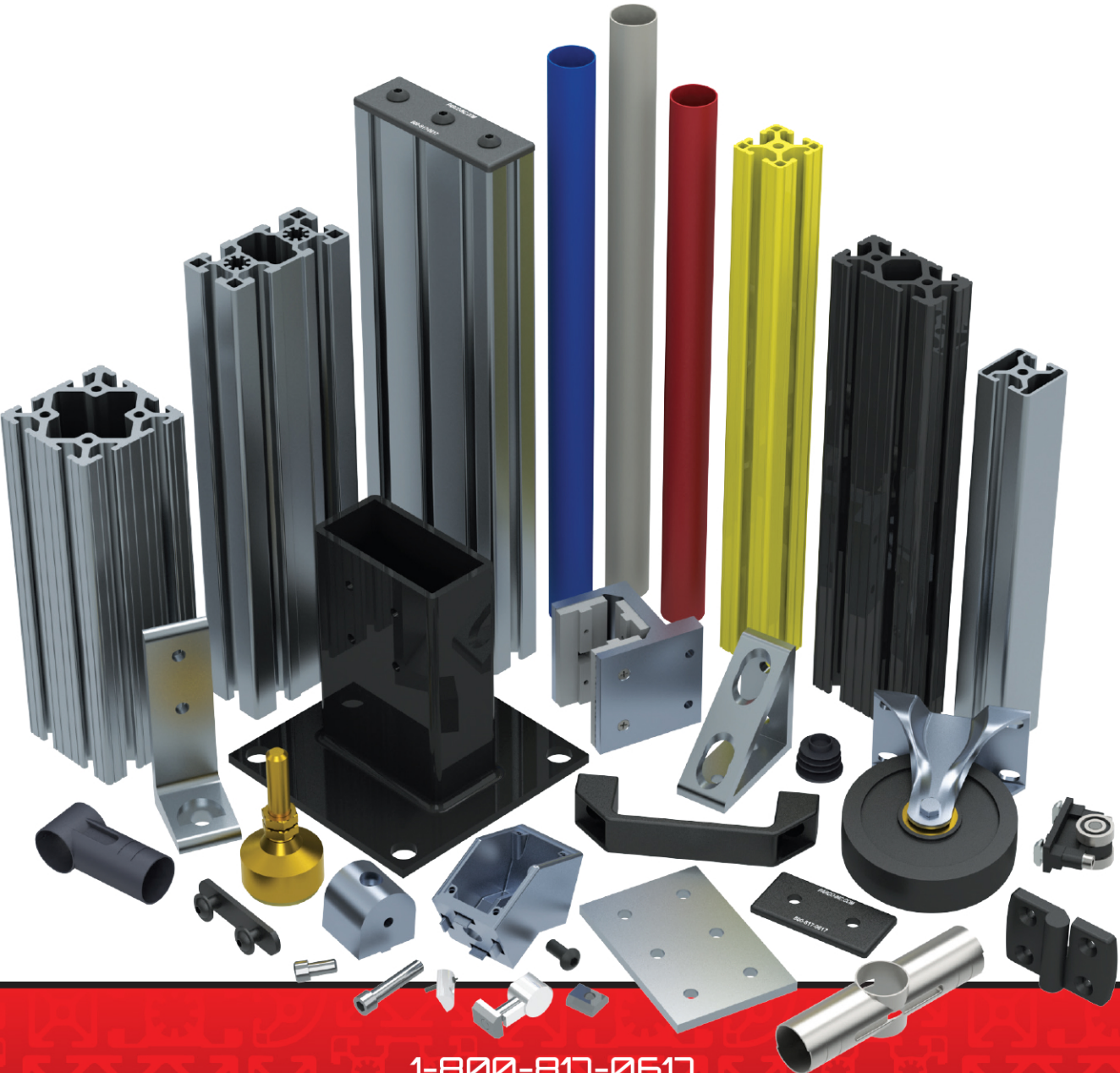




# Structural Aluminum Framing & Components

## Tubular Framing & Components

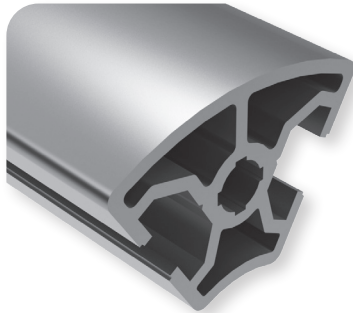


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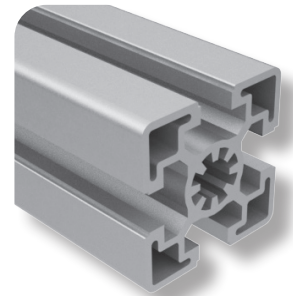
# Welcome to Parco!

## WHY CHOOSE PARCO T-SLOTTED ALUMINUM EXTRUSION FOR YOUR NEEDS?

- ✓ Corrosion resistant
- ✓ Lightweight
- ✓ High strength-to-weight ratio
- ✓ Non-magnetic
- ✓ Aesthetically pleasing



- ✓ Precise Tolerances
- ✓ No welding = no heat stress or warping
- ✓ Easy to configure and re-configure
- ✓ Vibration proof fastening with the drop lock feature



100% interchangeable with all existing fractional 1", 1.5", metric 30mm, 40mm, and 45mm extrusion profiles.

## PARCO, INC'S FULL LINE OF CATALOGS

Parco's Solutions, Kwik Tube Framing System, and Pre-Engineered Safety guarding catalogs are available upon request. These catalogs show our full line Kwik Tube, Pre-Engineered Safety Guarding, and extrusion & components.

Call for local support from distributors in your area.

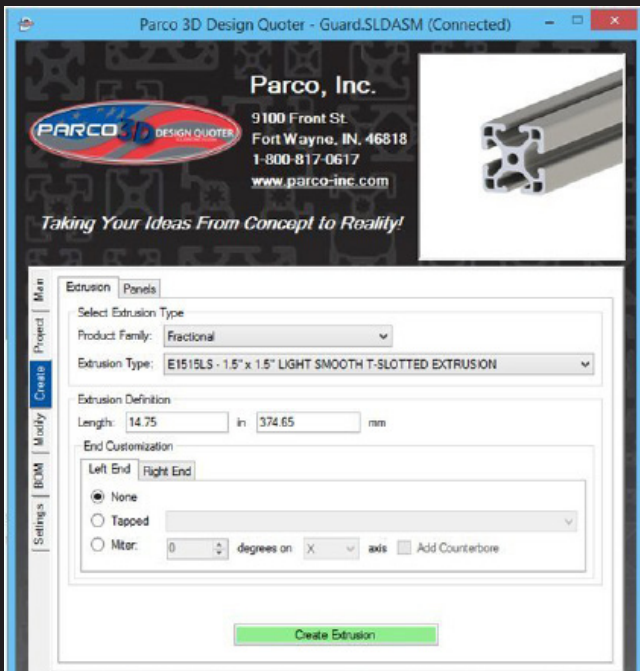
Serving customers of all sizes, from Fortune 500 companies to the "one-man shop".



Download all of our catalogs from [www.parco-inc.com](http://www.parco-inc.com)

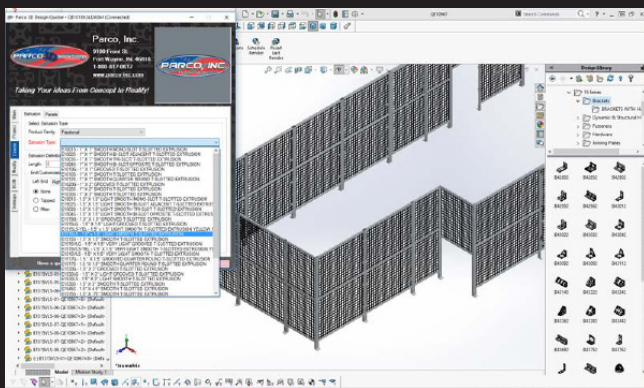


# Parco 3D Design Quoter Free Download



Download our SolidWorks compatible 3D Design Quoting Software for free, or send your idea to be designed by our team at no cost.

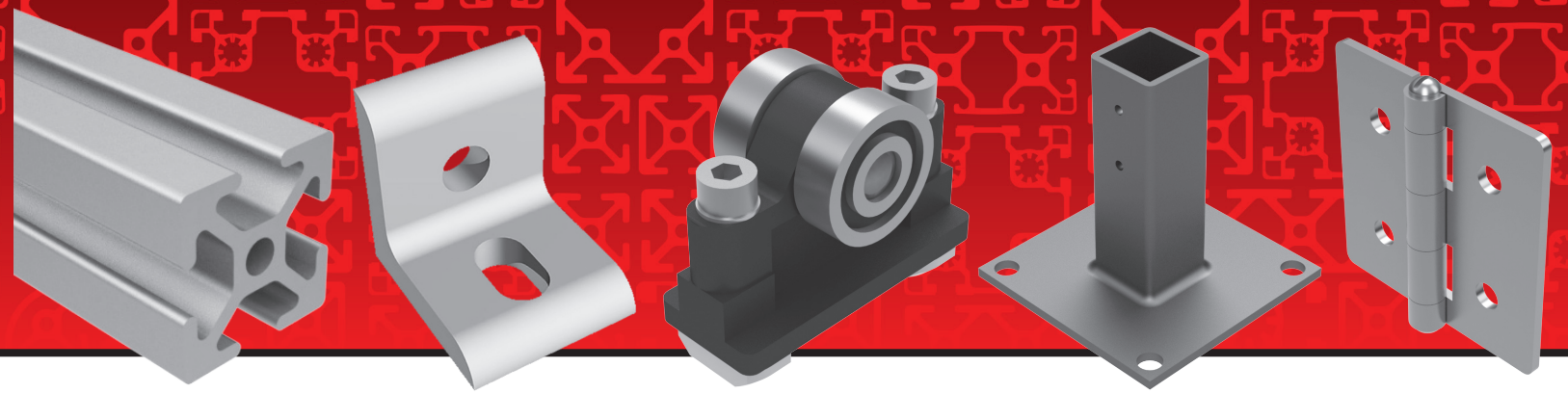
**1-800-817-0617**



Parco's experienced team of CAD designers can bring your ideas to life. Our custom design service is free to our customers. We stand behind our products 100%. If it's not right, we'll make it right. Guaranteed.



When your design is finished, our manufacturing team will build it to your exact specifications. Depending on your needs, your finished product will arrive fully assembled, or as a kit with easy-to-follow assembly instructions.



Nobody does T-slotted aluminum extrusion the way Parco, Inc. does it. After all, Parco employees have more than 50 years of experience, combined, in fabricating it and putting it to work in uniquely designed and engineered product applications. You'll find Parco's innovative T-slotted aluminum extrusion products used by all kinds of customers in all kinds of industries.

Business at Parco, Inc. revolves around T-slotted aluminum extrusion – its design, fabrication, and use in innovative products we custom-create for the manufacturing, automotive, and medical industries.

#### **JUST WHAT KIND OF SOLUTIONS DO OUR PRODUCTS PROVIDE?**

The primary advantages of our T-slot solutions include:

- Optimal productivity
- Increased operating efficiency and safety
- Improved workplace environments

Our customers also like the fact that all of our products are 100% interchangeable with 80/20's fractional and metric aluminum extrusion profiles as well as Bosch's aluminum structural framing strut and Item T-slotted extrusions, allowing you to match any existing products that you may come across.

Parco, Inc. has over 80 aluminum extrusion profiles and over 2500 T-slot components that our customers can either purchase individually, as pre-machined kits, or in fully assembled, finished products.

#### **FREE ENGINEERING AND DESIGN SERVICES**

We also offer free engineering and design services, courtesy of our dedicated engineering staff. Just send them the details of your project, and they'll provide you with a free quotation. They'll create a CAD drawing of your design, too, and send it to you as a PDF file to ensure that every detail is covered. Upon request, they can even provide you with 3D drawings.

And the finished product? We can assemble it professionally for you, once you've approved the final design. Or we can send it in kit form along with a tagged drawing you can use to assemble the product yourself onsite.

Have questions? Ready to send your product design? Need a quote? Want to order? Great! Just contact Parco, Inc. You can also reach us at 800-817-0617 or at [sales@parco-inc.com](mailto:sales@parco-inc.com). We've got the extrusion solutions you're looking for. That's just who we are!

[www.parco-inc.com](http://www.parco-inc.com)





# 100% Satisfaction Guarantee

## INTRODUCTION

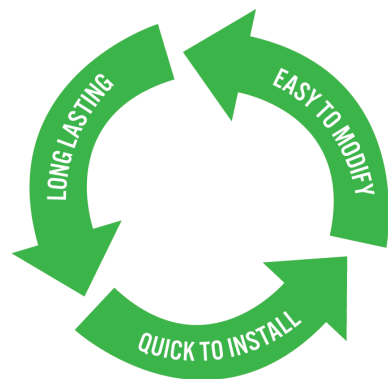


Business at Parco, Inc revolves around t-slotted aluminum extrusion - its design, fabrication, and use in innovative products we custom create for the manufacturing, automotive, medical industries, and beyond. "T-slot" refers, of course, to the shape of our extrusions. It's this shape that adds strength, allowing the use of lighter-weight aluminum rather than steel in the creation of various structures. It's this shape that makes assembling those structures much faster and easier than assembling steel structures. All you have to do is insert a t-nut and fastener into a t-slot and tighten. Unlike steel, no welding or grinding is required. You can put your structure together with nothing more than a few simple hand tools!

Though we were founded as Parco, Inc in 2001, our collective t-slotted aluminum extrusion experience goes back more than 50 years. Clients appreciate the depth of our industry knowledge and the extent of our capabilities. They've come to depend upon the versatility, strength, and aesthetic appeal of the t-slot solutions we provide them.

Parco Inc. is your best alternative for t-slotted aluminum extrusion solutions. All of our products are 100% compatible and interchangeable with 80/20's fractional and metric aluminum extrusion profiles as well as Bosch's aluminum structural framing strut and item t-slotted extrusions, allowing you to match any existing products that you may already have. Parco Inc. has over 80 aluminum extrusion profiles and over 2,500 t-slot components that our customers can either purchase individually, in pre-machined kits, or as fully assembled, finished products.

We also offer free engineering and design services, courtesy of our dedicated engineering staff. Just send details of your project and they will provide you with a free quotation. They'll create a CAD drawing of your design, too, and send it to you as a PDF file to ensure that every detail is covered. Upon request, they can even provide you with 3D drawings. The finished product will then be delivered to you per your request. Your satisfaction is guaranteed.



### Quick to Install

Insert a t-nut and fastener into a t-slot and tighten. It's that simple. No welding or grinding required. All you need to put together your Parco design is a few simple hand tools.

### Easy to Modify

T-slotted aluminum extrusion is, by it's very nature, easy to modify. If you find that your current structure no longer meets your needs, simply reconfigure what you currently have and add any required extras.

### Long Lasting

Aluminum is more corrosion resistant than steel and does not rust. It is also incredibly strong and durable for most applications.

## PRODUCT WARRANTY

All Parco, Inc. products are guaranteed to be free of actual defect in material and workmanship for (1) full year from the date product was shipped from the factory. This warranty is limited to replacing or repairing, at Parco's option, F.O.B. Parco, Inc, any part which, upon Parco inspection, is found to have a defect in material and/or workmanship. Parco in no event shall be liable for indirect or consequential damages arising out of the use of Parco products. Components purchased by Parco for inclusion by Parco shall be warranted only to the extent set out above and/or to the guarantee or warranty, if any, made by the supplier of said component.

No warranty is made by Parco, Inc., express or implied, that Parco products as used in a customer's design and specifications are fit for that customer's specific purpose. Apart from the above express warranty, there are no warranties, express, implied or statutory, including, without limitation, warranties of merchantability and fitness for a particular purpose, which extend beyond the description on the face hereof.

All product is shipped via best carrier, unless customer specified, F.O.B. Fort Wayne, Indiana.

100% Satisfaction Guaranteed on all Parco Products!  
No restocking fee if returned in new condition.

Section One  
Technical Data 1

Section Two  
Extrusions 2

Section Three  
Fasteners 3

Section Four  
Brackets 4

Section Five  
Hinges 5

Section Six  
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## How to Contact Us

### By Mail

Parco, Inc  
9100 Front St  
Fort Wayne, IN 46818

### By Phone

260-451-0810 - Direct  
800-817-0617 - Toll Free  
260-451-0843 - Fax



### Online

www.parco-inc.com  
customerservice@parco-inc.com

We also have distributors in your area who are knowledgeable and willing to help!  
Check our website for details.

## Minimum Orders

We don't believe in minimums. If you need it, we will ship it to you. We appreciate all of your business, even the small stuff.

## How Your Items Will Arrive

- Raw Materials: 92", 120" 240", 2.33M, and 6M bars of extrusion, fasteners, accessories, joining plates, plastic wire mesh, and hardware needed to build project.
- Kit Form: Includes all cut-to-length extrusion with any needed machining services, tagged to match CAD drawing, and all hardware needed for your project.
- Fully Assembled: Your project built at our facility, completely assembled to your specifications, and shipped to you, ready to go.
- In-Plant Installation: Our team of professionals will install your project in your facility and guarantee your satisfaction.

## What Makes Parco Unique?

- Our helpful customer service staff has over 50 collective years of experience with T-slotted aluminum extrusion
- We have a dedicated engineering staff on site to help you with your design process.
- Our account managers are here to help you, from idea to finished design.
- No minimum orders
- Our products are 100% interchangeable with all fractional 1", 1.5", and metric 30mm, 40mm, and 45mm extrusions.



# Order Example

Let's take a look at our part numbers. The letter at the front of the part number indicates what kind of part it is (extrusion, bracket, etc.). The number at the end indicates which series the part falls under.

**Section** →

**B43442**

← **Series**

E - Extrusion

B - Bracket

J - Joining Plate

F - Fastener

FC - Fastener

Combo

D - Dynamic Pivot

H - Hardware

S - Stanchions

L - Linear Motion

T - Tools

P - Structural

Profile

M - Machining

0 - Fastener

1 - 10 Series

2 - 15 Series

3 - 40 Series

5 - 30 Series

6 - 45 Series

8 - Transition

9 - Universal

## Parts Order Example

Extrusion	Part #	Quantity	Length	Units	Description (all extrusion dimensions start in the left)
	<b>E1515LG</b>	2	30.000	IN	M70402 in B left; M70402 in B right
<b>E1515LG</b>	2	30.000	IN	M70402 left; M70402 right	

Panels	Part #	Quantity	Length	Units	Description (all extrusion dimensions start in the left)
	<b>H26099</b>	1	6.000	SQ FT	1/4" Clear Polycarbonate (AD) 30.75 IN x (AB) 21.75 IN
<b>H26099</b>	1	1.500	SQ FT	1/4" Clear Polycarbonate (AD) 12 IN x (AB) 18 IN	

Machining	Part #	Quantity	Length	Units	Description (all extrusion dimensions start in the left)
	<b>M70102</b>	4		EA	Cut to Length 1.5" x 1.5" T-Slot and Tube
	<b>M70402</b>	4		EA	15S/40S Anchor Fastener Counterbore
	<b>M70602</b>	4		EA	5/16-18 Tap For 1.5" x 1.5" Extrusion
<b>M71509</b>	2		EA	Cutting Plastic Panel Any Side to <= 48 in	

Hardware	Part #	Quantity	Length	Units	Description (all extrusion dimensions start in the left)
	<b>H20302</b>	4		EA	1.5" x 1.5" End Cap Black w/ Push-Ins
	<b>H28232</b>	3		EA	15S/40S Black T-Slot Cover
	<b>H21152</b>	1		FT	15 S Rubber Panel Gasket
<b>B42952</b>	4		EA	15S 2-Hole Slotted Inside Corner Bracket	

Fasteners	Part #	Quantity	Length	Units	Description (all extrusion dimensions start in the left)
	<b>F31040</b>	4		EA	5/16-18 x .5" BHSCS
	<b>F31110</b>	4		EA	5/16-18 x .625" BHSCS
	<b>F32780</b>	4		EA	Black Zinc 15S Economy T-Nut 5/16-18 Thread
<b>FC33600</b>	4		EA	15S Anchor Fastener Assembly	

## Submit Your Order 3 Ways

**Toll Free**

800-817-0617

**Fax**

260-451-0843

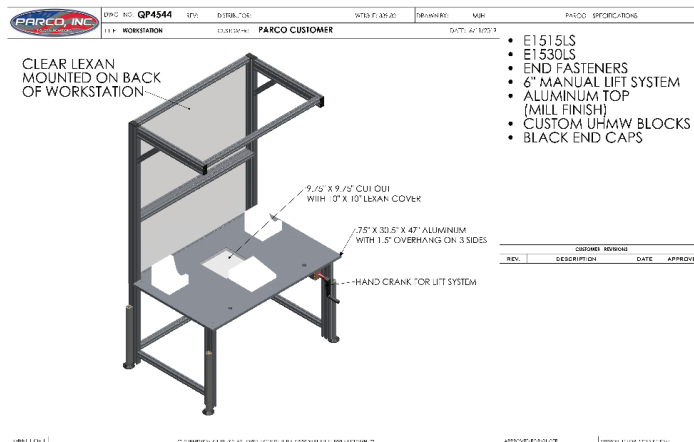
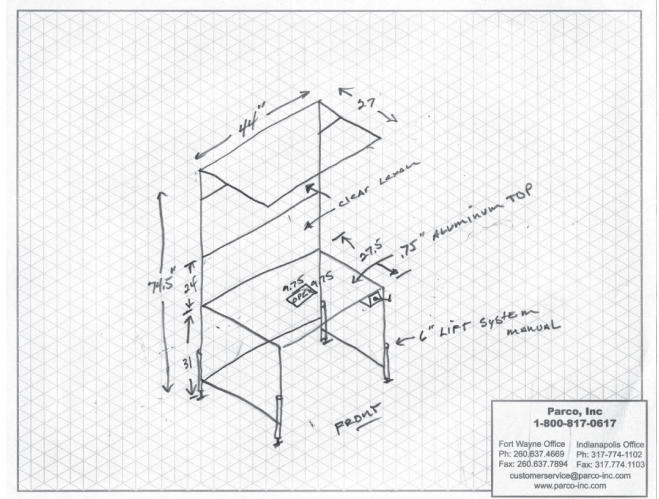
**Email**

customerservice@parco-inc.com

# Free Engineering and Design!

## Send In Your Details

Send a fax (260-451-0843) or an Email (design@parco-inc.com) with the details of your project and our design team will quickly and accurately provide you with a FREE quotation.



## SolidWorks Drawing

Parco will create a SolidWorks drawing of your design that will be sent to you as a PDF file to ensure that every detail is covered. 3D drawings are available upon request.

## Finished Product

Parco will professionally assemble your product once the design is approved. Parco can also send your product in kit form with a tagged drawing of the extrusion for easy assembly.



# Communication Boards

## Communication Boards - Customized to Your Specifications

Parco's Communication Boards can be designed to fit anywhere. If you need visual aids to increase awareness, productivity, or communicate important information in the office or out on the plant floor, we will provide you with what you are looking for.

### Materials

- Cork
- Dry Erase
- Magnetic
- Dry Erase + Magnetic
- Wire
- Blackboard

### Style

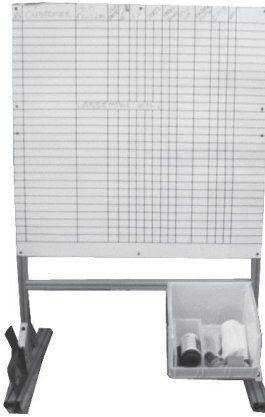
- Enclosed Bulletin
- Easel
- Free-Standing Whiteboard
- Conference Room Folding
- Combination Board
- Wall Mount
- Tri-Fold Board
- By-Passing White Boards
- And More!



Combination Cork/Dry Erase Board



Standing Display Center



Plant Information Board



Tri-Fold Dry Erase Board



Folding Dry Erase Board



Status Board



Two-Sided Communication Board



## Workstations - Customized to Your Specifications

### Frame Guidelines

Depth - 30", 36", Custom  
Width - 36", 48", Custom  
Height - 30", 36", Custom

### Caster Options

Caster Sizes - 3", 4", 5"  
Caster Styles - Swivel, Rigid, Locking, Unlocking

### Surface Material Options

Surface Material - Butcher Block, Laminate, Sheet, Aluminum

### Lighting Options

Overhead - Custom  
Undershelf - 24", 36", 48", Custom

### Computer Handling Options

Keyboard Options - Keyboard Tray, Keyboard Drawer, Keyboard Support  
Monitor Options - CRT Monitor Arm  
CPU Options - CPU Holder

### Shelving Options

Universal Shelf - 12", 18", 24"  
Laminate Shelf - 12", 15", 18"  
Wire Shelf - Custom  
Under-Surface Shelf - Custom  
Adjustable Shelving - Custom

### Drawer Options

Single 3" Drawer - Left, Right  
Double 3" Drawer - Left, Right  
Single 6" Drawer - Left, Right  
Double 6" Drawer - Left, Right

### Ergonomic Lift Options

Manual - 6", 8", 10", 12"  
Electric - 6", 8", 10", 12"

### Footrest Options

Footrest - Adjustable, Plate, Free Standing

### Assembly Options

Assembly - Kit, Pre-Assembled, Installed

### Power Outlet Options

Power Outlet - 15 Amps, 20 Amps

### Other Available Options

- Air Manifold
- Overhead Air Manifold
- Tool Trolley System
- Tool Balancer
- Binder Holder
- Monitor Riser Arm
- Monitor Double Pivot Arm
- Paper Roll Holder
- Parts Bin Rail
- Articulating Arm
- Soft Edge Protector
- Peg Board
- Cable Trough
- Akro Bin Holder



**Custom sizes are standard...  
no extra charge, no extra wait!**

# Workstation Ideas



Workstation with Articulating Presentation Arms



Stainless Steel Table with Part Bins



Multi-Function Workstation with Ergonomic Lift System



Custom Workstation with Mobile Cart



Workstation with Angled Work Surface



Computer Stand



Ergonomic Assembly Table with 12 List System, Bin Holders, and Fixtures



Ergonomic Inspection Table with Monitor and Overhead Light



Ergonomic Fixture Table with Maple Top and 12 Inch Lift



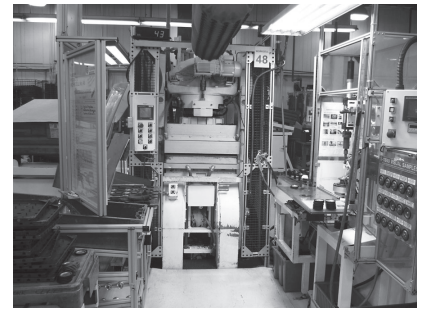
# Workstation Ideas



Custom Assembly Station With Rollers



Packaging Table



Lean Manufacturing Workcell Area



Ergonomic Packaging Table with Lift System and Slide-Out Table Top



Ultimate Work-cell with Overhead Lighting, Status Board, Gravity Flow Rack, Heavy Duty Pull Out Tool Tray, and Parts Bin on Casters



Worktable with Adjustable Shelving on Bottom and Cork Board on Back



Assembly Table With Laminated Top and Overhead Lighting



Ergonomic Inspection Table with Monitor and Overhead Light



Standing Assembly Table with Overhead Lighting, Maple Top, Drawer, and Parts Bin for Assembly

# Workstation Ideas



Stainless Steel Top with Pegboard Back



Row of Manufacturing Workcells



Multiple Ergonomic Stations



Product Presentation and Adjustable Assembly Workstation



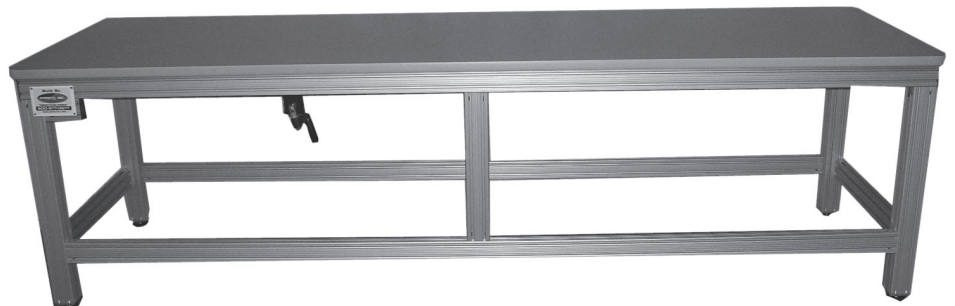
Packaging Table



Multi-Function Station with Storage Bin, Flow Rack, Communication Board, Overhead Light, and Tool Drawer.



