</tr>
<tr>
<td>BEM9/16</td>
<td>Cut to specified length, both ends milled for a 0.26 inch T-slot connector (UF26)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining options

Assembly Options:

**Connection Screw: Section 3-2**
- Machining:
  - Primary: Drilled (Size, Location)
  - Secondary: OET1/4-20
- Connector: CS26-1/4-20

**Corner Bracket: Section 3-13**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: CB26W
2-6
Inch Aluminum Profiles

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
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</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET1/4-20</td>
<td>Cut to specified length, with one end tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>BET1/4-20</td>
<td>Cut to specified length, with both ends tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

**Part ID: 1.0x1.03S/240in**

**Features:**
- Light duty
- Profile with 1 smooth side ideal for sign frames and display cases.
- Has three 0.26 inch T-slots
- Center-bore is for a 1/4-20 tap.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.572 lbs/ft
- Surface Area: 0.473 in²
- Length: 240 in (20 ft)
- Moment of Inertia: $I_x = 0.046 \text{ in}^4$
- Inertia: $I_y = 0.051 \text{ in}^4$

**Assembly Options:**

**Corner Bracket: Section 3-18**

**Machining:**
- Primary: OET1/4-20
- Secondary: OET1/4-20

**Connector: CBR26**

**Gusset: Section 3-15**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector: CG26W**

www.FramingTech.com Call: 585.464.8470 E-mail: Sales@FramingTech.com
Part ID: 1.0x2.0/240in

Features:
- Medium duty
- Profile ideal for small frames, and safety guarding.
- Has six 0.26 inch T-slots
- Center-bores are for an 1/4-20 taps.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.989 lbs/ft
- Surface Area: 0.824 in$^2$
- Length: 240 in (20 ft)
- Moment of Inertia $I_x = 0.09$ in$^4$
- Moment of Inertia $I_y = 0.32$ in$^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, sizes from 1 inch to full stick (240 inches)
OET1/4-20 | Cut to specified length, one end tapped for an 1/4-20 thread
BET1/4-20 | Cut to specified length, both ends tapped for an 1/4-20 thread
OEM9/16 | Cut to specified length, one end milled for a 0.26 inch T-slot connector (UF26)
BEM9/16 | Cut to specified length, both ends milled for a 0.26 inch T-slot connector (UF26)
C-bore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech for additional machining options

Assembly Options:

**Connection Screw: Section 3-2**

Machining:
- Primary: Drilled (Size, Location)
- Secondary: OET1/4-20

**Connector: CS26-1/4-20**

**Corner Bracket: Section 3-4**

Machining:
- Primary: CTL
- Secondary: CTL

**Connector: CB26W**
Chosen is 【26】 2-8  Inch Aluminum Profiles

Part ID: 1.0x3.0/240in

Features:
- Light duty
- Profile with a radius corner ideal for sign frames and display cases.
- Has eight 0.26 inch T-slots
- Center-bore is for a 1/4-20 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 0.567 lbs/ft
- Surface Area: 0.473 in²
- Length: 240 in (20 ft)
- Moment of Inertia $I_X = 0.44$ in⁴
- Moment of Inertia $I_Y = 0.44$ in⁴

Machine Call-out

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET1/4-20</td>
<td>Cut to specified length, with one end tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>BET1/4-20</td>
<td>Cut to specified length, with both ends tapped for a 1/4-20 thread</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Corner Bracket: Section 3-18**

Machining:
Primary: OET1/4-20
Secondary: OET1/4-20

**Connector:** CBR26

**Gusset: Section 3-15**

Machining:
Primary: CTL
Secondary: CTL

**Connector:** CG26W
Part ID: 2.0x2.0/240in

Features:
- Medium duty
- Profile ideal for small safety guarding, enclosures, and machine frames.
- Has eight 0.26 inch T-slots
- Center-bores are for a 1/4-20 taps.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.466 lbs/ft
- Surface Area: 1.222 in²
- Length: 240 in (20 ft)
- Moment of Inertia (X): 0.58 in⁴
- Moment of Inertia (Y): 0.58 in⁴

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, sizes from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET1/4-20</td>
<td>Cut to specified length, one end tapped for an 1/4-20 thread</td>
</tr>
<tr>
<td>BET1/4-20</td>
<td>Cut to specified length, both ends tapped for an 1/4-20 thread</td>
</tr>
<tr>
<td>OEM9/16</td>
<td>Cut to specified length, one end milled for a 0.26 inch T-slot connector (UF26)</td>
</tr>
<tr>
<td>BEM9/16</td>
<td>Cut to specified length, both ends milled for a 0.26 inch T-slot connector (UF26)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Connection Screw:** Section 3-2

- Machining: Primary: Drilled (Size, Location)  Secondary: OET1/4-20
- Connector: CS26-1/4-20

**Gusset:** Section 3-15

- Machining: Primary: CTL  Secondary: CTL
- Connector: CG26W
**Part ID: 1.5x1.5/240in**

**Features:**
- Medium duty
- Profile ideal for safety guarding, machine frames, and enclosures.
- Has four 0.32 inch T-slots
- Center-bore is for a 5/16-18 tap.

**Technical Specifications:**
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.110 lbs/ft
- Surface Area: 0.925 in²
- Length: 240 in (20 ft)
- Moment of Inertia:
  - $I_x = 0.194$ in⁴
  - $I_y = 0.194$ in⁴

**Machine Call-out**

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, sizes from 1 inch to full stick (144 inches)</td>
</tr>
<tr>
<td>OET5/16-18</td>
<td>Cut to specified length, one end tapped for an 5/16-18 thread</td>
</tr>
<tr>
<td>BET5/16-18</td>
<td>Cut to specified length, both ends tapped for an 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>C bore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional machining options

**Assembly Options:**

**Connection Screw: Section 3-2**

<table>
<thead>
<tr>
<th>Machining:</th>
<th>Connector: CS32-5/16-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary: Drilled (Size, Location)</td>
<td></td>
</tr>
<tr>
<td>Secondary: OET5/16-18</td>
<td></td>
</tr>
</tbody>
</table>

**Corner Bracket: Section 3-4**

<table>
<thead>
<tr>
<th>Machining:</th>
<th>Connector: CB32W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary: CTL</td>
<td></td>
</tr>
<tr>
<td>Secondary: CTL</td>
<td></td>
</tr>
</tbody>
</table>
Part ID: 1.5x1.5H/240in

Features:
- Heavy duty
- Profile ideal for safety frames, and machine guarding, and enclosures.
- Has four 0.32 inch T-slots
- Center-bore is for a 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.438 lbs/ft
- Surface Area: 1.198 in²
- Length: 240 in (20 ft)
- Moment of Inertia: $I_x = 0.27$ in⁴, $I_y = 0.27$ in⁴

### Machine Call-out vs. Machining Description (Ordering Options)

<table>
<thead>
<tr>
<th>Machining Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET5/16-18</td>
<td>Cut to specified length, with one end tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>BET5/16-18</td>
<td>Cut to specified length, with both ends tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

---

**Assembly Options:**

**Corner Bracket: Section 3-18**

**Machining:**
- Primary: OET5/16-18
- Secondary: OET5/16-18

**Connector:** CBR32

**Gusset: Section 3-16**

**Machining:**
- Primary: CTL
- Secondary: CTL

**Connector:** CG32W
Part ID: 1.5x1.5QR/240in

Features:
- Medium duty
- Profile with a radius corner ideal for frames, and machine guarding.
- Has two 0.32 inch T-slots
- Center-bore is for a 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.055 lbs/ft
- Surface Area: 0.879 in²
- Length: 240 in (20 ft)
- Moment of Inertia: \( I_x = 0.172 \text{ in}^4 \)
- \( I_y = 0.172 \text{ in}^4 \)

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 1 inch to full stick (240 inches)
OET5/16-18 | Cut to specified length, with one end tapped for a 5/16-18 thread
BET5/16-18 | Cut to specified length, with both ends tapped for a 5/16-18 thread
OEM13/16 | Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)
BEM13/16 | Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Connection Screw: Section 3-2**

Machining:
- Primary: Drilled (Size, Location)
- Secondary: OET5/16-18

Connector: CS32-5/16-18

**Corner Bracket: Section 3-14**

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CB32W
Part ID: 1.5x1.51S/240in

Features:
- Heavy duty
- Profile ideal for safety frames, and machine guarding, and enclosures.
- Has one 0.32 inch T-slots
- Center-bore is for an 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.438 lbs/ft
- Surface Area: 1.198 in²
- Length: 240 in (20 ft)
- Moment of Inertia: $I_x = 0.27$ in⁴, $I_y = 0.27$ in⁴

Machine Call-out & Machining Description (Ordering Options):

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET5/16-18</td>
<td>Cut to specified length, with one end tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>BET5/16-18</td>
<td>Cut to specified length, with both ends tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech, for additional machining options

Assembly Options:

**Corner Bracket: Section 3-18**
- Machining:
  - Primary: OET5/16-18
  - Secondary: OET5/16-18
- Connector: CBR32

**Gusset: Section 3-16**
- Machining:
  - Primary: CTL
  - Secondary: CTL
- Connector: CG32W
Part ID: 1.5x1.52S/240in

Features:
- Medium duty
- Profile with two sides opposite each other.
- Ideal for guarding and doors.
- Has two 0.32 inch T-slots
- Center-bore is for a 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.055 lbs/ft (1.57 kg/m)
- Surface Area: 0.879 in²
- Length: 240 in (20 ft) (6 meters)
- Moment of Inertia
  - $I_x = 0.172 \text{ in}^4$
  - $I_y = 0.172 \text{ in}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CTL</strong></td>
</tr>
<tr>
<td><strong>OET5/16-18</strong></td>
</tr>
<tr>
<td><strong>BET5/16-18</strong></td>
</tr>
<tr>
<td><strong>OEM13/16</strong></td>
</tr>
<tr>
<td><strong>BEM13/16</strong></td>
</tr>
<tr>
<td><strong>Cbore (Size, @ Location)</strong></td>
</tr>
<tr>
<td><strong>Drilled (Size, @ Location)</strong></td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Connection Screw: Section 3-2**

- **Machining:**
  - Primary: Drilled (Size, Location)
  - Secondary: OET5/16-18

- **Connector:** CS32-5/16-18

**Corner Bracket: Section 3-14**

- **Machining:**
  - Primary: CTL
  - Secondary: CTL

- **Connector:** CB32W
Part ID: 1.5x1.52SA/240in

Features:
- Heavy duty
- Profile ideal for corners and edges of safety frames, machine guarding, and enclosures.
- Has two adjacent 0.32 inch T-slots
- Center-bore is for an 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.438 lbs/ft
- Surface Area: 1.198 in²
- Length: 240 in (20 ft)
- Moment of Inertia \( I_x = 0.27 \text{ in}^4 \)
- Moment of Inertia \( I_y = 0.27 \text{ in}^4 \)

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET5/16-18</td>
<td>Cut to specified length, with one end tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>BET5/16-18</td>
<td>Cut to specified length, with both ends tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

Corner Bracket: Section 3-18

Machining:
- Primary: OET5/16-18
- Secondary: OET5/16-18

Connector: CBR32

Gusset: Section 3-16

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CG32W
Part ID: 1.5x1.53S/240in

Features:
- Medium duty
- Profile with one smooth side ideal for guarding and doors.
- Has two 0.32 inch T-slots
- Center-bore is for a 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 1.055 lbs/ft (1.57 kg/m)
- Surface Area: 0.879 in²
- Length: 240 in (20 ft) (6 meters)
- Moment of Inertia:
  - $I_x = 0.172$ in⁴
  - $I_y = 0.172$ in⁴

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OETS/16-18</td>
<td>Cut to specified length, with one end tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>BETS/16-18</td>
<td>Cut to specified length, with both ends tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: Drilled (Size, Location)
- Secondary: OETS/16-18

Connector: CS32-5/16-18

Corner Bracket: Section 3-14

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CB32W
Part ID: 1.5x3.0/240in

Features:
- Medium duty
- Profile ideal for machine frames, enclosures, and guarding.
- Has six 0.32 inch T-slots
- Center-bores are for an 5/16-18 taps.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.119 lbs/ft
- Surface Area: 1.766 in²
- Length: 240 in (20 ft)
- Moment of Inertia: $I_x = 0.41 \text{ in}^4$
  $I_y = 1.43 \text{ in}^4$

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 1 inch to full stick (240 inches)
OET5/16-18 | Cut to specified length, with one end tapped for a 5/16-18 thread
BET5/16-18 | Cut to specified length, with both ends tapped for a 5/16-18 thread
OEM13/16 | Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)
BEM13/16 | Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Universal Fastener: Section 3-3**

- Machining: Primary: OEM13/16 Secondary: CTL
- Connector: UF32

**Gusset: Section 3-16**

- Machining: Primary: CTL Secondary: CTL
- Connector: GS32W
Part ID: 1.5x3.0H/240in

Features:
- Heavy duty
- Profile ideal for machine frames, enclosures, and perimeter guarding.
- Has six 0.32 inch T-slots
- Center-bores are for a 5/16-18 taps.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 2.586 lbs/ft
- Surface Area: 2.155 in²
- Length: 240 in (20 ft)
- Moment of Inertia (X): 0.50 in⁴
- Moment of Inertia (Y): 1.88 in⁴

Machine Call-out

<table>
<thead>
<tr>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
</tr>
<tr>
<td>OET5/16-18</td>
</tr>
<tr>
<td>BET5/16-18</td>
</tr>
<tr>
<td>OEM13/16</td>
</tr>
<tr>
<td>OEM13/16</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
</tr>
</tbody>
</table>

Assembly Options:

**Connection Screw: Section 3-2**

**Machining:**
Primary: Drilled (Size, Location)
Secondary: OET5/16-18

**Connector:** CS32-5/16-18

**Corner Bracket: Section 3-14**

**Machining:**
Primary: CTL
Secondary: CTL

**Connector:** CB32W
Part ID: 1.5x4.5/240in

Features:
- Heavy duty
- Profile ideal for strong ridged frames, heavy duty workstations, and guarding.
- Has eight 0.32 inch T-slots
- Center-bores are for a 5/16-18 taps.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 3.74 lbs/ft
- Surface Area: 3.113 in²
- Length: 240 in (20 ft)
- Moment of Inertia $I_x = 0.74$ in⁴
- Moment of Inertia $I_y = 5.90$ in⁴

Machine Call-out | Machining Description (Ordering Options)
--- | ---
CTL | Cut to specified length, from 1 inch to full stick (240 inches)
OET5/16-18 | Cut to specified length, with one end tapped for a 5/16-18 thread
BET5/16-18 | Cut to specified length, with both ends tapped for a 5/16-18 thread
OEM13/16 | Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)
BEM13/16 | Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)
Cbore (Size, @ Location) | Cut to specified length, counter-bore for specified size and location(s) needed
Drilled (Size, @ Location) | Cut to specified length, drilled for specified size and location(s) needed

- Please contact Framing Tech, for additional machining options

Assembly Options:

**Universal Fastener: Section 3-3**

- **Machining:** Primary: OEM13/16  Secondary: CTL
- **Connector:** UF32

**Gusset: Section 3-16**

- **Machining:** Primary: CTL  Secondary: CTL
- **Connector:** CG32W
Part ID: 3.0x3.0/240in

Features:
- Heavy duty
- Profile ideal for strong rigid frames, heavy duty workstations, and enclosures.
- Has eight 0.32 inch T-slots
- Center-bores are for a 5/16-18 tap.

Technical Specifications:
- Material: 6063-T6 Aluminum
- Finish: Clear Anodized
- Weight: 4.027 lbs/ft
- Surface Area: 3.356 in²
- Length: 240 in (20 ft)
- Moment of Inertia: $I_x = 3.38 \text{ in}^4$
- Inertia: $I_y = 3.38 \text{ in}^4$

Machine Call-out

<table>
<thead>
<tr>
<th>Machine Call-out</th>
<th>Machining Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL</td>
<td>Cut to specified length, from 1 inch to full stick (240 inches)</td>
</tr>
<tr>
<td>OET5/16-18</td>
<td>Cut to specified length, with one end tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>BET5/16-18</td>
<td>Cut to specified length, with both ends tapped for a 5/16-18 thread</td>
</tr>
<tr>
<td>OEM13/16</td>
<td>Cut to specified length, one end milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>BEM13/16</td>
<td>Cut to specified length, both ends milled for a 0.32 inch T-slot connector (UF32)</td>
</tr>
<tr>
<td>Cbore (Size, @ Location)</td>
<td>Cut to specified length, counter-bore for specified size and location(s) needed</td>
</tr>
<tr>
<td>Drilled (Size, @ Location)</td>
<td>Cut to specified length, drilled for specified size and location(s) needed</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech, for additional machining options

Assembly Options:

Connection Screw: Section 3-2

Machining:
- Primary: Drilled (Size, Location)
- Secondary: OET5/16-18

Connector: CS32-5/16-18

Corner Bracket: Section 3-14

Machining:
- Primary: CTL
- Secondary: CTL

Connector: CB32W
Quick Connector

Features:
- Metric profile connector
- Versatile connector allowing adjustability while providing high strength connection.

Tools Required:
- 4mm hex wrench for a QC08
- 6mm hex wrench for a QC10

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Weight: QC08 = 10 g
  QC10 = 13 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QC08H</td>
<td>8mm T-slot for horizontal access, includes an 8mm T-bolt &amp; 11mm barrel</td>
</tr>
<tr>
<td>QC08V</td>
<td>8mm T-slot for vertical access, includes an 8mm T-bolt &amp; 11mm barrel</td>
</tr>
<tr>
<td>QC0810H</td>
<td>8mm T-slot for horizontal access, includes a 10mm T-bolt &amp; 11mm barrel</td>
</tr>
<tr>
<td>QC0810V</td>
<td>8mm T-slot for vertical access, includes a 10mm T-bolt &amp; 11mm barrel</td>
</tr>
<tr>
<td>QC10H</td>
<td>10mm T-slot for horizontal access, includes a 10mm T-bolt &amp; 17mm barrel</td>
</tr>
<tr>
<td>QC10V</td>
<td>10mm T-slot for vertical access, includes an 10mm T-bolt &amp; 17mm barrel</td>
</tr>
</tbody>
</table>

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Installation:

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Profile Connectors

### Connection Screws

#### Features:
- Metric and inch profile connectors
- Inexpensive connection method to facilitate fast assembly.

#### Machining Required:
- Tapped hole (standard center-bore(s))
- Drilled access hole in joining

#### Technical Specifications:
- Material: Steel
- Finish: Zinc Plated or Black Oxide

#### Part ID | Description (Ordering Options)
---|---
CS06M6 | Connection screw for 6mm T-slot profile, M6 thread, use 4mm hex wrench
CS061/4-20 | Connection screw for 6mm T-slot profile, 1/4”-20 thread, use 5/32” hex wrench
CS08M8 | Connection screw for 8mm T-slot profile, M8 thread, use 5mm hex wrench
CS085/16-18 | Connection screw for 8mm T-slot profile, 5/16”-18 thread, use 3/16” hex wrench
CS08S8HEX | Self-tap connection screw for 8mm T-slot profile, M8 thread, use 5mm hex wrench
CS08S8TH | Self-tap connection screw for 8mm T-slot profile, M8 thread, use 5mm torx wrench
CS10M12 | Connection screw for 10mm T-slot profile, M12 thread, use 8mm hex wrench
CS10S12HEX | Self-tap connection screw for 10mm T-slot profile, M12 thread, use 8mm hex wrench
CS10S12TH | Self-tap connection screw for 10mm T-slot profile, M12 thread, use 8mm torx wrench
CS26-1/4-20 | Connection screw for 0.26” T-slot profile, 1/4”-20 thread with “butterfly” clip
CS32-5/16-18 | Connection screw for 0.32” T-slot profile, 5/16”-18 thread with “butterfly” clip
DCS26-1/4-20 | Connection screw for 0.26” T-slot profile, with two 1/4”-20 threads on a longer “butterfly” clip
DCS32-5/16-18 | Connection screw for 0.26” T-slot profile, with two 5/16”-18 threads on a longer “butterfly” clip

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Universal Fasteners

Features:
- Inch profile connectors
- Referred as a “Banjo” or “Anchor” style connector.