Lean Manufacturing Workcell with Monitor and Part Bins



Heavy Duty Adjustable Table



# Stairs and Platforms

## Stairs and Platforms - Customized to Your Specifications

Our stairs use Grip Strut stair treads with diamond shaped openings. Serrated teeth provide a strong, slip resistant surface that grips in all directions. The T-slotted extrusion keeps our stair systems strong and light for easier mobility.

Stair platforms can be designed for any hard-to-reach area, or for crossing over conveyors. Great around machinery and OSHA approved.

### Frame Guidelines

Width - 24", 36", 48", 60", 72", Custom

Steps - 2, 3, 4, 5, 6, Custom

### Tread Material

Galvanized, grip strut with diamond shape

Perforated

### Platforms

Height - 14"

Length - 24", 36", 34", 36"

### Style

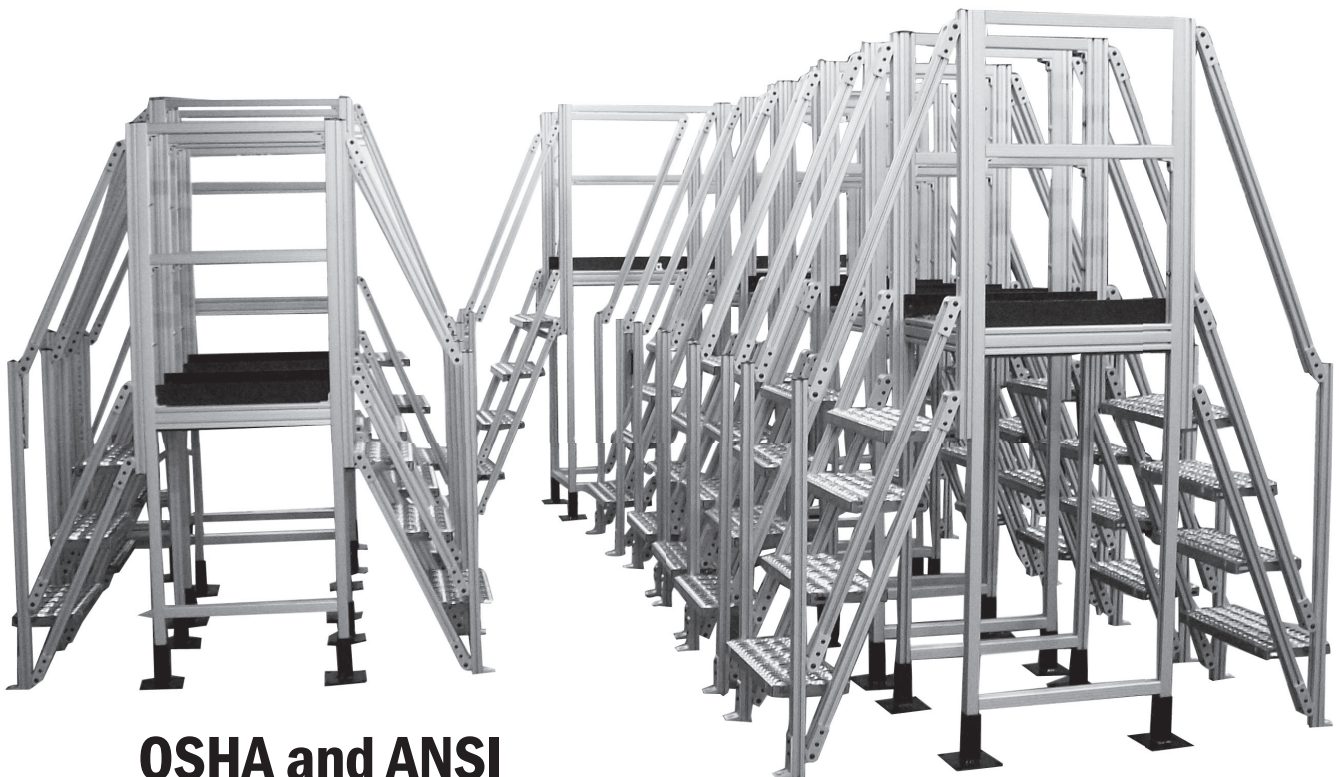
- Ladder
- Step
- Crossover
- 3-Way Crossover

### Assembly

Kit, Pre-Assembled, Installed

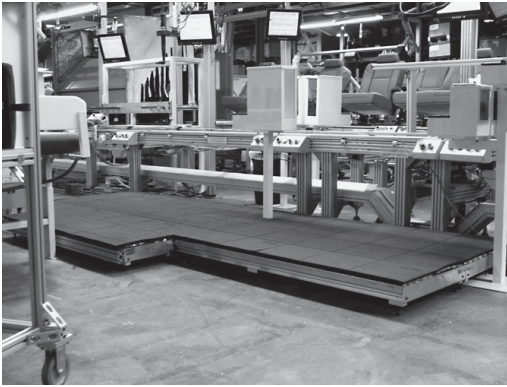


**Platforms and stairs for any application: Big or Small!**



**OSHA and ANSI  
Compliant!**

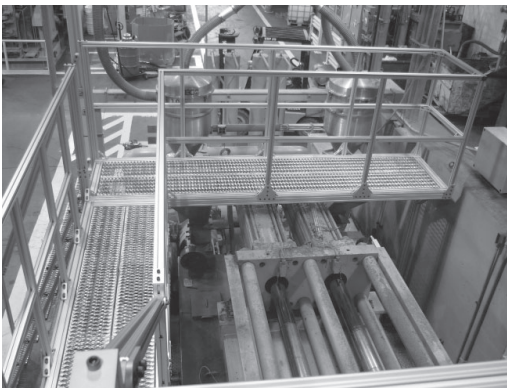
# Stairs and Platforms



Assembly Line Platform with Pad



Moulding Press Catwalk



Catwalk Platform



Stair Crossover



Custom Stairs and Platforms



Adjustable Work Platform



Large Conveyor Crossover



Machine Operator Platforms



# Perimeter Guarding

## Perimeter Guarding - Customized to Your Specifications

Parco's perimeter guarding is quick and easy to purchase and assemble. Using T-slotted aluminum provides all the flexibility the industry needs and meets OSHA and ANSI requirements.

Our t-slotted aluminum extrusion products are utilized for the framing on all of our perimeter guarding units. We then use PVC-coated wire mesh or clear polycarbonate panels to construct the barrier wall. These products together make a sturdy, durable, aesthetically pleasing, and flexible finished product. The components are available in fractional and metric measurements, meaning they are fully compatible with most existing products on the market.

### Frame Guidelines

Width - 12", 24", 36", 48", 60",  
72", 84", Custom

Height - 60", 80", Custom

### Surface Material

- 1x1" black PVC coated
- 1x1" yellow PVC coated
- 1/4" clear polycarbonate
- 1/2" x 1/2" black PVC coated
- 1/2" x 1/2" yellow PVC coated
- 1/8" clear polycarbonate

### Doors

- Dead Bolt
- Key Interlock
- Hinged Safety Interlock

### Assembly

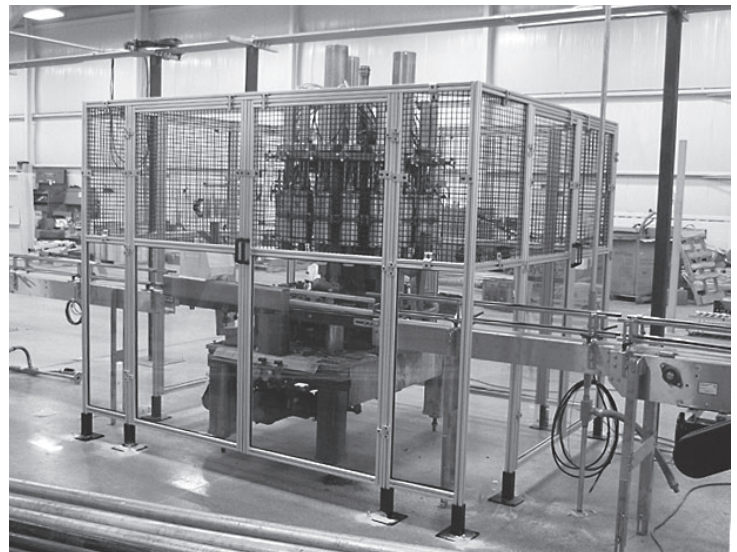
Kit, Pre-Assembled, Installed



Sliding Door Perimeter Guard



Wire Mesh Perimeter Guard

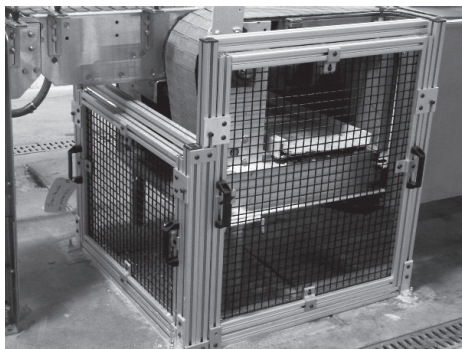


Wire Mesh & Clear Polycarbonate Combination

**The quickest perimeter guard to price and install in the industry!**



# Perimeter Guarding



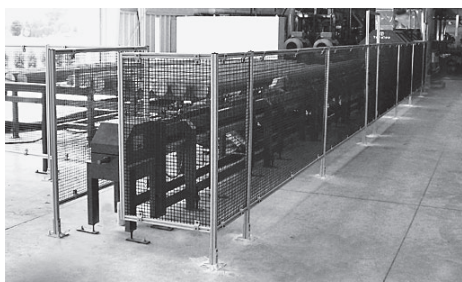
Conveyor Lift Off Perimeter Guard



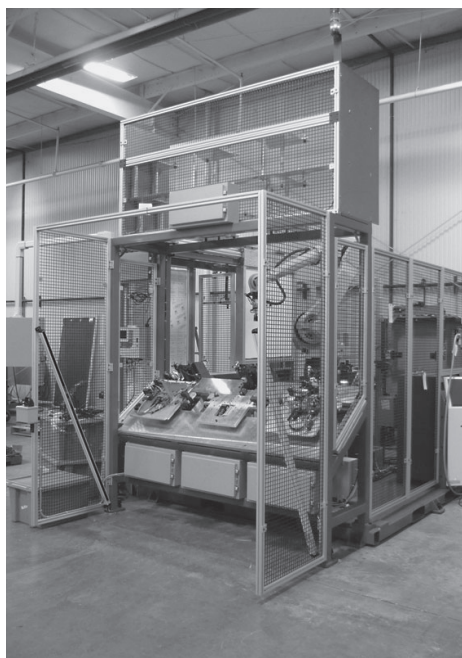
Polycarbonate Safety Guard



Extra Tall Perimeter Guard



Machine Perimeter Guard



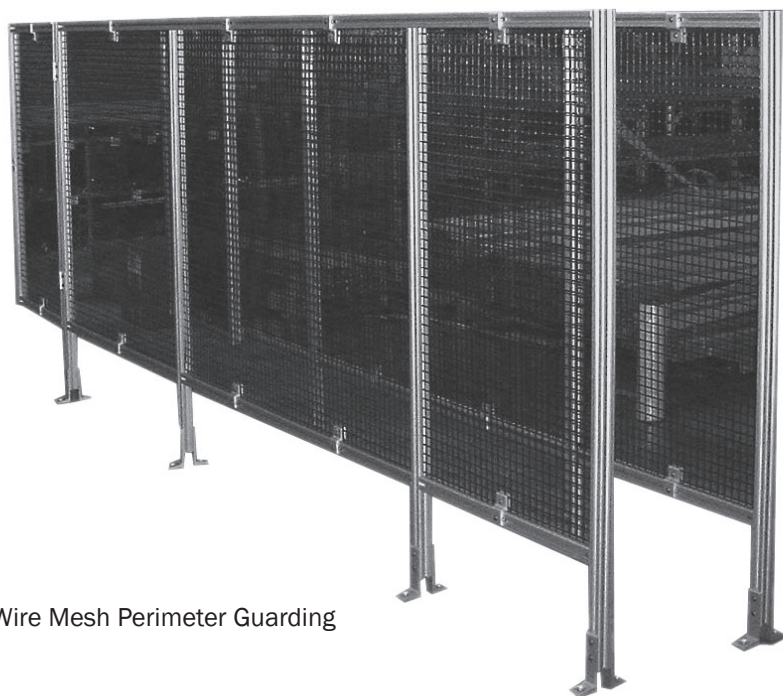
Guard For Robotics



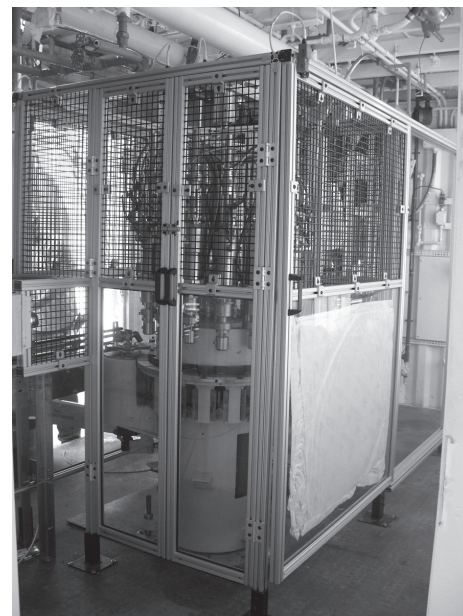
Parts Chute Guard



Custom Perimeter Guarding



Wire Mesh Perimeter Guarding



Filler Machine Guard

## Press Guards - Customized to Your Specifications

Our press guarding is designed with spring-lifts for vertical door applications that are furnished on machines where guards need to be quickly and easily positioned up and out of the way for die setup and maintenance. These lift-type guards are designed for each application to meet the requirements of OSHA regulations and ANSI standards.

Our press guards are aesthetically pleasing, provide safety for employees, and are easily installed in minutes. Like all Parco products, we will work with you to custom design a solution at no extra cost and with no extra lead time!

### Door Sizes

Width - 20", 30", 36", 48", 60", 72", Custom  
 Height - 20", 30", 36", 48", 60", Custom

Width - 24", 36", 48", Custom  
 Height - 80", Custom

### Panel Material

- 1x1" black PVC coated
- 1x1" yellow PVC coated
- Clear polycarbonate
- Black ABS haircell panels
- 1/2" x 1/2" black PVC coated
- 1/2" x 1/2" yellow PVC coated
- 1/4" bronze polycarbonate
- Expanded Wire Mesh

### Accessories

- Light Curtains
- Safety Interlock Switches
- Pull-cord Safety Switches
- Hairpins
- Safety Mats

### Style

- Vertical Door System
- Bi-Fold Door System
- Sliding Door System
- Hinged Door System

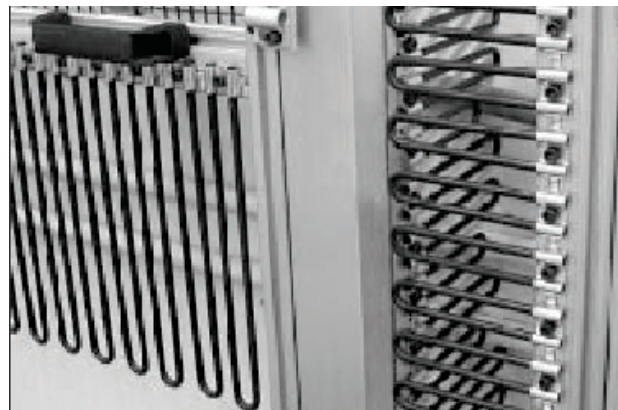
### Assembly

Kit, Pre-Assembled, Installed



Part No. FKT-753  
 Hairpin Clip Assembly

### HAIRPINS

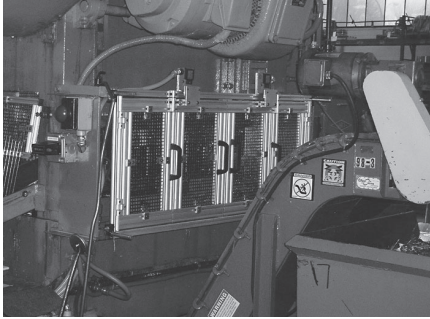


Hairpins provide adjustability of the guard for going around conveyors, chutes, or other obstructions on the machine or robot.

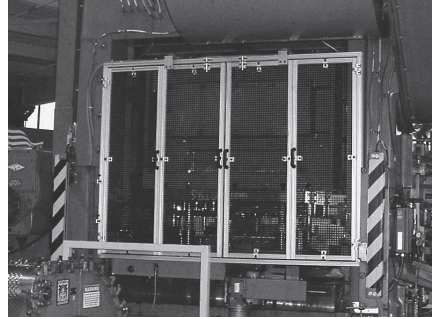
Length	Part #
3"	FKT-701
4"	FKT-702
5"	FKT-703
6"	FKT-704
7"	FKT-623
8"	FKT-705
9"	FKT-624
10"	FKT-706
11"	FKT-565
12"	FKT-707
13"	FKT-625
14"	FKT-708
15"	FKT-626
16"	FKT-709

Length	Part #
17"	FKT-627
18"	FKT-710
19"	FKT-628
20"	FKT-566
21"	FKT-711
22"	FKT-712
23"	FKT-713
24"	FKT-714
25"	FKT-715
26"	FKT-716
27"	FKT-717
28"	FKT-718
29"	FKT-719
30"	FKT-629

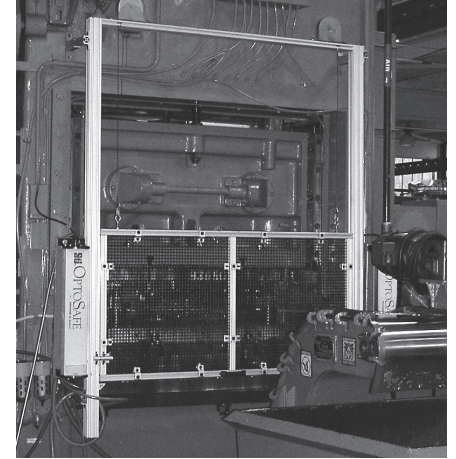




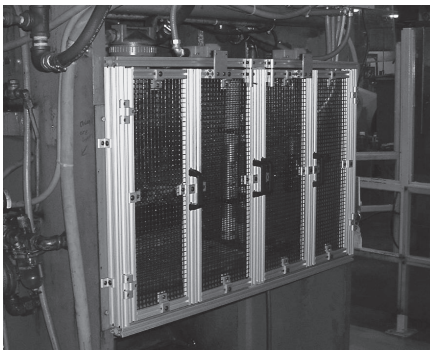
Bi-fold Guard on Back Side of Press



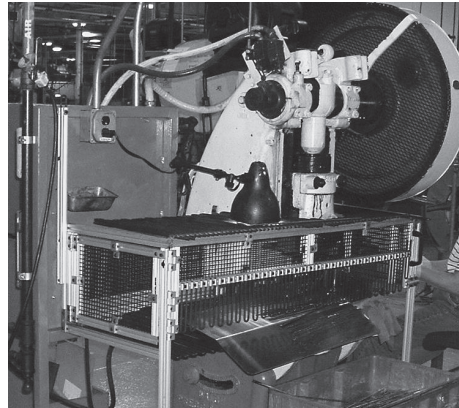
Bi-fold Press Guard



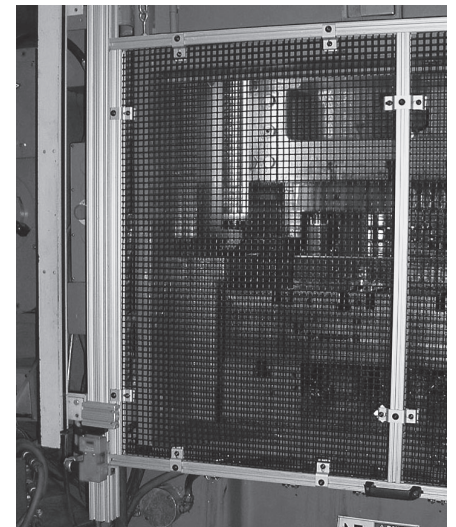
Safety Guard on Press



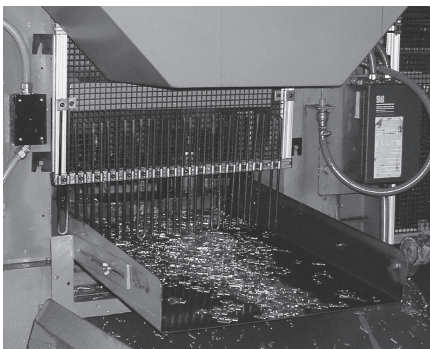
Bi-fold Guard with Safety Interlocks



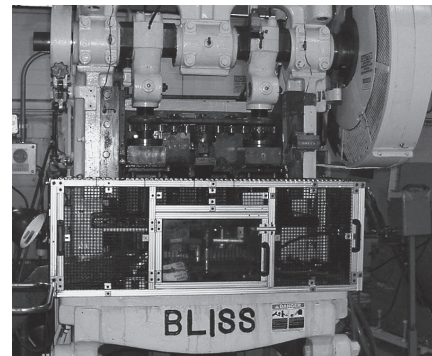
Stamping Press Guard



Press Guard with Light  
Curtain and Safety Interlock



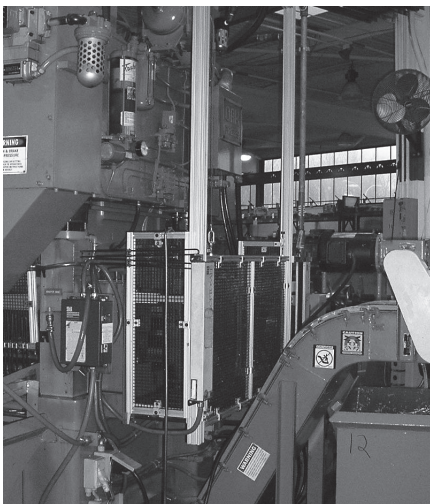
Chute Guard with Adjustable Fingers



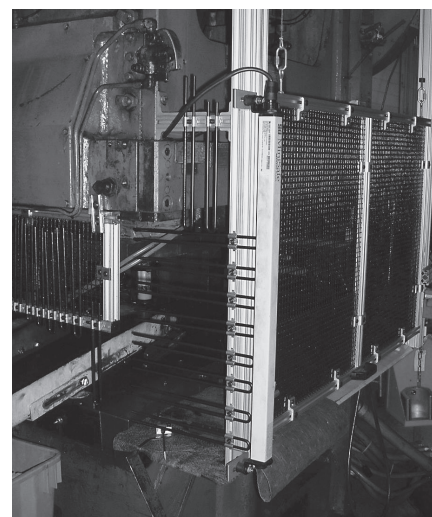
BLISS Safety Guard



Safety Press Guard  
with Light Curtains



Side Protection on Press Guard



Side View of Press Guard



# Machine Guards

## Machine Guards - Customized to Your Specifications

Guarding with our T-slotted extrusion is quick, flexible, and professional looking. We guard robotic equipment, all styles and sizes of presses, and more. We use PVC coated wire mesh, many different polycarbonates, deadbolt locks, lift-off hinges, locking handles, safety interlocks, and light curtains for your employees' safety. We can guard just about anything. Parco products will meet OSHA and ANSI safety requirements!