Machining Required:
- For a 0.26” T-slot, OEM9/16 or BEM9/16”
- For a 0.32” T-slot, OEM13/16” or BEM13/16”

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Clear Lacquered or Zinc Plated

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF26</td>
<td>Connector for a 0.26” T-slot, includes a 10-32 socket head cap screw, and a T-nut (EN2610-32)</td>
</tr>
<tr>
<td>UF32</td>
<td>Connector for a 0.32” T-slot, includes a 5/16”-18 x 1.25” socket head cap screw, and a STN325/16-18 T-nut</td>
</tr>
<tr>
<td>UF32ZINC</td>
<td>0.32” T-slot, includes a 5/16”-18 x 1.25” socket head cap screw, and a STN325/16-18 T-nut</td>
</tr>
<tr>
<td>DUF32</td>
<td>0.32” T-slot, includes (2) 5/16”-18 x 1.25” socket head cap screw, and a DEN325/16-18 T-nut</td>
</tr>
</tbody>
</table>

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Tilt Connectors

**Features:**
- Metric profile connector
- Easy Use
- Body designed to prevent rotation of profile connection
- Grips into profile end for a strong connection
- 8mm T-slot profiles need M8 taps
- 10mm T-slot profiles needs no taps

**Technical Specifications:**
- Material: Steel
- Finish: Zinc Plated
- Color: Silver
- Weight: 50 - 60 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCB40-08</td>
<td>Tilt connector for 40mm profile with 8mm T-slot</td>
</tr>
<tr>
<td>TCB40-10</td>
<td>Tilt connector for 40mm profile with 10mm T-slot</td>
</tr>
<tr>
<td>TCB45-10</td>
<td>Tilt connector for 45mm profile with 10mm T-slot</td>
</tr>
</tbody>
</table>
Milling Connectors

Features:
- Metric and inch profile connectors
- Joins two profiles together without any machining
- Must be slid in from end and then tightened down for a fast and secure connection

Machining Required:
- Machining not needed

Technical Specifications:
- Material: Steel
- Finish: Zinc plated
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC08</td>
<td>Milling connector for an 8mm T-slot</td>
</tr>
<tr>
<td>MC10</td>
<td>Milling connector for a 10mm T-slot</td>
</tr>
<tr>
<td>MC32</td>
<td>Milling connector for a 0.32 inch T-slot</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC30</td>
<td>Bolt connector for a 30mm profile, includes hardware: (1) mounting saddle, (2) M4x25 Button Head Cap Screw, (2) T-nuts for specified size</td>
</tr>
<tr>
<td>BC45</td>
<td>Bolt connector for a 45mm profile, includes hardware: (1) mounting saddle, (2) M8x35 Button Head Cap Screw, (2) T-nuts for specified size, (2) nylon cover caps</td>
</tr>
<tr>
<td>BC60</td>
<td>Bolt connector for a 60mm profile, includes hardware: (1) mounting saddle, (2) M4x35 Button Head Cap Screw, (2) T-nuts for specified size, (2) nylon cover caps</td>
</tr>
<tr>
<td>BC90</td>
<td>Bolt connector for a 90mm profile, includes hardware: (1) mounting saddle, (2) M4x35 Button Head Cap Screw, (2) T-nuts for specified size (2) nylon cover caps</td>
</tr>
</tbody>
</table>

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**Bolt Connectors**

**Features:**
- Metric profile connectors
- Creates an extremely strong (vibration-proof) connection while still allowing repositioning.

**Machining Required:**
- 30mm profile need a 8mm thru hole 20mm back from profile edge
- 45mm and larger profiles need a 17mm thru hole 22.5mm back from profile edge.

**Technical Specifications:**
- Material: Steel (Bolts & Screws)
- Finish: Zinc Plated

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Connection Links

Features:
- Metric and inch profile connectors
- Allows a “Butt” connection for aluminum profiles beyond standard available lengths.

Machining Required:
- No machining required

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Weight: 300 g (0.66 lbs)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL08</td>
<td>Connection link for an 8mm or 0.32 inch T-slot, includes hardware: (4) M8x10 socket head cap screw, (4) M8 lock washers, and (4) M8 washers</td>
</tr>
<tr>
<td>CL10</td>
<td>Connection link for a 10mm T-slot, includes hardware: (4) M8x16 steel hex head cap screw, and (4) M8 fender washers</td>
</tr>
</tbody>
</table>

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Profile Connectors

20 Series Gussets

Features:
- Metric and inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 20 series profiles or 1 inch profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS20</td>
<td>20mm x 20mm gusset only</td>
</tr>
<tr>
<td>GS20CC</td>
<td>20mm x 20mm gusset cover cap only</td>
</tr>
<tr>
<td>GS20W</td>
<td>20mm x 20mm gusset with hardware (2) M4x8BHCS and (2) T-nuts for specified size(s)</td>
</tr>
<tr>
<td>GS20WC</td>
<td>20mm x 20mm gusset with hardware and a cover cap</td>
</tr>
<tr>
<td>GS2040</td>
<td>20mm x 40mm gusset only</td>
</tr>
<tr>
<td>GS2040CC</td>
<td>20mm x 40mm gusset cover cap only</td>
</tr>
<tr>
<td>GS2040W</td>
<td>20mm x 40mm gusset with hardware (4) M4x8BHCS and (4) T-nuts for specified size(s)</td>
</tr>
<tr>
<td>GS2040WC</td>
<td>20mm x 40mm gusset with hardware and a cover cap</td>
</tr>
</tbody>
</table>

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30 Series Gussets

Features:
- Metric profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 30 series profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS30</td>
<td>30mm x 30mm gusset only</td>
</tr>
<tr>
<td>GS30CC</td>
<td>30mm x 30mm gusset cover cap only</td>
</tr>
<tr>
<td>GS30W</td>
<td>30mm x 30mm gusset with hardware (2) M6x12LHCS and (2) T-nuts for specified size(s)</td>
</tr>
<tr>
<td>GS30WC</td>
<td>30mm x 30mm gusset with hardware and a cover cap</td>
</tr>
<tr>
<td>GS3060</td>
<td>30mm x 60mm gusset only</td>
</tr>
<tr>
<td>GS3060CC</td>
<td>30mm x 60mm gusset cover cap only</td>
</tr>
<tr>
<td>GS3060W</td>
<td>30mm x 60mm gusset with hardware (4) M6x12LHCS and (4) T-nuts for specified size(s)</td>
</tr>
<tr>
<td>GS3060WC</td>
<td>30mm x 60mm gusset with hardware and a cover cap</td>
</tr>
</tbody>
</table>

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### 40 Series Gussets

**Features:**
- Metric profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 40 or 45 series profiles.

**Machining Required:**
- Cut to length, no additional machining is required

**Technical Specifications:**
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

### Part ID | Description (Ordering Options)
--- | ---
GS40 | 40mm x 40mm gusset only
GS40CC | 40mm x 40mm gusset cover cap only
GS40-08W | 40mm x 40mm gusset with hardware (2) TB08M8x20 T-bolts and (2) M8 flange nuts
GS40-10W | 40mm x 40mm gusset with hardware (2) TB10M8x20 T-bolts and (2) M8 flange nuts
GS40-08WC | 40mm x 40mm gusset with 8mm hardware and a cover cap
GS40-10WC | 40mm x 40mm gusset with 10mm hardware and a cover cap
GS4080 | 40mm x 80mm gusset only
GS4080CC | 40mm x 80mm gusset cover cap only
GS4080-08W | 40mm x 80mm gusset with hardware (4) TB08M8x20 T-bolts and (4) M8 flange nuts
GS4080-10W | 40mm x 80mm gusset with hardware (4) TB10M8x20 T-bolts and (4) M8 flange nuts
GS4080-08WC | 40mm x 80mm gusset with 8mm hardware and a cover cap
GS4080-10WC | 40mm x 80mm gusset with 10mm hardware and a cover cap

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45 Series Gussets

Features:
- Metric profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 45 series profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS45</td>
<td>45mm x 45mm gusset only</td>
</tr>
<tr>
<td>GS45CC</td>
<td>45mm x 45mm gusset cover cap only</td>
</tr>
<tr>
<td>GS45W</td>
<td>45mm x 45mm gusset with hardware (2) M8x25 T-bolts and (2) M8 flange nuts</td>
</tr>
<tr>
<td>GS45WC</td>
<td>45mm x 45mm gusset with hardware and a cover cap</td>
</tr>
<tr>
<td>GS4590</td>
<td>45mm x 90mm gusset only</td>
</tr>
<tr>
<td>GS4590CC</td>
<td>45mm x 90mm gusset cover cap only</td>
</tr>
<tr>
<td>GS4590W</td>
<td>45mm x 90mm gusset with hardware (4) M8x25 T-bolts and (4) M8 flange nuts</td>
</tr>
<tr>
<td>GS4590WC</td>
<td>45mm x 90mm gusset with hardware and a cover cap</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Profile Connectors

60 Series Gussets

Features:
- Metric and inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 60 series profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS60</td>
<td>60mm x 60mm gusset only</td>
</tr>
<tr>
<td>GS60CC</td>
<td>60mm x 60mm gusset cover cap</td>
</tr>
<tr>
<td>GS60W</td>
<td>60mm x 60mm gusset with hardware (4) M6x12LHCS and (4) T-nuts (TN10M6)</td>
</tr>
<tr>
<td>GS60WC</td>
<td>60mm x 60mm gusset with hardware and a cover cap</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
90 Series Gussets

Features:
- Metric profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 90 series profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS90</td>
<td>90mm x 90mm gusset only</td>
</tr>
<tr>
<td>GS90CC</td>
<td>90mm x 90mm gusset cover cap</td>
</tr>
<tr>
<td>GS90W</td>
<td>90mm x 90mm gusset with hardware (4) M8x25 T-bolts and (4) M8 flange nuts</td>
</tr>
<tr>
<td>GS90WC</td>
<td>90mm x 90mm gusset with hardware and a cover cap</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
### 0.26 Inch Corner Bracket

#### Features:
- Inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 1 inch series profile

#### Machining Required:
- Machining not needed

#### Technical Specifications:
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver

#### Part ID | Description (Ordering Options)
--- | ---
CB262H | Corner bracket for a 0.26 inch T-slot with 2 holes
CB262HW | Corner bracket for a 0.26 inch T-slot with 2 holes with hardware: (2) 1/4”-20 x 1/2” BHCS and (2) T-nuts (EN261/4-20)
CB264H | Corner bracket for a 0.26 inch T-slot with 4 holes
CB264HW | Corner bracket for a 0.26 inch T-slot with 4 holes with hardware: (4) 1/4”-20 x 1/2” BHCS and (4) T-nuts (EN261/4-20)
CB268H | Corner bracket for a 0.26 inch T-slot with 8 holes
CB268HW | Corner bracket for a 0.26 inch T-slot with 8 holes with hardware: (8) 1/4”-20 x 1/2” BHCS and (8) T-nuts (EN261/4-20)

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
**0.32 Inch Corner Brackets**

**Features:**
- Inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 1.5 inch series profiles.

**Machining Required:**
- Cut to length, no additional machining is required

**Technical Specifications:**
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver

---

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB322H</td>
<td>Corner bracket for a 0.32 inch T-slot, with 2 holes</td>
</tr>
<tr>
<td>CB322HW</td>
<td>Corner bracket for a 0.32 inch T-slot, with 2 holes, includes mounting hardware:</td>
</tr>
<tr>
<td></td>
<td>(2) 5/16”-18 x 5/8” BHCS and (2) T-nut (EN325/16-18)</td>
</tr>
<tr>
<td>CB324H</td>
<td>Corner bracket for a 0.32 inch T-slot, with 4 holes</td>
</tr>
<tr>
<td>CB324HW</td>
<td>Corner bracket for a 0.32 inch T-slot, with 4 holes, includes mounting hardware:</td>
</tr>
<tr>
<td></td>
<td>(4) 5/16”-18 x 5/8” BHCS and (4) T-nut (EN325/16-18)</td>
</tr>
<tr>
<td>CB328H</td>
<td>Corner bracket for a 0.32 inch T-slot, with 8 holes</td>
</tr>
<tr>
<td>CB328HW</td>
<td>Corner bracket for a 0.32 inch T-slot, with 8 holes, includes mounting hardware:</td>
</tr>
<tr>
<td></td>
<td>(8) 5/16”-18 x 5/8” BHCS and (8) T-nut (EN325/16-18)</td>
</tr>
</tbody>
</table>

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Profile Connectors

0.26 Inch Corner Gussets

Features:
- Inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 1 inch series profiles.

Machining Required:
- Cut to length, no additional machining is required

Technical Specifications:
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CG262H</td>
<td>Corner gusset for a 0.26 inch T-slot with 2 holes</td>
</tr>
<tr>
<td>CG262HW</td>
<td>Corner bracket for a 0.26 inch T-slot with 2 holes with hardware: (2) 1/4”-20 x 1/2” BHCS and (2) T-nuts (EN261/4-20)</td>
</tr>
<tr>
<td>CG264H</td>
<td>Corner gusset for a 0.26 inch T-slot with 4 holes</td>
</tr>
<tr>
<td>CG264HW</td>
<td>Corner bracket for a 0.26 inch T-slot with 4 holes with hardware: (4) 1/4”-20 x 1/2” BHCS and (4) T-nuts (EN261/4-20)</td>
</tr>
<tr>
<td>CG268H</td>
<td>Corner gusset for a 0.26 inch T-slot with 8 holes</td>
</tr>
<tr>
<td>CG268HW</td>
<td>Corner bracket for a 0.26 inch T-slot with 8 holes with hardware: (8) 1/4”-20 x 1/2” BHCS and (8) T-nuts (EN261/4-20)</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders

www.FramingTech.com Call: 585.464.8470 E-mail: Sales@FramingTech.com
**0.32 Inch Corner Gussets**

**Features:**
- Inch profile connectors
- Allows the fastening of two pieces of strut at a 90°
- Used for 1.5 inch series profiles.

**Machining Required:**
- Cut to length, no additional machining is required

**Technical Specifications:**
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver

---

**Part ID** | **Description (Ordering Options)**
--- | ---
CG322H | Corner gusset for a 0.32 inch T-slot with 2 holes
CG322HW | Corner bracket for a 0.32 inch T-slot with 2 holes with hardware: (2) 5/16”-18 x 1/2” BHCS and (2) T-nuts (EN325/16-18)
CG324H | Corner gusset for a 0.32 inch T-slot with 4 holes
CG324HW | Corner bracket for a 0.32 inch T-slot with 4 holes with hardware: (4) 5/16”-18 x 1/2” BHCS and (4) T-nuts (EN325/16-18)
CG328H | Corner gusset for a 0.32 inch T-slot with 8 holes
CG328HW | Corner bracket for a 0.32 inch T-slot with 8 holes with hardware: (8) 5/16”-18 x 1/2” BHCS and (8) T-nuts (EN325/16-18)

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Metric Corner Bracket Radius

Features:
- Metric profile connectors
- Allows the fastening of two or three pieces strut at a 90° corner.
- Allows radius profiles to be connected.

Machining Required:
- Tapped ends (accordingly)

Technical Specifications:
- Material
  - Base = Aluminum
  - Caps = Reinforced Nylon
- Finish
  - Base = Clear Anodized
- Color
  - Base = Silver
  - Cap = Black

Part ID | Description (Ordering Options)
--- | ---
CBR0620 | Corner bracket for a 6mm T-slot
CBR0620W | Corner bracket for a 6mm T-slot, includes (3) M6x16 flat head cap screw
CBR0620WCR | Corner bracket for a 6mm T-slot, includes hardware and a radius cover cap
CBR0620WCS | Corner bracket for a 6mm T-slot, includes hardware and a square cover cap
CBR0830 | Corner bracket for a 8mm T-slot
CBR0830W | Corner bracket for a 8mm T-slot, includes (3) M8x25 flat head cap screw
CBR0830WCR | Corner bracket for a 8mm T-slot, includes hardware and a radius cover cap
CBR0830WCS | Corner bracket for a 8mm T-slot, includes hardware and a square cover cap
CBR0840 | Corner bracket for a 8mm T-slot
CBR0840W | Corner bracket for a 8mm T-slot, includes (3) M12x30 button head cap screw
CBR0840WCR | Corner bracket for a 8mm T-slot, includes hardware and a radius cover cap
CBR0840WCS | Corner bracket for a 8mm T-slot, includes hardware and a square cover cap
CBR1045 | Corner bracket for a 10mm T-slot
CBR1045W | Corner bracket for a 10mm T-slot, includes (3) M12x30 flat head cap screw
CBR1045WCR | Corner bracket for a 10mm T-slot, includes hardware and a radius cover cap
CBR1045WCS | Corner bracket for a 10mm T-slot, includes hardware and a square cover cap

• Please contact Framing Tech for additional ordering options & savings on bulk orders
Inch Corner Bracket Radius

Features:
- Inch profile connectors
- Allows the fastening of two or three pieces strut at a 90° corner.
- Allows radius profiles to be connected.

Machining Required:
- Tapped ends 5/16”-18

Technical Specifications:
- Material
  - Base = Aluminum
  - Caps = Reinforced Nylon
- Finish
  - Base = Clear Anodized
- Color
  - Base = Silver
  - Cap = Black

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBR321.5</td>
<td>Corner bracket for a 0.32 inch T-slot</td>
</tr>
<tr>
<td>CBR321.5W</td>
<td>Corner bracket for a 0.32 inch T-slot, includes (3) 5/16”-18 x 1.5” flat head cap screw</td>
</tr>
<tr>
<td>CBR321.5WCR</td>
<td>Corner bracket for a 0.32 inch T-slot, includes hardware and a radius cover cap</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Cube Connector - 2D

Features:
- Metric profile connectors
- Joins two profiles at 90°
- Uses flat head or button head cap screws
- Cover caps provide a clean appearance

Machining Required:
- Tap ends as suggested for profile’s tap capability

Technical Specifications:
- Material  Body = Die-cast Aluminum
  Caps = Reinforced Nylon
- Finish  Plain

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC20-2D</td>
<td>Cube connector with 2 directions, for 20mm profiles</td>
</tr>
<tr>
<td>CC20-2DW</td>
<td>Cube connector with 2 directions, for 20mm profiles, includes hardware: (1) connector body, (2) M6x30 flat head cap screws, and (2) cover caps</td>
</tr>
<tr>
<td>CC30-2D</td>
<td>Cube connector with 2 directions, for 30mm profiles</td>
</tr>
<tr>
<td>CC30-2DW</td>
<td>Cube connector with 2 directions, for 30mm profiles, includes hardware: (1) connector body, (2) M8x30 flat head cap screws, and (2) cover caps</td>
</tr>
<tr>
<td>CC45-2D</td>
<td>Cube connector with 2 directions, for 45mm profiles</td>
</tr>
<tr>
<td>CC45-2DW</td>
<td>Cube connector with 2 directions, for 45mm profiles, includes hardware: (1) connector body, (2) M12x30 button head cap screws, and (2) cover caps</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Cube Connector - 3D

**Features:**
- Metric profile connectors
- Joins three profiles at 90°
- Uses flat head or button head cap screws
- Cover caps provide a clean appearance

**Machining Required:**
- Tap ends as suggested for profile’s tap capability

**Technical Specifications:**
- **Material**
  - Body = Die-cast Aluminum
  - Caps = Reinforced Nylon
- **Finish**
  - Plain

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC20-3D</td>
<td>Cube connector with 3 directions, for 20mm profiles</td>
</tr>
<tr>
<td>CC20-3DW</td>
<td>Cube connector with 3 directions, for 20mm profiles, includes hardware: (1) connector body, (3) M6x30 flat head cap screws, and (3) cover caps</td>
</tr>
<tr>
<td>CC30-3D</td>
<td>Cube connector with 3 directions, for 30mm profiles</td>
</tr>
<tr>
<td>CC30-3DW</td>
<td>Cube connector with 3 directions, for 30mm profiles, includes hardware: (1) connector body, (3) M8x30 flat head cap screws, and (3) cover caps</td>
</tr>
<tr>
<td>CC45-3D</td>
<td>Cube connector with 3 directions, for 45mm profiles</td>
</tr>
<tr>
<td>CC45-3DW</td>
<td>Cube connector with 3 directions, for 45mm profiles, includes hardware: (1) connector body, (3) M8x30 flat head cap screws, and (3) cover caps</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

### Pivot Arms

**Features:**
- Metric profile pivot arms
- Join two profiles at various angles using an “end-to-side”
- Hex nuts screws on side of arms provides a tension lock for adjustable maintained angle positions.

**Technical Specifications:**
- Material: Die-cast Zinc
- Finish: Laquered
- Color: Silver
- Weight: 32 - 570 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA40</td>
<td>Pivot Arm for connecting a 40 mm profile to a 40 mm profile</td>
</tr>
<tr>
<td>PA40-08W</td>
<td>Includes (1) PA40 with hardware (1) M6x14SHCS, (4) M6x14BHCS, and (5) TN08M6</td>
</tr>
<tr>
<td>PA40-10W</td>
<td>Includes (1) PA40 with hardware (1) M8x18SHCS, (4) M8x16BHCS, and (5) TN10M8</td>
</tr>
<tr>
<td>PA45</td>
<td>Pivot Arm for connecting a 45 mm profile to a 45 mm profile</td>
</tr>
<tr>
<td>PA45W</td>
<td>Includes (1) PA45 with hardware (1) M8x20SHCS, (4) M8x18BHCS, and (5) TN10M8</td>
</tr>
<tr>
<td>PA4080</td>
<td>Pivot Arm for connecting a 40x80 mm profile to a 40x80 mm profile</td>
</tr>
<tr>
<td>PA4080-08W</td>
<td>Includes (1) PA4080 with hardware (2) M6x14SHCS, (4) M6x14BHCS, and (6) TN08M6</td>
</tr>
<tr>
<td>PA4080-10W</td>
<td>Includes (1) PA4080 with hardware (2) M8x18SHCS, (4) M8x16BHCS, and (6) TN10M8</td>
</tr>
<tr>
<td>PA4590</td>
<td>Pivot Arm for connecting a 45x90 mm profile to a 45x90 mm profile</td>
</tr>
<tr>
<td>PA4590W</td>
<td>Includes (1) PA4590 with hardware (2) M8x20SHCS, (4) M8x18BHCS, and (6) TN10M8</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Pivot Joints

**Features:**
- Join two profiles at various angles using three variables: “end-to-end”, “end-to-side”, or “side-to-side”.
- Handle provides a tension lock for adjustable maintained angle positions.
- Add a “W” to end of part ID to include hardware.

**Technical Specifications:**
- Material: Die-cast Zinc
- Finish: Powder-coated
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PJ0830</td>
<td>Pivot joint for an 8mm T-slot with a 30mm x 30mm base</td>
</tr>
<tr>
<td>PJ0830WH</td>
<td>Pivot joint for an 8mm T-slot with a 30mm x 30mm base, includes locking handle</td>
</tr>
<tr>
<td>PJ1040</td>
<td>Pivot joint for an 10mm T-slot with a 40mm x 40mm base</td>
</tr>
<tr>
<td>PJ1040WH</td>
<td>Pivot joint for an 10mm T-slot with a 40mm x 40mm base, includes locking handle</td>
</tr>
<tr>
<td>PJ1045</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 45mm base</td>
</tr>
<tr>
<td>PJ1045WH</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 45mm base, includes locking handle</td>
</tr>
<tr>
<td>PJ1045M12</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 45mm base</td>
</tr>
<tr>
<td>PJ1045M12WH</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 45mm base, includes locking handle</td>
</tr>
<tr>
<td>PJ4590</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 90mm base</td>
</tr>
<tr>
<td>PJ4590WH</td>
<td>Pivot joint for an 10mm T-slot with a 45mm x 90mm base, includes locking handle</td>
</tr>
<tr>
<td>PJ3238</td>
<td>Pivot joint for an 0.32 inch T-slot with a 38mm x 38mm base</td>
</tr>
<tr>
<td>PJ3238WH</td>
<td>Pivot joint for an 0.32 inch T-slot with a 38mm x 38mm base, includes locking handle</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Profile Connectors

Pivot Bracket (Single Bracket)

Features:
- Joins two 45mm profiles (not included) at various angles up to 90 degrees.
- Shoulder screw and nylon washers allow for a smoother and easier adjustments.
- Handle provides a tension lock for adjustable maintained angle positions.

Machining Required:
- Drill M8 clearance hole 10mm from the top of the pivot point’s strut (shown vertical)

Technical Specifications:
- Material: 6061 Aluminum
- Finish: Anodized
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB45</td>
<td>Pivot bracket for 45mm to 45mm profiles (Bracket ONLY)</td>
</tr>
<tr>
<td>PB45W</td>
<td>Pivot bracket for 45mm to 45mm profiles, with hardware</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders
Adjustable Angle Gussets

Features:
- Joins two profiles at various angles.
- Steel bushing allows for a smoother and easier adjustment.
- This is not a “lock-in” position gusset.

Technical Specifications:
- Material  Body = Die-cast Zinc  Bushing = Steel
- Finish  Body = Plain  Bushing = Zinc Plated
- Color  Silver
- Weight  40g - 91g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA30</td>
<td>Adjustable angle gusset for 30mm profiles</td>
</tr>
<tr>
<td>AA30W</td>
<td>Adjustable angle gusset for 30mm profiles, with (2) M6x12BHCS, (1) M6 washer, and (2) TN08M6</td>
</tr>
<tr>
<td>AA40</td>
<td>Adjustable angle gusset for 40mm profiles</td>
</tr>
<tr>
<td>AA40W</td>
<td>Adjustable angle gusset for 40mm profiles, with (2) M8x18BHCS, (1) M6 washer, and (2) TN10M8</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

Swivel Bracket

Features:
- Metric Profiles
- Joins two profiles at various angles up to 180 degrees.
- Pivot screw and washers allow for a smooth and easy adjustment.
- Handle provides a tension lock for adjustable maintained angle positions.

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Color: Silver
- Weight: 221.0 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWB0810</td>
<td>Swivel bracket for 8mm or 10mm T-slot profiles (Bracket Only)</td>
</tr>
<tr>
<td>SWB0810W</td>
<td>Swivel bracket for a 10mm T-slot to a swivel 8mm T-slot, with hardware</td>
</tr>
<tr>
<td>SWB08W</td>
<td>Swivel bracket for an 8mm T-slot, with hardware</td>
</tr>
<tr>
<td>SWB10W</td>
<td>Swivel bracket for an 10mm T-slot, with hardware</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Profile Connectors

Angle Connectors

Features:
- Metric profile angle connectors
- Angle connectors allow two aluminum profiles to connect at a 45 degree
- Ideal for bracing frames when a long spans are needed

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Plain
- Color: Silver
- Weight: 209 - 350 grams

Part ID | Description (Ordering Options)
---|---
AC4045Deg | Angle connector for a 40 mm profile, with a 8mm T-slot
AC408045Deg | Angle connector for a 40x80 mm profile, with a 8mm T-slot

Please contact Framing Tech for additional ordering options & savings on bulk orders
Angled Gussets

Features:
- Metric profiles.
- Joins two 45mm profiles at a 45 degree angle.
- Mount options are “end-to-end”, “side to end”, or “side-to-side”
- Hardware is supplied when order specifies mounting option.

Technical Specifications:
- Material 30 Body = Die-cast Zinc
  40/45 Body = Die-cast Aluminum
  Caps = Nylon
- Finish 30 Body = Powder Coated
  40/45 Body = Anodized
  Caps = Plain
- Color Silver / Black

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG3045</td>
<td>Angled gusset for 30mm profiles, specify mounting option for hardware</td>
</tr>
<tr>
<td>AG4045</td>
<td>Angled gusset for 40mm profiles, specify mounting option for hardware</td>
</tr>
<tr>
<td>AG4545</td>
<td>Angled gusset for 45mm profiles, specify mounting option for hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Metric Corner Plates

Features:
- Metric profile connectors
- Connects two pieces of strut where strength is needed without extra machining.
- Hardware is added per each hole

Technical Specifications:
- Material: 1/4” 6061 Aluminum
- Finish: Clear Anodized
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP085H</td>
<td>Corner connection plate with 5 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP085HW</td>
<td>Includes (1) CP085H, with hardware (5) M6x14 LHCS, (5) M6 Flat Washers, and (5) TN08M6</td>
</tr>
<tr>
<td>CP0812H</td>
<td>Corner connection plate with 12 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP0812HW</td>
<td>Includes (1) CP0812H, with hardware (12) M6x14 LHCS, (12) M6 Flat Washers, and (12) TN08M6</td>
</tr>
<tr>
<td>CP105H</td>
<td>Corner connection plate with 5 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP105HW</td>
<td>Includes (1) CP105H, with hardware (5) M8x18 LHCS, (5) M8 Flat Washers, and (5) TN10M6</td>
</tr>
<tr>
<td>CP1012H</td>
<td>Corner connection plate with 12 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP1012HW</td>
<td>Includes (1) CP1012H, with hardware (12) M8x18 LHCS, (12) M8 Flat Washers, and (12) TN10M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

Inch Corner Plates

Features:
- Inch profile connectors
- Connects two pieces of strut where strength is needed without extra machining.
- Add “W” to part ID to add hardware:
  0.26in = 1/4”-20x1/2” Button Head Cap Screw, 1/4” flat washer, and EN261/4-20
  0.32in = 5/16”-18x3/4” Button Head Cap Screw, 5/16” flat washer, and EN325/16-18
- Hardware is added per each hole

Technical Specifications:
- Material: 1/4” 6061 Aluminum
- Finish: Clear Anodized
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP265H</td>
<td>Corner connection plate with 5 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP2612H</td>
<td>Corner connection plate with 3 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP325H</td>
<td>Corner connection plate with 3 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>CP3212H</td>
<td>Corner connection plate with 3 holes, for 0.32 inch T-slots</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Metric Connection Plates

Features:
- Metric profile connectors
- Connects two pieces of strut where strength is needed without extra machining.
- Add “W” to part ID to add hardware:
  8mm = M6x14 Low Head Cap Screw, M6 flat washer, TN08M6
  10mm = M8x18 Low Head Cap Screw, M8 flat washer, TN10M8
- Hardware is added per each hole

Technical Specifications:
- Material  1/4” 6061 Aluminum
- Finish    Clear Anodized
- Color     Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP082H</td>
<td>Connection plate with 2 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP083H</td>
<td>Connection plate with 3 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP084H</td>
<td>Connection plate with 4 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP086H</td>
<td>Connection plate with 6 holes, for 8mm T-slots</td>
</tr>
<tr>
<td>CP08102H</td>
<td>Connection plate with 2 holes, for an 8mm T-slot to a 10mm T-slot</td>
</tr>
<tr>
<td>CP102H</td>
<td>Connection plate with 2 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP103H</td>
<td>Connection plate with 3 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP104H</td>
<td>Connection plate with 4 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP106H</td>
<td>Connection plate with 6 holes, for 10mm T-slots</td>
</tr>
<tr>
<td>CP108H</td>
<td>Connection plate with 8 holes, for 10mm T-slots</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

**Inch Connection Plates**

**Features:**
- Inch profile connectors
- Connects two pieces of strut where strength is needed without extra machining.
- Add “W” to part ID to add hardware:
  - 0.26in = 1/4”-20x1/2” Button Head Cap Screw, 1/4” flat washer, and EN261/4-20
  - 0.32in = 5/16”-18x3/4” Button Head Cap Screw, 5/16” flat washer, and EN325/16-18
- Hardware is added per each hole

**Technical Specifications:**
- Material 1/4” 6061 Aluminum
- Finish Clear Anodized
- Color Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP262H</td>
<td>Connection plate with 2 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP263H</td>
<td>Connection plate with 3 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP264H</td>
<td>Connection plate with 4 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP266H</td>
<td>Connection plate with 6 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP268H</td>
<td>Connection plate with 8 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>CP322H</td>
<td>Connection plate with 2 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>CP323H</td>
<td>Connection plate with 3 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>CP324H</td>
<td>Connection plate with 4 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>CP326H</td>
<td>Connection plate with 6 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>CP328H</td>
<td>Connection plate with 8 holes, for 0.32 inch T-slots</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
Joining Plates

Features:
- Metric and inch joining plates
- Connects two pieces of strut together in a “T” formation
- Add “W” to part ID to add hardware:
  - 8mm = M6x14 LHCS, M6 washer, TN08M6
  - 10mm = M8x18 LHCS, M8 washer, TN10M8
  - 0.26in = 1/4"-20x1/2" BHCS, 1/4" washer, EN261/4-20
  - 0.32in = 5/16"-18x3/4" BHCS, 5/16" washer, and EN325/16-18

Technical Specifications:
- Material: 6061 Aluminum
- Finish: Clear Anodized
- Color: Silver

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JP085H</td>
<td>Joining plate with 5 holes, for 8 mm T-slots</td>
</tr>
<tr>
<td>JP107H</td>
<td>Joining plate with 7 holes, for 10 mm T-slots</td>
</tr>
<tr>
<td>JP1016H</td>
<td>Joining plate with 16 holes, for 10 mm T-slots</td>
</tr>
<tr>
<td>JP265H</td>
<td>Joining plate with 5 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>JP267H</td>
<td>Joining plate with 7 holes, for 0.26 inch T-slots</td>
</tr>
<tr>
<td>JP325H</td>
<td>Joining plate with 5 holes, for 0.32 inch T-slots</td>
</tr>
<tr>
<td>JP327H</td>
<td>Joining plate with 7 holes, for 0.32 inch T-slots</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Profile Connectors

Threaded Insert

Features:
- Metric profile connector
- Self tapping insert, reduces the center-bore of a 45mm profile to an M8 thread
- Use when mounting to end for pivot joints or other hardware

Machining Required:
- No machining required

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Color: Silver
- Weight: 32 g (0.07 lbs)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TI10</td>
<td>Threaded insert bushing, for an M12 to an M8 thread</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional ordering options & savings on bulk orders
T-nuts

Features:
- Allows the fastening of different components to the T-slot such as removable panels, switches, pneumatic items.
- Serrations on the T-nut provide a secure, electrically conductive connection.

Technical Specifications:
- Material: Steel or Stainless Steel
- Finish: Zinc Plated
- Weight:
  - TN06 = 1.2 g
  - TN08 = 3.0 - 4.0 g
  - TN10 = 5.0 - 8.0 g
  - TN32 = 3.0 - 4.0 g

Part ID | Descriptions (Ordering Options)
---|---
TN06M4 | T-Nut for 6mm T-slot with a M4 thread
TN08M4 | T-Nut for 8mm T-slot with a M4 thread
TN08M5 | T-Nut for 8mm T-slot with a M5 thread
TN08M6 | T-Nut for 8mm T-slot with a M6 thread
TN08M6SS | T-Nut for 8mm T-slot with a M6 thread, stainless steel
TN0810-32 | T-Nut for 8mm T-slot with a 10-32 thread
TN081/4-20 | T-Nut for 8mm T-slot with a 1/4"-20 thread
TN081/4-20SS | T-Nut for 8mm T-slot with a 1/4"-20 thread
TN10M4 | T-Nut for 10mm T-slot with a M4 thread
TN10M5 | T-Nut for 10mm T-slot with a M5 thread
TN10M6 | T-Nut for 10mm T-slot with a M6 thread
TN10M6SS | T-Nut for 10mm T-slot with a M6 thread, stainless steel
TN10M8 | T-Nut for 10mm T-slot with a M8 thread
TN10M8SS | T-Nut for 10mm T-slot with a M8 thread, stainless steel
TN1010-32 | T-Nut for 10mm T-slot with a 10-32 thread
TN101/4-20 | T-Nut for 10mm T-slot with a 1/4"-20 thread
TN101/4-20SS | T-Nut for 10mm T-slot with a 1/4"-20 thread, stainless steel
TN105/16-18 | T-Nut for 10mm T-slot with a 5/16"-18 thread
TN105/16-18SS | T-Nut for 10mm T-slot with a 5/16"-18 thread, stainless steel
TN32M4 | T-Nut for 0.32 inch T-slot with a M4 thread
TN32M5 | T-Nut for 0.32 inch T-slot with a M5 thread
TN32M6 | T-Nut for 0.32 inch T-slot with a M6 thread
TN3210-32 | T-Nut for 0.32 inch T-slot with a 10-32 thread
TN321/4-20 | T-Nut for 0.32 inch T-slot with a 1/4"-20 thread

Please contact Framing Tech for additional ordering options & savings on bulk orders
### Roll-in T-slot Nuts

**Features:**
- Metric profile fasteners
- “Roll” into position along the T-slot, rather than having to slide in from end.
- Large surface area offers a high strength connection for any heavy-duty holding or mounting applications

**Technical Specifications:**
- Material: Steel
- Finish: Zinc Plated
- Weight: RN08 = 4.0 - 5.0 g, RN10 = 6.0 - 7.7 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RN08M4</td>
<td>Roll-in T-nut for 8mm T-slot with a M4 thread</td>
</tr>
<tr>
<td>RN08M5</td>
<td>Roll-in T-nut for 8mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>RN08M6</td>
<td>Roll-in T-nut for 8mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>RN08M8</td>
<td>Roll-in T-nut for 8mm T-slot with a M8 thread</td>
</tr>
<tr>
<td>RN10M6</td>
<td>Roll-in T-nut for 10mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>RN10M8</td>
<td>Roll-in T-nut for 10mm T-slot with a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Roll-in T-nuts (Ball-Spring)

Features:
- Metric profile fasteners
- “Roll” into position along the T-slot, rather than having to slide in from end.
- T-nut has a ball-spring plunger for setting a maintained position along a vertical T-slot.

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Weight: 9 g

Part ID | Descriptions (Ordering Options)
--- | ---
RN08BM4 | Roll-in ball-spring plunger T-nut for 8mm T-slot with a M4 thread
RN08BM5 | Roll-in ball-spring plunger T-nut for 8mm T-slot with a M5 thread
RN08BM6 | Roll-in ball-spring plunger T-nut for 8mm T-slot with a M6 thread
RN08BM8 | Roll-in ball-spring plunger T-nut for 8mm T-slot with a M8 thread

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Fasteners

### Roll-in T-nut (Leaf-Spring)

**Features:**
- Metric and inch profile fasteners
- “Roll” into position along the T-slot, rather than having to slide in from end.
- T-nut has a leaf-spring for setting a maintained position along a vertical T-slot.

**Technical Specifications:**
- Material: Steel
- Finish: Zinc Plated
- Weight: RN08 = 5 g, RN10 = 12 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RN08LM4</td>
<td>Roll-in leaf-spring T-nut for 8mm T-slot with M4 thread</td>
</tr>
<tr>
<td>RN08LM5</td>
<td>Roll-in leaf-spring T-nut for 8mm T-slot with M5 thread</td>
</tr>
<tr>
<td>RN08LM6</td>
<td>Roll-in leaf-spring T-nut for 8mm T-slot with M6 thread</td>
</tr>
<tr>
<td>RN08LM8</td>
<td>Roll-in leaf-spring T-nut for 8mm T-slot with M8 thread</td>
</tr>
<tr>
<td>RN08L1/4-20</td>
<td>Roll-in leaf-spring T-nut for 8mm T-slot with 1/4”-20 thread</td>
</tr>
<tr>
<td>RN10LM5</td>
<td>Roll-in leaf-spring T-nut for 10mm T-slot with M5 thread</td>
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<tr>
<td>RN10LM6</td>
<td>Roll-in leaf-spring T-nut for 10mm T-slot with M6 thread</td>
</tr>
<tr>
<td>RN10LM8</td>
<td>Roll-in leaf-spring T-nut for 10mm T-slot with M8 thread</td>
</tr>
<tr>
<td>RN32LM8</td>
<td>Roll-in leaf-spring T-nut for 0.32 inch T-slot with M8 thread</td>
</tr>
<tr>
<td>RN32L1/4-20</td>
<td>Roll-in leaf-spring T-nut for 0.32 inch T-slot with 1/4”-20 thread</td>
</tr>
<tr>
<td>RN32L5/16-18</td>
<td>Roll-in leaf-spring T-nut for 0.32 inch T-slot with 5/16”-18 thread</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders
# Square T-nuts

**Features:**
- Metric profile fastners
- Square style T-nut plate with a threaded hole on center, for light duty holding applications
- Must be slide in from end of profile

**Technical Specifications:**
- Material: Steel
- Finish: Clear-Zinc Plated

---

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Descriptions (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQN05M5</td>
<td>Square T-nut plate for 5mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>SQN08M4</td>
<td>Square T-nut plate for 8mm T-slot with a M4 thread</td>
</tr>
<tr>
<td>SQN08M5</td>
<td>Square T-nut plate for 8mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>SQN08M6</td>
<td>Square T-nut plate for 8mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>SQN10M4</td>
<td>Square T-nut plate for 10mm T-slot with a M4 thread</td>
</tr>
<tr>
<td>SQN10M5</td>
<td>Square T-nut plate for 10mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>SQN10M6</td>
<td>Square T-nut plate for 10mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>SQN10M8</td>
<td>Square T-nut plate for 10mm T-slot with a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Fasteners

Drop-in T-nut (Leaf-Spring)

Features:
- Inch profile fasteners
- “Drop-in” into position along the T-slot, rather than having to slide in from end.
- T-nut has a leaf-spring for setting a maintained position along a vertical T-slot.

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Weight: 5 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
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</thead>
<tbody>
<tr>
<td>DTNL32M5</td>
<td>Drop-in leaf-spring T-nut for 0.32 inch T-slot with a M5 thread</td>
</tr>
<tr>
<td>DTNL32M6</td>
<td>Drop-in leaf-spring T-nut for 0.32 inch T-slot with a M6 thread</td>
</tr>
<tr>
<td>DTNL32M8</td>
<td>Drop-in leaf-spring T-nut for 0.32 inch T-slot with a M8 thread</td>
</tr>
<tr>
<td>DTNL321/4-20</td>
<td>Drop-in leaf-spring T-nut for 0.32 inch T-slot with a 1/4”-20 thread</td>
</tr>
<tr>
<td>DTNL325/16-18</td>
<td>Drop-in leaf-spring T-nut for 0.32 inch T-slot with a 5/16”-18 thread</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders
Drop-in T-nuts (Ball-Spring)

Features:
- Inch profile fasteners
- “Roll” into position along the T-slot, rather than having to slide in from end.
- T-nut has a ball-spring plunger for setting a maintained position along a vertical T-slot.