### Frame Guidelines

Width - 16", 24", 30", 32", 48", 60", Custom  
Height - 16", 24", 30", 32", Custom

### Panel Material

- 1x1" black PVC coated
- 1x1" yellow PVC coated
- 1/4" Clear polycarbonate
- Black ABS haircell panels
- White ABS haircell panels
- Yellow ABS haircell panels
- Safety Glass
- 1/2" x 1/2" black PVC coated
- 1/2" x 1/2" yellow PVC coated
- 1/4" bronze polycarbonate

### Doors

- Hinged
- Sliding
- Lift
- Roller
- Bi-Fold
- Spring-Loaded
- Gas Shock
- Safety Interlock Hinge

### Door Locks

- Deadbolt
- Plastic Handle
- Unlocking Door Handle
- Magnetic Door Catch
- Safety Interlock Switch
- Locking Door Handle
- Tension Ball Latch
- Call for Other Options

### Floor Mounting

- Steel Floor Plate
- Economy Floor Mount

### Other Accessories

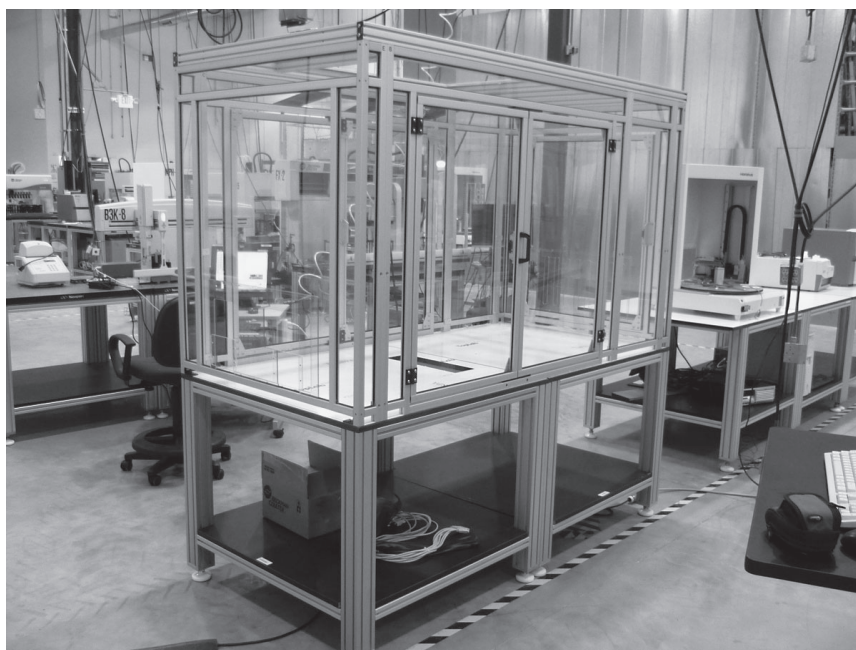
- 1" Sound Foam
- 1" Folder Insulation
- Lighting

### Assembly

Kit, Pre-Assembled, Installed



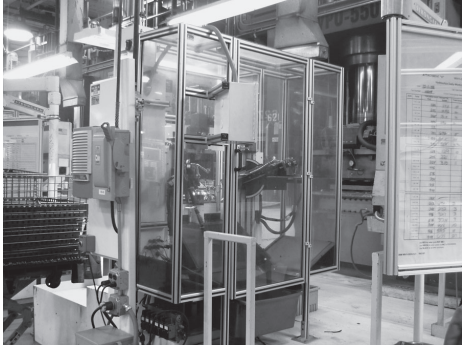
We can provide installation services for our machine guarding at your location.



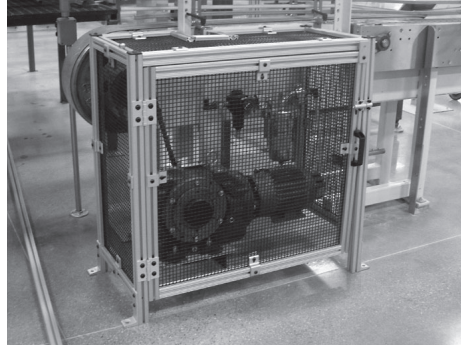
Machine enclosure with smooth extrusion and extrusion bases



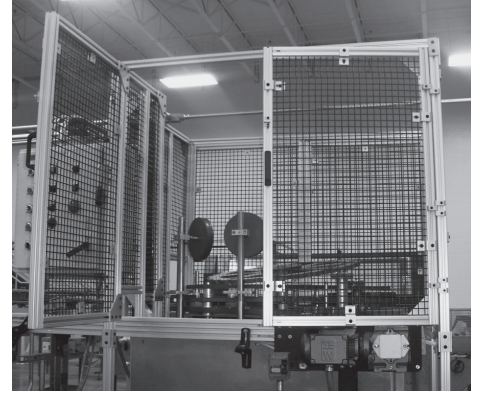
# Machine Guards



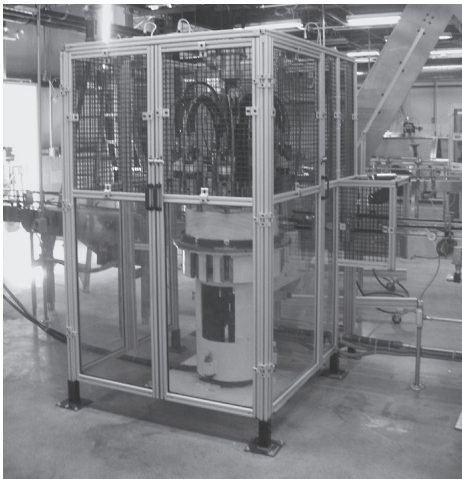
Trimmer Machine Guard with Control Panel Attachments



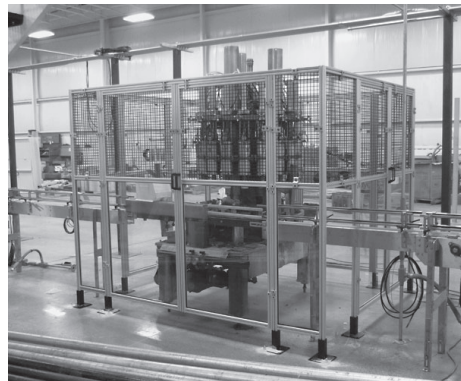
Motor Drive Guard



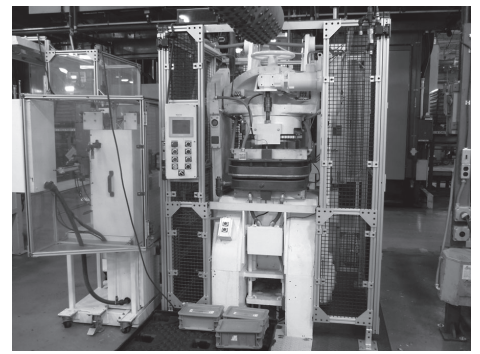
Machine Enclosure



Automated Equipment Enclosure



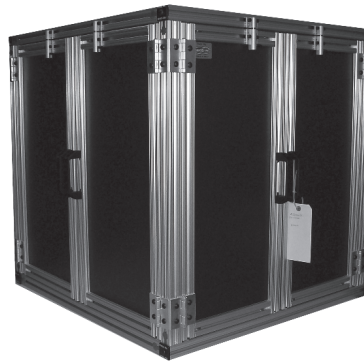
Clear Polycarbonate Machine Guard



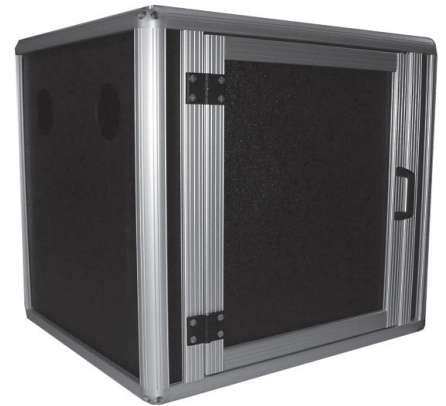
Press Guard with Light Curtain



Conveyor Motor Enclosure



Machine Sound Enclosure



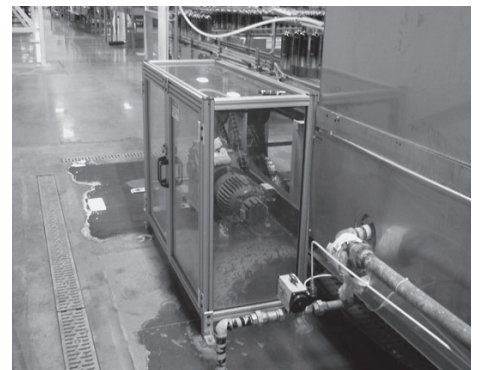
Enclosure with Rounded Corners



Table Top Enclosure



Wire Mesh Enclosure



Clear Lexan Enclosure

# Climate Control Enclosures

## Climate Control Enclosures - Customized to Your Specifications

Parco enclosures are great for machine enclosures, in-plant offices, testing enclosures, and temperatures controlled rooms. They are easy to assemble in your facility. Within hours of receipt, you can be utilizing the enclosure! They come in pre-assembled sections for quick installations, are lightweight, and can be modified to fit your needs now and in the future. Add a Parco workstation inside for an assembly or inspection table to increase worker comfort and productivity in your plant.

### Frame Guidelines

Width - 8", 10", 12", 14", 16", 18", 20", Custom  
Height - 8", 10", 12", Custom

### Panel Material

- Clear Polycarbonate
- Expanded PVC Panels
- Twin-Wall Polycarbonate
- Abrasion-Resistant Coated Polycarbonate
- ABS Haircell Panels
- Alucobest Panels
- Alumatite
- Kydex Panels
- Call for more options

### Doors

Width - 30", 34", 36", 48", 60", Custom  
Style - Hinged, Bi-Fold, Sliding

### Other Available Options

- Lighting
- Rubber Door Seal
- Overhead Tool Balancers
- Safety Interlock Switch
- Locking Door Handle
- Insulated 3" Wall

### Colors

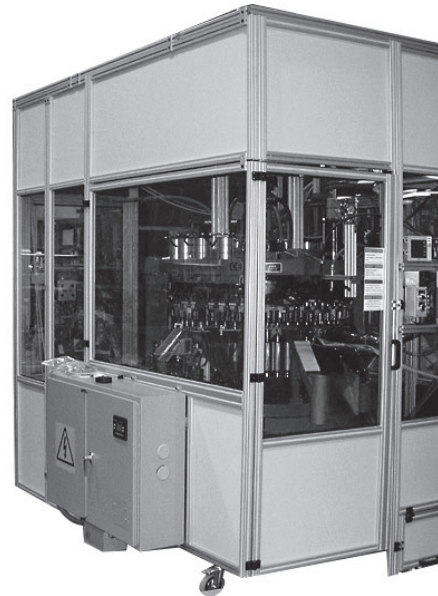
- White
- Red
- Yellow
- Blue
- Black
- Gray
- Clear
- Bronze

### Assembly

Kit, Pre-Assembled, Installed



Climate Controlled CMM Enclosure



Sound and Climate Control Area



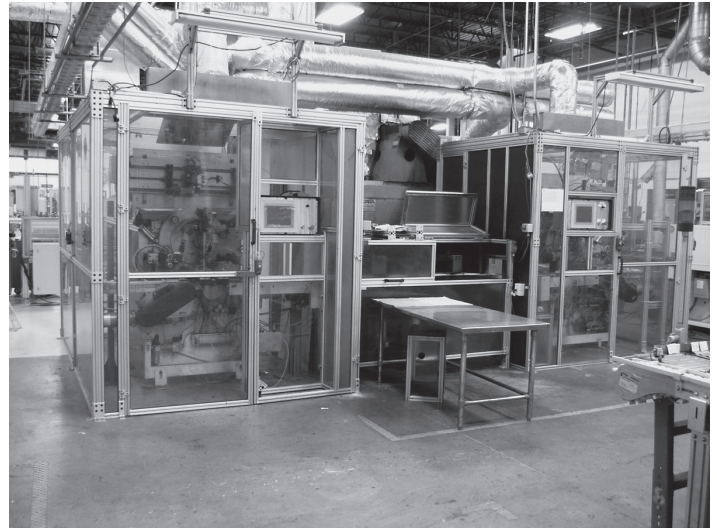
Climate Controlled CMM Enclosure



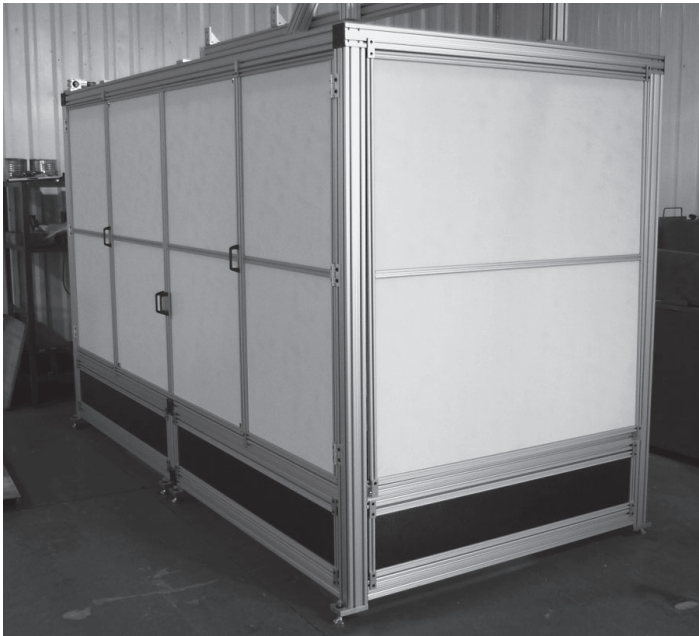
# Climate Control Enclosures



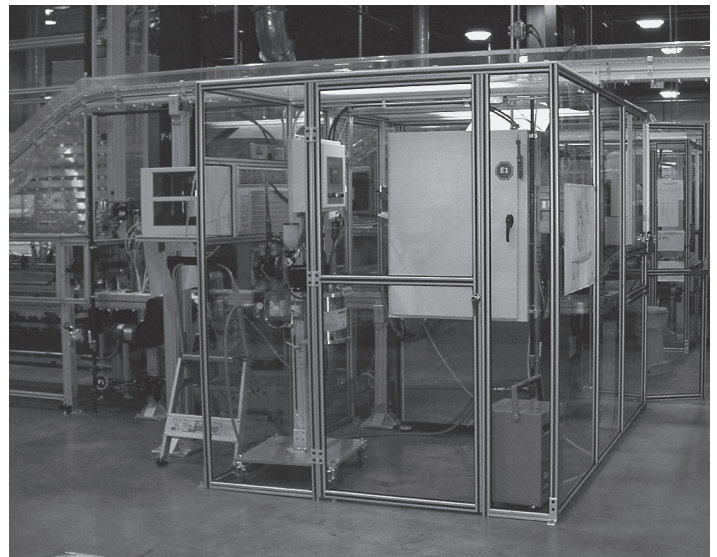
In-Plant Offices



Custom Climate Control Enclosure with Insulation on Inside Walls, Lighting, and Conveyor Cover Between Units



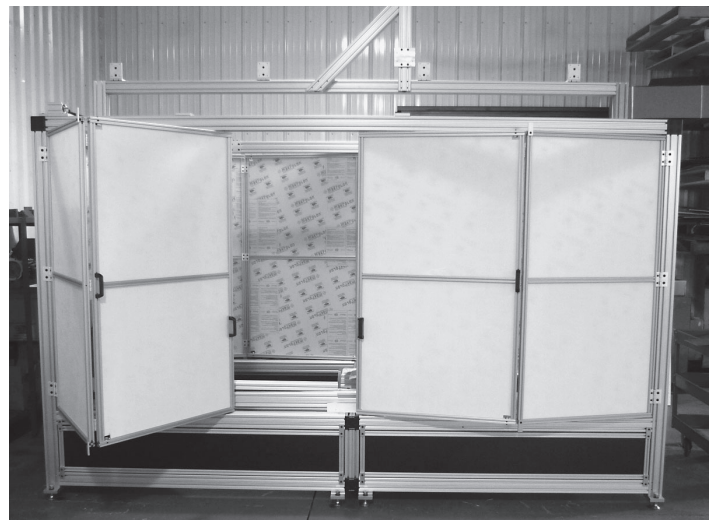
Machine Enclosure with Doors Closed



Climate Controlled Printer Enclosure



Medical Application with Smooth Extrusion for Workcell Tables and Enclosures



Machine Enclosure with Bi-Fold Doors

# Material Handling

## Material Handling - Customized to Your Specifications

Parco's custom designed material handling carts are designed to be lightweight with quality casters to allow for easy mobility around your facility. Our T-slotted aluminum construction allows you to easily add, remove, or change the shelving as your material handling needs change.

Because we specialize in custom designs, your cart will be built exactly how YOU need it to be...with no extra charge and no extra wait time!

The guidelines show our most common materials and sizes. Call Parco's customer service line to find out more and begin designing the best solution for your material handling needs.

### Frame Guidelines

Width - 24", 30", 36", 40", 48" Custom  
Length - 24", 30", 36", 40", 48" Custom  
Height - 30", 32", 36" Custom

### Shelving Material

- Black Haircell Plastic
- CRT Keyboard Tray
- Laminates
- Steel
- White HDPE
- Aluminum

### Casters

- 3", 4", 5"
- Locking
- Unlocking
- Rigid
- Swivel

### Accessories

- Folding Legs
- AKRO Bins
- AKRO Bin Holders
- Cupholders
- Ergonomic Lift Systems 6", 8", 10", 12", 16"
- Pull Out Shelving
- Locking Doors

### Assembly

Kit, Pre-Assembled, Installed



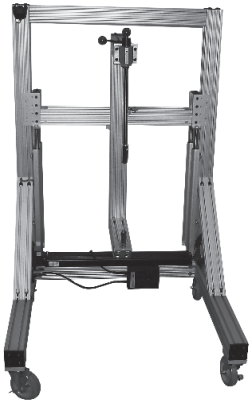
Drying Rack Cart



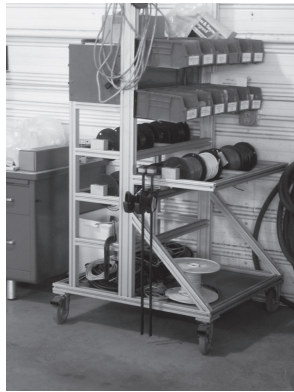
Material Handling Carts

*Great for Lean  
Manufacturing Cells!*





Adjustable Fixture Cart



Wire Spool and Parts Cart



Cardboard Handling Cart



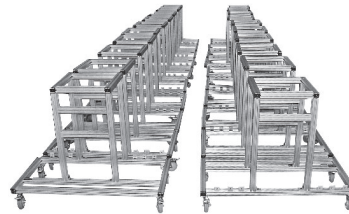
Display Gurney



Mobile Table



Parts Cart



Fixture Carts



Dolly



Foam Cart



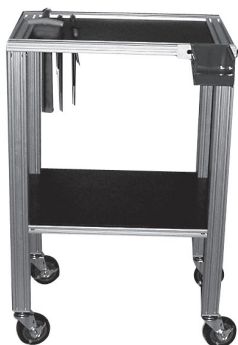
Material Handling Cart



Steel Topped Cart



Tube Cart with Hitch and Receiver



Tool & Storage Cart



Transportation Cart



Liquid Tank Cart



Part Holding Carts

# Gravity Flow Racks

## Gravity Flow Racks - Customized to Your Specifications

Gravity Flow Racks save time, labor, and space. Less time spent walking and searching for items means fewer pickers working with less supervision. Because fewer aisles are needed, valuable floor space is saved. Parco's Gravity Flow Racks are strong, durable, and have the flexibility to change and expand as production needs change.

Our Gravity Flow Racks are a completely customized solution to your storage and picking work flow. Customized models are standard, with no extra cost or wait time!

### Frame Guidelines

Width - 16", 18", 20", 22", 24", 26", 28" Custom

Height - 30", 34", 38", 42", 46" Custom

### Type of Roller System

- Roller Track
- Roller
- Rail
- Heavy-Duty Roller Track

### Casters

- 3", 4", 5"
- Locking
- Unlocking
- Rigid
- Swivel

### Assembly

Kit, Pre-Assembled, Installed



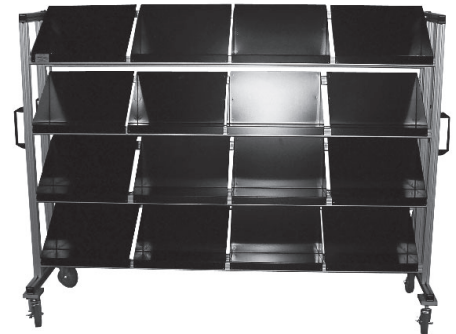
Custom Flow Rack



Lean Manufacturing Gravity Rack



Tote Fill Station and Transfer



Mobile Parts Presentation Flow Rack



Auto Seal Material Flow Rack



Double-Sided Tote Cart



Flow Rack

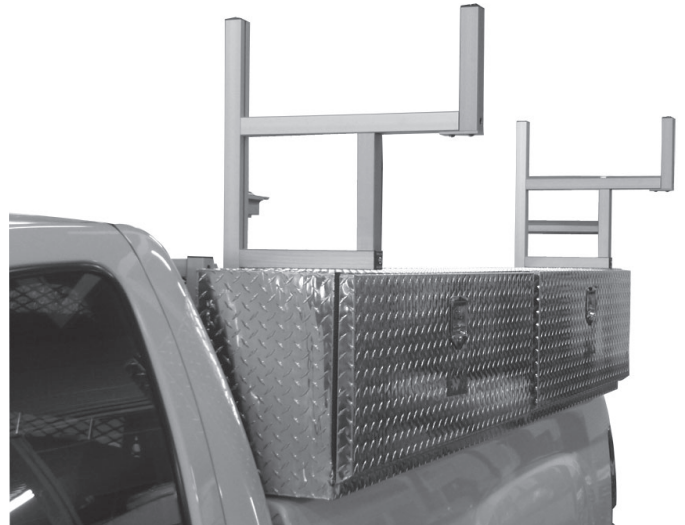


## Truck Accessories - Customized to Your Specifications

Use your imagination to outfit your truck for work or play.



Mounting for Brake Press for Installation Truck



Ladder Rack Brackets for Installation Truck



Race Car Hauler Enclosure



*The only limit to  
what you can create  
is your imagination!*

This traveling product demonstration vehicle features storage areas for literature, a worktable with drawer, and a closet for coats and supplies.



# Display Units

## Display Units - Customized to Your Specifications

Parco's custom display units are aesthetically pleasing and will show off your product to its best advantage. Designed and built with T-slotted aluminum extrusion to allow flexibility in transportation and set up on exhibit day. Great for showroom displays, corporate signage, kiosks, and store presentation units.



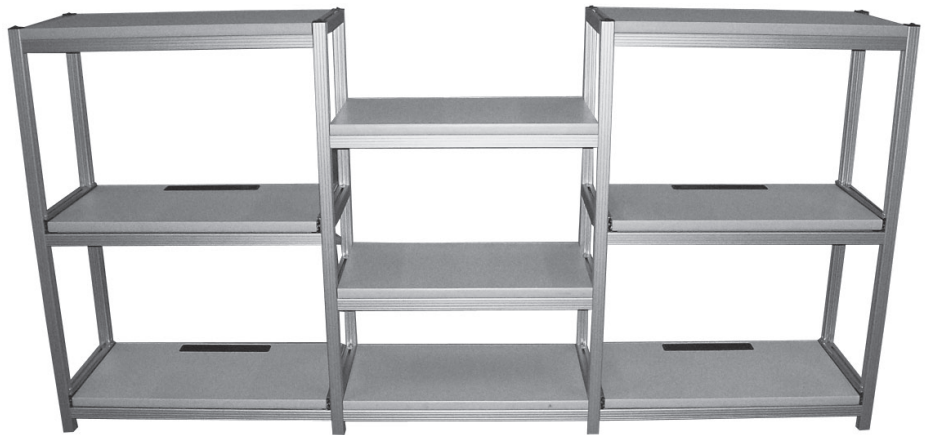
Display Case



Display Case



Display Shelving



Display Shelving



Folding Display



Coffee Shop Display



Folding Display Background

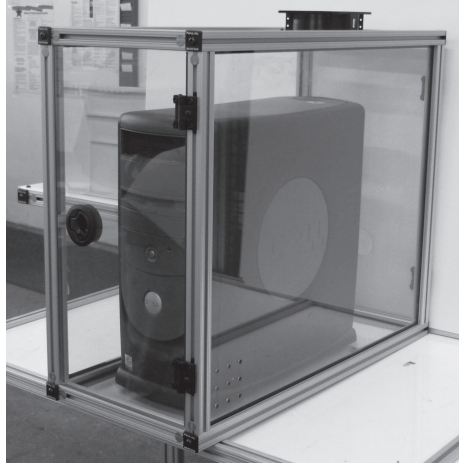


## Office Furniture - Customized to Your Specifications

With help from Parco's design team, you can build your office the way you want it! Strong, durable, and aesthetically pleasing, it's a great alternative to plain office furniture.

### Using T-slotted aluminum, Parco can build:

- Computer Armoires
- Computer Desks
- Conference Tables
- Corner Desks
- Executive Desks
- Dry Erase Cabinets
- L-Shaped Desks
- Office Dividers
- U-Shaped Desks
- White Board Displays



Computer Enclosure with  
HEPA Filter and Fan



Complete Office Set with  
Side Desk For Computer



Tri-Fold Dry Erase Board



Office Desk



Table and Credenza



Office Desk



**1**





## Parco Extrusion Advantages

- Linear adjustment in X, Y, and Z axis
- All fractional extrusions are on 1/2", 3/4", 1", or 1 1/2" center lines. All Metric extrusions are on 30mm, 40mm, and 45mm center lines
- All Metric extrusions are on 10mm, 15mm, 2.5mm, and 30mm center lines
- Use fractional or metric sized fasteners
- Lightweight and easy to use
- Fractional extrusions are stocked in 92", 120", and 240" lengths
- Metric extrusions are stocked in 2.33M, 6M, or specified in profile lengths
- No welding required to assemble your design, which means no heat stress or warping
- Easy to fabricate
- Add to your design or change it at any time - flexibility is the key

## Extrusion Specifications

**Alloy** - 6063\*, T6 Temper

**Yield Strength** - Mpa = 200

**0.2% Proof Stress** - ksi = 29

**Tensile Strength** - Mpa = 230

**0.2% Proof Stress** - ksi = 33

**Elasticity (E)** - approximately 10,000,000 lbs./sq/in.

**Hardness** - Webster Model "B" 11-12

**Flatness** - .004" per inch of width

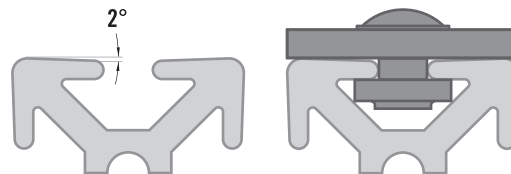
**Straightness** - .0125" per foot of length, not to exceed .120 inches over 20 feet of length

**Twist** - Twist per foot of length does not exceed .25° and total twist over 20 feet of length does not exceed 1.5°

\*As a partner with an extruder, there are many other alloys that we can extrude. If your application calls for a different alloy, let us know and we can extrude it for you.

## Spring Lock Feature

All PARCO structural extrusions have a 2° taper that spring locks fasteners as they are tightened. Fasteners will not loosen, even under heavy vibration.



## Fastener Torque Specifications

The table (below) indicated the amount of torque needed in foot lbs. to activate the 2° drop lock feature of the extrusion. The nut and bolt combination is pre-loaded when tightened to the minimum torque rating. The pre-loaded state makes a vibration proof connection.