Technical Specifications:
- Material: Steel or Stainless Steel
- Finish: Zinc Plated

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Descriptions (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTNB2610-32</td>
<td>Drop-in ball-spring plunger T-nut for 0.26 inch T-slot with a 10-32 thread</td>
</tr>
<tr>
<td>DTNB261/4-20</td>
<td>Drop-in ball-spring plunger T-nut for 0.26 inch T-slot with a 1/4-20 thread</td>
</tr>
<tr>
<td>DTNB32M3</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a M3 thread</td>
</tr>
<tr>
<td>DTNB32M4</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a M4 thread</td>
</tr>
<tr>
<td>DTNB32M5</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a M5 thread</td>
</tr>
<tr>
<td>DTNB32M6</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a M6 thread</td>
</tr>
<tr>
<td>DTNB32M8</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a M8 thread</td>
</tr>
<tr>
<td>DTNB10-32</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a 10-32 thread</td>
</tr>
<tr>
<td>DTNB1/4-20</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a 1/4”-20 thread</td>
</tr>
<tr>
<td>DTNB5/16-18</td>
<td>Drop-in ball-spring plunger T-nut for 0.32 inch T-slot with a 5/16”-18 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
## Fasteners

### Drop-in T-nuts (Set Screw)

**Features:**
- Inch profile fasteners
- Drop-in style T-nut with a set screw for any heavy duty holding or mounting applications
- Set screw holds T-nut securely in a vertical or horizontal orientation.

**Technical Specifications:**
- **Material**: Steel
- **Finish**: Black-Zinc Plated
- **Weight**:
  - DTNS26 = 6.9 - 8.4 g
  - DTNS32 = 14.3 - 16.5 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTNS2610-32</td>
<td>Drop-in T-nut with set screw for 0.26 inch T-slot with a 10-32 thread</td>
</tr>
<tr>
<td>DTNS261/4-20</td>
<td>Drop-in T-nut with set screw for 0.26 inch T-slot with a 1/4”-20 thread</td>
</tr>
<tr>
<td>DTNS3210-32</td>
<td>Drop-in T-nut with set screw for 0.32 inch T-slot with a 10-32 thread</td>
</tr>
<tr>
<td>DTNS321/4-20</td>
<td>Drop-in T-nut with set screw for 0.32 inch T-slot with a 1/4”-20 thread</td>
</tr>
<tr>
<td>DTNS325/16-18</td>
<td>Drop-in T-nut with set screw for 0.32 inch T-slot with a 5/16”-18 thread</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
T-slot Nuts (Slide-in)

Features:
- Metric profile fasteners
- “Stepped” T-slot nut has a large surface area used for any heavy duty holding or mounting applications
- Must be slid in from the end of the profile

Technical Specifications:
- Material: Steel or Stainless Steel
- Finish: Zinc Plated
- Weight: 8mm = 6.9 - 8.4 g
  10mm = 14.3 - 16.5 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Descriptions (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSN06M5</td>
<td>Slide-in T-nut for a 6mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>TSN08M4</td>
<td>Slide-in T-nut for a 8mm T-slot with a M4 thread</td>
</tr>
<tr>
<td>TSN08M5</td>
<td>Slide-in T-nut for a 8mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>TSN08M6</td>
<td>Slide-in T-nut for a 8mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>TSN08M8</td>
<td>Slide-in T-nut for a 8mm T-slot with a M8 thread</td>
</tr>
<tr>
<td>TSN10M4</td>
<td>Slide-in T-nut for a 10mm T-slot with a M4 thread</td>
</tr>
<tr>
<td>TSN10M5</td>
<td>Slide-in T-nut for a 10mm T-slot with a M5 thread</td>
</tr>
<tr>
<td>TSN10M6</td>
<td>Slide-in T-nut for a 10mm T-slot with a M6 thread</td>
</tr>
<tr>
<td>TSN10M8</td>
<td>Slide-in T-nut for a 10mm T-slot with a M8 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Fasteners

Standard T-nuts

Features:
- Inch profile fasteners
- Used for heavy duty holding or mounting applications.
- Must be slid in from the end of profile.

Technical Specifications:
- Material: Steel
- Finish: Black-Zinc Plated
- Weight:
  - STN26 = 6.9 - 8.4 g
  - STN32 = 14.3 - 16.5 g

Part ID | Description (Ordering Options)
---|---
STN2610-32 | Standard T-nut for a 0.26 inch T-slot with a 10-32 thread
STN261/4-20 | Standard T-nut for a 0.26 inch T-slot with a 1/4"-20 thread
STN3210-32 | Standard T-nut for a 0.32 inch T-slot with a 10-32 thread
STN321/4-20 | Standard T-nut for a 0.32 inch T-slot with a 1/4"-20 thread
STN325/16-18 | Standard T-nut for a 0.32 inch T-slot with a 5/16"-18 thread
DSTN325/16-18 | Double Standard T-nut for 0.32 inch T-slot with two 5/16"-18 threads

- Please contact Framing Tech for additional ordering options & savings on bulk orders
**Economy T-nuts**

**Features:**
- Inch profile fasteners
- Economical slide-in style T-nut used for any light duty holding or mounting application.

**Technical Specifications:**
- Material: Steel
- Finish: Black-Zinc Plated
- Weight: EN26 = 6.9 - 8.4 g
  EN32 = 14.3 - 16.5 g

**Part ID** | Descriptions (Ordering Options)
--- | ---
EN26M5 | Economy T-nut for a 0.26 inch T-slot with a M5 thread
EN26M6 | Economy T-nut for a 0.26 inch T-slot with a M6 thread
EN268-32 | Economy T-nut for a 0.26 inch T-slot with a 8-32 thread
EN2610-32 | Economy T-nut for a 0.26 inch T-slot with a 10-32 thread
EN261/4-20 | Economy T-nut for a 0.26 inch T-slot with a 1/4”-20 thread
EN265/16-18 | Economy T-nut for a 0.26 inch T-slot with a 5/16”-18 thread
EN328-32 | Economy T-nut for a 0.32 inch T-slot with a 8-32 thread
EN3210-32 | Economy T-nut for a 0.32 inch T-slot with a 10-32 thread
EN321/4-20 | Economy T-nut for a 0.32 inch T-slot with a 1/4”-20 thread
EN325/16-18 | Economy T-nut for a 0.32 inch T-slot with a 5/16”-18 thread

*Please contact Framing Tech for additional ordering options & savings on bulk orders*
### Double Economy T-nuts

**Features:**
- Inch profile fasteners
- Economical slide-in style T-nut used for any light duty holding or mounting application.

**Technical Specifications:**
- **Material:** Steel
- **Finish:** Black-Zinc Plated
- **Weight**
  - DEN26 = 6.9 - 8.4 g
  - DEN32 = 14.3 - 16.5 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEN268-32</td>
<td>Double economy T-nut for a 0.26 inch T-slot with a 8-32 thread</td>
</tr>
<tr>
<td>DEN261/4-20</td>
<td>Double economy T-nut for a 0.26 inch T-slot with a 1/4”-20 thread</td>
</tr>
<tr>
<td>DEN325/16-18</td>
<td>Double economy T-nut for a 0.32 inch T-slot with a 5/16-18 thread</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
**T-bolts**

**Features:**
- Metric and inch profile fasteners
- Used to fasten panels or components to the T-slot.
- Serrations on the T-bolt provides a vibration proof and electrically conductive connection.
- For ESD applications use as a grounding-lug.
- Add “W” at end of part ID for hardware:
  - M6 = M6 Flange Nut
  - M8 = M8 Flange Nut
  - 5/16 = 5/16"-18 Flange Nut

**Technical Specifications:**
- Material: Steel
- Finish: Zinc Plated
- Weight: 20 g

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Descriptions (Ordering Options)</th>
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<tbody>
<tr>
<td>TB08M6x16</td>
<td>T-bolt for a 8mm T-slot, with a M6 thread, 16mm long</td>
</tr>
<tr>
<td>TB08M6x20</td>
<td>T-bolt for a 8mm T-slot, with a M6 thread, 20mm long</td>
</tr>
<tr>
<td>TB08M6x25</td>
<td>T-bolt for a 8mm T-slot, with a M6 thread, 25mm long</td>
</tr>
<tr>
<td>TB08M6x30</td>
<td>T-bolt for a 8mm T-slot, with a M6 thread, 30mm long</td>
</tr>
<tr>
<td>TB08M8x20</td>
<td>T-bolt for a 8mm T-slot, with a M8 thread, 20mm long</td>
</tr>
<tr>
<td>TB08M8x25</td>
<td>T-bolt for a 8mm T-slot, with a M8 thread, 25mm long</td>
</tr>
<tr>
<td>TB08M8x30</td>
<td>T-bolt for a 8mm T-slot, with a M8 thread, 30mm long</td>
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<tr>
<td>TB10M8x20</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 20mm long</td>
</tr>
<tr>
<td>TB10M8x25</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 25mm long</td>
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<tr>
<td>TB10M8x30</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 30mm long</td>
</tr>
<tr>
<td>TB10M8x40</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 40mm long</td>
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<tr>
<td>TB10M8x50</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 50mm long</td>
</tr>
<tr>
<td>TB10M8x60</td>
<td>T-bolt for a 10mm T-slot, with a M8 thread, 60mm long</td>
</tr>
<tr>
<td>TB325/16-18x3/4</td>
<td>T-bolt for a 0.32 inch T-slot, with a 5/16”-18 thread, 3/4” long</td>
</tr>
<tr>
<td>TB325/16-18x1</td>
<td>T-bolt for a 0.32 inch T-slot, with a 5/16”-18 thread, 1” long</td>
</tr>
<tr>
<td>TB325/16-18x1-1/4</td>
<td>T-bolt for a 0.32 inch T-slot, with a 5/16”-18 thread, 1-1/4” long</td>
</tr>
<tr>
<td>TB325/16-18x1-1/2</td>
<td>T-bolt for a 0.32 inch T-slot, with a 5/16”-18 thread, 1-1/2” long</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders
Leveling Feet (Pre-Assembled)

Features:
- Metric and inch profile leveling feet
- These part IDs are Framing Tech’s standards for pre-assembled leveling feet
- For custom made footing refer to page 5-2, to see options.

Part ID Decoder:

**LF - ## - M - H - XX - LL - SS**

- **LF** - Leveling Foot
- **##** - Pad Diameter (ex: 30 = 30mm)
- **M** - Pad Material (ex: N = Nylon)
- **H** - Pad Holes (ex: N = No Holes)
- **XX** - Stud Thread (ex: M8 = M8x1.25)
- **LL** - Stud Length (ex: 66 = 66mm)
- **SS** - Stainless Steel Option

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF30NNM840</td>
<td>30mm diameter pad, nylon (no holes), with M8 thread, 40mm stud length</td>
</tr>
<tr>
<td>LF30NNM1266</td>
<td>30mm diameter pad, nylon (no holes), with M12 thread, 66mm stud length</td>
</tr>
<tr>
<td>LF30NN5/16-18x1.5</td>
<td>30mm diameter pad, nylon (no holes), with 5/16”-18 thread, 1.5 inch stud length</td>
</tr>
<tr>
<td>LF40NN5/16-18x1.5</td>
<td>40mm diameter pad, nylon (no holes), with 5/16”-18 thread, 1.5 inch stud length</td>
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<tr>
<td>LF45DNM1245</td>
<td>45mm diameter pad, die-cast zinc (no holes), with M12 thread, 45mm stud length</td>
</tr>
<tr>
<td>LF45DNM1266</td>
<td>45mm diameter pad, die-cast zinc (no holes), with M12 thread, 66mm stud length</td>
</tr>
<tr>
<td>LF45DNM12100</td>
<td>45mm diameter pad, die-cast zinc (no holes), with M12 thread, 100mm stud length</td>
</tr>
<tr>
<td>LF45NNM1245</td>
<td>45mm diameter pad, nylon (no holes), with M12 thread, 45mm stud length</td>
</tr>
<tr>
<td>LF45NNM1266</td>
<td>45mm diameter pad, nylon (no holes), with M12 thread, 66mm stud length</td>
</tr>
<tr>
<td>LF45NMM12100</td>
<td>45mm diameter pad, nylon (no holes), with M12 thread, 100mm stud length</td>
</tr>
<tr>
<td>LF45NMM12150</td>
<td>45mm diameter pad, nylon (no holes), with M12 thread, 150mm stud length</td>
</tr>
<tr>
<td>LF45NN1/2-13x2.5</td>
<td>45mm diameter pad, nylon (no holes), with 1/2”-13 thread, 2.5 inch stud length</td>
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<tr>
<td>LF80DBM1266</td>
<td>80mm diameter pad, die-cast zinc (with holes), with M12 thread, 66mm stud length</td>
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<td>LF80DBM12100</td>
<td>80mm diameter pad, die-cast zinc (with holes), with M12 thread, 100mm stud length</td>
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<td>LF80DNM16100</td>
<td>80mm diameter pad, die-cast zinc (no holes), with M16 thread, 100mm stud length</td>
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<td>LF80DNM16150</td>
<td>80mm diameter pad, die-cast zinc (no holes), with M16 thread, 150mm stud length</td>
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<td>LF80NBM1266</td>
<td>80mm diameter pad, nylon (with holes), with M12 thread, 66mm stud length</td>
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<tr>
<td>LF80NBB1/2-13x2.5</td>
<td>80mm diameter pad, nylon (with holes), with 1/2”-13 thread, 2.5 inch stud length</td>
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<tr>
<td>LF100DBM1266</td>
<td>100mm diameter pad, die-cast zinc (with holes), with M12 thread, 66mm stud length</td>
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<td>LF100DB3/4-10X4</td>
<td>100mm diameter pad, die-cast zinc (with holes), with 3/4”-10 thread, 4 inch stud length</td>
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<tr>
<td>LF100NMM1266</td>
<td>100mm diameter pad, nylon (with holes), with M12 thread, 66mm stud length</td>
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<tr>
<td>LF100SNNM1266</td>
<td>100mm diameter pad, stainless steel (no holes), with M12 thread, 66mm stud length</td>
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</table>
# Leveling Foot Part Options

**Features:**
- Framing Tech standards are to keep pad size equal to or less than the profile’s overall dimensions.
- All studs can be zinc-plated or stainless steel
- Studs will also come with appropriate size jam nut.

**Pad Material:**
- DB - Die-cast Zinc (with holes)
- DN - Die-cast Zinc (no holes)
- NB - Fiberglass Reinforced Nylon (with holes)
- NN - Fiberglass Reinforced Nylon (no holes)
- SB - Stainless Steel (with holes)
- SN - Stainless Steel (no holes)

## Pad Diameter

<table>
<thead>
<tr>
<th>Pad Diameter</th>
<th>DB</th>
<th>DN</th>
<th>NB</th>
<th>NN</th>
<th>SB</th>
<th>SN</th>
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## Stud Thread Length

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<th>45 mm</th>
<th>66 mm</th>
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<th>2.0 in</th>
<th>2.5 in</th>
<th>3.0 in</th>
<th>3.5 in</th>
<th>4.0 in</th>
<th>5.0 in</th>
<th>6.0 in</th>
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</tbody>
</table>
Floor Bracket

Features:
- Metric and inch profile floor brackets
- Securely fixes profiles to the floor.
- Ideal for conveyor frame legs.
- Uses M6 or 1/4”-20 mounting hardware.

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Black Powder Coat
- Weight: 84.0 grams
- Height: 120 mm or 160 mm

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB08120</td>
<td>Floor bracket for 8 mm T-slot profiles, height of 120 mm</td>
</tr>
<tr>
<td>FB08120W</td>
<td>Floor bracket for 8 mm T-slot profiles, height of 120 mm, with mounting hardware</td>
</tr>
<tr>
<td>FB08160</td>
<td>Floor bracket for 8 mm T-slot profiles, height of 160 mm</td>
</tr>
<tr>
<td>FB08160W</td>
<td>Floor bracket for 8 mm T-slot profiles, height of 160 mm, with mounting hardware</td>
</tr>
<tr>
<td>FB32120</td>
<td>Floor bracket for 0.32 inch T-slot profiles, height of 120 mm</td>
</tr>
<tr>
<td>FB32120W</td>
<td>Floor bracket for 0.32 inch T-slot profiles, height of 120 mm, with mounting hardware</td>
</tr>
<tr>
<td>FB32160</td>
<td>Floor bracket for 0.32 inch T-slot profiles, height of 160 mm</td>
</tr>
<tr>
<td>FB32160W</td>
<td>Floor bracket for 0.32 inch T-slot profiles, height of 160 mm, with mounting hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Floor Bracket (Adjustable)

Features:
- Metric and inch profile floor brackets
- Securely fixes profiles to the floor.
- Allows for vertical adjustments of legs.
- Ideal for conveyor frame legs.
- Uses M8 or 5/16”-18 mounting hardware.

Hardware:
- M8 - M8 x 15 SHCS & TN10M8
- 5/16 - 5/16”-18 x 1/2” SHCS & TN325/16-18

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Black Powder Coat
- Weight: 110 grams
- Height: 160 mm

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBA10160</td>
<td>Floor bracket adjustable for 10 mm T-slot profiles</td>
</tr>
<tr>
<td>FBA10160W</td>
<td>Floor bracket adjustable for 10 mm T-slot profiles, with M8 mounting hardware</td>
</tr>
<tr>
<td>FBA32160</td>
<td>Floor bracket adjustable for 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>FBA32160W</td>
<td>Floor bracket adjustable for 0.32 inch T-slot profiles, with 5/16” mounting hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Floor Bracket (Aluminum)

**Features:**
- Metric and inch profile floor brackets
- Fixes profile to the floor.
- Ideal for smaller frames.

**Hardware:**
- 6mm T-slot: M4 x 12 BHCS, TN06M4
- 8mm T-slot: M6 x 16 BHCS, TN08M6
- 10mm T-slot: M8 x 20 BHCS, TN10M8

**Technical Specifications:**
- Material: Aluminum
- Finish: Anodized
- Weight: 60 - 133 grams
- Height: 140 mm

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB06140-201S</td>
<td>Floor bracket for 20mm profile with 6 mm T-slot, single slot</td>
</tr>
<tr>
<td>FB06140-201SW</td>
<td>Floor bracket for 20mm profile with 6 mm T-slot, single slot, includes hardware</td>
</tr>
<tr>
<td>FB06140-202S</td>
<td>Floor bracket for 20mm profile with 6 mm T-slots, double slot</td>
</tr>
<tr>
<td>FB06140-202SW</td>
<td>Floor bracket for 20mm profile with 6 mm T-slots, double slot, includes hardware</td>
</tr>
<tr>
<td>FB08140-301S</td>
<td>Floor bracket for 30mm profile with 8 mm T-slot, single slot</td>
</tr>
<tr>
<td>FB08140-301SW</td>
<td>Floor bracket for 30mm profile with 8 mm T-slot, single slot, includes hardware</td>
</tr>
<tr>
<td>FB08140-302S</td>
<td>Floor bracket for 30mm profile with 8 mm T-slot, double slot</td>
</tr>
<tr>
<td>FB08140-302SW</td>
<td>Floor bracket for 30mm profile with 8 mm T-slot, double slot, includes hardware</td>
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<tr>
<td>FB10140-401S</td>
<td>Floor bracket for 40mm profile with 10 mm T-slot, single slot</td>
</tr>
<tr>
<td>FB10140-401SW</td>
<td>Floor bracket for 40mm profile with 10 mm T-slot, single slot, includes hardware</td>
</tr>
<tr>
<td>FB10140-402S</td>
<td>Floor bracket for 40mm profile with 10 mm T-slot, double slot</td>
</tr>
<tr>
<td>FB10140-402SW</td>
<td>Floor bracket for 40mm profile with 10 mm T-slot, double slot, includes hardware</td>
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<td>Floor bracket for 45mm profile with 10 mm T-slot, single slot</td>
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<td>FB10140-451SW</td>
<td>Floor bracket for 45mm profile with 10 mm T-slot, single slot, includes hardware</td>
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<td>FB10140-452S</td>
<td>Floor bracket for 45mm profile with 10 mm T-slot, double slot</td>
</tr>
<tr>
<td>FB10140-452SW</td>
<td>Floor bracket for 45mm profile with 10 mm T-slot, double slot, includes hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Foundation Bracket (Steel)

Features:
- Metric profile foundation brackets
- Typical bracket used to secure extruded frame to floor.
- Anchoring hardware can be supplied if requested.

Hardware:
- Mounting - (2x) T-bolts (TB1020W)

Technical Specifications:
- Material: Steel
- Finish: Zinc Plated
- Weight: 456 grams
- Height: 200 mm

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
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</thead>
<tbody>
<tr>
<td>FB10200</td>
<td>Foundation bracket for the 45 mm profile series</td>
</tr>
<tr>
<td>FB10200W</td>
<td>Foundation bracket for the 45 mm profile series, with hardware</td>
</tr>
<tr>
<td>FB10200WA</td>
<td>Foundation bracket for the 45 mm profile series, with hardware and floor anchor</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional ordering options & savings on bulk orders.
Foundation Bracket (Aluminum)

Features:
- Metric profile foundation bracket
- Use as a foundation bracket or as a left/right shelf bracket.
- Anchoring hardware can be supplied if requested.

Hardware:
- Mounting - (2x) T-bolts (TB1025W)

Technical Specifications:
- Material: Die-cast Aluminum
- Finish: Plain
- Weight: 300 grams
- Height: 175 mm

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<th>Part ID</th>
<th>Description (Ordering Options)</th>
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<tbody>
<tr>
<td>FB10175L</td>
<td>Foundation bracket for 10 mm T-slot profile, left handed</td>
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<tr>
<td>FB10175LW</td>
<td>Foundation bracket for 10 mm T-slot profile, left handed, with mounting hardware</td>
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<tr>
<td>FB10175R</td>
<td>Foundation bracket for 10 mm T-slot profile, right handed</td>
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<tr>
<td>FB10175RW</td>
<td>Foundation bracket for 10 mm T-slot profile, right handed, with mounting hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Floor Mount Base

**Features:**
- Metric and inch profile floor bases
- Bracket is used to secure frames to the floor.
- For heavy duty frames that need extra strength
- Floor anchoring is usually provided by the end user, but can be supplied if requested.

**Technical Specifications:**
- **Material:** Die-cast Aluminum
- **Finish:** Plain
- **Weight:** 820 grams
- **Height:** 100 mm

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<th>Description (Ordering Options)</th>
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<td>FM40</td>
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<tr>
<td>FM40W</td>
<td>Floor mount for a 40 x 40 mm profile, includes 10 mm T-slot hardware</td>
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<tr>
<td>FM45</td>
<td>Floor mount for a 45 x 45 mm profile</td>
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<tr>
<td>FM45W</td>
<td>Floor mount for a 45 x 45 mm profile, includes 10 mm T-slot hardware</td>
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<tr>
<td>FM1.5</td>
<td>Floor mount for a 1.5 in x 1.5 in profile</td>
</tr>
<tr>
<td>FM1.5W</td>
<td>Floor mount for a 1.5 in x 1.5 in profile, includes 0.32 in T-slot hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Base Plate (Metric)

Features:
- Metric profile base plates
- Base plates are adapters for mounting a single leveling foot onto a profile where there is no center-bore for tapping.
- Tapping profile’s center-bores are needed for base plate mounting screws.

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Plain
- Color: Silver
- Weight: 94 - 482 grams
- Height: 16 mm (5/8 in)

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<th>Part ID</th>
<th>Description (Ordering Options)</th>
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<td>BP3060M8</td>
<td>Base plate for 30x60 mm profile, with a centered M8 thread</td>
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<tr>
<td>BP3060M12</td>
<td>Base plate for 30x60 mm profile, with a centered M12 thread</td>
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<tr>
<td>BP4080M8</td>
<td>Base plate for 40x80 mm profile, with a centered M8 thread</td>
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<tr>
<td>BP4080M12</td>
<td>Base plate for 40x80 mm profile, with a centered M12 thread</td>
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<td>Base plate for 40x80 mm profile, with a centered M16 thread</td>
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<td>BP4590M12</td>
<td>Base plate for 45x90 mm profile, with a centered M12 thread</td>
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<td>BP4590M16</td>
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<td>BP9090M12</td>
<td>Base plate for 90x90 mm profile, with a centered M12 thread</td>
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<tr>
<td>BP9090M16</td>
<td>Base plate for 90x90 mm profile, with a centered M16 thread</td>
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</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
## Base Plate (Inch)

### Features:
- Inch profile base plates
- Base plates are adapters for mounting a single leveling foot onto a profile where there is no center-bore for tapping.
- Tapping profile’s center-bores are needed for base plate mounting screws.

### Technical Specifications:
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver
- Weight: 0.078 - 0.6 lbs
- Height: 1/2 in (12.7 mm)

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<th>Description (Ordering Options)</th>
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<tbody>
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<td>BP1.02.05/16-18</td>
<td>Base plate for 1 inch x 2 inch profile, with a centered 5/16-18 thread</td>
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<tr>
<td>BP1.02.01/4-20</td>
<td>Base plate for 1 inch x 2 inch profile, with a centered 1/4-20 thread</td>
</tr>
<tr>
<td>BP1.02.03/8-16</td>
<td>Base plate for 1 inch x 2 inch profile, with a centered 3/8-16 thread</td>
</tr>
<tr>
<td>BP1.02.01/2-13</td>
<td>Base plate for 1 inch x 2 inch profile, with a centered 1/2-13 thread</td>
</tr>
<tr>
<td>BP1.53.03/8-16</td>
<td>Base plate for 1.5 inch x 3 inch profile, with a centered 3/8-16 thread</td>
</tr>
<tr>
<td>BP1.53.01/2-13</td>
<td>Base plate for 1.5 inch x 3 inch profile, with a centered 1/2-13 thread</td>
</tr>
<tr>
<td>BP1.53.03/4-10</td>
<td>Base plate for 1.5 inch x 3 inch profile, with a centered 3/4-10 thread</td>
</tr>
<tr>
<td>BP2.02.05/16-18</td>
<td>Base plate for 2 inch x 2 inch profile, with a centered 5/16-18 thread</td>
</tr>
<tr>
<td>BP2.02.03/8-16</td>
<td>Base plate for 2 inch x 2 inch profile, with a centered 3/8-16 thread</td>
</tr>
<tr>
<td>BP2.02.01/2-13</td>
<td>Base plate for 2 inch x 2 inch profile, with a centered 1/2-13 thread</td>
</tr>
<tr>
<td>BP2.02.03/4-10</td>
<td>Base plate for 2 inch x 2 inch profile, with a centered 3/4-10 thread</td>
</tr>
<tr>
<td>BP3.03.01/2-13</td>
<td>Base plate for 3 inch x 3 inch profile, with a centered 1/2-13 thread</td>
</tr>
<tr>
<td>BP3.03.03/4-10</td>
<td>Base plate for 3 inch x 3 inch profile, with a centered 3/4-10 thread</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*

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5-10

Frame To Floor

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www.FramingTech.com  Call: 585.464.8470  E-mail: Sales@FramingTech.com
Caster Base Plates

Features:
- Metric and inch profile caster base plates
- Caster base plates are used for converting unaligned holes of caster plates, to T-slots of the frames
- Custom base plates can be fabricated to suit custom caster mounting hole placements
- Shown are the most commonly used plates by Framing Tech

Technical Specifications:
- Material: Aluminum
- Finish: Clear Anodized
- Color: Silver
- Weight: 0.6 lbs
- Height: 3/4 in (19.1 mm)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSP1.53.0</td>
<td>Caster Base Plate for 1.5 inch x 3 inch profile, with Four 1/4-20 threaded holes</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
## Casters

**Features:**
- Metric and inch profile casters
- Casters are mounted to frame directly or by a caster plate
- Any commercial type casters are available
- Contact Framing Tech for frame needs and availabilities, or for suggestions

**Part ID Decoder:**

```
ST - XX - MAT - LK - ###
```

- **ST:** Is the type of caster needed
- **XX:** Is the wheel diameter in inches
- **MAT:** Is material of the wheel
- **LK:** Is the type of lock needed
- **###:** Is what is the capacity that the wheel needs to hold

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HKCSTR - Hollow Kingpin</td>
<td>A modular swivel stem caster with a hollow rivet which accept a variety of mounting stems</td>
</tr>
<tr>
<td>KPCSTR - Kingpin</td>
<td>A single swivel threaded stem caster that mounts into a tapped hole (usually into profile ends)</td>
</tr>
<tr>
<td>RGCSTR - Rigid</td>
<td>A standard rigid caster, with a stationary plate that mounts to frame with fastners provided</td>
</tr>
<tr>
<td>SWCSTR - Swivel</td>
<td>A standard swivel caster, with a swivel plate that mounts to frame with fastners provided</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material</th>
<th>Description (Materials shown are Framing Tech standards)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB - Rubber</td>
<td>Non-marking thermoplastic elastomer tread bonded to a polyolefin core</td>
</tr>
<tr>
<td>PH - Phenolic</td>
<td>Molded macerated fabric filled with phenolic resin plastic</td>
</tr>
<tr>
<td>PU - Polyurethane</td>
<td>Polyurethane thread mechanically locked to a polyolefin core</td>
</tr>
<tr>
<td>CI - Cast Iron</td>
<td>Solid high grade cast iron steel wheel</td>
</tr>
<tr>
<td>NL - Nylon</td>
<td>Nylon is molded in, around and through an aluminum core</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lock</th>
<th>Description (Brake types are not available on all casters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLB - Direct tread brake</td>
<td>Locks wheel by the thread with a simple press of the foot lock</td>
</tr>
<tr>
<td>SLB - Side lock brake</td>
<td>Locks wheel by tightening axis with a simple press of the foot lock located on the side</td>
</tr>
<tr>
<td>SWL - Swivel only lock</td>
<td>Locks swivel capability in 90° degree intervals only, make swivel into a rigid caster</td>
</tr>
<tr>
<td>TLB - Total lock brake</td>
<td>Locks swivel and wheel in one press of the foot lock</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ratings</th>
<th>Description (Rating is an approximate per each wheel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nylon</td>
<td>Depending on the type and size of caster can be rated up to 1500 pounds</td>
</tr>
<tr>
<td>Polyurethane</td>
<td>Depending on the type and size of caster can be rated up to 1500 pounds</td>
</tr>
<tr>
<td>Rubber</td>
<td>Depending on the type and size of caster can be rated up to 1700 pounds</td>
</tr>
<tr>
<td>Cast Iron</td>
<td>Depending on the type and size of caster can be rated up to 3000 pounds</td>
</tr>
<tr>
<td>Phenolic</td>
<td>Depending on the type and size of caster can be rated up to 3500 pounds</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Plastic Hinge (20 mm Profile)

Features:
- 20 mm profile plastic hinge
- Typical hinge for mounting 20 mm profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

Technical Specifications:
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 28 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG20</td>
<td>Plastic hinge for 20 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG20W</td>
<td>Includes (1) HG20 with hardware (4) M4x10FHCS and (4) TN06M4</td>
</tr>
<tr>
<td>HG20LH</td>
<td>Plastic hinge for 20 mm profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG20LHW</td>
<td>Includes (1) HG20LH with hardware (4) M4x10FHCS and (4) TN06M4</td>
</tr>
<tr>
<td>HG20RH</td>
<td>Plastic hinge for 20 mm profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG20RHW</td>
<td>Includes (1) HG20RH with hardware (4) M4x10FHCS and (4) TN06M4</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Plastic Hinge (30 mm Profile)

**Features:**
- 30 mm profile plastic hinge
- Typical hinge for mounting 30 mm profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

**Technical Specifications:**
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 36 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG30</td>
<td>Plastic hinge for 30 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG30W</td>
<td>Includes (1) HG30 with hardware (4) M6x12FHCS &amp; (4) TN08M6</td>
</tr>
<tr>
<td>HG30WH</td>
<td>Plastic hinge for 30 mm profile, fixed hinge with a position lock handle</td>
</tr>
<tr>
<td>HG30WHW</td>
<td>Includes (1) HG30WH with hardware (4) M6x12FHCS &amp; (4) TN08M6</td>
</tr>
<tr>
<td>HG30LH</td>
<td>Plastic hinge for 30 mm profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG30LHW</td>
<td>Includes (1) HG30LH with hardware (4) M6x12FHCS &amp; (4) TN08M6</td>
</tr>
<tr>
<td>HG30RH</td>
<td>Plastic hinge for 30 mm profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG30RHW</td>
<td>Includes (1) HG30RH with hardware (4) M6x12FHCS &amp; (4) TN08M6</td>
</tr>
<tr>
<td>HG3045</td>
<td>Plastic hinge for 30 mm profile to a 45 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG3045W</td>
<td>Includes (1) HG3045 with hardware (4) M6x12FHCS and (4) TN08M6</td>
</tr>
<tr>
<td>HG3045LH</td>
<td>Plastic hinge for 30 mm profile to a 45 mm profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG3045LHW</td>
<td>Includes (1) HG3045LH with hardware (4) M6x12FHCS and (4) TN08M6</td>
</tr>
<tr>
<td>HG3045RH</td>
<td>Plastic hinge for 30 mm profile to a 45 mm profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG3045RHW</td>
<td>Includes (1) HG3045RH with hardware (4) M6x12FHCS and (4) TN08M6</td>
</tr>
<tr>
<td>HG3060</td>
<td>Plastic hinge for 30 mm profile to a 45 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG3060W</td>
<td>Includes (1) HG3060 with hardware (4) M6x12FHCS and (4) TN08M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Plastic Hinge (40 mm Profile)

Features:
- 40 mm profile plastic hinges
- Typical hinge for mounting 40 mm profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

Technical Specifications:
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 43 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG40</td>
<td>Plastic hinge for 40 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG40W</td>
<td>Includes (1) HG40 with hardware (4) M6x16FHCS &amp; (4) TN10M6</td>
</tr>
<tr>
<td>HG40WH</td>
<td>Plastic hinge for 40 mm profile, fixed hinge with a position lock handle</td>
</tr>
<tr>
<td>HG40WHW</td>
<td>Includes (1) HG40WH with hardware (4) M6x16FHCS &amp; (4) TN10M6</td>
</tr>
<tr>
<td>HG40ADJ</td>
<td>Plastic hinge for 40 mm profile, fixed hinge with a “keyed” position lock hinge</td>
</tr>
<tr>
<td>HG40ADJW</td>
<td>Includes (1) HG40ADJ with hardware (4) M6x16BHCS &amp; (4) TN10M6</td>
</tr>
<tr>
<td>HG40LH</td>
<td>Plastic hinge for 40 mm profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG40LHW</td>
<td>Includes (1) HG40LH with hardware (4) M6x16FHCS &amp; (4) TN10M6</td>
</tr>
<tr>
<td>HG40RH</td>
<td>Plastic hinge for 40 mm profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG40RHW</td>
<td>Includes (1) HG40RH with hardware (4) M6x16FHCS &amp; (4) TN10M6</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional ordering options & savings on bulk orders.
### Plastic Hinge (45 mm Profile)

**Features:**
- 45 mm profile plastic hinges
- Typical hinge for mounting 45 mm profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

**Technical Specifications:**
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 45 grams

### Part ID | Description (Ordering Options)
--- | ---
HG45 | Plastic hinge for 45 mm profile, fixed hinge
HG45W | Includes (1) HG45 with hardware (4) M6x16FHCS and (4) TN10M6
HG45WH | Plastic hinge for 45 mm profile, fixed hinge with position locking handle
HG45WHW | Includes (1) HG45WH with hardware (4) M6x16FHCS and (4) TN10M6
HG45LH | Plastic hinge for 45 mm profile, left handed “lift-off” hinge
HG45LHW | Includes (1) HG45LH with hardware (4) M6x16FHCS and (4) TN10M6
HG45RH | Plastic hinge for 45 mm profile, right handed “lift-off” hinge
HG45RHW | Includes (1) HG45RH with hardware (4) M6x16FHCS and (4) TN10M6
HG4560 | Plastic hinge for 45 mm profile to a 60 mm profile, fixed hinge
HG4560W | Includes (1) HG4560 with hardware (4) M6x16FHCS and (4) TN10M6

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Plastic Hinge (60 mm Profile)

Features:
- 60 mm profile plastic hinges
- Typical hinge for mounting 60 mm profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

Technical Specifications:
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 55 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG60</td>
<td>Plastic hinge for 60 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG60W</td>
<td>Includes (1) HG60 with hardware (4) M6x16FHCS and (4) TN10M6</td>
</tr>
<tr>
<td>HG60LH</td>
<td>Plastic hinge for 60 mm profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG60LHW</td>
<td>Includes (1) HG45LH with hardware (4) M6x16FHCS and (4) TN10M6</td>
</tr>
<tr>
<td>HG60RH</td>
<td>Plastic hinge for 60 mm profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG60RHW</td>
<td>Includes (1) HG45RH with hardware (4) M6x16FHCS and (4) TN10M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Door Accessories

Plastic Hinges (1 Inch Profile)

Features:
- 1 inch profile plastic hinges
- Typical hinge for mounting 1 inch profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

Technical Specifications:
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 8 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG1.0</td>
<td>Plastic hinge for 1 inch profile, fixed hinge</td>
</tr>
<tr>
<td>HG1.0W</td>
<td>Includes (1) HG1.0 with hardware (4) 1/4-20x3/8FHCS and (4) EN261/4-20</td>
</tr>
<tr>
<td>HG1.0WH</td>
<td>Plastic hinge for 1 inch profile, fixed hinge with position locking handle</td>
</tr>
<tr>
<td>HG1.0WHW</td>
<td>Includes (1) HG1.0WH with hardware (4) 1/4-20x3/8FHCS and (4) EN261/4-20</td>
</tr>
<tr>
<td>HG1.0LH</td>
<td>Plastic hinge for 1 inch profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG1.0LHW</td>
<td>Includes (1) HG1.0LH with hardware (4) 1/4-20x3/8FHCS and (4) EN261/4-20</td>
</tr>
<tr>
<td>HG1.0RH</td>
<td>Plastic hinge for 1 inch profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG1.0RHW</td>
<td>Includes (1) HG1.0RH with hardware (4) 1/4-20x3/8FHCS and (4) EN261/4-20</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Plastic Hinges (1.5 Inch Profile)

Features:
- 1.5 inch profile plastic hinges
- Typical hinge for mounting 1.5 inch profiles together
- Can also be mounted directly to a panel material for panel door
- Can be used to hinge two walls sections for a needed angle
- Door gap is 5 mm all around

Technical Specifications:
- Material: Fiberglass Reinforce Nylon
- Pin Material: Stainless Steel
- Color: Black
- Weight: 40 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG1.5</td>
<td>Plastic hinge for 1.5 inch profile, fixed hinge</td>
</tr>
<tr>
<td>HG1.5W</td>
<td>Includes (1) HG1.5 with hardware (4) 1/4-20x5/8FHCS &amp; (4) EN321/4-20</td>
</tr>
<tr>
<td>HG1.5WH</td>
<td>Plastic hinge for 1.5 inch profile, fixed hinge with a position lock handle</td>
</tr>
<tr>
<td>HG1.5WHW</td>
<td>Includes (1) HG1.5WH with hardware (4) 1/4-20x5/8FHCS &amp; (4) EN321/4-20</td>
</tr>
<tr>
<td>HG1.5ADJ</td>
<td>Plastic hinge for 1.5 inch profile, fixed hinge with a “keyed” position lock hinge</td>
</tr>
<tr>
<td>HG1.5ADJW</td>
<td>Includes (1) HG1.5ADJ with hardware (4) 1/4-20x5/8FHCS &amp; (4) EN321/4-20</td>
</tr>
<tr>
<td>HG1.5LH</td>
<td>Plastic hinge for 1.5 inch profile, left handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG1.5LHW</td>
<td>Includes (1) HG1.5LH with hardware (4) 1/4-20x5/8FHCS &amp; (4) EN321/4-20</td>
</tr>
<tr>
<td>HG1.5RH</td>
<td>Plastic hinge for 1.5 inch profile, right handed “lift-off” hinge</td>
</tr>
<tr>
<td>HG1.5RHW</td>
<td>Includes (1) HG1.5RH with hardware (4) 1/4-20x5/8FHCS &amp; (4) EN321/4-20</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Door Accessories

Metal Hinges (Metric Profile)

Features:
- Metric profile metal hinges
- Heavy-duty hinge for high stress doors
- Slotted mounting holes for adjustable door gap or mounting to different size profiles
- Door gap is 5mm all around

Technical Specifications:
- Material: Die-cast Zinc
- Pin Material: Stainless Steel
- Finish: Powder Coated
- Color: Black
- Weight: HG30: 68.4 grams
  HG45: 210 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG30M</td>
<td>Metal hinge for 30 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG30MW</td>
<td>Includes (1) HG30M with hardware (4) M6x14FHCS and (4) TN08M6</td>
</tr>
<tr>
<td>HG45M</td>
<td>Metal hinge for 45 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG45MW</td>
<td>Includes (1) HG45M with hardware (4) M8x20BHCS and (4) TN10M8</td>
</tr>
<tr>
<td>HG45ML</td>
<td>Metal hinge for 45 mm profile, fixed hinge with a locking handle</td>
</tr>
<tr>
<td>HG45MLW</td>
<td>Includes (1) HG45ML with hardware (4) M8x20BHCS and (4) TN10M8</td>
</tr>
<tr>
<td>HG4560M</td>
<td>Metal hinge for connecting a 45 mm profile to a 60 mm profile, slotted fixed hinge</td>
</tr>
<tr>
<td>HG4560MW</td>
<td>Includes (1) HG4560M with hardware (4) M8x20BHCS and (4) TN10M8</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
**Light Metal Hinge**