Fastener Description	Tested Extrusion	Min Ft Lbs Torque	Max Ft Lbs Torque
5/16-18 FBHSCS or BHSCS	1.5" x 1.5"	15	20
Economy T-Slot Stud, Washer, & Hex Nut	1.5" x 1.5"	20	25
Anchor Fastener & Standard T-Nut	1.5" x 1.5"	17	22
End Fastener	1.5" x 1.5"	17	22
1/4-20 FBHSCS or BHSCS	1.5" x 1.5"	12	17
1/4-20 FBHSCS used as an End Fastener for the 1" x 1"	1" x 1"	13	18
10-32 SHCS or BHSCS	1.5" x 1.5"	9	13

## Aluminum Alloy

An aluminum extrusion alloy is a predetermined mixture of one or more elements together with aluminum to be heated and hydraulically pressed through an extrusion die. Some common elements alloyed with aluminum include copper, magnesium, manganese, chromium, silicon, iron, nickel and zinc.

PARCO extrusions use the 6063 alloy. In addition to aluminum, the major alloying elements for this alloy include: Mg .45-.9% and Si .20-.6%.

## 1

### Profile T-Slot Icons



#### 10 Series

Profile has a T-Slot size of 6. Connector, fasteners, or accessory is designed to be used with profile 6 T-Slot. 1/4-20



#### 15/40 Series, 30 Series

Profile has a T-Slot size of 8. Connector, fasteners, or accessory is designed to be used with profile 8 T-Slot. 5/16-18, 30mm



#### 45 Series

Profile has a T-Slot size of 10. Connector, fasteners, or accessory is designed to be used with profile 10 T-Slot. 45mm

### Anodizing

Anodizing is an electrochemical process that thickens and toughens the naturally occurring protective oxide. The resulting finish makes a corrosion resistant extrusion. PARCO extrusions have an etch anodize finish that is .15-.25 mil. thick.

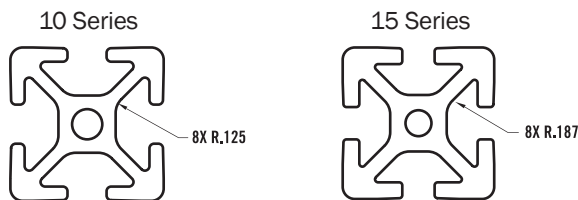
REMEMBER - WE CUSTOM EXTRUDE TOO!

PARCO provides the following operations:

- Extrusion
- Fabrication
- Machining
- Engineering Assistance
- Cut to Length
- Punch, slot, countersink

### Radius

PARCO extrusions incorporate a radius in the T-Slot to ensure drop-in T-Nuts are easy to use.



### Parco Inc. VS. Welded Steel

#### Parco Advantages

- No Welding
- No Painting (unless you want to)
- No Rusting
- No Cleanup
- No Special Tools
- No Electricity
- Easy Modifications
- Add On Attachments
- Remove Attachments
- Strong Support Ability
- Linear Slide Capability
- Comes packed ready to assemble or arrives already assembled if desired
- Compatible with competitors' attachments
- Lower cost per project

#### Welded Steel Disadvantages

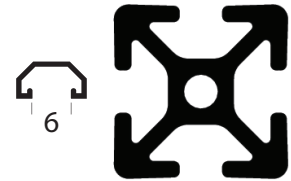
- Special equipment, welder needed
- Welding Supplies
- Requires Paint
- Cleaning Supplies
- Fabricating Equipment
- May Rust

#### Welded Steel Advantages

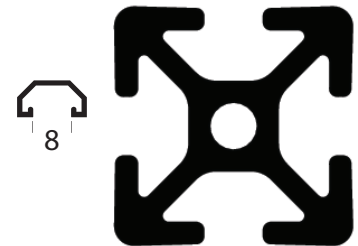
- Permanent Assembly

### Profile T-Slot Sizes

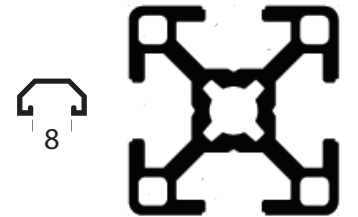
#### 10 Series



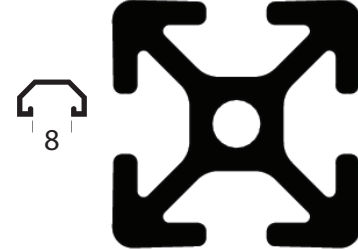
#### 15 Series



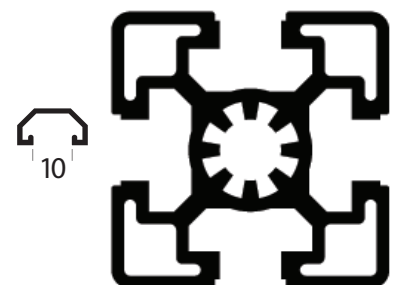
#### 30 Series



#### 40 Series



#### 45 Series





## Deflection Calculations

Using the calculations below, find your approximate deflection\* for a specific PARCO extrusion. See table below for variations.

### Equation Variable Units Respectively

Max. Deflection is in inches

“F” or Force is in pounds

“L” or Length is in inches

“E” or Modulus of Elasticity is in pounds per inch squared

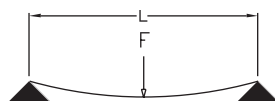
“I” or Moment of Inertia is in inches<sup>4</sup>

“W” or Weight is in pounds per inch

\*For reference only

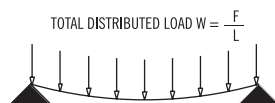
### Supported Loads

CONCENTRATED LOAD AT CENTER (simply supported)



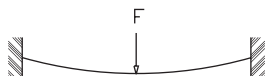
$$\text{MAX DEFLECTION} = \frac{FL^3}{48 EI}$$

UNIFORMLY DISTRIBUTED LOAD (simply supported)



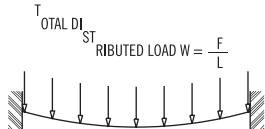
$$\text{MAX DEFLECTION} = \frac{5}{84} \frac{WL^4}{EI}$$

CONCENTRATED LOAD AT CENTER (between fixed supports)



$$\text{MAX DEFLECTION} = \frac{FL^3}{192 EI}$$

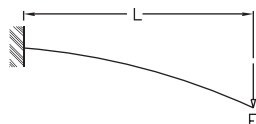
UNIFORMLY DISTRIBUTED LOAD (between fixed supports)



$$\text{MAX DEFLECTION} = \frac{WL^4}{384 EI}$$

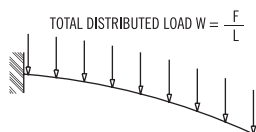
### Cantilever Loads

CONCENTRATED LOAD AT CENTER (simply supported)



$$\text{MAX DEFLECTION} = \frac{FL^3}{3 EI}$$

UNIFORMLY DISTRIBUTED LOAD (simply supported)



$$\text{MAX DEFLECTION} = \frac{WL^4}{8 EI}$$

- Modulus of Elasticity = 10,000,000 lbs/sq. in. for all extrusions.
- Moment of Inertia is listed for each extrusion in Section 2.

1

## Why Parco?

Parco is your one-stop shop for manufacturing needs. From standard, off-the-shelf solutions to a solution completely customized to fit YOUR needs in YOUR shop. Our extensive experience using aluminum T-slotted extrusion lets us help you find the best solution quickly, easily, and economically.

By its very nature, T-slotted aluminum's modularity supports both green and lean manufacturing processes. As needs change, our workplace solutions can quickly and easily be reconfigured to serve new purposes in your facility.

## How to Reach Us:

Online purchasing is easy at [www.parco-inc.com](http://www.parco-inc.com).

Call an experienced customer service representative at **1-800-817-0617**.

Email us at [customerservice@parco-inc.com](mailto:customerservice@parco-inc.com)

*We're your manufacturing solutions experts!*

*Call Parco today!*

*1-800-817-0617*



## How Your Items Will Arrive

**Raw Materials:** Includes bars of extrusion, fasteners, accessories, joining plates, plastic, wire mesh, and hardware needed to build your projects.

**Kit Form:** Includes all cut-to-length extrusion with any needed machining services, tagged to match CAD drawing, and all hardware for your project in an easy to assemble kit.

**Fully Assembled:** Your project built at our facility, completely assembled to your specifications, shipped and ready to go.

## What Makes PARCO Unique?

- Our helpful customer service staff has over 50 collective years of experience with T-Slotted aluminum extrusion.
- We have a dedicated engineering staff to help you with the design process.
- Our account managers are there to help you, from idea to finished design.
- No minimum orders.
- 100% interchangeable with all fractional 1", 1.5", metric 30mm, 40mm, and 45mm extrusion profiles.

## Why Choose PARCO T-Slotted Aluminum For Your Needs?

- Corrosion resistant
- Lightweight
- High strength-to-weight ratio
- Non-magnetic
- Aesthetically pleasing
- Precise tolerances
- No welding = no heat stress or warping
- Easy to configure
- Vibration proof fastening with the drop lock feature







**2**





# Section 2

## Structural Extrusions

There are many Parco structural extrusions to choose from. Our fractional extrusions feature our 10 and 15 series. We also have metric extrusions which include the 30 series, 40 series, and 45 series.

Our 10 series, measured in inches, includes 1"x 1", 1"x 1" QR, 1"x 2", 1"x 3", 2"x 2", and 2"x 4". The 10 series T-slots have .255" slot widths and are modular to each other. They are compatible with slot 6. Accessories throughout this catalog allow you to build a complete structure with our 10 series and transition it to our 15 series. The 10 series T-slot design has an inside radius of .125" to make sliding drop-in T-nuts easier.

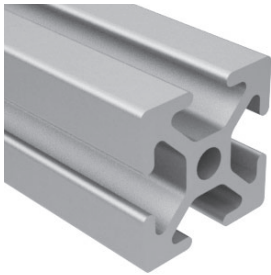
The 15 series, also measured in inches, ranges from 1.5"x 1.5" to 3"x 6". The 15 series T-slots have .322" slot widths and are modular to each other. They are compatible with slot 8. Accessories throughout this catalog allow you to build a complete structure with our 15 series accessories and transition it to and from our 10 series. The 15 series T-slot design has an inside radius of .187" to make sliding drop-in T-nuts easier.

The metric extrusion profile series, measured in millimeters, has 30mm, 40mm, 45mm, and 60mm sizes to choose from. The 30mm and 40mm have an 8mm slot, the 45mm has a 10mm slot, and the 60mm profile also has a 10mm slot.

## Fractional

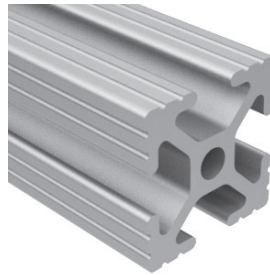
### 10 Series

Smooth



1/4 - 20 or M6  
Bolt & T-nut

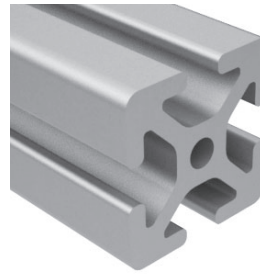
Grooved



1/4 - 20 or M6  
Bolt & T-nut

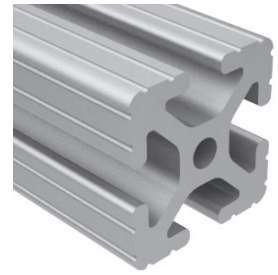
### 15 Series

Smooth



5/16 - 18 or M8  
Bolt & T-nut

Grooved

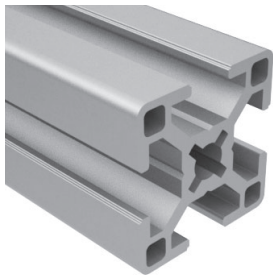


5/16 - 18 or M8  
Bolt & T-nut

## Metric

### 30 Series

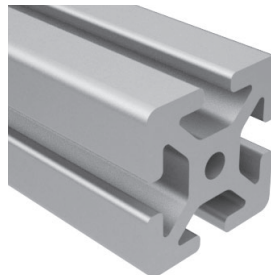
Smooth



M8 or 5/16 - 18  
Bolt & T-nut

### 40 Series

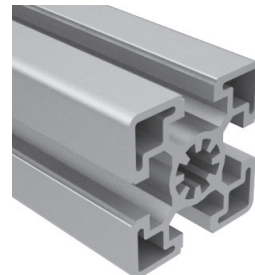
Smooth



M8 or 5/16 - 18  
Bolt & T-nut

### 45 Series

Smooth



M8  
Bolt & T-nut


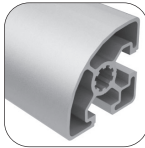


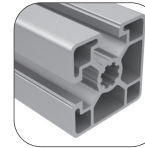
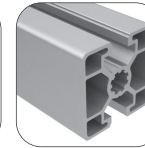
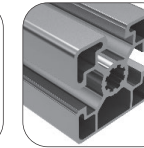
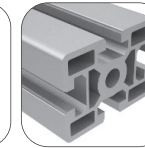
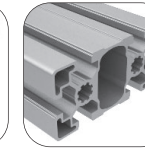
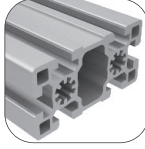
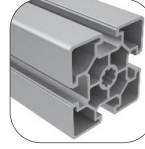
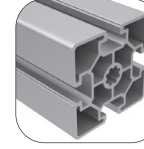
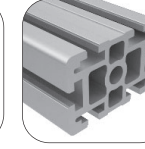
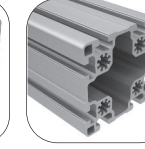
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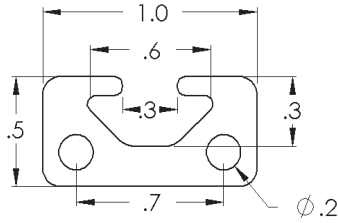
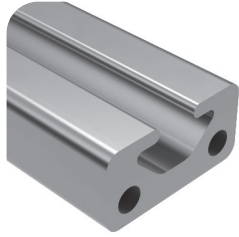
 <p>E45-4545</p>	 <p>E45-4545R</p>	 <p>E45-4545HR</p>	 <p>E45-4545-01</p>	 <p>E45-4545-2SA</p>	 <p>E45-4545-04</p>	 <p>E45-4545-03</p>	 <p>E45-4560</p>	 <p>E45-4590L</p>
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# Structural Extrusions

## 1" x .50" Monoslot [ fractional ]

2

**Part Number**  
E1050S (smooth)



The 1" x 1" monoslot extrusion has one open slot on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The three solid sides create a clean look for displays, desks, furniture, and more.

### SPECIFICATIONS

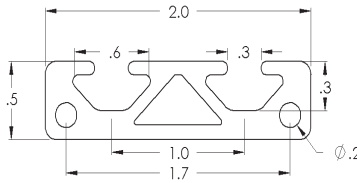
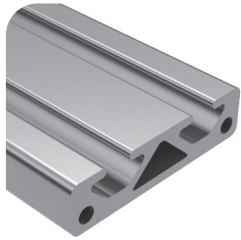
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1050S	145", 92"	.376 lb/ft	0.313 in <sup>2</sup>	I <sub>x</sub> =0.007 in <sup>4</sup> I <sub>y</sub> =0.031 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1050S	292	293	294	297

## 2" x .50" Bislot [ fractional ]

**Part Number**  
E2012S (smooth)



The 1" x 1" Bislot extrusion has one open slot on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The three solid sides create a clean look for displays, desks, furniture, and more.

### SPECIFICATIONS

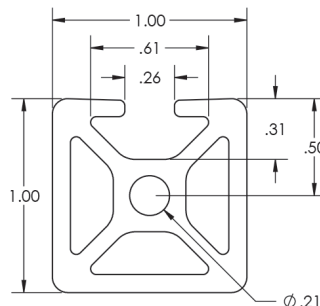
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E2012S	240", 120", 92"	.674 lb/ft	0.562 in <sup>2</sup>	I <sub>x</sub> =0.014 in <sup>4</sup> I <sub>y</sub> =0.217 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E2012S	292	293	294	297

## 1" x 1" Monoslot [ fractional ]

**Part Number**  
E1001S (smooth)



The 1" x 1" monoslot extrusion has one open slot on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The three solid sides create a clean look for displays, desks, furniture, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1001S	240", 120", 92"	0.637 lbs/ft	0.531 in <sup>2</sup>	I <sub>x</sub> =0.051 in <sup>4</sup> I <sub>y</sub> =0.057 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1001S	292	293	294	297



# Fractional - 10 Series

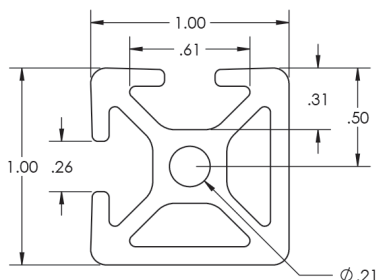
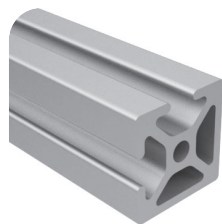
2

## 1" x 1" Bislot [ fractional ]

**Part Number**  
E1002S (smooth)



The 1" x 1" bislot extrusion has two adjacent open slots on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The two solid sides create a clean look for displays, desks, furniture, and more.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1002S</b>	240", 120", 92"	0.605 lbs/ft	0.504 in <sup>2</sup>	$I_x=0.051 \text{ in}^4$ $I_y=0.051 \text{ in}^4$

### BASIC MACHINING REFERENCE PAGES

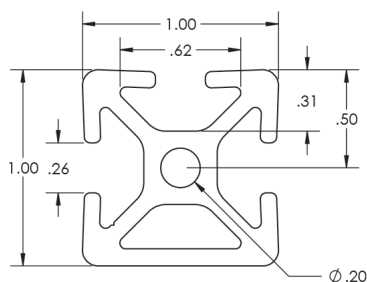
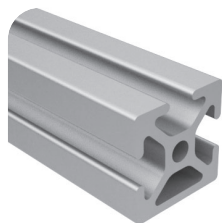
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1002S</b>	292	293	294	297

## 1" x 1" Trislot [ fractional ]

**Part Number**  
E1003S (smooth)



The 1" x 1" trislot extrusion has three adjacent open slots on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The solid side creates a clean look for displays, desks, furniture, and more.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1003S</b>	240", 120", 92"	0.572 lbs/ft	0.477 in <sup>2</sup>	$I_x=0.046 \text{ in}^4$ $I_y=0.051 \text{ in}^4$

### BASIC MACHINING REFERENCE PAGES

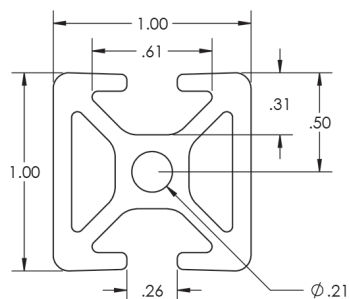
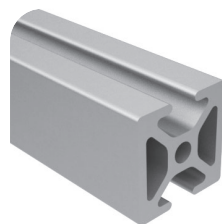
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1003S</b>	292	293	294	297

## 1" x 1" Bislot Opposite [ fractional ]

**Part Number**  
E1004S (smooth)



The 1" x 1" bislot opposite extrusion has two opposite open slots on a 1" frame. Its smooth finish makes it resistant to dirt and debris. The two solid sides create a clean look for displays, desks, furniture, and more.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1004S</b>	240", 120", 92"	0.605 lbs/ft	0.504 in <sup>2</sup>	$I_x=0.046 \text{ in}^4$ $I_y=0.057 \text{ in}^4$

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1004S</b>	292	293	294	297

# Structural Extrusions

## 1" x 1" [ fractional ]

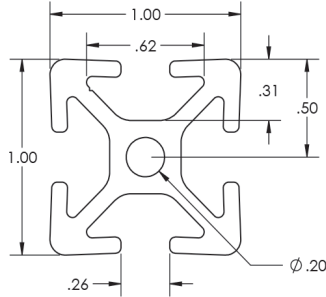
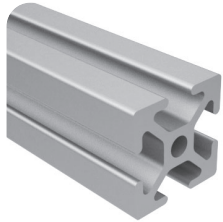
2

### Part Numbers

- E1010S (smooth)
- E1010S-BA (smooth black)
- E1010G (grooved)
- E1010G-BA (grooved black)



The 1" x 1" extrusion has four open T-Slots on each side of its 1" frame. Available in smooth or grooved, this profile is great for machine guards, work benches, displays, and more. The four open T-Slots allow for easy accessory mounting.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1010S	240", 120", 92"	0.548 lbs/ft	0.457 in <sup>2</sup>	I <sub>x</sub> =0.046 in <sup>4</sup> I <sub>y</sub> =0.046 in <sup>4</sup>
E1010G	240", 120", 92"	0.533 lbs/ft	0.444 in <sup>2</sup>	I <sub>x</sub> =0.044 in <sup>4</sup> I <sub>y</sub> =0.044 in <sup>4</sup>
E1010S-BA	240", 120", 92"	0.548 lbs/ft	0.457 in <sup>2</sup>	I <sub>x</sub> =0.046 in <sup>4</sup> I <sub>y</sub> =0.046 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1010S	292	293	294	297
E1010G	292	293	294	297

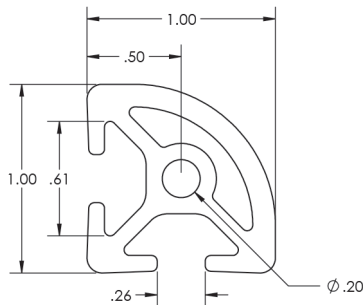
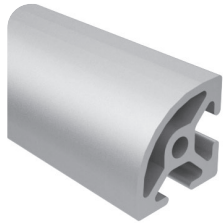
## 1" x 1" Quarter Round [ fractional ]

### Part Number

- E1012S (smooth)



The 1.0" x 1.0" Quarter Round extrusion features a .750" curved radius and has two adjacent open T-Slots. The smooth profile is dirt and debris resistant and easy to clean. This extrusion is great for connecting large panels and structures such as workstations and displays.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1012S	240", 120", 92"	0.567 lbs/ft	0.4727 in <sup>2</sup>	I <sub>x</sub> =0.0435 in <sup>4</sup> I <sub>y</sub> =0.0435 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1012S	292	293	294	297

## 1" x 2" [ fractional ]

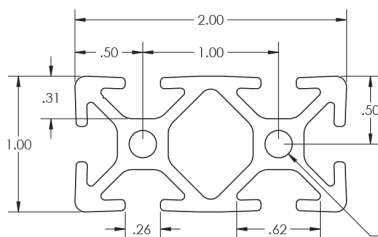
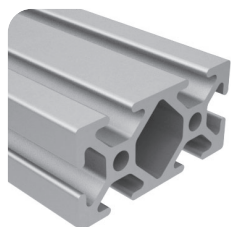
### Part Numbers

- E1020S (smooth)
- E1020S-BA (smooth black)
- E1020G (grooved)



The 1" x 2" shape is designed with six open T-Slots with a smooth or grooved finish. This allows the extrusion to be resistant to dirt and debris while being easy to clean. The center of this profile can also be pressurized up to 150 psi.

Other Industry Standard and custom extruded shapes available upon request.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1020S	240", 120", 92"	0.989 lbs/ft	0.824 in <sup>2</sup>	I <sub>x</sub> =0.087 in <sup>4</sup> I <sub>y</sub> =0.321 in <sup>4</sup>
E1020G	240", 120", 92"	0.970 lbs/ft	0.808 in <sup>2</sup>	I <sub>x</sub> =0.084 in <sup>4</sup> I <sub>y</sub> =0.313 in <sup>4</sup>
E1020S-BA	240", 120", 92"	0.989 lbs/ft	0.824 in <sup>2</sup>	I <sub>x</sub> =0.087 in <sup>4</sup> I <sub>y</sub> =0.321 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1020S	292	293	294	297
E1020G	292	293	294	297

# Fractional - 10 Series

2

## 1" x 3" [ fractional ]

### Part Numbers

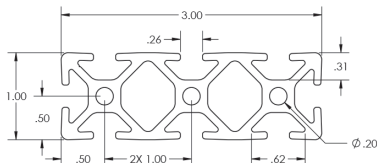
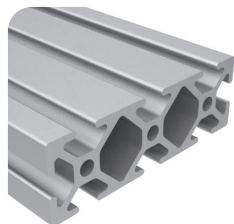
E1030S (smooth)

E1030S-BA (smooth black)



The 1" x 3" shape is designed with eight open T-Slots with a smooth finish. This allows the extrusion to be resistant to dirt and debris while being easy to clean. The center of this profile can also be pressurized up to 150 psi.

Other Industry Standard and custom extruded shapes available upon request.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1030S</b>	240", 120", 92"	1.403 lbs/ft	1.169 in <sup>2</sup>	I <sub>x</sub> =0.125 in <sup>4</sup> I <sub>y</sub> =0.986 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1030S</b>	292	293	294	297

## 2" x 2" [ fractional ]

### Part Numbers

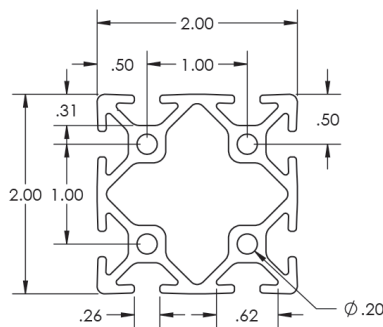
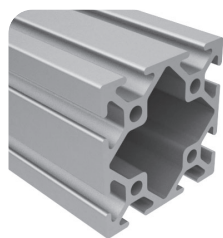
E2020S (smooth)

E2020S-BA (smooth black)

E2020G (grooved)



The 2" x 2" extrusion has eight open T-Slots with two on each side. The profile is available in smooth and grooved finish. It has a center hollow that allows it to be pressurized up to 150 psi. It is useful for automation applications and machine frames.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E2020S</b>	240", 120", 92"	1.542 lbs/ft	1.285 in <sup>2</sup>	I <sub>x</sub> =0.578 in <sup>4</sup> I <sub>y</sub> =0.578 in <sup>4</sup>
<b>E2020G</b>	240", 120", 92"	1.512 lbs/ft	1.26 in <sup>2</sup>	I <sub>x</sub> =0.563 in <sup>4</sup> I <sub>y</sub> =0.563 in <sup>4</sup>
<b>E2020S-BA</b>	240", 120", 92"	1.542 lbs/ft	1.285 in <sup>2</sup>	I <sub>x</sub> =0.578 in <sup>4</sup> I <sub>y</sub> =0.578 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E2020S</b>	292	293	294	297
<b>E2020G</b>	292	293	294	297

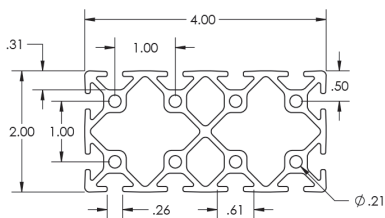
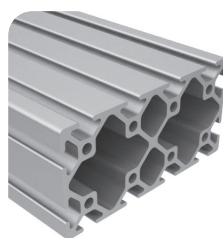
## 2" x 4" [ fractional ]

### Part Number

E2040S (smooth)



Our 2" x 4" shape is the largest 10 series shape available. It was created for structures that require very high load requirements. The 2" x 4" shape's twelve open T-Slots are ideal for heavy duty machine bases, support structures, stairways, mezzanines, and anywhere where maximum structural strength is needed. The 2" x 4" shape also has four hollow centers that will accommodate multiple air manifolds and pressure up to 150 psi.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E2040S</b>	240", 120", 92"	2.820 lbs/ft	2.350 in <sup>2</sup>	I <sub>x</sub> =1.075 in <sup>4</sup> I <sub>y</sub> =3.656 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E2040S</b>	292	293	294	297

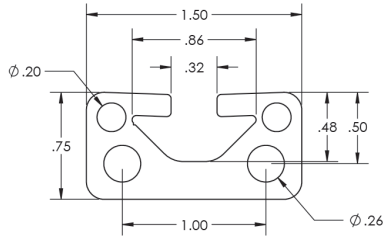
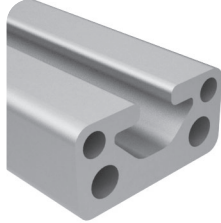


# Structural Extrusions

## 1.5" x .75" [ fractional ]

2

**Part Number**  
E1575S (smooth)



The 1.5" x .75" extrusion offers one open T-Slot on a 1.5" face. The smooth, thin profile is easy to connect to flat surfaces. It works well as a spacer for mounting door handles, rails, tracks, sensors, and more.