**Features:**
- Light duty hinge
- Ideal for mounting a panel door
- Door swing can be set for a 90 degree or 180 degree opening
- Mounting slots are for M5 or 10-32 hardware

**Technical Specifications:**
- Material: Steel
- Finish: Powder Coated
- Color: Black
- Weight: 39 grams

---

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HGSM</td>
<td>Light metal hinge for most profiles</td>
</tr>
</tbody>
</table>

- **Please contact Framing Tech for additional ordering options & savings on bulk orders.**
# Door Accessories

## Flag Hinge Conceal (Metric)

**Features:**
- Metric profile flag hinges
- Concealed is ideal for mounting a door to a frame that is using smooth surface profiles
- Hinge barrel is all that shows
- Hinge can be set for a “fixed” or “lift-off” setting
- Typical door gap in 4mm all around

**Technical Specifications:**
- Material: Die-cast Aluminum
- Pin Material: Stainless Steel
- Finish: Plain
- Color: Silver
- Weight: 20 grams to 28 grams

### Part ID | Description (Ordering Options)
--- | ---
HGF30 | Flag hinge conceal for 30 mm profile, fixed or lift-off hinge
HGF30W | Includes (1) HGF30 with hardware (4) M6x12FHCS and (4) TN08M6
HGF3045 | Flag hinge conceal connects 30 mm profile to 45 mm profile, fixed or lift-off hinge
HGF3045W | Includes (1) HGF3045 with hardware (2) M6x12FHCS, (2) M6x16FHCS, (2) TN08M6 and (2) TN10M6
HGF40 | Flag hinge conceal for 40 mm profile, fixed or lift-off hinge
HGF40W | Includes (1) HGF45 with hardware (4) M6x16FHCS, and (4) TN10M6
HGF45 | Flag hinge conceal for 45 mm profile, fixed or lift-off hinge
HGF45W | Includes (1) HGF45 with hardware (4) M6x16FHCS, and (4) TN10M6
HGF4560 | Flag hinge conceal connects 45 mm profile to 60 mm profile, fixed or lift-off hinge
HGF4560W | Includes (1) HGF4560 with hardware (4) M6x16FHCS, and (4) TN10M6
HGF60 | Flag hinge conceal for 60 mm profile, fixed or lift-off hinge
HGF60W | Includes (1) HGF45 with hardware (4) M6x16FHCS, and (4) TN10M6

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
**Flag Hinge Clad (Metric)**

**Features:**
- Metric profile flag hinges
- Hinges can be set for a “fixed” or “lift-off” setting
- Hinges have a zero clearance gap

**Technical Specifications:**
- Material: Die-cast Aluminum
- Pin Material: Stainless Steel
- Finish: Plain
- Color: Silver
- Weight: 20 grams to 28 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HGFC30</td>
<td>Flag hinge clad for 30 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC30W</td>
<td>Includes (1) HGFC30 with hardware (4) M6x12FHCS and (4) TN08M6</td>
</tr>
<tr>
<td>HGFC3045</td>
<td>Flag hinge clad connects 30 mm profile to 45 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC3045W</td>
<td>Includes (1) HGFC3045 with hardware (2) M6x12FHCS, (2) M6x16FHCS, (2) TN08M6 and (2) TN10M6</td>
</tr>
<tr>
<td>HGFC40</td>
<td>Flag hinge clad for 40 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC40W</td>
<td>Includes (1) HGFC45 with hardware (4) M6x16FHCS, and (4) TN10M6</td>
</tr>
<tr>
<td>HGFC45</td>
<td>Flag hinge clad for 45 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC45W</td>
<td>Includes (1) HGFC45 with hardware (4) M6x16FHCS, and (4) TN10M6</td>
</tr>
<tr>
<td>HGFC4560</td>
<td>Flag hinge clad connects 45 mm profile to 60 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC4560W</td>
<td>Includes (1) HGFC4560 with hardware (4) M6x16FHCS, and (4) TN10M6</td>
</tr>
<tr>
<td>HGFC60</td>
<td>Flag hinge clad for 60 mm profile, fixed or lift-off hinge</td>
</tr>
<tr>
<td>HGFC60W</td>
<td>Includes (1) HGFC45 with hardware (4) M6x16FHCS, and (4) TN10M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
6-12
Door Accessories

HGF-Backer

Features:
- Use backer plate for hinged panel doors.
- Use with flag hinges concealed and/or clad.
- Has two M6 tapped holes

Technical Specifications:
- Material: Steel
- Finish: Plain
- Color: Silver
- Weight: 18.1 grams

Part ID | Description (Ordering Options)
-------|-------------------------------
HGF-Backer | Backer plate for flag hinges

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
**Positioning Hinge**

**Features:**
- Metric profile positioning hinge
- For positioning doors or panels in positions:
  - Closed: 0 Degrees
  - Partial: 85 Degrees
  - Full: 175 Degrees

**Technical Specifications:**
- Material: Die-cast Zinc
- Pin Material: Stainless Steel
- Finish: Powder Coat
- Color: Black
- Weight: 140 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG30MP</td>
<td>Positioning hinge for 30 mm profile, fixed hinge</td>
</tr>
<tr>
<td>HG30MPW</td>
<td>Includes (1) HG30MP with hardware (4) M6x16FHCS and (4) TN10M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Door Accessories

Ball Catch Latch

Features:
- Metric and inch profile ball catch latch
- Simple latching mechanism for any thickness panel doors
- Holding force of 11.24 pounds (50 N)

Technical Specifications:
- Latch Material: Fiber Reinforced Nylon
- Pin Material: Steel
- Finish: Zinc-plated
- Color: Black
- Weight: 45 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC08</td>
<td>Ball catch latch for 8 mm T-slot</td>
</tr>
<tr>
<td>BC08W</td>
<td>Includes (1) BC08 with hardware (2) M8x18BHCS, and (2) TN10M8</td>
</tr>
<tr>
<td>BC10</td>
<td>Ball catch latch for 10 mm T-slot</td>
</tr>
<tr>
<td>BC10W</td>
<td>Includes (1) BC10 with hardware (2) M8x20BHCS, and (2) TN10M8</td>
</tr>
<tr>
<td>BC26</td>
<td>Ball catch latch for 0.26 inch T-slot</td>
</tr>
<tr>
<td>BC26W</td>
<td>Includes (1) BC26 with hardware (2) 1/4-20x5/8BHCS, and (2) EN261/4-20</td>
</tr>
<tr>
<td>BC32</td>
<td>Ball catch latch for 0.32 inch T-slot</td>
</tr>
<tr>
<td>BC32W</td>
<td>Includes (1) BC32 with hardware (2) 5/16-18x3/4BHCS, and (2) EN265/16-18</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Ball Catch Latch Bracket & Spacer

Features:
- Metric and inch profiles bracket and spacer
- A simple mounting bracket for a Ball Catch latch
- The spacer is to align latch to its counterpart

Technical Specifications:
- Bracket Material: Steel
- Spacer Material: Fiber Reinforced Nylon
- Finish: Zinc-plated
- Bracket Color: Silver
- Spacer Color: Black
- Bracket Weight: 72.4 grams
- Spacer Weight: 5 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB0810</td>
<td>Latch bracket for all profiles, mounting hardware sold separately</td>
</tr>
<tr>
<td>LS0810</td>
<td>Latch spacer for all profiles</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders.
Part ID | Description (Ordering Options)
---|---
ML08 | Magnetic latch for 8 mm T-slot
ML08W | Includes (1) ML08 with hardware (2) M8x18BHCS, and (2) TN10M8
ML10 | Magnetic latch for 10 mm T-slot
ML10W | Includes (1) ML10 with hardware (2) M8x20BHCS, and (2) TN10M8
ML26 | Magnetic latch for 0.26 inch T-slot
ML26W | Includes (1) ML26 with hardware (2) 1/4-20x5/8BHCS, and (2) EN261/4-20
ML32 | Magnetic latch for 0.32 inch T-slot
ML32W | Includes (1) ML32 with hardware (2) 5/16-18x3/4BHCS, and (2) EN265/16-18

**Features:**
- Metric and inch profiles magnetic latch
- Simple latching mechanism for any thickness panel doors
- Holding force depends on which side of the magnetic latch is facing the target
- Holding forces are:
  - Low: 6.74 pounds (30 N)
  - High: 11.24 pounds (50 N)

**Technical Specifications:**
- Latch Material: Fiber Reinforced Nylon
- Target Material: Steel
- Finish: Zinc-plated
- Color: Black
- Weight: 9 grams

**Please contact Framing Tech for additional ordering options & savings on bulk orders.**
Magnetic Latch Bracket

Features:
- Metric and inch profiles bracket and spacer
- A simple mounting bracket for a Magnetic Latch
- The spacer is to align latch to its counterpart

Technical Specifications:
- Bracket Material: Steel
- Finish: Zinc-plated
- Bracket Color: Silver
- Bracket Weight: 72.4 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBM0810</td>
<td>Latch bracket for all profiles, mounting hardware sold separately</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Slam Latch

Features:
- Metric profiles slam latch
- Locking option provides extra security
- Used for a positive mechanical latch, for doors or panels
- Requires no machining.
- Keys are available “Universal” or “Unique”

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Powder Coated
- Color: Black
- Weight: 560 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL0810</td>
<td>Slam latch for an 8mm or 10mm T-slot profile</td>
</tr>
<tr>
<td>SL0810-08W</td>
<td>Includes (1) SL0810 with hardware, (4) M6x12 SHCS and (4) TN08M6</td>
</tr>
<tr>
<td>SL0810-10W</td>
<td>Includes (1) SL0810 with hardware, (4) M6x16 SHCS and (4) TN10M6</td>
</tr>
<tr>
<td>SL0810K</td>
<td>Slam latch for an 8mm or 10mm T-slot profile, with (2) “universal” keys</td>
</tr>
<tr>
<td>SL0810K-08W</td>
<td>Includes (1) SL0810K with hardware, (4) M6x12 SHCS and (4) TN08M6</td>
</tr>
<tr>
<td>SL0810K-10W</td>
<td>Includes (1) SL0810K with hardware, (4) M6x16 SHCS and (4) TN10M6</td>
</tr>
<tr>
<td>SL0810KU</td>
<td>Slam latch for an 8mm or 10mm T-slot profile, with (2) “unique” keys</td>
</tr>
<tr>
<td>SL0810KU-08W</td>
<td>Includes (1) SL0810KU with hardware, (4) M6x12 SHCS and (4) TN08M6</td>
</tr>
<tr>
<td>SL0810KU-10W</td>
<td>Includes (1) SL0810KU with hardware, (4) M6x16 SHCS and (4) TN10M6</td>
</tr>
</tbody>
</table>

Please contact Framing Tech for additional ordering options & savings on bulk orders.
Slam Latch Release Button

Features:
- Metric profile slam latch interior release button.
- Used on slam latched man door enclosures.
- Button is to be attached on opposite side of the slam latch.
- Prevents getting locked in frame enclosures.
- Unlocking plate is adjustable for selected frame’s profile (noted on plate).

Technical Specifications:
- Button Material: Nylon
- Plate Material: Zinc Plated Steel
- Color: Black & Red
- Weight: 110.8 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL0810RB</td>
<td>Slam latch emergency release button for 30mm, 40mm, 45mm, and 50mm profiles</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
# Door Accessories

## Door Stop Plate

### Features:
- Metric and inch profile door stop plate
- Door stop plates are used when it is essential for the door to stop at the frame
- Used commonly with ball detent latches

### Technical Specifications:
- Material: 1/4” Aluminum Plate
- Finish: Clear Anodized
- Color: Silver
- Weight: 20 grams

### Part ID | Description (Ordering Options)
---|---
DS08 | Door stop plate for 8 mm T-slot profile
DS08W | Includes (1) DS08 with hardware, (2) M6x18BHCS, (2) M6 washer, and (2) TN08M6
DS10 | Door stop plate for 10 mm T-slot profile
DS10W | Includes (1) DS10 with hardware, (2) M6x20BHCS, (2) M6 washer, and (2) TN10M6
DS26 | Door stop plate for 0.26 inch T-slot profile
DS26W | Includes (1) DS26 with hardware, (2) 1/4-20x1/2BHCS, (2) 1/4 inch washer, and (2) EN261/4-20
DS32 | Door stop plate for 0.32 inch T-slot profile
DS32W | Includes (1) DS32 with hardware, (2) 1/4-20x3/4BHCS, (2) 1/4 inch washer, and (2) EN321/4-20

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Dead-Bolt Latch

Features:
- Metric and inch profiles dead-bolt latch
- Provides a positive mechanical latch for doors and panels
- Alignment insertion tabs ensure that both dead-bolt halves remain parallel to door, when making adjustments.

Technical Specifications:
- Body Material: Die-cast Zinc
- Pin Material: Stainless Steel
- Finish: Powder Coated
- Color: Silver
- Weight: 140 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBL</td>
<td>Dead-bolt latch for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>DBL08W</td>
<td>Includes (1) DBL with mounting hardware, (4) M6x14LHCS, and (4) TN08M6</td>
</tr>
<tr>
<td>DBL0810W</td>
<td>Includes (1) DBL, with mounting hardware (2) M6x14LHCS, (2) M6x18LHCS, (2) TN08M6, and (2) TN10M6</td>
</tr>
<tr>
<td>DBL10W</td>
<td>Includes (1) DBL with mounting hardware, (4) M6x18LHCS, and (4) TN10M6</td>
</tr>
<tr>
<td>DBL26W</td>
<td>Includes (1) DBL with mounting hardware, (4) 1/4-20x1/2LHCS, and (4) EN261/4-20</td>
</tr>
<tr>
<td>DBL2632W</td>
<td>Includes (1) DBL with mounting hardware, (2) 1/4-20x1/2LHCS, (2) 1/4-20x3/4LHCS, (2) EN261/4-20</td>
</tr>
<tr>
<td>DBL32W</td>
<td>Includes (1) DBL with mounting hardware, (4) 1/4-20x3/4LHCS, and (4) EN321/4-20</td>
</tr>
</tbody>
</table>

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# Door Accessories

## Ball Detent Latch

**Features:**
- Metric and inch profile ball detent latch
- Provides a versatile way to latch various profiles together
- Recommended with conjunction with a door stop plate

**Technical Specifications:**
- Latch Material: Fiber Reinforced Nylon
- Ball Material: Stainless Steel
- Finish: Plain
- Color: Black
- Weight: 140 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDL</td>
<td>Ball detent latch for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>BDL08W</td>
<td>Includes (1) BDL with hardware, (4) M5x16BHCS, (4) M5 flat washers, (4) TN08M5</td>
</tr>
<tr>
<td>BDL0810W</td>
<td>Includes (1) BDL with hardware, (2) M5x16BHCS, (2) M5x20BHCS, (4) M5 flat washers, (2) TN08M5, and (2) TN10M5</td>
</tr>
<tr>
<td>BDL10W</td>
<td>Includes (1) BDL with hardware, (4) M5x20BHCS, (4) M5 flat washers, and (4) TN10M5</td>
</tr>
<tr>
<td>BDL26W</td>
<td>Includes (1) BDL with hardware, (4) 10-32x1/2BHCS, (4) M5 flat washers, and (4) EN2610-32</td>
</tr>
<tr>
<td>BDL2632W</td>
<td>Includes (1) BDL with hardware, (2) 10-32x1/2BHCS, (2) 10-32x5/8BHCS, (4) M5 flat washers, (2) EN2610-32, and (2) EN3210-32</td>
</tr>
<tr>
<td>BDL32W</td>
<td>Includes (1) BDL with hardware, (4) 10-32x5/8BHCS, (4) M5 flat washers, and (4) EN3210-32</td>
</tr>
</tbody>
</table>

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Double Ball Catch Latch

Features:
- Metric and inch profile double ball catch latch
- Works on hinge doors and slide doors
- The clamping force may be adjusted by the tensioning screws
- Additional angle brackets may be needed depending on mounting configuration
- Hardware is sold separately depending on mounting configuration

Technical Specifications:
- Latch Material: Brass
- Ball Material: Stainless Steel
- Finish: Chrome Plated
- Color: Silver
- Weight: 15.60 - 65 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC0810-1</td>
<td>Double ball catch latch, mounts by (4) M3 or 6-32 flat head screws</td>
</tr>
<tr>
<td>DC0810-2</td>
<td>Double ball catch latch, mounts by (4) M3 or 6-32 flat head screws</td>
</tr>
<tr>
<td>DC0810-3</td>
<td>Double ball catch latch, mounts by (4) M4 or 8-32 flat head screws</td>
</tr>
<tr>
<td>DC0810-4</td>
<td>Double ball catch latch, mounts by (4) M4 or 8-32 flat head screws</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
# Door Accessories

## Bi-Fold Door Kit

### Features:
- Metric profile bi-fold door kit
- Use on a 30 mm door only
- Requires 1 kit per door for top and bottom
- Hinges are sold separately
- Plate has a pin that allows the door to be flush with the frame.
- Kits come complete with hardware and directions

### Technical Specifications:
- Plate Material: Stainless Steel
- Pin Material: Stainless Steel
- Finish: Plain
- Color: Sliver
- Weight: 25 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFDK3045</td>
<td>Bi-fold door kit for a 30 mm door, mounted to a 45 mm frame.</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.

### Installation Dimensions

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>p1=45x45</td>
<td>L1 = 1/2 L - 29.5</td>
<td></td>
</tr>
<tr>
<td>p2=30x30</td>
<td>L2 = 1/2 L + 14.5</td>
<td></td>
</tr>
<tr>
<td>p1=30x30</td>
<td>L1 = 1/2 L - 25.80</td>
<td></td>
</tr>
<tr>
<td>p2=30x30</td>
<td>L2 = 1/2 L + 10.8</td>
<td></td>
</tr>
<tr>
<td>p2=30x30</td>
<td>h = H - 71</td>
<td></td>
</tr>
</tbody>
</table>

H\(_{\text{MAX}}\) = 1000mm
Carriage Bearing

Features:
- Metric profile
- For overhead slide doors.
- Used with C30x45 profile.
- Requires 2 carriages per a small door mounted on the top.