### SPECIFICATIONS

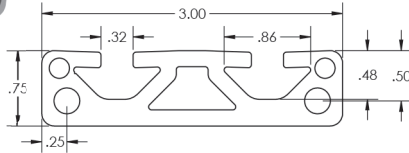
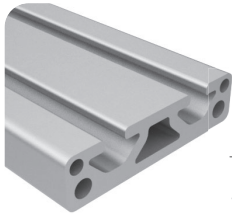
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1575S</b>	240", 120", 92"	.8328 lbs/ft	0.694 in <sup>2</sup>	I <sub>x</sub> =.037 in <sup>4</sup> I <sub>y</sub> =.147 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1575S</b>	292	293	294	297

## 3" x .75" [ fractional ]

**Part Number**  
E3075S (smooth)



The 3" x .75" extrusion offers two open T-Slots on a 3" face. The smooth, thin profile is easy to connect to flat surfaces. It works well as a spacer for mounting door handles, rails, tracks, sensors, and more.

### SPECIFICATIONS

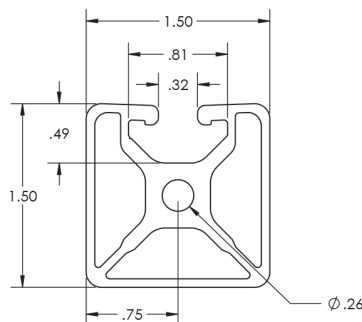
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E3075S</b>	240", 120", 92"	1.544 lbs/ft	1.320 in <sup>2</sup>	I <sub>x</sub> =1.067 in <sup>4</sup> I <sub>y</sub> =.079 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E3075S</b>	292	293	294	297

## 1.5" x 1.5" Monoslot [ fractional ]

**Part Number**  
E1501S (smooth)  
E1501S-BA (smooth black)



The 1.5" x 1.5" monoslot extrusion has one open slot on a 1.5" frame. Its smooth finish makes it resistant to dirt and debris. The three solid sides create a clean look for displays, desks, furniture, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1501S</b>	240", 120", 92"	1.015 lbs/ft	0.846 in <sup>2</sup>	I <sub>x</sub> =0.178 in <sup>4</sup> I <sub>y</sub> =0.180 in <sup>4</sup>

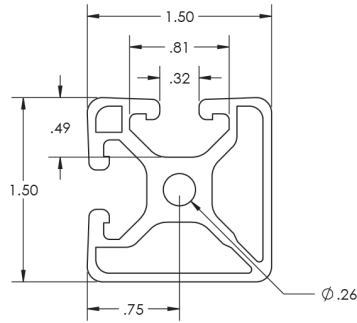
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1501S</b>	292	293	294	297

## 1.5" x 1.5" Bislot [ fractional ]

**Part Number**

**E1502S (smooth)**  
**E1502S-BA (smooth black)**



The 1.5" x 1.5" bislot extrusion has two adjacent open slots on a 1.5" frame. Its smooth finish makes it resistant to dirt and debris. The two solid sides create a clean look for displays, desks, furniture, and more.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1502S</b>	240", 120", 92"	1.036 lbs/ft	0.863 in <sup>2</sup>	I <sub>x</sub> =0.181 in <sup>4</sup> I <sub>y</sub> =0.181 in <sup>4</sup>

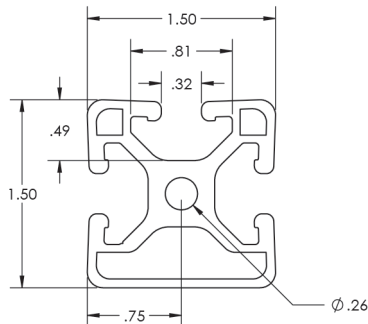
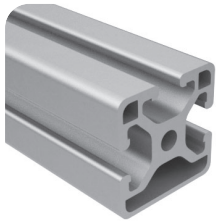
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1502S</b>	292	293	294	297

## 1.5" x 1.5" Trislot [ fractional ]

**Part Number**

**E1503S (smooth)**  
**E1503S-BA (smooth black)**



The 1.5" x 1.5" trislot extrusion has three adjacent open slots on a 1.5" frame. Its smooth finish makes it resistant to dirt and debris. The solid side creates a clean look for displays, desks, furniture, and more.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1503S</b>	240", 120", 92"	1.054 lbs/ft	0.878 in <sup>2</sup>	I <sub>x</sub> =0.181 in <sup>4</sup> I <sub>y</sub> =0.183 in <sup>4</sup>

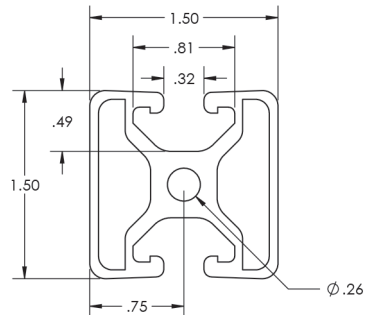
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1503S</b>	292	293	294	297

## 1.5" x 1.5" Bislot Opposite [ fractional ]

**Part Number**

**E1504S (smooth)**  
**E1504S-BA (smooth black)**



The 1.5" x 1.5" bislot opposite extrusion has two opposite open slots on a 1.5" frame. Its smooth finish makes it resistant to dirt and debris. The two solid sides create a clean look for displays, desks, furniture, and more.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1504S</b>	240", 120", 92"	1.008 lbs/ft	0.840 in <sup>2</sup>	I <sub>x</sub> =0.172 in <sup>4</sup> I <sub>y</sub> =0.176 in <sup>4</sup>

**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1504S</b>	292	293	294	297

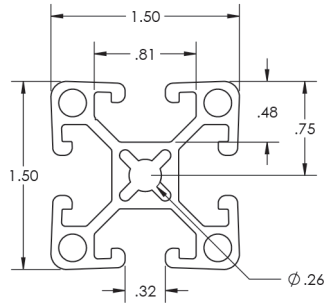
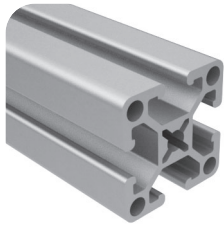
# Structural Extrusions

## 1.5" x 1.5" Ultra Light [ fractional ]

2

### Part Numbers

E1515ULS (smooth)  
E1515ULG (grooved)



The 1.5" x 1.5" ultra light extrusion has four open T-Slots on each 1.5" face. The surface of the extrusion is smooth and easy to clean. Its uses include clean rooms, enclosures, machine guards, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1515ULS	240", 120", 92"	0.925 lbs/ft	0.771 in <sup>2</sup>	I <sub>x</sub> =0.172 in <sup>4</sup> I <sub>y</sub> =0.172 in <sup>4</sup>
E1515ULG	240", 120", 92"	0.898 lbs/ft	0.748 in <sup>2</sup>	I <sub>x</sub> =0.163 in <sup>4</sup> I <sub>y</sub> =0.163 in <sup>4</sup>

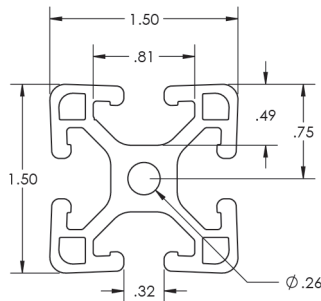
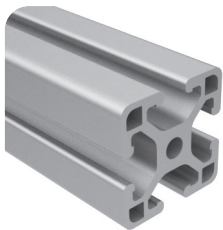
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1515ULS	292	293	294	297
E1515ULG	292	293	294	297

## 1.5" x 1.5" Light [ fractional ]

### Part Numbers

E1515LS (smooth)  
E1515LS-BA (smooth black)  
E1515LG (grooved)  
E1515LG-BA (grooved black)



The 1.5" x 1.5" light extrusion has four open T-Slots on each 1.5" face. The surface of the extrusion is smooth and easy to clean. Its uses include clean rooms, enclosures, machine guards, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1515LS	240", 120", 92"	1.110 lbs/ft	0.925 in <sup>2</sup>	I <sub>x</sub> =0.194 in <sup>4</sup> I <sub>y</sub> =0.194 in <sup>4</sup>
E1515LG	240", 120", 92"	1.073 lbs/ft	0.894 in <sup>2</sup>	I <sub>x</sub> =0.182 in <sup>4</sup> I <sub>y</sub> =0.182 in <sup>4</sup>
E1515LS-BA	240", 120", 92"	1.110 lbs/ft	0.925 in <sup>2</sup>	I <sub>x</sub> =0.194 in <sup>4</sup> I <sub>y</sub> =0.194 in <sup>4</sup>
E1515LG-BA	240", 120", 92"	1.110 lbs/ft	0.925 in <sup>2</sup>	I <sub>x</sub> =0.194 in <sup>4</sup> I <sub>y</sub> =0.194 in <sup>4</sup>

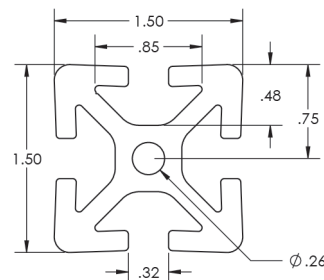
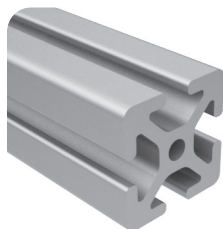
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1515LS	292	293	294	297
E1515LG	292	293	294	297

## 1.5" x 1.5" [ fractional ]

### Part Numbers

E1515S (smooth)  
E1515S-BA (smooth black)  
E1515G (grooved)



The 1.5" x 1.5" extrusion has four open T-Slots on each 1.5" face. The surface of the extrusion is smooth and easy to clean. Its uses include clean rooms, enclosures, machine guards, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
E1515S	240", 120", 92"	1.438 lbs/ft	1.198 in <sup>2</sup>	I <sub>x</sub> =0.266 in <sup>4</sup> I <sub>y</sub> =0.266 in <sup>4</sup>
E1515G	240", 120", 92"	1.388 lbs/ft	1.157 in <sup>2</sup>	I <sub>x</sub> =0.256 in <sup>4</sup> I <sub>y</sub> =0.256 in <sup>4</sup>
E1515S-BA	240", 120", 92"	1.438 lbs/ft	1.198 in <sup>2</sup>	I <sub>x</sub> =0.266 in <sup>4</sup> I <sub>y</sub> =0.266 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
E1515S	292	293	294	297
E1515G	292	293	294	297



# Fractional - 15 Series

2

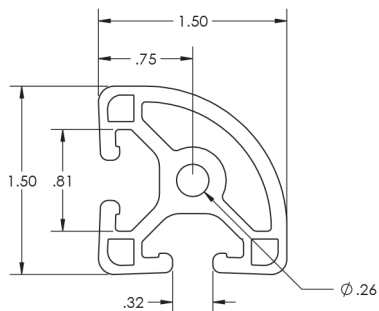
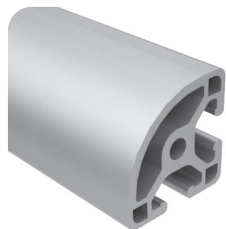
## 1.5" x 1.5" Quarter Round [ fractional ]

### Part Numbers

E1517S (smooth)



Our 1.5" x 1.5" Quarter Round has a 1.123" radius curve that has two open T-Slots, one on each of it's 1.5" faces. This profile provides an aesthetic appearance for large workstations and displays. Panels and other supports fit easily into the T-Slots.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1517S</b>	240", 120", 92"	1.055 lbs/ft	0.879 in <sup>2</sup>	I <sub>x</sub> =0.172 in <sup>4</sup> I <sub>y</sub> =0.172 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1517S</b>	292	293	294	297

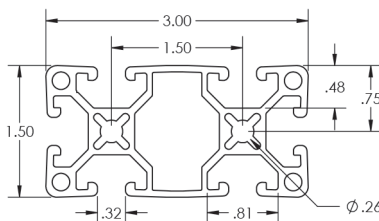
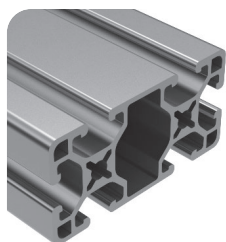
## 1.5" x 3.0" Ultra Light [ fractional ]

### Part Numbers

E1530ULS (smooth)



The 1.5" x 3.0" UL shape has 6 open T-Slots. One on each 1.5" side and two on each 3" side. The smooth surface makes this profile dirt resistant and easy to clean. The profile center can be pressurized up to 150 psi. It works well for displays and machine guards.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1530ULS</b>	240", 120", 92"	1.62 lbs/ft	1.388 in <sup>2</sup>	I <sub>x</sub> =0.128 in <sup>4</sup> I <sub>y</sub> =0.332 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1530ULS</b>	292	293	294	297

## 1.5" x 3.0" Light [ fractional ]

### Part Numbers

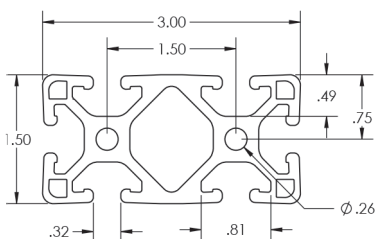
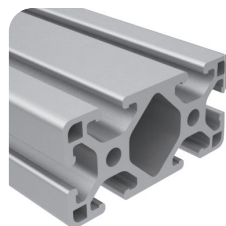
E1530LS (smooth)

E1530LS-BA (smooth black)

E1530LG (grooved)



The 1.5" x 3.0" Light shape has 6 open T-Slots. One on each 1.5" side and two on each 3" side. The smooth surface makes this profile dirt resistant and easy to clean. The profile center can be pressurized up to 150 psi. It works well for displays and machine guards.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1530LS</b>	240", 120", 92"	2.119 lbs/ft	1.766 in <sup>2</sup>	I <sub>x</sub> =.408 in <sup>4</sup> I <sub>y</sub> =1.431 in <sup>4</sup>
<b>E1530LG</b>	240", 120", 92"	2.042 lbs/ft	1.702 in <sup>2</sup>	I <sub>x</sub> =.379 in <sup>4</sup> I <sub>y</sub> =1.37 in <sup>4</sup>
<b>E1530LS-BA</b>	240", 120", 92"	2.119 lbs/ft	1.766 in <sup>2</sup>	I <sub>x</sub> =.408 in <sup>4</sup> I <sub>y</sub> =1.431 in <sup>4</sup>
<b>E1530LG-BA</b>	240", 120", 92"	2.042 lbs/ft	1.702 in <sup>2</sup>	I <sub>x</sub> =.379 in <sup>4</sup> I <sub>y</sub> =1.37 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1530LS</b>	292	293	294	297
<b>E1530LG</b>	292	293	294	297

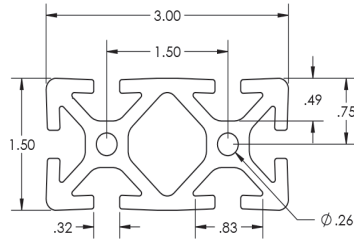
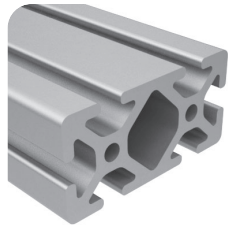
# Structural Extrusions

## 1.5" x 3.0" [ fractional ]

2

### Part Numbers

- E1530S (smooth)
- E1530S-BA (smooth black)
- E1530G (grooved)



The 1.5" x 3.0" shape has six open T-Slots. One on each 1.5" side and two on each 3" side. The smooth surface makes this profile dirt resistant and easy to clean. The profile center can be pressurized up to 150 psi. It works well for displays and machine guards.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1530S</b>	240", 120", 92"	2.155 lbs/ft	2.155 in <sup>2</sup>	I <sub>x</sub> =.502 in <sup>4</sup> I <sub>y</sub> =1.877 in <sup>4</sup>
<b>E1530G</b>	240", 120", 92"	2.495 lbs/ft	2.079 in <sup>2</sup>	I <sub>x</sub> =0.48 in <sup>4</sup> I <sub>y</sub> =1.81 in <sup>4</sup>

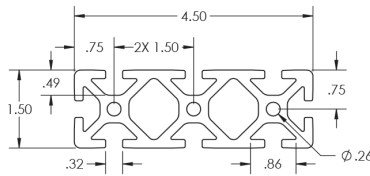
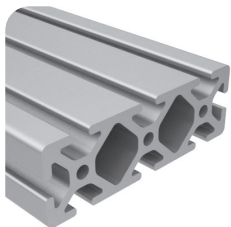
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1530S</b>	292	293	294	297

## 1.5" x 4.5" [ fractional ]

### Part Number

E1545S (smooth)



The 1.5" x 4.5" shape has eight open T-Slots. There are three on each 4.5" face and one on each 1.5" face. The smooth surface makes this profile dirt resistant and easy to clean. The profile centers can be pressurized up to 150 psi. This profile works well for displays, clean rooms, machine guards, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E1545S</b>	240", 120", 92"	3.74 lbs/ft	3.113 in <sup>2</sup>	I <sub>x</sub> =.739 in <sup>4</sup> I <sub>y</sub> =5.913 in <sup>4</sup>

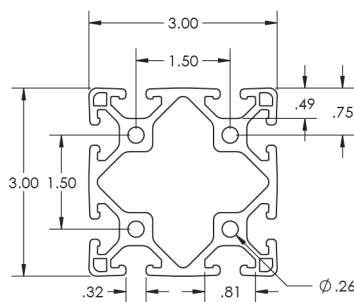
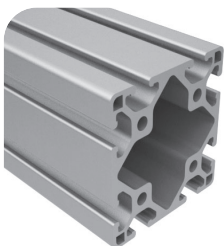
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E1545S</b>	292	293	294	297

## 3" x 3" Light [ fractional ]

### Part Numbers

- E3030LS (smooth)
- E3030LG (grooved)
- E3030LS-BA (black smooth)



Our 3" x 3" L shape has eight open T-Slots, two on each side. The profile is easy to clean and resistant to debris buildup. The center can be pressurized up to 150 psi. This profile works well for workstations, machine guards, and automation purposes.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E3030LS</b>	240", 120", 92"	3.112 lbs/ft	2.659 in <sup>2</sup>	I <sub>x</sub> =2.688 in <sup>4</sup> I <sub>y</sub> =2.688 in <sup>4</sup>
<b>E3030LG</b>	240", 120", 92"	3.274 lbs/ft	2.728 in <sup>2</sup>	I <sub>x</sub> =2.695 in <sup>4</sup> I <sub>y</sub> =2.695 in <sup>4</sup>
<b>E3030LS-BA</b>	240", 120", 92"	3.112 lbs/ft	2.659 in <sup>2</sup>	I <sub>x</sub> =2.688 in <sup>4</sup> I <sub>y</sub> =2.688 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E3030LS</b>	292	293	294	297
<b>E3030LG</b>	292	293	294	297
<b>E3030LS-BA</b>	292	293	294	297

# Fractional - 15 Series

## 3" x 3" [ fractional ]

### Part Numbers

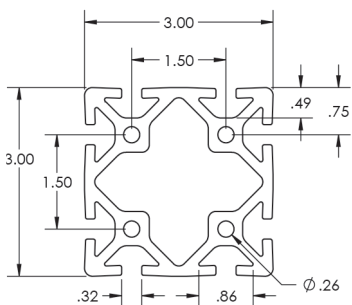
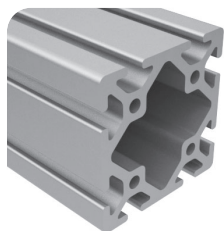
**E3030S (smooth)**

**E3030G (grooved)**

**E3030S-BA (black smooth)**



Our 3" x 3" shape has eight open T-Slots, two on each side. The profile is easy to clean and resistant to debris buildup. The center can be pressurized up to 150 psi. This profile works well for workstations, machine guards, and automation purposes.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E3030S</b>	240", 120", 92"	4.027 lbs/ft	3.356 in <sup>2</sup>	I <sub>x</sub> =3.379 in <sup>4</sup> I <sub>y</sub> =3.379 in <sup>4</sup>
<b>E3030G</b>	240", 120", 92"	3.918 lbs/ft	3.265 in <sup>2</sup>	I <sub>x</sub> =3.276 in <sup>4</sup> I <sub>y</sub> =3.276 in <sup>4</sup>
<b>E3030S-BA</b>	240", 120", 92"	4.027 lbs/ft	3.356 in <sup>2</sup>	I <sub>x</sub> =3.379 in <sup>4</sup> I <sub>y</sub> =3.379 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E3030S</b>	292	293	294	297
<b>E3030G</b>	292	293	294	297

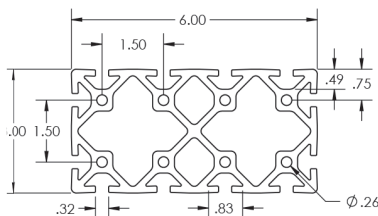
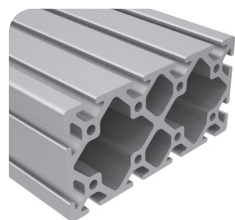
## 3" x 6" [ fractional ]

### Part Number

**E3060S (smooth)**



Our 3" x 6" shape is the largest available. It has twelve open T-Slots, four on each 6" face and two on each 3" face. The center can be pressurized up to 150 psi. This strong extrusion can be used for machine frames and workstations as well as automation purposes.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E3060S</b>	92", 145"	7.462 lbs/ft	6.219 in <sup>2</sup>	I <sub>x</sub> =6.43 in <sup>4</sup> I <sub>y</sub> =21.8559 in <sup>4</sup>

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E3060S</b>	292	293	294	297



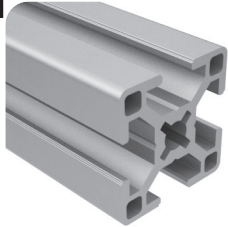
# Structural Extrusions

## 30mm x 30mm [ Metric ]

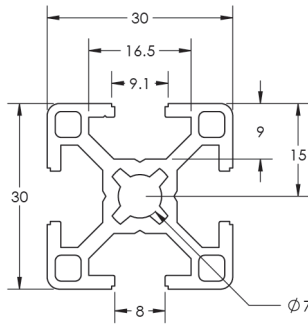
2

**Part Number**

**E30-3030**  
**E30-3030-BA (black)**



The 30mm x 30mm extrusion has four open T-Slots, one on each face. It is smooth and easy to clean, ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks.



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3030</b>	119.5" (3.035m) 239" (6.07m)	.587 lbs/ft (.873 kg/m)	.489 in <sup>2</sup> (3.15405 cm <sup>2</sup> )	I <sub>x</sub> =.066 in <sup>4</sup> I <sub>y</sub> =.066 in <sup>4</sup> (I <sub>x</sub> =2.75 cm <sup>4</sup> I <sub>y</sub> =2.75 cm <sup>4</sup> )

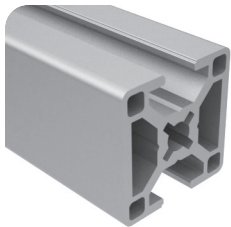
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3030</b>	292	293	294	297

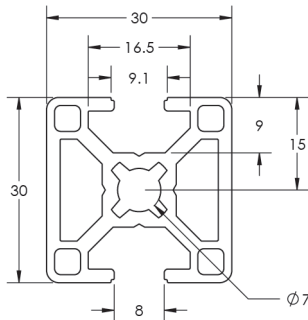
## 30mm x 30mm Bislote Opposite [ Metric ]

**Part Number**

**E30-3030-2S**



The 30mm x 30mm bislote opposite extrusion has two opposite open T-Slots. It is smooth and easy to clean, ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks.



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3030-2S</b>	119.5" (3.035m) 239" (6.07m)	.605 lbs/ft (.90 kg/m)	.543 in <sup>2</sup> (3.5 cm <sup>2</sup> )	I <sub>x</sub> =.067 in <sup>4</sup> I <sub>y</sub> =.083 in <sup>4</sup> (I <sub>x</sub> =2.78 cm <sup>4</sup> I <sub>y</sub> =3.46 cm <sup>4</sup> )

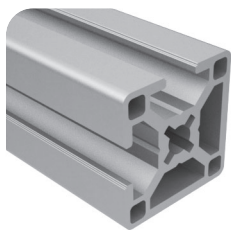
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3030-2S</b>	292	293	294	297

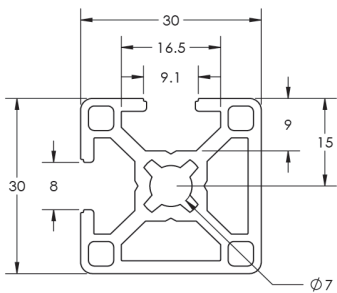
## 30mm x 30mm Bislote Adj [ Metric ]

**Part Number**

**E30-3030-2SA**



The 30mm x 30mm bislote adjacent extrusion has two adjacent open T-Slots. It is smooth and easy to clean, ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks.



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3030-2SA</b>	119.5" (3.035m) 239" (6.07m)	.605 lbs/ft (.90 kg/m)	.543 in <sup>2</sup> (3.5 cm <sup>2</sup> )	I <sub>x</sub> =.075 in <sup>4</sup> I <sub>y</sub> =.075 in <sup>4</sup> (I <sub>x</sub> =3.11 cm <sup>4</sup> I <sub>y</sub> =4.11 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

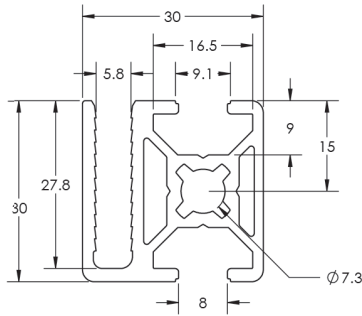
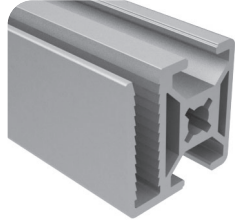
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3030-2SA</b>	292	293	294	297

## 30mm x 30mm (WG30) [ Metric ]

**Part Number**  
**E30-3030-WG30**



The 30mm x 30mm extrusion is ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks. Mount accessories such as valves, sensors, switches, slat-wall panels, DIN rails, and many others directly to the t-slot of the extrusion.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3030-WG30</b>	119.5" (3.035m) 239" (6.07m)	.648 lbs/ft (.964 kg/m)	.54 in <sup>2</sup> (3.483 cm <sup>2</sup> )	I <sub>x</sub> =.065 in <sup>4</sup> I <sub>y</sub> =2.71 in <sup>4</sup> (I <sub>x</sub> =.08 cm <sup>4</sup> I <sub>y</sub> =3.33 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

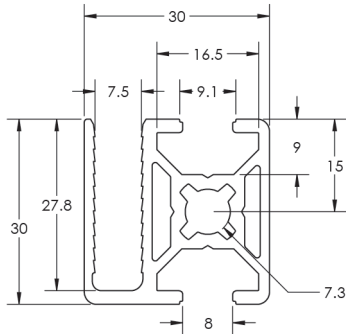
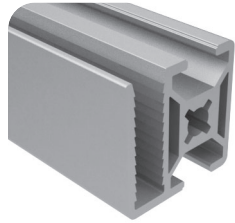
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3030-WG30</b>	292	293	294	297

## 30mm x 30mm (WG40) [ Metric ]

**Part Number**  
**E30-3030-WG40**



The 30mm x 30mm extrusion is ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks. Mount accessories such as valves, sensors, switches, slat-wall panels, DIN rails and many others directly to the t-slot of the extrusion.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3030-WG40</b>	119.5" (3.035m) 239" (6.07m)	.588 lbs/ft (.875 kg/m)	.49 in <sup>2</sup> (3.1605 cm <sup>2</sup> )	I <sub>x</sub> =.057 in <sup>4</sup> I <sub>y</sub> =.073 in <sup>4</sup> (I <sub>x</sub> =2.37 cm <sup>4</sup> I <sub>y</sub> =3.04 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

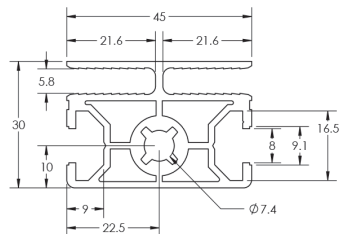
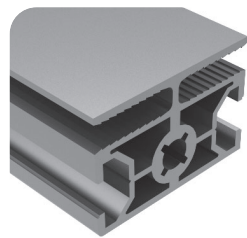
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3030-WG40</b>	292	293	294	297

## 30mm x 45mm FG30 [ Metric ]

**Part Number**  
**E30-3045-30**



The 30mm x 45mm extrusion is ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks. Mount accessories such as valves, sensors, switches, slat-wall panels, DIN rails and many others directly to the t-slot of the extrusion.



### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3045-30</b>	119.5" (3.035m) 239" (6.07m)	.886 lbs/ft (1.289 kg/m)	.738 in <sup>2</sup> (4.761 cm <sup>2</sup> )	I <sub>x</sub> =.106 in <sup>4</sup> I <sub>y</sub> =.184 in <sup>4</sup> (I <sub>x</sub> =2.37 cm <sup>4</sup> I <sub>y</sub> =3.04 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

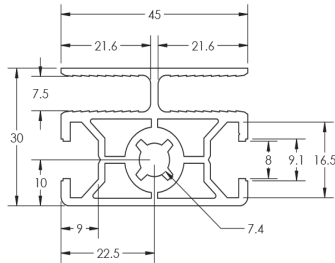
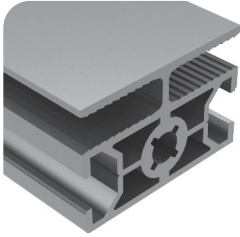
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3045-30</b>	292	293	294	297

# Structural Extrusions

2

## 30mm x 45mm FG40 [ Metric ]

**Part Number**  
**E30-3045-40**



The 30mm x 45mm extrusion is ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks. Mount accessories such as valves, sensors, switches, slat-wall panels, DIN rails and many others directly to the t-slot of the extrusion.

### SPECIFICATIONS

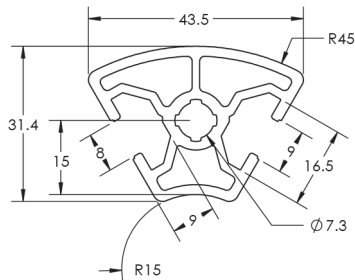
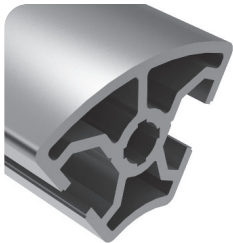
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3045-40</b>	119.5" (3.035m) 239" (6.07m)	.869 lbs/ft (1.293 kg/m)	.724 in <sup>2</sup> (4.671 cm <sup>2</sup> )	I <sub>x</sub> =.103 in <sup>4</sup> I <sub>y</sub> =.171 in <sup>4</sup> (I <sub>x</sub> =4.28 cm <sup>4</sup> I <sub>y</sub> =7.12 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3045-40</b>	292	293	294	297

## 30mm x 60mm Round [ Metric ]

**Part Number**  
**E30-3060R**



The 30mm x 60mm round extrusion has two open T-Slots on a rounded shape. It is ideal for machine guarding, sound enclosures, small load work benches, display racks and panel mount racks. Mount accessories such as valves, sensors, switches, slat-wall panels, DIN rails and many others directly to the t-slot of the extrusion.

### SPECIFICATIONS

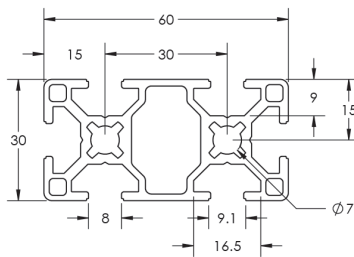
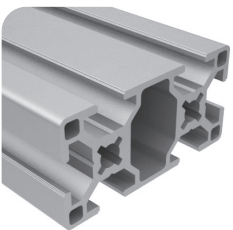
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3060R</b>	119.5" (3.035m) 239" (6.07m)	.6744 lbs/ft (1.004 kg/m)	.562 in <sup>2</sup> (3.6249 cm <sup>2</sup> )	I <sub>x</sub> =.074 in <sup>4</sup> I <sub>y</sub> =.099 in <sup>4</sup> (I <sub>x</sub> =3.08 cm <sup>4</sup> I <sub>y</sub> =4.12 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3060R</b>	292	293	294	297

## 30mm x 60mm [ Metric ]

**Part Number**  
**E30-3060**



The 30mm x 60mm extrusion has six open T-Slots, one on each 30mm face and two on each 60mm face. This smooth profile is debris and dirt resistant. It works well for displays, machine guards, enclosures, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-3060</b>	119.5" (3.035m) 239" (6.07m)	1.034 lbs/ft (1.539 kg/m)	.862 in <sup>2</sup> (5.5599 cm <sup>2</sup> )	I <sub>x</sub> =.122 in <sup>4</sup> I <sub>y</sub> =5.08 in <sup>4</sup> (I <sub>x</sub> =.473 cm <sup>4</sup> I <sub>y</sub> =19.69 cm <sup>4</sup> )

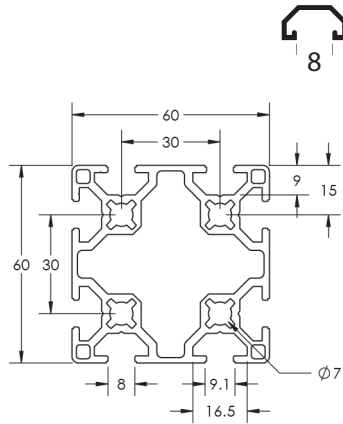
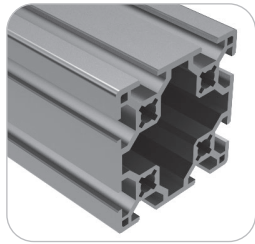
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-3060</b>	292	293	294	297



## 60mm x 60mm [ Metric ]

**Part Number**  
**E30-6060**



The 60mm x 60mm extrusion has eight open T-slots, making it ideal for machine guarding, sound enclosures, small load work benches, display racks, and panel mount racks. Mount accessories such as valves, sensors, switches, and many others directly to the t-slot of the extrusion.

### SPECIFICATIONS

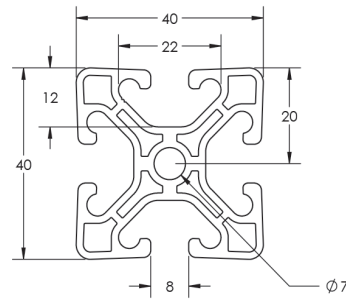
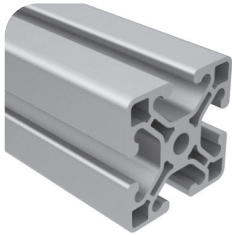
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E30-6060</b>	119.5" (3.035m) 239" (6.07m)	1.72 lbs/ft (2.56 kg/m)	1.44 in <sup>2</sup> (9.299 cm <sup>2</sup> )	I <sub>x</sub> =5.62 in <sup>4</sup> I <sub>y</sub> =5.62 in <sup>4</sup> (I <sub>x</sub> =36.3 cm <sup>4</sup> I <sub>y</sub> =36.3 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E30-6060</b>	292	293	294	297

## 40mm x 40mm Ultra Light [ Metric ]

**Part Number**  
**E40-4040UL**



The 40mm x 40mm UL extrusion has four open T-slots, one on each 40mm face. It is smooth and dirt resistant. It works well for clean rooms, work stations, enclosures, and machine guards. It is also useful for accessory mounting.

### SPECIFICATIONS

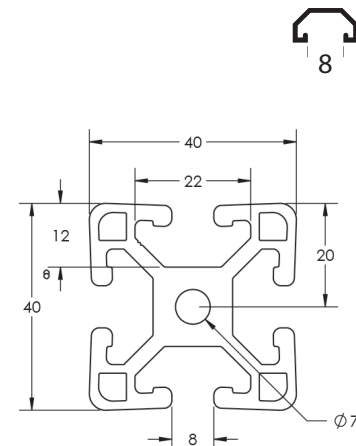
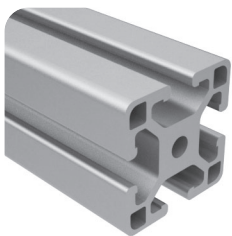
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4040UL</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.003 lbs/ft (1.445 kg/m)	.836 in <sup>2</sup> (5.394 cm <sup>2</sup> )	I <sub>x</sub> =.1972 in <sup>4</sup> I <sub>y</sub> =.1972 in <sup>4</sup> (I <sub>x</sub> =8.21 cm <sup>4</sup> I <sub>y</sub> =8.21 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4040UL</b>	292	293	294	297

## 40mm x 40mm Light [ Metric ]

**Part Numbers**  
**E40-4040L**  
**E40-4040L-BA (black)**



The 40mm x 40mm L extrusion has four open T-slots, one on each 40mm face. It is smooth and dirt resistant. It works well for clean rooms, work stations, enclosures, and machine guards. It is also useful for accessory mounting.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4040L</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.260 lbs/ft (1.875 kg/m)	1.050 in <sup>2</sup> (6.774 cm <sup>2</sup> )	I <sub>x</sub> =.236 in <sup>4</sup> I <sub>y</sub> =.236 in <sup>4</sup> (I <sub>x</sub> =9.823 cm <sup>4</sup> I <sub>y</sub> =9.823 cm <sup>4</sup> )
<b>E40-4040L-BA</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.260 lbs/ft (1.875 kg/m)	1.050 in <sup>2</sup> (6.774 cm <sup>2</sup> )	I <sub>x</sub> =.236 in <sup>4</sup> I <sub>y</sub> =.236 in <sup>4</sup> (I <sub>x</sub> =9.823 cm <sup>4</sup> I <sub>y</sub> =9.823 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4040L</b>	292	293	294	297
<b>E40-4040L-BA</b>	292	293	294	297

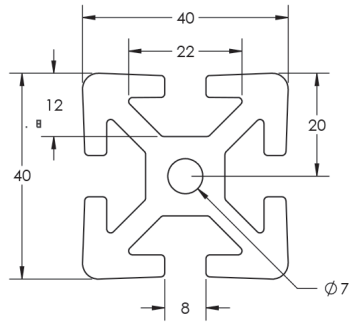
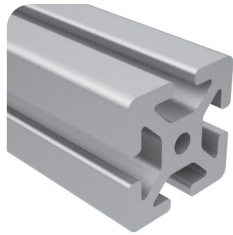
# Structural Extrusions

## 40mm x 40mm [ Metric ]

2

**Part Numbers**

**E40-4040**  
**E40-4040-BA (black)**



The 40mm x 40mm extrusion has four open T-Slots, one on each 40mm face. It is smooth and dirt resistant. It works well for clean rooms, work stations, enclosures, and machine guards. It is also useful for accessory mounting.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4040</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.628 lbs/ft (2.423 kg/m)	1.357 in <sup>2</sup> (8.755 cm <sup>2</sup> )	I <sub>x</sub> =.324 in <sup>4</sup> I <sub>y</sub> =.324 in <sup>4</sup> (I <sub>x</sub> =13.486 cm <sup>4</sup> I <sub>y</sub> =13.486 cm <sup>4</sup> )
<b>E40-4040-BA</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.628 lbs/ft (2.423 kg/m)	1.357 in <sup>2</sup> (8.755 cm <sup>2</sup> )	I <sub>x</sub> =.324 in <sup>4</sup> I <sub>y</sub> =.324 in <sup>4</sup> (I <sub>x</sub> =13.486 cm <sup>4</sup> I <sub>y</sub> =13.486 cm <sup>4</sup> )

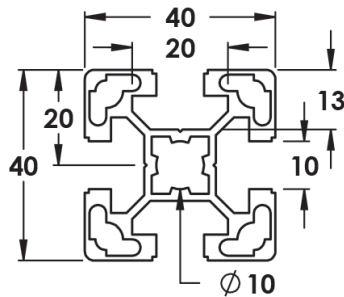
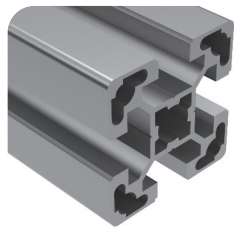
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4040</b>	292	293	294	297
<b>E40-4040-BA</b>	292	293	294	297

## 40mm x 40mm - Slot 10 [ Metric ]

**Part Number**

**E40-4040-10 (10 Slot)**



Our 40mm x 40mm extrusion with a slot 10. This extrusion has four open T-Slots, one on each 40mm face. It is smooth and dirt resistant. It works well for clean rooms, work stations, enclosures, and machine guards. It is also useful for accessory mounting.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4040-10</b>	2.34m (92") 3.05m (120") 6.1m (240")	.995lbs/ft (1.48 kg/m)	5.47 cm <sup>2</sup>	I <sub>x</sub> =.214 in <sup>4</sup> I <sub>y</sub> =.214 in <sup>4</sup> (I <sub>x</sub> =8.91 cm <sup>4</sup> I <sub>y</sub> =8.91cm <sup>4</sup> )

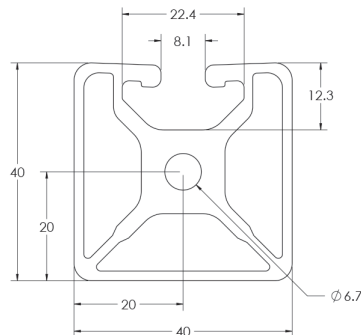
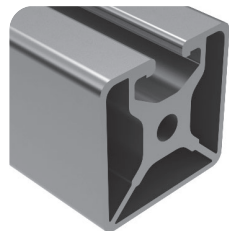
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4040-10</b>	292	293	294	297

## 40mm x 40mm Monoslot [ Metric ]

**Part Number**

**E40-4001**



The 40mm x 40mm bislot shape has one open T-Slot on one 40mm face. The three closed faces give this extrusion a smooth, aesthetic look and allow it to be easily cleaned. It works well for displays, kiosks, booths, and furniture.

**SPECIFICATIONS**

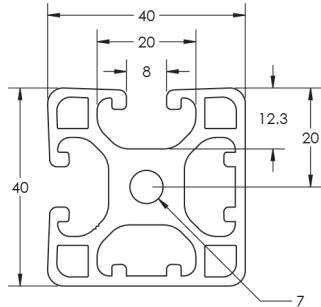
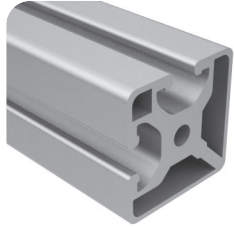
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4001</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.145 lbs/ft (1.703 kg/m)	0.954 in <sup>2</sup> (6.154 cm <sup>2</sup> )	I <sub>x</sub> =.216 in <sup>4</sup> I <sub>y</sub> =.212 in <sup>4</sup> (I <sub>x</sub> =8.909 cm <sup>4</sup> I <sub>y</sub> =8.824 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4001</b>	292	293	294	297

## 40mm x 40mm Bislot Adj [ Metric ]

**Part Number**  
**E40-4002**



The 40mm x 40mm bislot adjacent shape has two open T-Slots, one on each adjacent 40mm face. The two closed faces give this extrusion a smooth, aesthetic look and allow it to be easily cleaned. It works well for displays, kiosks, booths, and furniture.

### SPECIFICATIONS

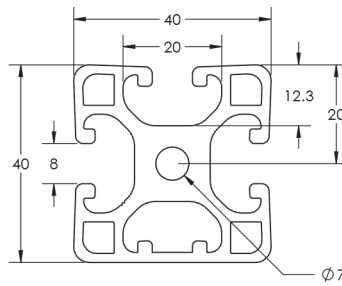
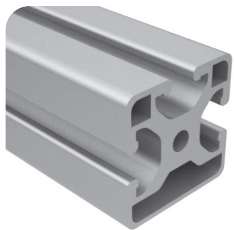
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4002</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.268 lbs/ft (1.887 kg/m)	1.057 in <sup>2</sup> (6.817 cm <sup>2</sup> )	I <sub>x</sub> =.214 in <sup>4</sup> I <sub>y</sub> =.231 in <sup>4</sup> (I <sub>x</sub> =8.90 cm <sup>4</sup> I <sub>y</sub> =9.610 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4002</b>	292	293	294	297

## 40mm x 40mm Trislot [ Metric ]

**Part Number**  
**E40-4003**



The 40mm x 40mm trislot shape has three open T-Slots, one on each adjacent 40mm face. The closed face gives this extrusion a smooth, aesthetic look and allow it to be easily cleaned. It works well for displays, kiosks, booths, and furniture.

### SPECIFICATIONS

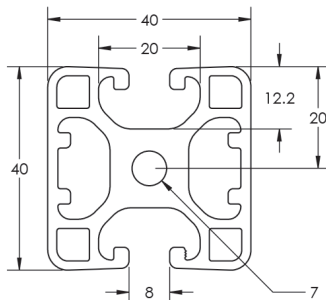
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4003</b>	2.34m (92") 3.05m (120") 6.1m (240")	(1.695 kg/m)	.097 in <sup>2</sup> (6.268 cm <sup>2</sup> )	I <sub>x</sub> =.216 in <sup>4</sup> I <sub>y</sub> =.226 in <sup>4</sup> (I <sub>x</sub> =9.01 cm <sup>4</sup> I <sub>y</sub> =8.78 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4003</b>	292	293	294	297

## 40mm x 40mm Bislot Opposite [ Metric ]

**Part Number**  
**E40-4004**



The 40mm x 40mm bislot opposite shape has two open T-Slots, one on each opposite 40mm face. The two closed faces give this extrusion a smooth, aesthetic look and allow it to be easily cleaned. It works well for displays, kiosks, booths, and furniture.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4004</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.267 lbs/ft (1.886 kg/m)	1.056 in <sup>2</sup> (6.816 cm <sup>2</sup> )	I <sub>x</sub> =.214 in <sup>4</sup> I <sub>y</sub> =.250 in <sup>4</sup> (I <sub>x</sub> =8.900 cm <sup>4</sup> I <sub>y</sub> =10.427 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4004</b>	292	293	294	297

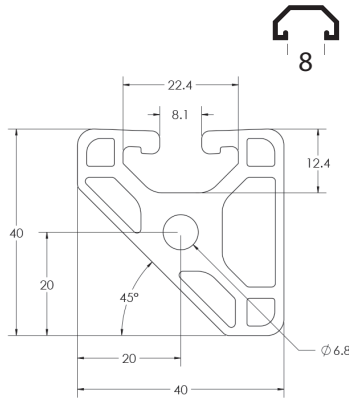
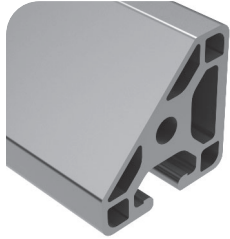


# Structural Extrusions

## 40mm x 45mm Mono Slot [ Metric ]

2

**Part Number**  
E40-4045L-01



The 40mm x 45mm mono slot extrusion has a 45 degree closed back and side with one open T-Slot on one 40mm face. The smooth back and side of this extrusion is aesthetically pleasing and easy to clean. It works well for displays and workstations.

### SPECIFICATIONS

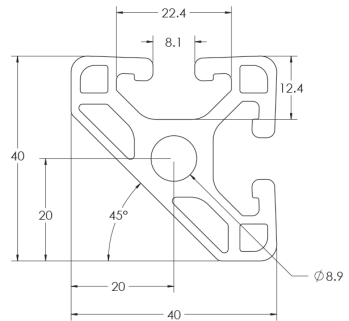
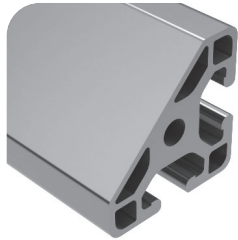
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4045L-01</b>	2.34m (92") 3.3m (144")	1.058 lbs/ft (1.574 kg/m)	.881 in <sup>2</sup> (5.683 cm <sup>2</sup> )	I <sub>x</sub> =.166 in <sup>4</sup> I <sub>y</sub> =.166 in <sup>4</sup> (I <sub>x</sub> =6.909 cm <sup>4</sup> I <sub>y</sub> =6.909 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4045L-01</b>	292	293	294	297

## 40mm x 45mm Bislot [ Metric ]

**Part Number**  
E40-4045L-02



The 40mm x 45mm bislot extrusion has a 45 degree closed back and two open T-Slots, one on each 40mm face. The smooth back of this extrusion is aesthetically pleasing and easy to clean. It works well for displays and workstations.

### SPECIFICATIONS

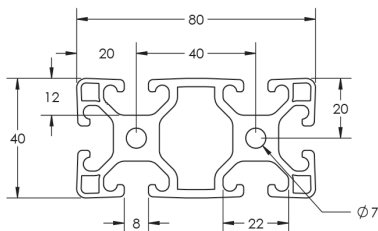
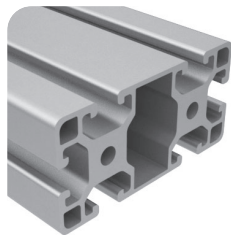
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4045L-02</b>	2.34m (92") 3.3m (144")	1.06 lbs/ft (1.58 kg/m)	.859 in <sup>2</sup> (5.54 cm <sup>2</sup> )	I <sub>x</sub> =.166 in <sup>4</sup> I <sub>y</sub> =.166 in <sup>4</sup> (I <sub>x</sub> =6.909 cm <sup>4</sup> I <sub>y</sub> =6.909 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4045L-02</b>	292	293	294	297

## 40mm x 80mm Ultra Light [ Metric ]

**Part Number**  
E40-4080UL



The 40mm x 80mm UL extrusion has six open T-Slots, one on each 40mm face and two on each 80mm face. This smooth profile is dirt resistant and easy to clean. Its ultra light weight works great for work spaces, displays, racks, and guards. The center cavity can also be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi).

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4080UL</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.993 lbs/ft (2.966 kg/m)	1.661 in <sup>2</sup> (10.716 cm <sup>2</sup> )	I <sub>x</sub> =.396 in <sup>4</sup> I <sub>y</sub> =1.513 in <sup>4</sup> (I <sub>x</sub> =16.48 cm <sup>4</sup> I <sub>y</sub> =62.98 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4080UL</b>	292	293	294	297

## 40mm x 80mm Light [ Metric ]

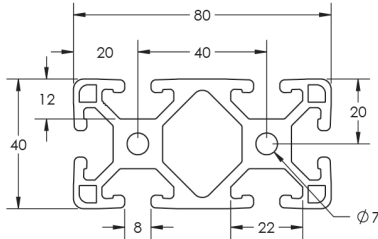
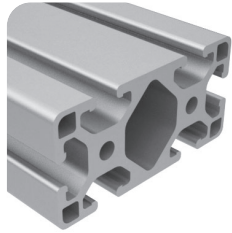
**Part Number**

**E40-4080L**

**E40-4080L-BA (smooth black)**



The 40mm x 80mm light extrusion has six open T-Slots, one on each 40mm face and two on each 80mm face. This smooth profile is dirt resistant and easy to clean. Its lighter weight works great for work spaces, displays, racks, and guards. The center cavity can also be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi).