Technical Specifications:
- Base Material: Nylon
- Bearing Material: Steel
- Finish: Plain
- Color: Black
- Weight: 10 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBRG</td>
<td>Carriage Bearing for C30x45 profile</td>
</tr>
<tr>
<td>CARBRG08W</td>
<td>Carriage Bearing for C30x45 profile, with 8mm T-slot Hardware</td>
</tr>
<tr>
<td>CARBRG10W</td>
<td>Carriage Bearing for C30x45 profile, with 10mm T-slot Hardware</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Door Accessories

Comfort Grip Handle

**Features:**
- Metric and inch profile offset handle
- Comfortable ergonomic handle for extrusion doors, lift-off panels, slider doors, etc.
- Not recommended for double doors

**Technical Specifications:**
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 26.2 - 90.6 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGH08</td>
<td>Comfort grip handle small for 8 mm T-slot profiles</td>
</tr>
<tr>
<td>CGH08W</td>
<td>Includes (1) CGH08 with hardware, (2) M6x14SHCS, and (2) TN08M6</td>
</tr>
<tr>
<td>CGH10</td>
<td>Comfort grip handle large for 10 mm T-slot profiles</td>
</tr>
<tr>
<td>CGH10W</td>
<td>Includes (1) CGH10 with hardware, (2) M8x20SHCS, and (2) TN10M8</td>
</tr>
<tr>
<td>CGH26</td>
<td>Comfort grip handle small for 0.26 inch T-slot profiles</td>
</tr>
<tr>
<td>CGH26W</td>
<td>Includes (1) CGH26 with hardware, (2) 1/4-20x1/2SHCS, and (2) EN261/4-20</td>
</tr>
<tr>
<td>CGH32</td>
<td>Comfort grip handle large for 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>CGH32W</td>
<td>Includes (1) CGH32 with hardware, (2) 5/16-18x3/4SHCS, and (2) EN325/16-18</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
**Drawer Handle**

**Features:**
- Metric and inch profile drawer handle
- Small lightweight handle for extrusion doors, drawers, or for mounting directly onto panel doors
- Hardware for panel doors sold separately

**Technical Specifications:**
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 19 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH0810</td>
<td>Draw handle for all profiles</td>
</tr>
<tr>
<td>DH08W</td>
<td>Includes (1) DH0810 with hardware, (2) M4x16FHCS, and (2) TN08M4</td>
</tr>
<tr>
<td>DH10W</td>
<td>Includes (1) DH0810 with hardware, (2) M4x16FHCS, and (2) TN10M4</td>
</tr>
<tr>
<td>DH26W</td>
<td>Includes (1) DH0810 with hardware, (2) 8-32x1/2FHCS, and (2) EN268-32</td>
</tr>
<tr>
<td>DH32W</td>
<td>Includes (1) DH0810 with hardware, (2) 8-32x5/8FHCS, and (2) EN328-32</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
## Door Accessories

### Machine Handles

**Features:**
- Metric and inch profile strap handle
- Ergonomic handle with finger protection for profile doors, lift-off panels, slider doors, etc.
- Recommended for double doors

**Technical Specifications:**
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 114 - 356 grams

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### Part ID | Description (Ordering Options)
---
MHM08 | Machine handle medium for 8 mm T-slot profiles
MHM08W | Includes (1) MH08M with hardware, (2) M6x12SHCS, (2) M6 washer, and (2) TN08M6
MHM10 | Machine handle medium for 10 mm T-slot profiles
MHM10W | Includes (1) MH10M with hardware, (2) M6x18SHCS, and (2) TN10M8
MHM26 | Machine handle medium for 0.26 inch T-slot profiles
MHM26W | Includes (1) MH26M with hardware, (2) 1/4-20x1/2SHCS, (2) 1/4 washer, and (2) EN261/4-20
MHM32 | Machine handle medium for 0.32 inch T-slot profiles
MHM32W | Includes (1) MH32M with hardware, (2) 5/16-18x5/8SHCS, and (2) EN325/16-18
MHL10 | Machine handle large for 10 mm T-slot profiles
MHL10W | Includes (1) MH10L with hardware, (2) M8x20SHCS, and (2) TN10M8
MHL32 | Machine handle large for 0.32 inch T-slot profiles
MHL32W | Includes (1) MH32L with hardware, (2) 5/16-18x3/4SHCS, and (2) EN325/16-18

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Strap Handle

Features:
- Metric and inch profile strap handle
- Ideal handle for profile doors, lift-off panels, slider doors, etc.
- Not recommended for double doors
- Handle can be mounted to a smooth sided profile with specified hardware:
  - BW: Side mounted bracket
  - SW: Smooth Mount
    (Machining holes required)

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 42 - 71 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHM</td>
<td>Offset handle for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>SHM08W</td>
<td>Includes (1) SHM with hardware, (2) M6x16SHCS , and (2) TN08M6</td>
</tr>
<tr>
<td>SHM10W</td>
<td>Includes (1) SHM with hardware, (2) M6x20SHCS , and (2) TN10M6</td>
</tr>
<tr>
<td>SHM10SW</td>
<td>Includes (1) SHM with hardware, (2) M6x40SHCS , and (2) M6 hex nut</td>
</tr>
<tr>
<td>SHM26W</td>
<td>Includes (1) SHM with hardware, (2) 1/4-20x1/2SHCS , and (2) EN261/4-20</td>
</tr>
<tr>
<td>SHM32W</td>
<td>Includes (1) SHM with hardware, (2) 1/4-20x1/2SHCS , and (2) EN321/4-20</td>
</tr>
<tr>
<td>SHL</td>
<td>Offset handle for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>SHL08W</td>
<td>Includes (1) SHL with hardware, (2) M6x16SHCS , and (2) TN08M6</td>
</tr>
<tr>
<td>SHL10W</td>
<td>Includes (1) SHL with hardware, (2) M6x20SHCS , and (2) TN10M6</td>
</tr>
<tr>
<td>SHL10BW</td>
<td>Includes (1) SHL and (1) SHL-Bracket with hardware, (2) M6x16FHCS, (2) M6x18FHCS, (2) TN10M6, and (2) M6 hex nut</td>
</tr>
<tr>
<td>SHL10SW</td>
<td>Includes (1) SHL with hardware, (2) M6x40SHCS , and (2) M6 hex nut</td>
</tr>
<tr>
<td>SHL26W</td>
<td>Includes (1) SHL with hardware, (2) 1/4-20x1/2SHCS , and (2) EN261/4-20</td>
</tr>
<tr>
<td>SHL32W</td>
<td>Includes (1) SHL with hardware, (2) 1/4-20x5/8SHCS , and (2) EN321/4-20</td>
</tr>
<tr>
<td>SHL-Bracket</td>
<td>Mounting bracket for an SHL to a 3S (3 T-slot) profile, No machining required</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders.
Strap Plate

Features:
- Metric profile strap plate
- Strap plates are used for quick and easily removable hatches and panel mounts.
- Connects 2 pieces of aluminum profiles together
- To keep hatch or panel square recommend using 4 strap plates per hatch or panel

Technical Specifications:
- Material: 3/16” Aluminum Plate
- Finish: Clear Anodized
- Color: Silver
- Weight: 24 - 48 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP5060</td>
<td>Strap plate for connecting a 30 mm profile panel to a 30 mm profile frame</td>
</tr>
<tr>
<td>SP5060W</td>
<td>Includes (1) SP3030 with hardware, (3) M6x18BHCS, (3) M6 washer, and (3) TN08M6</td>
</tr>
<tr>
<td>SP5080</td>
<td>Strap plate for connecting a 45 mm profile panel to a 45 mm profile frame</td>
</tr>
<tr>
<td>SP5080W</td>
<td>Includes (1) SP4545 with hardware, (3) M8x20BHCS, (3) M8 washer, and (3) TN10M8</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
End Caps (Metric)

Features:
- Metric profile end caps
- Plastic end caps for covering exposed profile ends
- Installs by inserting into the profile face using a soft-faced mallet
- For a flush cap look, decrease end capped profile length by 4 mm (per end cap) unless specified

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Textured
- Color: Black

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC2020</td>
<td>End cap for a 20 mm x 20 mm profile</td>
</tr>
<tr>
<td>EC3030</td>
<td>End cap for a 30 mm x 30 mm profile</td>
</tr>
<tr>
<td>EC3030Rad</td>
<td>End cap for a 30 mm profile at a 90° degree (quarter round), thickness is 3mm</td>
</tr>
<tr>
<td>EC3060</td>
<td>End cap for a 30 mm x 60 mm profile</td>
</tr>
<tr>
<td>EC4040</td>
<td>End cap for a 40 mm x 40 mm profile</td>
</tr>
<tr>
<td>EC4080</td>
<td>End cap for a 40 mm x 80 mm profile</td>
</tr>
<tr>
<td>EC4545</td>
<td>End cap for a 45 mm x 45 mm profile</td>
</tr>
<tr>
<td>EC4545Rad</td>
<td>End cap for a 45 mm profile at a 90° degree (quarter round)</td>
</tr>
<tr>
<td>EC4530Deg</td>
<td>End cap for a 45 mm profile at a 30° degree angle</td>
</tr>
<tr>
<td>EC4545Deg</td>
<td>End cap for a 45 mm profile at a 45° degree angle</td>
</tr>
<tr>
<td>EC4560Deg</td>
<td>End cap for a 45 mm profile at a 60° degree angle</td>
</tr>
<tr>
<td>EC4560</td>
<td>End cap for a 45 mm x 60 mm profile</td>
</tr>
<tr>
<td>EC4590</td>
<td>End cap for a 45 mm x 90 mm profile</td>
</tr>
<tr>
<td>EC459090R</td>
<td>End cap for a 45x90x90R mm profile, (1) EC4545Rad and (2) EC4545</td>
</tr>
<tr>
<td>EC6060</td>
<td>End cap for a 60 mm x 60 mm profile</td>
</tr>
<tr>
<td>EC6090</td>
<td>End cap for a 60 mm x 90 mm profile</td>
</tr>
<tr>
<td>EC8080</td>
<td>End cap for a 80 mm x 80 mm profile</td>
</tr>
<tr>
<td>EC9090</td>
<td>End cap for a 90 mm x 90 mm profile</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
End Caps (Inch)

Features:
- Inch profile end caps
- Plastic end caps for covering exposed profile ends
- Installs by inserting into the profile face using a soft-faced mallet
- For a flush cap look, decrease end capped profile length by 4 mm (per end cap) unless specified

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Textured
- Color: Black

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC1.01.0</td>
<td>End cap for a 1 inch x 1 inch profile</td>
</tr>
<tr>
<td>EC1.02.0</td>
<td>End cap for a 1 inch x 2 inch profile</td>
</tr>
<tr>
<td>EC1.51.5</td>
<td>End cap for a 1.5 inch x 1.5 inch profile</td>
</tr>
<tr>
<td>EC1.51.5QR</td>
<td>End cap for a 1.5 inch x 1.5 inch profile (quarter round)</td>
</tr>
<tr>
<td>EC1.53.0</td>
<td>End cap for a 1.5 inch x 3 inch profile</td>
</tr>
<tr>
<td>EC2.02.0</td>
<td>End cap for a 2 inch x 2 inch profile</td>
</tr>
<tr>
<td>EC3.03.0</td>
<td>End cap for a 3 inch x 3 inch profile</td>
</tr>
</tbody>
</table>

• Please contact Framing Tech for additional ordering options & savings on bulk orders.
Roller Wheel

Features:
- Metric and inch profile roller wheels
- Use to guide moving parts in the slot of the aluminum profile
- All roller wheels come with ball bearings for a smooth gliding movement, unless specified
- Mounts by a shoulder bolt and a T-nut

Technical Specifications:
- Roller Material: Nylon
- Bushing Material: Zinc-plated Steel
- Washer Material: Zinc-plated Steel
- Bearing Material: Stainless Steel
- Color: Black
- Weight: 8.5 - 154.5 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLR2906</td>
<td>Roller wheel with a 29 mm diameter, for a 6 mm T-slot profile (not ball bearing)</td>
</tr>
<tr>
<td>RLR2906W</td>
<td>Includes (1) RLR2906 with hardware (1) M6x16 Shoulder M5 Thread, and (1) TSN06M5</td>
</tr>
<tr>
<td>RLR3908</td>
<td>Roller wheel with a 39 mm diameter, for a 8 mm T-slot profile</td>
</tr>
<tr>
<td>RLR3908W</td>
<td>Includes (1) RLR3908 with hardware (1) M6x16 Shoulder M5 Thread, and (1) TN08M5</td>
</tr>
<tr>
<td>RLR4708</td>
<td>Roller wheel with a 47 mm diameter, for a 8 mm T-slot profile</td>
</tr>
<tr>
<td>RLR4708W</td>
<td>Includes (1) RLR4708 with hardware (1) M8x25 Shoulder M6 Thread, and (1) TN10M6</td>
</tr>
<tr>
<td>RLR4710</td>
<td>Roller wheel with a 47 mm diameter, for a 10 mm T-slot profile</td>
</tr>
<tr>
<td>RLR4710W</td>
<td>Includes (1) RLR4710 with hardware (1) M8x30 Shoulder M6 Thread, and (1) TN10M6</td>
</tr>
<tr>
<td>RLR5810</td>
<td>Roller wheel with a 58 mm diameter, for a 10 mm T-slot profile</td>
</tr>
<tr>
<td>RLR5810W</td>
<td>Includes (1) RLR5810 with hardware (1) M8x25 Shoulder M6 Thread, and (1) TN10M6</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Specialized Accessories

Cable Binding Clips

Features:
- Metric and inch profile cable binding clips
- Ideal for retaining cables without the need for cable ties, can be opened and closed again

Technical Specifications:
- Clip Material: Nylon
- Band Material: FPM 70 Rubber
- Finish: Plain
- Color: Black
- Weight: 7 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBC0810</td>
<td>Cable binding clip for an 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profile</td>
</tr>
<tr>
<td>CBC08W</td>
<td>Includes (1) CBC0810 with hardware (1) M4x10SHCS, and (1) TN08M4</td>
</tr>
<tr>
<td>CBC10W</td>
<td>Includes (1) CBC0810 with hardware (1) M4x16SHCS, and (1) TN10M4</td>
</tr>
<tr>
<td>CBC26W</td>
<td>Includes (1) CBC0810 with hardware (1) M4x10SHCS, and (1) TN06M4</td>
</tr>
<tr>
<td>CBC32W</td>
<td>Includes (1) CBC0810 with hardware (1) M4x12SHCS, and (1) TN32M4</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Cross Cable Binder

Features:
- Metric and inch profile cable binding clips
- For securely retaining cables, tubes and other hardware with zip ties
- Quick positioning anywhere along a T-slot with a 1/4 turn twist
- Zip ties not included

Technical Specifications:
- Clip Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 4 - 4.5 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCB08</td>
<td>Cross cable binder for an 8 mm T-slot profile</td>
</tr>
<tr>
<td>CCB10</td>
<td>Cross cable binder for an 10 mm T-slot profile</td>
</tr>
<tr>
<td>CCB32</td>
<td>Cross cable binder for an 0.32 inch T-slot profile</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Universal Binding Block

Features:
- Metric and inch profile universal binding block
- For securely retaining cables, tubes and other hardware with zip ties
- Zip ties not included

Technical Specifications:
- Clip Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 2 grams

### Part ID | Description (Ordering Options)
--- | ---
UBB | Universal binding block for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles
UBB08W | Includes (1) UBB with hardware (1) M5x12SHCS, and (1) TN08M5
UBB10W | Includes (1) UBB with hardware (1) M5x16SHCS, and (1) TN10M5
UBB26W | Includes (1) UBB with hardware (1) 1/4-20x1/4SHCS, and (1) EN261/4-20
UBB32W | Includes (1) UBB with hardware (1) 1/4-20x1/2SHCS, and (1) EN321/4-20

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
**Roller Mounting Block**

**Features:**
- Metric and inch profile roller mounting block
- Use to mount conveyor rollers to frames
- Alignment tabs locate block in corresponding T-slot widths

**Technical Specifications:**
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 8 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMB</td>
<td>Roller mounting block for 8 mm, 10 mm, 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>RMB08W</td>
<td>Includes (1) RMB with hardware (1) M6x14BHCS, and (1) TN08M6</td>
</tr>
<tr>
<td>RMB10W</td>
<td>Includes (1) RMB with hardware (1) M6x18BHCS, and (1) TN10M6</td>
</tr>
<tr>
<td>RMB32W</td>
<td>Includes (1) RMB with hardware (1) 1/4-20x5/8BHCS, and (1) EN321/4-20</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Sensor Mounting Block

Features:
- Metric and inch profile sensor mounting block
- Used for mounting proximity switches to the side of aluminum profiles
- For switch diameters of 6.5 mm, 8 mm, and 12 mm
- Sensor may be located at a precise angle using the small serrated positioning bushing
- Mounts by a M4 SHCS and a M4 T-nut
- Hardware sold separately

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 4 - 5 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMB0810-6.5</td>
<td>Sensor mounting block for a 6.5 mm diameter proximity switch</td>
</tr>
<tr>
<td>SMB0810-8</td>
<td>Sensor mounting block for a 8 mm diameter proximity switch</td>
</tr>
<tr>
<td>SMB0810-12</td>
<td>Sensor mounting block for a 12 mm diameter proximity switch</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
### T-slot Cover

**Features:**
- Metric and inch profile T-slot cover
- Used to protect any exposed T-slots from contaminants
- Available for all T-slot sizes
- Standard color is black, other colors available
- Aluminum T-slot cover is also available

**Technical Specifications:**
- Material: Polypropylene
- Finish: Plain (standard), Anodized (Aluminum)
- Color: Black, Red, Blue, Grey, Safety Yellow, Aluminum
- Weight: 7 - 59 grams
- Length: 2 Meters

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC06</td>
<td>T-slot cover for a 6 mm T-slot profile, Black Polypropylene</td>
</tr>
<tr>
<td>TSC06A</td>
<td>T-slot cover for a 6 mm T-slot profile, Aluminum</td>
</tr>
<tr>
<td>TSC08</td>
<td>T-slot cover for a 8 mm T-slot profile, Black Polypropylene</td>
</tr>
<tr>
<td>TSC08A</td>
<td>T-slot cover for a 8 mm T-slot profile, Aluminum</td>
</tr>
<tr>
<td>TSC08G</td>
<td>T-slot cover for a 8 mm T-slot profile, Grey Polypropylene</td>
</tr>
<tr>
<td>TSC08Y</td>
<td>T-slot cover for a 8 mm T-slot profile, Safety Yellow Polypropylene</td>
</tr>
<tr>
<td>TSC10</td>
<td>T-slot cover for a 10 mm T-slot profile, Black Polypropylene</td>
</tr>
<tr>
<td>TSC10A</td>
<td>T-slot cover for a 10 mm T-slot profile, Aluminum</td>
</tr>
<tr>
<td>TSC10BLU</td>
<td>T-slot cover for a 10 mm T-slot profile, Blue Polypropylene</td>
</tr>
<tr>
<td>TSC10G</td>
<td>T-slot cover for a 10 mm T-slot profile, Grey Polypropylene</td>
</tr>
<tr>
<td>TSC10R</td>
<td>T-slot cover for a 10 mm T-slot profile, Red Polypropylene</td>
</tr>
<tr>
<td>TSC10Y</td>
<td>T-slot cover for a 10 mm T-slot profile, Safety Yellow Polypropylene</td>
</tr>
<tr>
<td>TSC26</td>
<td>T-slot cover for a 0.26 inch T-slot profile, Black Polypropylene</td>
</tr>
<tr>
<td>TSC26G</td>
<td>T-slot cover for a 0.26 inch T-slot profile, Grey Polypropylene</td>
</tr>
<tr>
<td>TSC26Y</td>
<td>T-slot cover for a 0.26 inch T-slot profile, Safety Yellow Polypropylene</td>
</tr>
<tr>
<td>TSC32</td>
<td>T-slot cover for a 0.32 inch T-slot profile, Black Polypropylene</td>
</tr>
<tr>
<td>TSC32G</td>
<td>T-slot cover for a 0.32 inch T-slot profile, Grey Polypropylene</td>
</tr>
<tr>
<td>TSC32Y</td>
<td>T-slot cover for a 0.32 inch T-slot profile, Safety Yellow Polypropylene</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Tread Profile

Features:
- Metric and inch tread profile
- Press tread profile into the T-slot to create a non-skid surface
- Ideal for creating ladders, steps or use it as a protective bumper for carts

Technical Specifications:
- Material: Nitrile Butadiene Rubber
- Finish: Plain
- Color: Black
- Weight: 64 grams / per foot

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP08</td>
<td>Tread profile for 8 mm T-slot profiles</td>
</tr>
<tr>
<td>TP32</td>
<td>Tread profile for 0.32 inch T-slot profiles</td>
</tr>
</tbody>
</table>

* Please contact Framing Tech for additional ordering options & savings on bulk orders.
Profile Slider

Features:
- Metric profile sliders
- Used for dynamic applications like carriages, movable rails & panels, and vertical sliding doors
- Mounts by M4 set screws (sold separately)
- Can be lockable with a T-slotted nut (TSN) and lock handle

Technical Specifications:
- Material: Delrin®
- Finish: Plain
- Color: Natural (Off-white)
- Weight: 6 - 12 grams

### Part ID | Description (Ordering Options)
---|---
SLDR06F | Slider for 6 mm T-slot profiles, flat on one side and a T-profile on the opposite side
SLDR08F | Slider for 8 mm T-slot profiles, flat on one side and a T-profile on the opposite side
SLDR08K | Slider for 8 mm T-slot profiles, key on one side and a T-profile on the opposite side
SLDR08OK | Slider for 8 mm T-slot profiles, off-set key on one side and a T-profile on the opposite side
SLDR08T | Slider for 8 mm T-slot profiles, T-profile on both sides
SLDR0810 | Slider for 8 mm to a 10 mm T-slot profiles, T-profile on both sides
SLDR10F | Slider for 10 mm T-slot profiles, flat on one side and a T-profile on the opposite side
SLDR10K | Slider for 10 mm T-slot profiles, key on one side and a T-profile on the opposite side
SLDR10OK | Slider for 10 mm T-slot profiles, off-set key on one side & a T-profile on the opposite side
SLDR10T | Slider for 10 mm T-slot profiles, T-profile on both sides

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
**Specialized Accessories**

### Counterbalance Spring

**Features:**
- Metric and inch profile counterbalance Spring
- Ideal for vertical slide doors and tooling applications
- Each counterbalance reel can support weights from 4 - 35 lbs (dead weight test)
- The cable diameter can be a 1/16” or 3/32”
- The cable max length is 8 feet (96 inches)
- The cable is a galvanized 7x7 preformed aircraft cable, tested well over 500 lbs.

**Technical Specifications:**
- Material: Galvanized Steel
- Finish: Plain
- Color: Silver
- Weight: Variable

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
</table>
| CCB-##-3000-XX-LLin | CCB - Counterbalance
## - Pounds required per each reel (4 lbs to 35 lbs)
3000 - Framing Tech standard series type
XX - OB (Off the Back), OF (Off the Front)
LLin - Cable length required for application (96 inch maximum) |
| CBB-8-3000-OB-42in  | Counterbalance for a 8 pound rate, 3000 series, off the back design, 42 inch cable          |
| CBB-15-3000-OB-48in | Counterbalance for a 15 pound rate, 3000 series, off the back design, 48 inch cable        |
| CBB-20-3000-OB-96in | Counterbalance for a 20 pound rate, 3000 series, off the back design, 96 inch cable        |
| CBB-33-3000-OB-48in | Counterbalance for a 33 pound rate, 3000 series, off the back design, 48 inch cable        |

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Cup Holder

Features:
- Metric and inch profile cup holder
- Ideal for a cup holder or as a pistol-grip tool holder
- Great accessory to any workstation or desk
- Can be ordered with a closed or open bottom
- Hardware for mounting clip is a M5 screw and appropriate T-nuts (sold separately)

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Textured
- Color: Black
- Weight: 145.6 - 157 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUP0810</td>
<td>Cup holder for an 8 mm, 10 mm, 0.26 inch, and a 0.32 inch T-slot profiles</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Specialized Accessories

Conveyor Roller Push-On

Features:
- Metric profile push-on conveyor roller
- No tools required for installation, put in place and push top to lock in position
- Flat and guided styles are available
- Max load is 100 N (22.48 pounds) per each

Technical Specifications:
- Base Material: Fiber Reinforced Nylon
- Roller Material: Polyoxyymethylene
- Finish: Textured
- Color: Black
- Weight: 43.3 - 48 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON-RLR-FP</td>
<td>Conveyor roller, flat style for 8 mm or 10 mm T-slot profiles</td>
</tr>
<tr>
<td>CON-RLR-GP</td>
<td>Conveyor roller, guided style for 8 mm or 10 mm T-slot profiles</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Conveyor Roller Screw-On

Features:
- Metric and inch profile screw-on conveyor roller
- 3 mounting options: (M5x25 LHCS included)
  1 - Screwing down into tabs
  2 - Remove tabs & screw into T-nuts
  3 - Remove tab & screw into any surface
- Flat and guided styles are available
- Max load is 100 N (22.48 pounds) per each

Technical Specifications:
- Base Material: Fiber Reinforced Nylon
- Roller Material: Polyoxymethylene
- Finish: Textured
- Color: Black
- Weight: 41.2 - 47 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON-RLR-FSP</td>
<td>Conveyor roller, flat style for 8mm, 10 mm, 0.32 inch T-slot profiles or any surface</td>
</tr>
<tr>
<td>CON-RLR-GSP</td>
<td>Conveyor roller, guided style for 8 mm, 10 mm, and 0.32 inch T-slot profiles or any surface</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
FTI-HMI

**Features:**
- Metric 10mm T-slot profiles
- Used for mounting an HMI (human-machine interface) to a solution frame.
- Lock handle locks vertical strut in desired position (full rotation).
- Quick Connectors are not included.
- Comes with a default 12” vertical HMI mounting rail.

**Technical Specifications:**
- Profile Material: 6063-T6 Aluminum
- Cap/Handle Material: Nylon
- Color: Silver and Black
- Finish: Plain
- Weight: 907.2 grams (2 lbs)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTI-HMI</td>
<td>Human-machine interface mount with a vertical less than 36”</td>
</tr>
<tr>
<td>FTI-HMI-2</td>
<td>Human-machine interface mount with a vertical over 36”</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
## T-Slot Reducer

**Features:**
- Metric and inch profile T-slot reducer
- Used to install panels into the T-slot
- Can be installed in T-slot upside down to be used as a cover strip
- Panel thickness is dependent on T-slot reducer
- Installs by cutting to length and pressing into T-slot, then insert panel material

**Technical Specifications:**
- Material: Polypropylene
- Finish: Plain
- Color: Black
- Weight: 26 - 34 grams
- Length: 2 Meters

### Description (Ordering Options)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSR06</td>
<td>T-slot reducer for 6 mm T-slot, for panel thickness of 2 mm to 3 mm (1/16” to 1/8”)</td>
</tr>
<tr>
<td>TSR08</td>
<td>T-slot reducer for 8 mm T-slot, for panel thickness of 4 mm to 6 mm (3/16” to 1/4”)</td>
</tr>
<tr>
<td>TSR10</td>
<td>T-slot reducer for 10 mm T-slot, for panel thickness of 4 mm to 8 mm (3/16” to 5/16”)</td>
</tr>
<tr>
<td>TSR32</td>
<td>T-slot reducer for 0.32 inch T-slot, for panel thickness of 4 mm to 6 mm (3/16” to 1/4”)</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Panels & Accessories

Panel Trim (8 mm T-Slot)

Features:
- Metric and inch profile panel trim
- Provides a positive seal between the T-slot and inserted panels
- Installs on both sides for a 1/8 inch panel and installs on one side for a 1/4 inch panel
- Sold by the foot

Technical Specifications:
- Material: Virgin Vinyl
- Finish: Matte
- Color: Black
- Weight: 4.88 grams per foot

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT08</td>
<td>Panel trim for an 8 mm, and a 0.32 inch T-slot profile</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
# Panel Trim (10 mm T-Slot)

## Features:
- Metric profile panel trim
- Provides a positive seal between the T-slot and inserted panels
- Installs on both sides for a 1/8 inch panel and installs on one side for a 1/4 inch panel
- Sold by the foot

## Technical Specifications:
- **Material**: EPDM Rubber
- **Finish**: Matte
- **Color**: Black
- **Weight**: 9.40 grams per foot

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT10</td>
<td>Panel trim for an 10 mm T-slot profile</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Panels & Accessories

Glass Panel Clamp

Features:
- Metric and inch profile glass panel clamp
- Ideal for clamping solid panels such as glass, polycarb, and ABS, etc...
- Use in conjunction with corner connectors for an inexpensive partitions, displays, and backdrops, etc...
- M5 hardware is needed (sold separately)

Technical Specifications:
- Material: Die-cast Zinc
- Finish: Powder-coated
- Color: Silver
- Clamp Weight: 74 grams
- Corner Weight: 37 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPC0810</td>
<td>Glass panel clamp for 8 mm, 10 mm, 0.26 inch, and 0.32 inch T-slot profiles</td>
</tr>
<tr>
<td>GPCCC</td>
<td>Glass panel clamp corner connector</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Mesh Frame

Features:
- Mesh frame is ideal for making removable wire mesh panels used in guarding applications
- Must be used in conjunction with mesh frame corners (MFCE and MFCI)
- To mount completed mesh frames use uniblocks, or screws and T-nuts

Technical Specifications:
- Material: 6063 Aluminum
- Finish: Anodized
- Color: Black
- Weight: 0.39 kg / meter
- Length: 2 Meters
- Moment of Inertia $I_x = 1.12 \text{ cm}^4$
- Inertia $I_y = 0.20 \text{ cm}^4$

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF10</td>
<td>Mesh frame, 6m raw length or cut to specified length</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Panels & Accessories

Mesh Frame Corners

Features:
- Used in conjunction with mesh frame (MF10)
- Creates 90 degree corners for mesh frames to allow multiple designs
- To assemble a mesh frame, insert one end of the mesh frame corner into the MF10 and use a soft mallet and a flat surface to tap corner fully into the MF10
- To mount completed frame use the corner’s mount holes with uniblocks or T-nuts

Technical Specifications:
- Material: Fiber Reinforced Nylon
- Finish: Plain
- Color: Black
- Weight: 9 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFCE</td>
<td>Mesh frame corner exterior</td>
</tr>
<tr>
<td>MFCI</td>
<td>Mesh frame corner interior</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
**Uniblock (Translucent)**

**Features:**
- Metric uniblocks (*Inch coming soon*)
- Used to mount panels or wire mesh panels into framed openings
- Quick positioning anywhere along a T-slot with a 1/4 turn twist
- M6 or 1/4-20 hardware may be needed for uncommon panel thickness (sold separately)

**Technical Specifications:**
- Block Material: Fiber Reinforced Nylon
- Nut Material: Zinc Plated
- Finish: Plain
- Color: Clear (Translucent)
- Weight: 11 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBT08</td>
<td>Uniblock translucent for an 8 mm T-slot profile</td>
</tr>
<tr>
<td>UBT08W</td>
<td>Includes (1) UBT08 with hardware, (1) M6x16 LHCS-zinc, and (1) M6 washer-zinc</td>
</tr>
<tr>
<td>UBT10</td>
<td>Uniblock translucent for a 10 mm T-slot profile</td>
</tr>
<tr>
<td>UBT10W</td>
<td>Includes (1) UBT10 with hardware, (1) M6x16 LHCS-zinc, and (1) M6 washer-zinc</td>
</tr>
<tr>
<td>*UBT32</td>
<td>Uniblock translucent for a 0.32 inch T-slot profile</td>
</tr>
<tr>
<td>*UBT32W</td>
<td>Includes (1) UBT32 with hardware, (1) 1/4-20x5/8 LHCS-zinc, and (1) 1/4 washer-zinc</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Uniblock

Features:
- Inch uniblocks (Will be replaced by UBT32)
- Used to mount panels or wire mesh panels into framed openings
- Quick positioning anywhere along a T-slot with a 1/4 turn twist
- 1/4-20 hardware may be needed for uncommon panel thickness (sold separately)

Technical Specifications:
- Block Material: Fiber Reinforced Nylon
- Nut Material: Zinc Plated
- Finish: Plain
- Color: Black
- Weight: 11 grams

Part ID | Description (Ordering Options)
--- | ---
UB32 | Uniblock for a 0.32 inch T-slot profiles
UB32W | Includes (1) UB32 with hardware, (1) 1/4-20x5/8 LHCS-zinc, and (1) 1/4 washer-zinc

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Universal Uniblock

Features:
- Metric and inch universal uniblock
- Used to mount panels or wire mesh panels into framed openings
- Uniblock may be mounted to any non-profile surfaces with proper M6 or 1/4-20 hardware (sold separately)
- M6 or 1/4-20 hardware may be needed for uncommon panel thickness (sold separately)

Technical Specifications:
- Block Material: Fiber Reinforced Nylon
- Nut Material: Zinc Plated
- Finish: Plain
- Color: Black
- Weight: 2 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UUB</td>
<td>Universal uniblock for any surface</td>
</tr>
<tr>
<td>UUB08W</td>
<td>Includes (1) UUB with (2) M6x14 LHCS-zinc, (2) M6 washer-zinc, and (1) TN08M6</td>
</tr>
<tr>
<td>UUB10W</td>
<td>Includes (1) UUB with (2) M6x16 LHCS-zinc, (2) M6 washer-zinc, and (1) TN10M6</td>
</tr>
<tr>
<td>UUB26W</td>
<td>Includes (1) UUB with (1) 1/4-20x3/8 BHCS, (1) 1/4 washer, (1) 10-32x3/8 BHCS-zinc, and (1) EN2610-32</td>
</tr>
<tr>
<td>UUB32W</td>
<td>Includes (1) UUB with (1) 1/4-20x5/8 BHCS, (1) 1/4 washer, (1) 1/4-20x5/8 BHCS-zinc, and (1) EN321/4-20</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Panels & Accessories

Uniblock Zinc

Features:
- Metric profile uniblock zinc
- Used to mount high load panels into framed openings
- Uniblock may be mounted to any non-profile surfaces with proper M6 or 1/4-20 hardware (sold separately)
- M6 hardware may be needed for uncommon panel thickness (sold separately)

Technical Specifications:
- Block Material: Die-cast Zinc
- Nut Material: Zinc-plated
- Finish: Zinc-plated
- Color: Black
- Weight: 11 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBZ0810</td>
<td>Uniblock zinc for an 8 mm, or a 10 mm T-slot profile</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Removable Panel Trim

Features:
- Metric profile removable panel trim
- Ideal for central mounted panels
- Great for holding glass panels with ease of assembly
- Panels should be cut 10 mm or 3/8 inch smaller than nominal opening

Technical Specifications:
- Base Material: Polypropylene
- Cover Material: Thermoplastic Elastomer
- Finish: Plain
- Color: Black
- Weight: 10 grams

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPTB0810</td>
<td>Removable panel trim base for an 8 mm, or a 10 mm T-slot profile</td>
</tr>
<tr>
<td>RPTC</td>
<td>Removable panel trim cover strip for RPTB0810</td>
</tr>
</tbody>
</table>

*Please contact Framing Tech for additional ordering options & savings on bulk orders.*
Panels & Accessories

Panels (Framing Tech Standard)

Features:
- Metric and inch profile panels
- Panel thickness is limited to the T-slot width:
  - 6mm or 0.26in T-slot = Panel max 3/16”
  - 8mm or 0.32in T-slot = Panel max 5/16”
  - 10mm T-slot = Panel max 3/8”
- Panels can be held in frame by T-slot reducers, panel trims, uniblocks or removable panel trims.

Technical Specifications:
- Material: Customer Specified
- Finish: Customer Specified
- Color: Customer Specified
- Thickness: Customer Specified
- Sizes: Typically 4’ x 8’ Sheets

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS</td>
<td>Black ABS panel with a “haricell” finish on one side</td>
</tr>
<tr>
<td>Polyethylene (HDPE)</td>
<td>Black or white polyethylene panel with a smooth glossy finish</td>
</tr>
<tr>
<td>Polycarb (Lexan)</td>
<td>Clear or black polycarb panel with a smooth glossy finish</td>
</tr>
<tr>
<td>Safety Glass (Laminated)</td>
<td>Clear safety glass (laminated) panel with a smooth glossy finish</td>
</tr>
<tr>
<td>Tempered Glass</td>
<td>Clear tempered glass panel with a smooth glossy finish</td>
</tr>
<tr>
<td>Peg Board</td>
<td>White peg board panel with a gloss finish</td>
</tr>
<tr>
<td>Melamine</td>
<td>Black or white melamine panel with satins finish</td>
</tr>
<tr>
<td>Melamine Laminate</td>
<td>Black or white melamine laminated plywood panel with a satin finish</td>
</tr>
<tr>
<td>PVC (Sintra)</td>
<td>Black, blue, gray or white PVC panel with a matted finish</td>
</tr>
<tr>
<td>Alumalite (A-lite)</td>
<td>Black, silver or white Alumalite panel with a glossy or matte finish</td>
</tr>
<tr>
<td>Valubond (Dibond)</td>
<td>White valubond panel with a semi gloss finish</td>
</tr>
<tr>
<td>Whiteboard</td>
<td>White dry-erase white board panel</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
## Wire Mesh Panels

### Features:
- Metric and inch profile wire mesh panels
- 1/2” mesh is ideal for light duty enclosures
- 1” mesh is ideal paneling for heavy duty machine enclosures
- Panels can be held in frame by T-slot reducers, mesh frame with uniblocks, or removable panel trims.

### Technical Specifications:
- **Wire Material**: Steel Wire
- **Coating Material**: PVC
- **Finish**: Glossy
- **Color**: Black or Safety Yellow
- **Thickness**: 3mm to 6mm (1/4 in)
- **Size**: Typically 4’ x 8’ Sheets

### Description (Ordering Options)

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Description (Ordering Options)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” Wire Mesh</td>
<td>1/2 inch gap wire mesh, made from 14 gauge steel wire with a PVC coating</td>
</tr>
<tr>
<td>1” Wire Mesh</td>
<td>1 inch gap wire mesh, made from 12.5 gauge steel wire with a PVC coating</td>
</tr>
</tbody>
</table>

- Please contact Framing Tech for additional ordering options & savings on bulk orders.
Machine Guarding

Framing Tech’s aluminum profiles are perfect for machine guarding being configured to meet any machine size requirements. Excellent solution for robotic or automation cells, perimeter guards, or complete machine enclosures.

Perimeter guarding frame provided to an equipment integrator in an assembled form. 12ga steel welded wire panels are black pvc coated with a 1” square opening. Mount on table top -done!
Perimeter Guarding

Create robot guards or other equipment barriers using Framing Tech’s aluminum extruded profile system & wire mesh panels. Wire mesh fence panels make an inexpensive solution for robots, conveyors and other automation equipment requirements. Note that wire mesh panels can be removable or non-removable.

Custom sized guarding cells to match the automation work-tops.

Injection mold machine gantry unload robot guarding cages.

Shipped as a panelized system.

Free standing mesh guard.
Work Stations

The team at Framing Tech has had years of experience in the area of custom workstations. Our workstations are completely configurable to meet any assembly-operation requirement. From a single ergonomic station to multiple lean cells we can make your operation more efficient and profitable. Our website has additional workstation configurations.

Multiple workstations were assembled at our facility & delivered & installed by FTI technicians. 1 1/4" maple tops, bin rails, steel tool drawers & lower CPU mounting shelf provided.

This line was designed to incorporate existing equipment & isolate sensitive areas with tinted glass panels.
Framing Solutions

Work Stations

A variety of workstations displaying the customization of Framing Tech’s aluminum profiles and accessories.

Custom operator station with tempered glass panels, drawers, computer support & see through top.

USPS “sort & weigh” bench w/ pullout printer & cpu shelves, upper shelf & movable keyboard support-arm.
Machine Frames

Framing Tech commonly uses our aluminum profiles to create automation machine frames. The automation integrators get their machines done quicker due to the fast assembly of the frames. This is because there is no wasted time waiting for welding, grinding, and painting. Not to mention the framing system is more accommodating to a design change or addition than a welded assembly.

10’ long automated assembly cell frame.

Gantry Lift Door on location (Left)
CAD Rendering (right)
Conveyors

If your automated cell needs to get the product moving then let Framing Tech help you create the framing solution to your conveyor needs. Framing Tech has a variety of conveyor rollers and mounting options to suit your needs. Check out FramingTech.com or call us for more details.
Enclosures

The professional team at Framing Tech personally have over 20 years of experience fabricating machinery enclosures. The aluminum profiles are an excellent choice to quickly and efficiently erect large structures to surround machinery. The T-slots are ideal for holding wire-mesh panels, glass windows, or any other desired paneling material.

Semi-conductor curing cabinets (Above): over and under ESD-FM CPVC panels. 2’3”x2’x5’

Acoustic Chamber
Computer Rendering (Above)
Finished Framing Solution (Right)
Enclosures

Modular Transport Enclosure
-- 3 sections for fast stack-up & cam locked together.

Forensic Enclosure with HEPA Filter opening 6’ x 3’10” x 6’3”, walk-in with floor support.

Forensic Enclosure with duct takeoffs & interior perforated diffuser panels. 6’8” x 2’3” x 4’
Material Carts

In need of a material cart that fits your requirements? Framing Tech offers material carts, mobile shelving units, tooling fixture carts, workstation support carts in virtually any size or configuration. Many panel or shelf materials are available to suit different application needs as well as special size/material casters for non-marking, cushioning, or ESD applications.
Material Shuttles

Aluminum profiles are perfect for fabricating custom sized material shuttles. Bin-racks or roll-material racks can be constructed in any configuration to accessorize lean work-cells or just to organize hardware or ungainly tubing and wiring products.

Double-sided Heavy duty bin-rack, accepts any standard bins such as Akro, Lin-bins etc.

Tubing & Hose dispensing cart.
Partitions

Do you have an area that needs to be sectioned off. Framing Tech has the framing solution for you. Wall partitions are a quick and customizable option for sectioning off a room, whether for a business setting or a downtown loft. Let Framing Tech help you convert your idea into reality.

From Idea...

...To reality.
Framing Solutions

Shelving

Need a shelving unit not found in a catalog? Framing Tech has the solution for you. We will design a custom one to suit your needs.

Framing Tech fabricated this 6’x11’x8’ sheet storage rack system using 45mm series profiles, 90 series profiles and hard board for the shelves, and blue pvc for the ends. Total of 4 units.

Photos from top left clockwise; Initial CAD file from customer, finished framing solution on location, additional framing solution on location, and rendered CAD file after Framing Tech’s design team re-designed the system.
Tradeshow Booths

Framing Tech is ready to offer you an alternative to the standard in tradeshow booth fabrication. Let us help you in creating the environment that will help you promote your brand and product. Our frames are structural, customizable, and aesthetically clean. Please contact us to help you create a one of a kind exhibit booth system.

A simple product support frame constructed using Framing Tech’s 45mm extrusions. The t-slots provide adjustable product display locations, and ability to hold product display panels as well.

30mm extrusions were used to provide a lightweight yet rigid solution for 12' product displays that had graphics applied as well as product support hooks. The focal point of these sections was an additional 6' high section bolted on top to create an intimidating 18' tall tower effect.

The wall sections are hinged together to be configured in various angles to maximize booth presentation & direct foot-traffic.
Framing Tech’s 45mm profile extrusions were used to provide a 10’ wide back-wall with angled wing-walls for a tradeshow booth. Wire-mesh wings allowed products to be positioned for easy viewing. Three (free standing) support tables were provided with laminate tops & sliding-door access for literature storage below.

Framing Tech’s 30mm series profiles created eight base frames with CNC routed 1/2” acrylic front panels with customer’s logo and edge lighting, remaining sides were Blue pvc and a laminated wood top for product display, In addition the back of each cabinet had an access door for excess storage of product, pamphlets and personal belonging, also two of the frames had an additional 4’ column to hold a projection unit.
Furniture

Framing Tech is ready to assist you in creating your next modular furniture piece. Our smooth sided aluminum profile are preferred when creating modern style modular furniture, with much more customization then welded steel. below are some examples of what our customers have created with our product. Visit our website for more information and ideas at www.FramingTech.com

Customer built entertainment and shelving unit utilizing Framing Tech’s 45mm series and angle gussets.

Big screen TV support cabinet (30 & 45 profiles & wood-laminate top) (Right). Wall shelves (30mm profile & wire-mesh) (Below).