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4080L</b>	2.34m (92") 3.05m (120") 6.1m (240")	2.423 lbs/ft (3.609 kg/m)	2.021 in <sup>2</sup> (12.981 cm <sup>2</sup> )	I <sub>x</sub> =.495 in <sup>4</sup> I <sub>y</sub> =1.761in <sup>4</sup> (I <sub>x</sub> =20.603 cm <sup>4</sup> I <sub>y</sub> =73.298 cm <sup>4</sup> )
<b>E40-4080L-BA</b>	2.34m (92") 3.05m (120") 6.1m (240")	2.423 lbs/ft (3.609 kg/m)	2.021 in <sup>2</sup> (12.981 cm <sup>2</sup> )	I <sub>x</sub> =.495 in <sup>4</sup> I <sub>y</sub> =1.761in <sup>4</sup> (I <sub>x</sub> =20.603 cm <sup>4</sup> I <sub>y</sub> =73.298 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4080L</b>	292	293	294	297

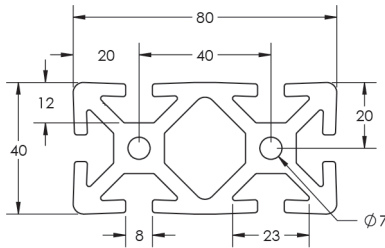
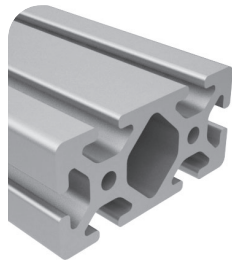
## 40mm x 80mm [ Metric ]

**Part Number**

**E40-4080**



The 40mm x 80mm extrusion has six open T-Slots, one on each 40mm face and two on each 80mm face. This smooth profile is dirt resistant and easy to clean. It works great for work spaces, displays, racks, and guards. The center cavity can also be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi).



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4080</b>	2.34m (92") 3.05m (120") 6.1m (240")	2.908 lbs/ft (4.329 kg/m)	2.423 in <sup>2</sup> (15.632 cm <sup>2</sup> )	I <sub>x</sub> =.621 in <sup>4</sup> I <sub>y</sub> =25.848in <sup>4</sup> (I <sub>x</sub> =2.271 cm <sup>4</sup> I <sub>y</sub> =94.526 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4080</b>	292	293	294	297

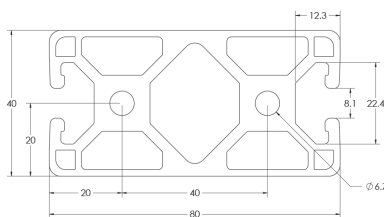
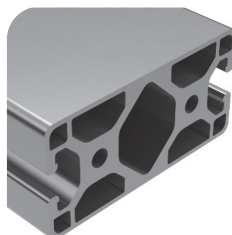
## 40mm x 80mm Bislot Opposite [ Metric ]

**Part Number**

**E40-4085L**



The 40mm x 80mm bislot opposite profile is rectangular with two open t-slots on each 40mm face. The closed face on this profile provides a clean, smooth surface that is easy to clean and dirt resistant. It can be used for machine guards, displays, work benches, or enclosures.



**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4085L</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.99 lbs/ft (2.96 kg/m)	1.705 in <sup>2</sup> (11 cm <sup>2</sup> )	I <sub>x</sub> =4.14 in <sup>4</sup> I <sub>y</sub> =.973 in <sup>4</sup> (I <sub>x</sub> =67.83 cm <sup>4</sup> I <sub>y</sub> =15.94 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

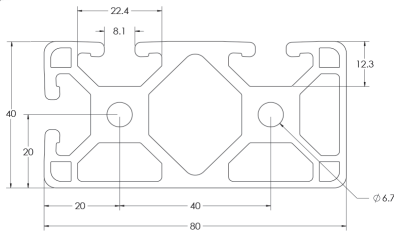
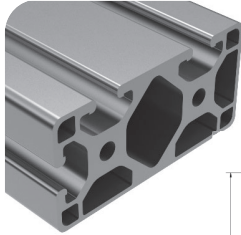
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4085L</b>	292	293	294	297

# Structural Extrusions

## 40mm x 80mm Trislot Adj [ Metric ]

**Part Number**  
E40-4083L

2



The 40mm x 80mm trislot adjacent profile is rectangular with three open t-slots, two on one 80mm side and one on one 40mm side. The closed face on this profile provides a clean, smooth surface that is easy to clean and dirt resistant. It can be used for machine guards, displays, work benches, or enclosures.

### SPECIFICATIONS

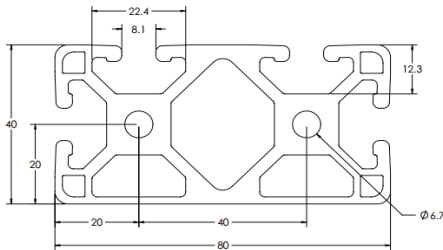
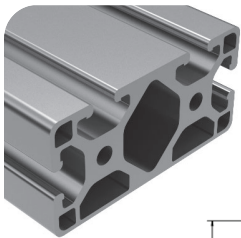
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4083L</b>	2.34m (92") 3.05m (120") 6.1m (240")	2.318 lbs/ft (3.449 kg/m)	1.932 in <sup>2</sup> (12.464 cm <sup>2</sup> )	I <sub>x</sub> =4.16 in <sup>4</sup> I <sub>y</sub> =1.01 in <sup>4</sup> (I <sub>x</sub> =68.19 cm <sup>4</sup> I <sub>y</sub> =16.47 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4083L</b>	292	293	294	297

## 40mm x 80mm 4 Slot [ Metric ]

**Part Number**  
E40-4084L



The 40mm x 80mm 4 slot profile has four adjacent t-slots. Two are on one 80mm side and one is on each 40mm side. The closed face provides a clean surface that is resistant to dirt. It works well with work spaces, machine guards, and displays.

### SPECIFICATIONS

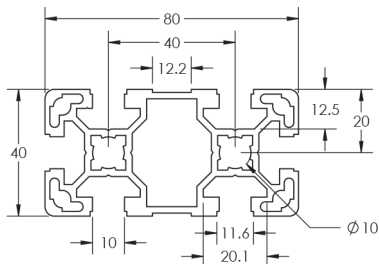
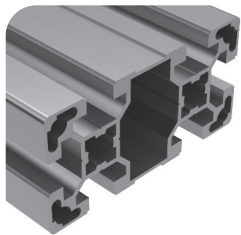
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4084L</b>	2.34m (92") 3.05m (120") 6.1m (240")	2.026 lbs/ft (.919 kg/m)	1.731 in <sup>2</sup> (11.17 cm <sup>2</sup> )	I <sub>x</sub> =4.25 in <sup>4</sup> I <sub>y</sub> =1.01 in <sup>4</sup> (I <sub>x</sub> =69.72 cm <sup>4</sup> I <sub>y</sub> =16.61 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4084L</b>	292	293	294	297

## 40mm x 80mm - Slot 10 [ Metric ]

**Part Number**  
E40-4080-10 (Slot 10)



The 40mm x 80mm slot 10 profile has six open t-slots. It is useful for work spaces, machine guards, and displays.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4080-10</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.740 lbs/ft (2.59 kg/m)	1.731 in <sup>2</sup> (9.60 cm <sup>2</sup> )	I <sub>x</sub> =2.34 in <sup>4</sup> I <sub>y</sub> =.607 in <sup>4</sup> (I <sub>x</sub> =61.76 cm <sup>4</sup> I <sub>y</sub> =16.93 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

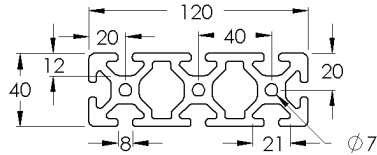
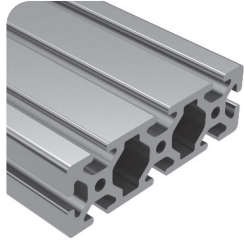
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4080-10</b>	292	293	294	297



## 40mm x 120mm [ Metric ]

**Part Number**

**E40-4012**



The 40mm x 120mm extrusion has eight open T-slots, one on each 40mm face and three on each 120mm face. This profile is smooth, making it resistant to dirt and easy to clean. The center cavities can be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi). It's useful for mounting accessories, hinges, and plates.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-4012</b>	240", 120", 92"	4.130 lbs/ft	3.442 in <sup>2</sup>	I <sub>x</sub> =.879 in <sup>4</sup> I <sub>y</sub> =7.132 in <sup>4</sup>

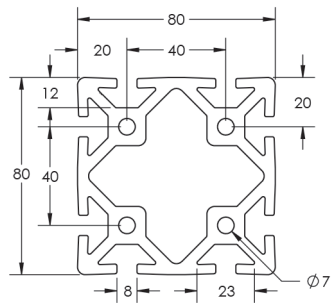
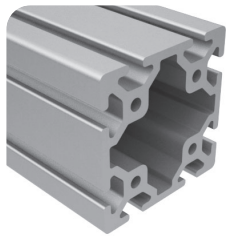
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-4012</b>	292	293	294	297

## 80mm x 80mm [ Metric ]

**Part Number**

**E40-8080**



Our 80mm x 80mm shape has two T-slots on each 80mm face. The center cavities can be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi). It's great for workstations, frames, and automation applications.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-8080</b>	2.34m (92") 3.05m (120") 6.1m (240")	4.807 lbs/ft (7.154 kg/m)	4.006 in <sup>2</sup> (25.845 cm <sup>2</sup> )	I <sub>x</sub> =4.289 in <sup>4</sup> I <sub>y</sub> =4.289 in <sup>4</sup> (I <sub>x</sub> =178.522 cm <sup>4</sup> I <sub>y</sub> =178.522 cm <sup>4</sup> )

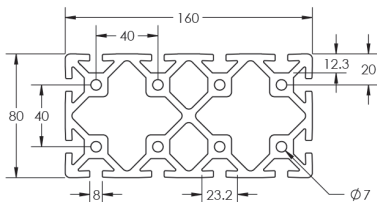
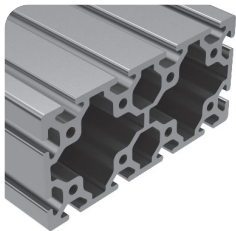
**BASIC MACHINING REFERENCE PAGES**

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-8080</b>	292	293	294	297

## 80mm x 160mm [ Metric ]

**Part Number**

**E40-8016**



Our 80mm x 160mm shape has twelve open T-slots, two on each 80mm face and four on each 160mm face. This profile is smooth, dirt resistant, and easy to clean. The center cavities can be pressurized up to 1.034 N/mm<sup>2</sup> (150 psi). It's great for workstations, frames, and automation applications.

**SPECIFICATIONS**

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-8016</b>	2.34m (92") 3.68m (145")	7.88 lbs/ft (11.72 kg/m)	6.77 in <sup>2</sup> (43.49 cm <sup>2</sup> )	I <sub>x</sub> =67.8 in <sup>4</sup> I <sub>y</sub> =19.69 in <sup>4</sup> (I <sub>x</sub> =1111 cm <sup>4</sup> I <sub>y</sub> =322.8 cm <sup>4</sup> )

**BASIC MACHINING REFERENCE PAGES**

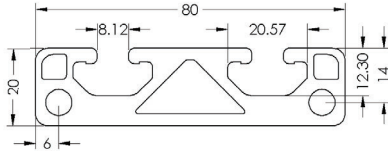
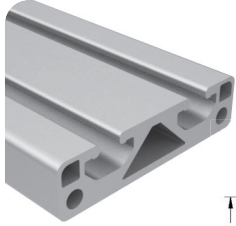
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-8016</b>	292	293	294	297

# Structural Extrusions

## 80mm x 20mm [ Metric ]

2

**Part Number**  
**E40-8020**



Our 80mm x 20mm shape has two adjacent T-slots, two on one 80mm face. It is a thinner profile that is easy to connect to flat surfaces. It works well as a spacer or for mounting accessories.

### SPECIFICATIONS

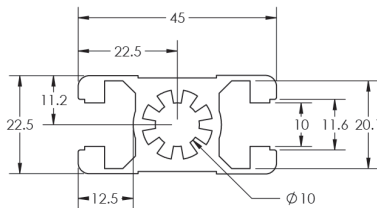
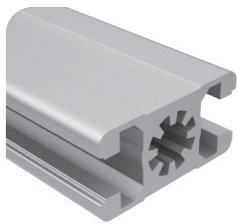
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E40-8020</b>	2.34m (92") 3.05m (120") 6.1m (240")	1.54 lbs/ft (2.29 kg/m)	.514 in <sup>2</sup> (8.42 cm <sup>2</sup> )	I <sub>x</sub> =3.03 in <sup>4</sup> I <sub>y</sub> =.228 in <sup>4</sup> (I <sub>x</sub> =49.7 cm <sup>4</sup> I <sub>y</sub> =3.73 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E40-8020</b>	292	293	294	297

## 22.5mm x 45mm [ Metric ]

**Part Number**  
**E45-22.545**



Our 22.5mm x 45mm shape works well for machine frames, workstations, shop carts, tables, and machine retrofits. It has a smooth finish for an aesthetically pleasing look.

### SPECIFICATIONS

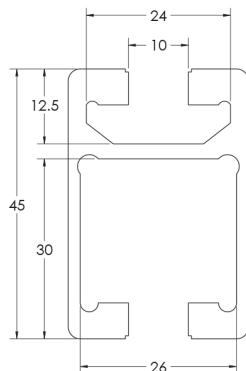
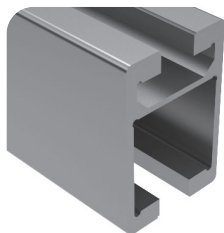
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-22.545</b>	119.5" (3.035m) 239" (6.07m)	.850 lbs/ft (1.264 kg/m)	.708 in <sup>2</sup> (4.5666 cm <sup>2</sup> )	I <sub>x</sub> =.069 in <sup>4</sup> I <sub>y</sub> =.171 in <sup>4</sup> (I <sub>x</sub> =2.87 cm <sup>4</sup> I <sub>y</sub> =7.12 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Central Connector
<b>E45-22.545</b>	292	293	294	299

## 30mm x 45mm C Channel [ Metric ]

**Part Number**  
**E3045C\***



Our 30mm x 45mm C channel shape works well for sliding door applications including store fixtures, display cases, windows, and more.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E3045C</b>	119.5" (3.035m) 239" (6.07m)	.832 lbs/ft (1.238 kg/m)	.693 in <sup>2</sup> (4.47 cm <sup>2</sup> )	I <sub>x</sub> =.255 in <sup>4</sup> I <sub>y</sub> =.136 in <sup>4</sup> (I <sub>x</sub> =10.61 cm <sup>4</sup> I <sub>y</sub> =5.66 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole
<b>E3045C</b>	292	293	294

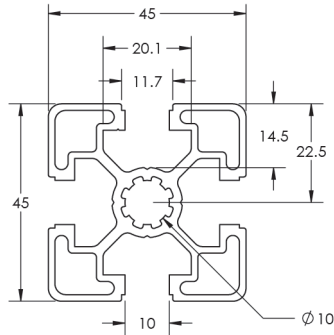
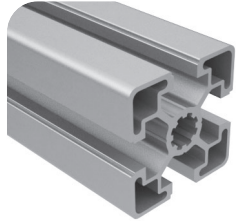
\*This extrusion works with Trolley Set found on page 207.

# Metric - 40 Series - 45 Series

2

## 45mm x 45mm Light [ Metric ]

**Part Number**  
E45-4545L



Our 45mm x 45mm light shape is smooth for a dirt resistant finish. It's great for guards, enclosures, clean rooms, or workstations. The four open T-slots allow for access in all directions.

### SPECIFICATIONS

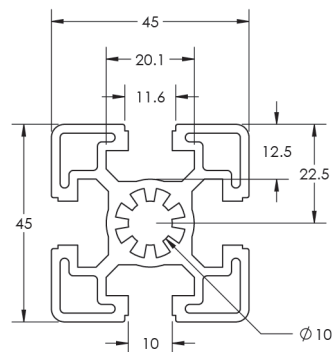
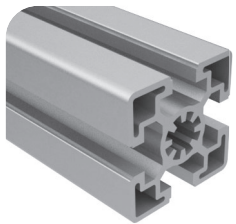
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545L</b>	119.5" (3.035m) 239" (6.07m)	1.061 lbs/ft (1.578 kg/m)	.884 in <sup>2</sup> (5.7018 cm <sup>2</sup> )	Ix=.264 in <sup>4</sup> ly=.264 in <sup>4</sup> (Ix=10.99 cm <sup>4</sup> ly=10.99 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545L</b>	292	293	294	297

## 45mm x 45mm [ Metric ]

**Part Number**  
E45-4545



Our 45mm x 45mm shape is smooth for a dirt resistant finish. It's great for guards, enclosures, clean rooms, or workstations. The four open T-slots allow for access in all directions.

### SPECIFICATIONS

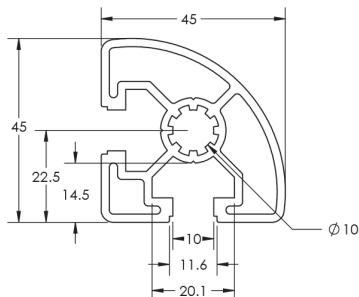
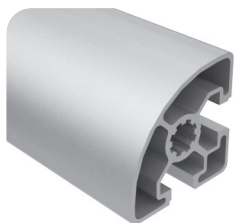
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545</b>	119.5" (3.035m) 239" (6.07m)	1.392 lbs/ft (2.071 kg/m)	1.16 in <sup>2</sup> (7.482 cm <sup>2</sup> )	Ix=.334 in <sup>4</sup> ly=.334 in <sup>4</sup> (Ix=13.9 cm <sup>4</sup> ly=13.9 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545</b>	292	293	294	297

## 45mm x 45mm Quarter Round [ Metric ]

**Part Number**  
E45-4545R



Our 45mm x 45mm quarter round extrusion has a slot 10 with two open T-slots with a rounded shape. It is useful for hand rails, legs, and table fronts with the clean, smooth finish. It is also ideal for clean room usage.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545R</b>	119.5" (3.035m) 239" (6.07m)	1.004 lbs/ft (1.495 kg/m)	.837 in <sup>2</sup> (5.39865 cm <sup>2</sup> )	Ix=.214 in <sup>4</sup> ly=.214 in <sup>4</sup> (Ix=8.91 cm <sup>4</sup> ly=8.91 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545R</b>	292	293	294	297

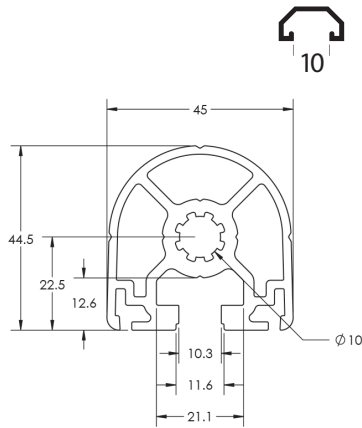
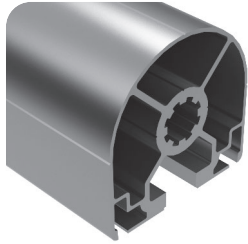


# Structural Extrusions

## 45mm x 45mm Half Round [ Metric ]

2

**Part Number**  
E45-4545HR



Our 45mm x 45mm half round extrusion has a slot 10 with two open T-slots with a rounded shape. It is useful for hand rails, legs, and table fronts with the clean, smooth finish. It is also ideal for clean room usage.

### SPECIFICATIONS

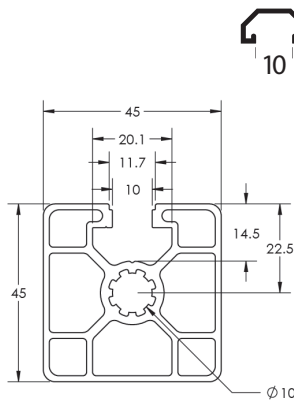
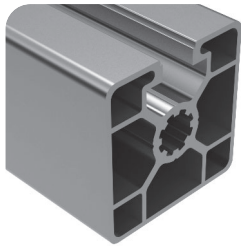
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545HR</b>	119.5" (3.035m) 239" (6.07m)	1.248 lbs/ft (1.857 kg/m)	1.042 in <sup>2</sup> (6.722 cm <sup>2</sup> )	I <sub>x</sub> =.216 in <sup>4</sup> I <sub>y</sub> =.212 in <sup>4</sup> (I <sub>x</sub> =8.99 cm <sup>4</sup> I <sub>y</sub> =8.82 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545HR</b>	292	293	294	297

## 45mm x 45mm Monoslot [ Metric ]

**Part Number**  
E45-4545-01



Our 45mm x 45mm monoslot is smooth for a dirt resistant finish. It's great for guards, enclosures, clean rooms, or workstations. It's single T-slot allows for a more aesthetically pleasing look.

### SPECIFICATIONS

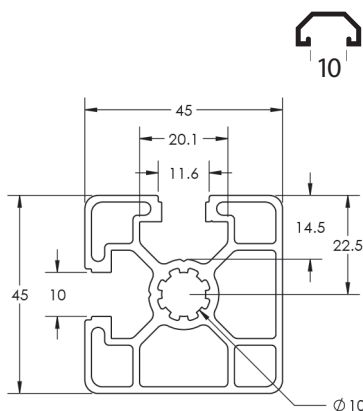
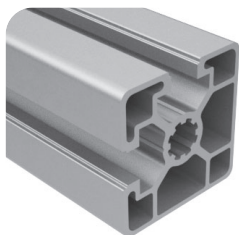
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545-01</b>	119.5" (3.035m) 239" (6.07m)	1.042 lbs/ft (1.55 kg/m)	.868 in <sup>2</sup> (5.60 cm <sup>2</sup> )	I <sub>x</sub> =.266 in <sup>4</sup> I <sub>y</sub> =.269 in <sup>4</sup> (I <sub>x</sub> =11.07 cm <sup>4</sup> I <sub>y</sub> =11.19 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545-01</b>	292	293	294	297

## 45mm x 45mm Bislote Adjacent [ Metric ]

**Part Number**  
E45-4545-02



Our 45mm x 45mm bislote adjacent shape is smooth for a dirt resistant finish. The two adjacent T-slots make it great for guards, enclosures, clean rooms, or workstations.

### SPECIFICATIONS

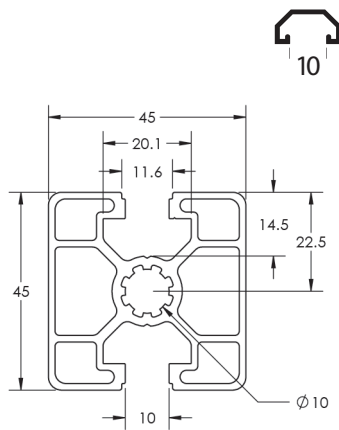
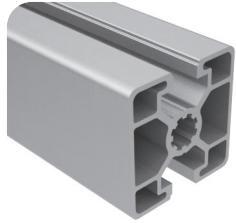
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545-02</b>	119.5" (3.035m) 239" (6.07m)	1.075 lbs/ft (1.60 kg/m)	.899 in <sup>2</sup> (5.80 cm <sup>2</sup> )	I <sub>x</sub> =.283 in <sup>4</sup> I <sub>y</sub> =.283 in <sup>4</sup> (I <sub>x</sub> =.7188 cm <sup>4</sup> I <sub>y</sub> =.7188 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545-02</b>	292	293	294	297

## 45mm x 45mm Bislote Opposite [ Metric ]

**Part Number**  
E45-4545-04



Our 45mm x 45mm bislote opposite shape is smooth for a dirt resistant finish. The two adjacent T-slots make it great for guards, enclosures, clean rooms, or workstations.

### SPECIFICATIONS

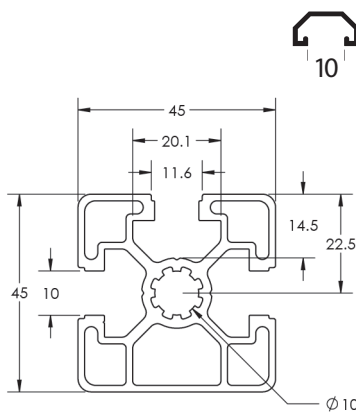
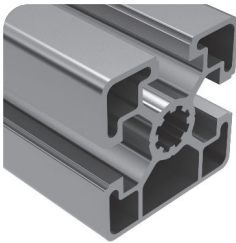
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545-04</b>	119.5" (3.035m) 239" (6.07m)	1.075 lbs/ft (1.60 kg/m)	.899 in <sup>2</sup> (5.80 cm <sup>2</sup> )	I <sub>x</sub> =.277 in <sup>4</sup> I <sub>y</sub> =.277 in <sup>4</sup> (I <sub>x</sub> =11.38 cm <sup>4</sup> I <sub>y</sub> =11.38 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545-04</b>	292	293	294	297

## 45mm x 45mm Trislote [ Metric ]

**Part Number**  
E45-4545-03



Our 45mm x 45mm trislote shape is smooth for a dirt resistant finish. The three open T-slots makes this extrusion great for guards, enclosures, clean rooms, or workstations.

### SPECIFICATIONS

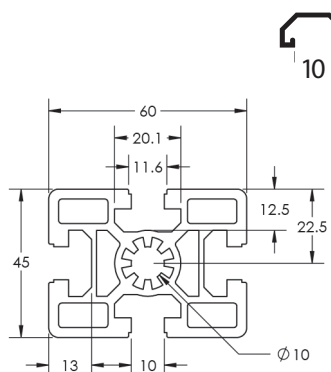
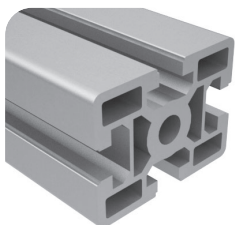
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4545-03</b>	119.5" (3.035m) 239" (6.07m)	1.075 lbs/ft (1.60 kg/m)	.899 in <sup>2</sup> (5.80 cm <sup>2</sup> )	I <sub>x</sub> =.277 in <sup>4</sup> I <sub>y</sub> =.277 in <sup>4</sup> (I <sub>x</sub> =11.38 cm <sup>4</sup> I <sub>y</sub> =11.38 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4545-03</b>	292	293	294	297

## 45mm x 60mm [ Metric ]

**Part Number**  
E45-4560



Our 45mm x 60mm shape is smooth for a dirt resistant finish. The four adjacent T-slots make it great for medium to heavy applications and a wide variety of uses.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4560</b>	119.5" (3.035m) 239" (6.07m)	2.039 lbs/ft (3.034 kg/m)	1.699 in <sup>2</sup> (22.643 cm <sup>2</sup> )	I <sub>x</sub> =.544 in <sup>4</sup> I <sub>y</sub> =.894 in <sup>4</sup> (I <sub>x</sub> =22.64 cm <sup>4</sup> I <sub>y</sub> =37.21 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

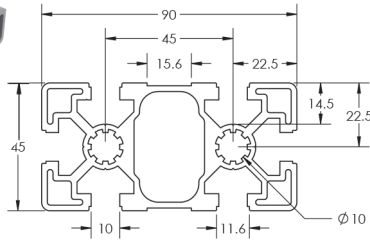
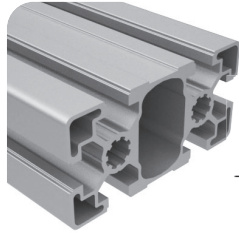
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4560</b>	292	293	294	297

# Structural Extrusions

## 45mm x 90mm Light [ Metric ]

**Part Number**  
E45-4590L

2



Our 45mm x 90mm with the six adjacent T-slots make it great for medium to heavy applications and a wide variety of uses where strength is key.

### SPECIFICATIONS

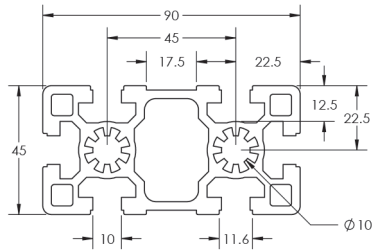
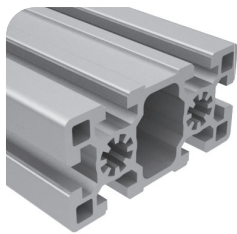
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4590L</b>	119.5" (3.035m) 239" (6.07m)	2.368 lbs/ft (3.523 kg/m)	1.973 in <sup>2</sup> (12.72585 cm <sup>2</sup> )	Ix=.644 in <sup>4</sup> ly=2.349 in <sup>4</sup> (Ix=26.81 cm <sup>4</sup> ly=97.77 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4590L</b>	292	293	294	297

## 45mm x 90mm [ Metric ]

**Part Number**  
E45-4590 (smooth)  
E45-4590-BA (smooth black)



Our 45mm x 90mm shape is an even heavier duty version of our 45mm x 90mm light shape. It is great for medium to heavy applications and a wide variety of uses where strength is key.

### SPECIFICATIONS

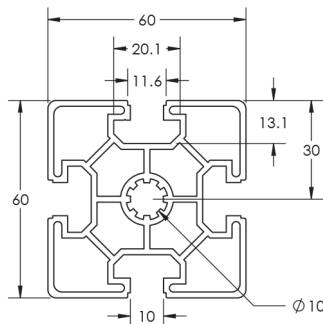
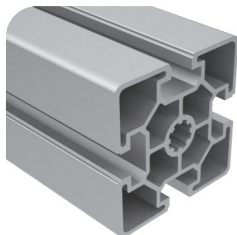
Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-4590</b>	119.5" (3.035m) 239" (6.07m)	2.791 lbs/ft (4.15 kg/m)	2.382 in <sup>2</sup> (15.37 cm <sup>2</sup> )	Ix=2.995 in <sup>4</sup> ly=.787 in <sup>4</sup> (Ix=124.62 cm <sup>4</sup> ly=32.76 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-4590</b>	292	293	294	297

## 60mm x 60mm Light [ Metric ]

**Part Number**  
E45-6060L



Our 60mm x 60mm light shape is smooth for a dirt resistant finish. The four open T-slots makes this extrusion great for guards, enclosures, clean rooms, or workstations.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-6060L</b>	119.5" (3.035m) 239" (6.07m)	1.733 lbs/ft (2.578 kg/m)	1.444 in <sup>2</sup> (9.3138 cm <sup>2</sup> )	Ix=.76 in <sup>4</sup> ly=.76 in <sup>4</sup> (Ix=31.63 cm <sup>4</sup> ly=31.63 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tap	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-6060L</b>	292	293	294	297

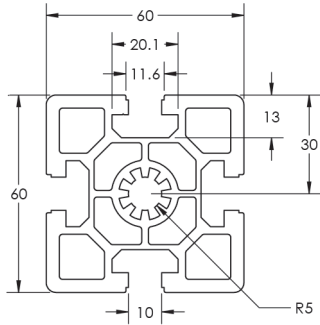
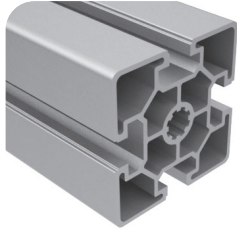


# Metric - 45 Series

## 60mm x 60mm [ Metric ]

### Part Number

E45-6060



Our 60mm x 60mm shape is a stronger version of our 60mm x 60mm light. It is smooth for a dirt resistant finish. The four open T-slots makes this extrusion great for guards, enclosures, clean rooms, or workstations.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-6060</b>	119.5" (3.035m) 239" (6.07m)	2.609 lbs/ft (3.88 kg/m)	2.229 in <sup>2</sup> (14.38 cm <sup>2</sup> )	I <sub>x</sub> =1.266 in <sup>4</sup> I <sub>y</sub> =1.266 in <sup>4</sup> (I <sub>x</sub> =52.7 cm <sup>4</sup> I <sub>y</sub> =52.7 cm <sup>4</sup> )

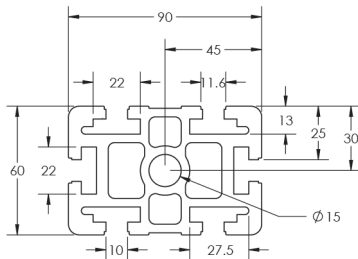
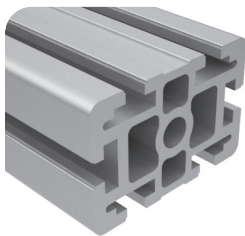
### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-6060</b>	292	293	294	297

## 60mm x 90mm [ Metric ]

### Part Number

E45-6090



Our 60mm x 90mm shape is smooth for a dirt resistant finish. It features six open T-slots which makes it ideal for a wide variety of heavy duty applications such as cantilevered gantries.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-6090</b>	119.5" (3.035m) 239" (6.07m)	4.770 lbs/ft (7.098 kg/m)	3.975 in <sup>2</sup> (25.639 cm <sup>2</sup> )	I <sub>x</sub> =2.173 in <sup>4</sup> I <sub>y</sub> =5.105 in <sup>4</sup> (I <sub>x</sub> =90.45 cm <sup>4</sup> I <sub>y</sub> =212.49 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

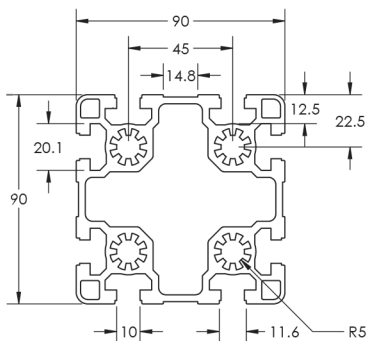
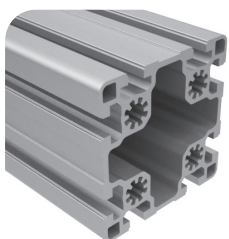
Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-6090</b>	292	293	294	297

## 90mm x 90mm [ Metric ]

### Part Number

E45-9090

E45-9090-BA (smooth black)



Our 90mm x 90mm extrusion features eight open T-slots. This makes it ideal for heavy duty purposes. It is great as a corner post where added strength is needed.

### SPECIFICATIONS

Part #	Lengths	Weight	Estimated Area	Moment of Inertia
<b>E45-9090</b>	119.5" (3.035m) 239" (6.07m)	4.280 lbs/ft (6.369 kg/m)	3.567 in <sup>2</sup> (23.00715 cm <sup>2</sup> )	I <sub>x</sub> =5.016 in <sup>4</sup> I <sub>y</sub> =5.016 in <sup>4</sup> (I <sub>x</sub> =208.78 cm <sup>4</sup> I <sub>y</sub> =208.78 cm <sup>4</sup> )

### BASIC MACHINING REFERENCE PAGES

Part #	Cut to Length	End Tapping	Drill Access Hole	Anchor Fastener Counterbore
<b>E45-9090</b>	292	293	294	297



# Section 3 Fasteners

There are a number of Parco fasteners from which to choose. Economy T-Nuts are the most economical way to fasten your assembly. Anchor fasteners are a lower cost alternative to make a strong, clean, flush 90 degree joint in a variable location. End fasteners allow your frame to have a strong, square, hidden joint in a fixed location that makes assembly of your frame easier.

**When ordering fasteners for your application, keep these suggestions in mind:**

- Check out the Fastener Application Test below to determine which fasteners are right for your job
- For the most cost effective fastening option, choose economy t-nuts and fasteners
- When you have a captivated extrusion end, select drop-in t-nuts and fasteners
- Check out the Tools section of the catalog to find the right tool for your job

**Fastener Advantages**

- Options allow loading from end or from side
- Many available in fractional and metric sizes
- Highest quality available
- Finishes include corrosion resistant black zinc, bright zinc, and stainless steel
- Clean flush connections easily achieved

**FASTENER/TOOL RECOMMENDED CHART**

THREAD SIZE	FASTENER HEAD			
	SHCS	BHSCS	FBHSCS	FHSCS
8/32	n/a	3/32"	n/a	n/a
10-32	5/32"	1/8"	n/a	n/a
1/4-20	3/16"	5/32"	5/32"	5/32"
5/16-18	1/4"	3/16"	3/16"	3/16"
3/8-16	5/16"	n/a	n/a	7/32"
M6	5mm	4mm	n/a	n/a
M8	6mm	5mm	n/a	n/a

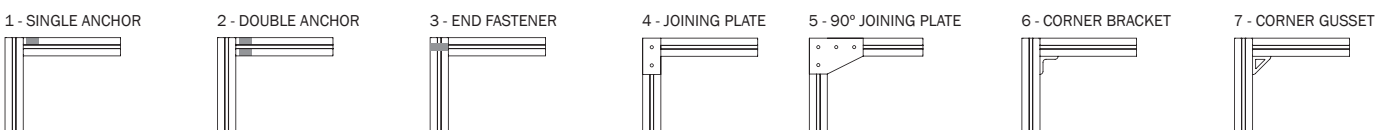
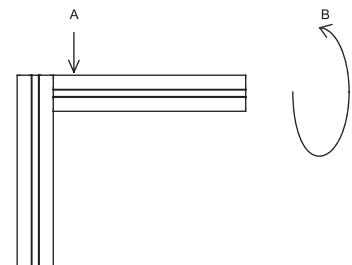
\* Numbers in chart reflect hex tool size required.

**FASTENER APPLICATION TEST**

FASTENER	E1010G		E1515LS		E1515L	
	A (lbs)	B	A (lbs)	B	A (lbs)	B
1	500	180 in/lbs	950	540 in/lbs	950	700 in/lbs
2	900	250 in/lbs	1,200	1,150 in/lbs	1,200	2,000 in/lbs
3	450	325 in/lbs	1,000	680 in/lbs	1,000	1,150 in/lbs
4	175	400 in/lbs	225	1,000 in/lbs	225	1,100 in/lbs
5	175	500 in/lbs	250	1,200 in/lbs	250	1,260 in/lbs
6	325	180 in/lbs	375	500 in/lbs	575	500 in/lbs
7	325	260 in/lbs	375	500 in/lbs	575	500 in/lbs

\* All forces are approximate.

A - DIRECT FORCE  
B - TORTIONAL FORCE





# Pictorial Table of Contents

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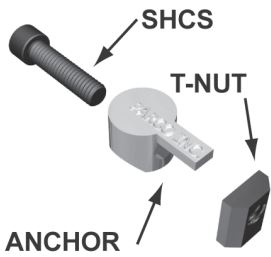
Economy T-Nuts  Page 70	Double Economy T-Nuts  Page 70	Triple Economy T-Nuts  Page 71	Economy Slide-In T-Nuts  Page 71	Slide-In T-Nut  Page 71	Standard T-Nuts Offset  Page 72	Drop In T-Nuts w/ Rubber Handle  Page 72	Drop In T-Nuts w/ Set Screw  Page 73	Drop In T-Nuts w/ Ball Bearing  Page 73
Stepped Drop In T-Nuts w/ Ball Bearing  Page 74	Spring T-Nut  Page 74	Roll In T-Nut  Page 74	Roll In T-Nut w/ Spring Leaf  Page 75	Hammer T-Nuts  Page 75	Drop In T-Slot Studs  Page 76	Drop In T-Stud w/ Flanged Hex Nut  Page 76	Economy T-Slot Studs  Page 77	Milling Connector  Page 77
Connector Link  Page 77	Inside-Outside & Inside-Inside Brackets  Page 78	Plate Connector  Page 78	Set Screw On Connector  Page 79	Self Forming Countersink Screw  Page 79	Self Forming Button Head Screw  Page 79	Self Tapping Screw  Page 80	End Fasteners  Page 80	Double End Fasteners  Page 81
Single-Tab End Fasteners  Page 81	Central Connector  Page 82	Cover Cap For Central Connector  Page 82	Universal Connector  Page 82	Anchor Fasteners  Page 83	Double Anchor Fasteners  Page 83	Push In Fasteners  Page 84	Threaded Inserts  Page 84	Butt Fasteners  Page 84
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# Fastening Process - Fractional

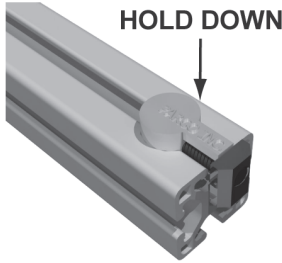
3

## Anchor Fastener (Counterbore Machining Required)

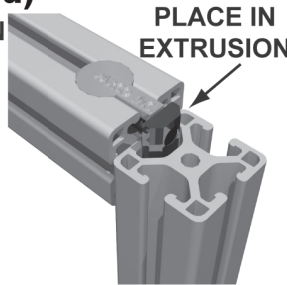


ANCHOR FASTENERS CONSIST OF THREE PARTS:

1. T-NUT
2. ANCHOR
3. SHCS



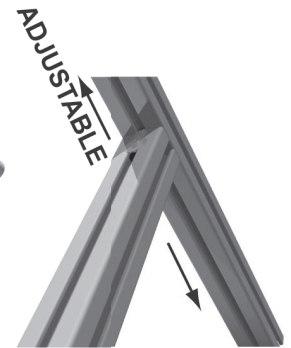
INSERT THE SHCS THROUGH THE ANCHOR AND PARTIALLY INTO THE T-NUT. PLACE THE ANCHOR ASSEMBLY INTO THE COUNTERBORE HOLE IN THE EXTRUSION.



LINE UP THE ANCHORED EXTRUSION WITH THE JOINING EXTRUSION AND INSERT THE T-NUT INTO THE T-SLOT.

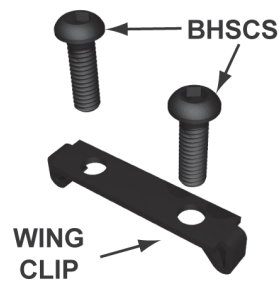


WHEN EXTRUSION IS PROPERLY IN PLACE TIGHTEN SHCS WITH A T-HANDLE HEX WRENCH UNTIL CONNECTION IS SOUND.



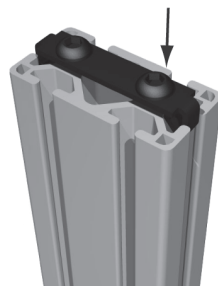
EXTRUSION CAN BE MOUNTED ANYWHERE ALONG JOINING EXTRUSION WITH ANCHOR FASTENER CONNECTION.

## End Fastener (Access Hole Machining Required)



END FASTENERS CONSIST OF TWO TYPES OF PARTS:

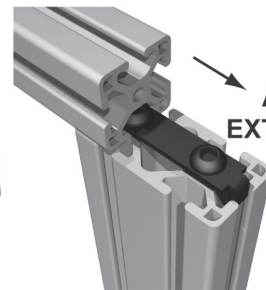
1. BHSCS (1 FOR SINGLE)
2. WING CLIP (DOUBLE OR SINGLE)



INSERT THE BHSCS'S THROUGH THE WING CLIP AND INTO THE TAPPED END OF THE EXTRUSION. DO NOT TIGHTEN.



TWO ACCESS HOLES IN THE JOINING EXTRUSION ARE REQUIRED FOR DOUBLE END FASTENERS (ONLY ONE IS NEEDED FOR SINGLE END FASTENERS)

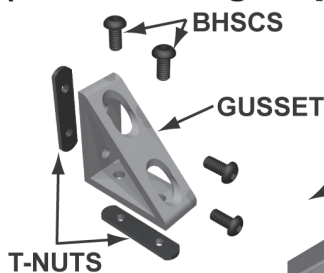


SLIDE THE JOINING EXTRUSION ONTO THE WING CLIP UNTIL THE ACCESS HOLES ARE ALIGNED WITH THE BHSCS'S.



PLACE A T-HANDLE HEX WRENCH INTO THE ACCESS HOLE UNTIL CONTACT IS MADE WITH THE BHSCS. TIGHTEN UNTIL THE CONNECTION IS SOUND.

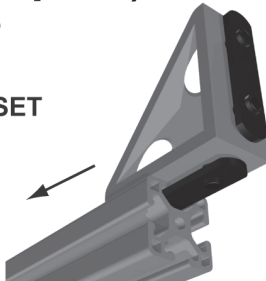
## Corner Gusset (No Machining Required)



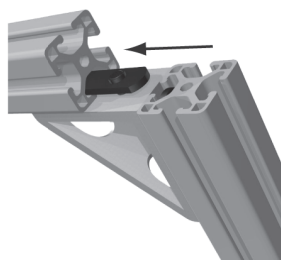
CORNER GUSSETS ARE COMPRISED THREE TYPES OF PARTS:

1. (4) BHSCS
2. (2) DOUBLE ECON T-NUTS
3. 4 HOLE CORNER GUSSET

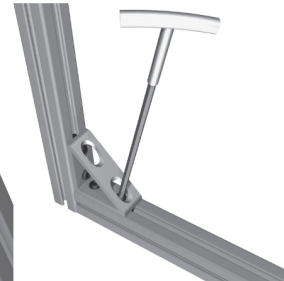
\*DIFFERENT TYPES OF GUSSETS ARE AVAILABLE.



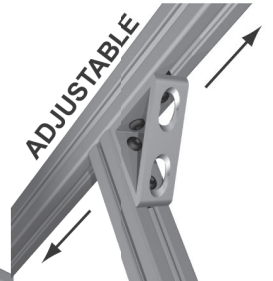
INSERT THE BHSCS'S THROUGH THE GUSSET AND LOOSELY INTO THE T-NUTS. BEGIN SLIDING THE GUSSET ONTO THE EXTRUSION WITH THE T-NUT IN THE T-SLOT.



INSERT THE T-NUT ON ADJACENT SIDE OF THE GUSSET INTO THE T-SLOT OF THE JOINING EXTRUSION.



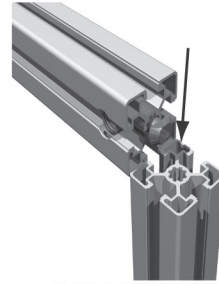
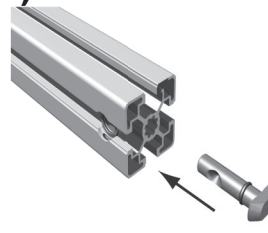
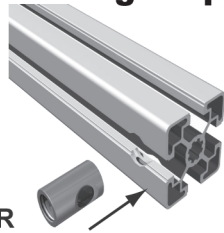
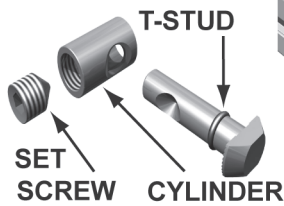
WHEN EXTRUSION IS PROPERLY IN PLACE TIGHTEN THE BHSCS'S WITH A T-HANDLE HEX WRENCH UNTIL THE CONNECTION IS SECURE.



EXTRUSION CAN BE MOUNTED ANYWHERE ALONG THE JOINING PROFILE WITH THE GUSSET CONNECTION.



## 45mm Profile Central Connector (Counterbore Machining Required)



CENTRAL CONNECTORS ARE COMPRISED OF THREE PARTS:

1. SET SCREW
2. CYLINDER
3. T-STUD

INSERT THE SET SCREW INTO THE CYLINDER THEN INSERT THE CYLINDER INTO THE COUNTERBORE HOLE.

ALIGN THE HOLE IN THE CYLINDER WITH THE HOLE IN THE EXTRUSION THEN INSERT THE T-STUD INTO THE PROFILE END AND INTO THE HOLE IN THE CYLINDER.

SLIDE THE T-STUD INTO THE T-SLOT OF THE JOINING EXTRUSION.

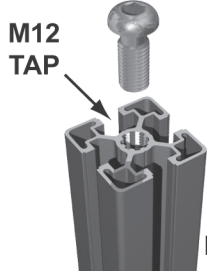
WHEN EXTRUSION IS PROPERLY IN PLACE TIGHTEN THE SET SCREW WITH A T-HANDLE HEX WRENCH UNTIL THE CONNECTION IS SECURE.

3

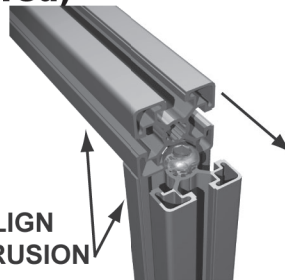
## 45mm Profile Connecting Screw (Access Hole and End Tap Required)



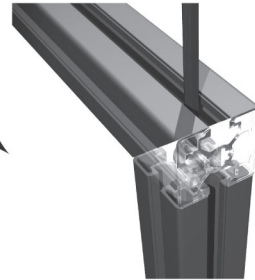
A CONNECTING SCREW IS AN M12 BHCS THAT WORKS IN SIMILAR FASHION TO AN END FASTENER.



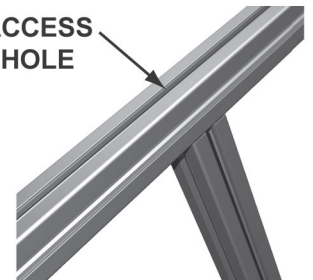
INSERT THE M12 BHCS INTO THE TAPPED END OF THE 45MM EXTRUSION WITHOUT TIGHTENING ALL THE WAY.



SLIDE THE TOP OF THE M12 BHCS INTO THE T-SLOT OF THE JOINING PROFILE UNTIL THE BHCS IS ALIGNED WITH THE ACCESS HOLE.

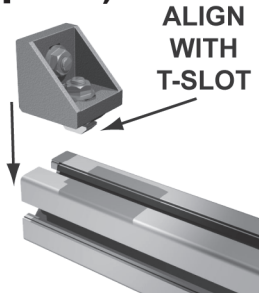
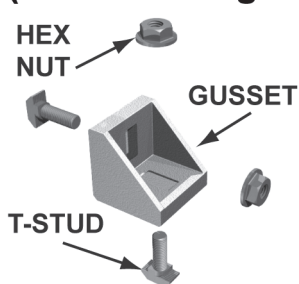


PLACE A T-HANDLE HEX WRENCH INTO THE ACCESS HOLE UNTIL CONTACT IS MADE WITH THE BHCS. TIGHTEN UNTIL CONNECTION IS SECURE.

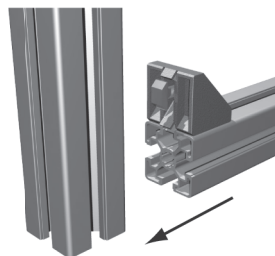


CONNECTION CAN BE MADE ANYWHERE ALONG THE JOINING PROFILE AS LONG AS AN ACCESS HOLE IS PRESENT.

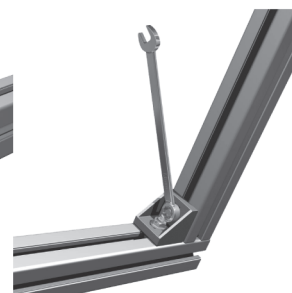
## 45mm Profile Corner Gusset with T-Studs (No Machining Required)



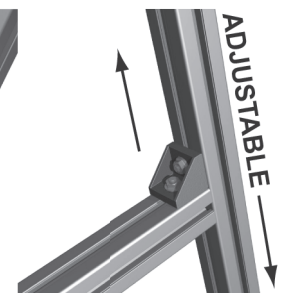
INSERT THE T-STUDS INTO THE GUSSET AND LOOSELY ATTACH THE HEX NUTS. THE T-STUD CAN BE INSERTED DIRECTLY INTO THE T-SLOT ONCE ALIGNED.



INSERT THE OTHER T-STUD INTO THE T-SLOT OF THE JOINING EXTRUSION. TABS ON GUSSETS WILL KEEP EXTRUSIONS ALIGNED. \*TABLESS GUSSETS ARE AVAILABLE IF DESIRED.



TIGHTEN HEX NUTS WITH A 13MM WRENCH. WHEN TIGHTENED THE T-STUDS WILL ROTATE 90° AND LOCK IN PLACE.



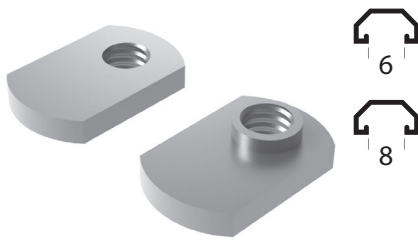
EXTRUSION CAN BE MOUNTED ANYWHERE ALONG THE JOINING EXTRUSION. T-STUDS WILL ALLOW THE GUSSET TO BE REMOVED OR ADDED ANYWHERE ALONG THE T-SLOT.

## Economy T-Nuts

**F** = Fractional

**M** = Metric

3

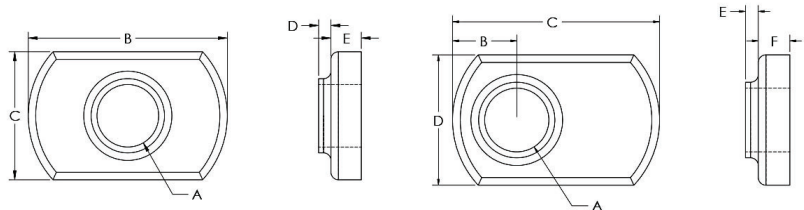


- Economical
- High Strength
- Extrusion end loading only
- 10, 15, 30, & 40 Series

Part #	Series	Finish	Style	A	B	C	D	E	F
F32750	10	Black	Centered	8-32	.866	.434	.040	.094	.124
F32760	10	Black	Centered	10-32	.866	.434	.040	.094	.124
F3676S	10	Stainless	Offset	10-32	.240	.940	.440	.050	.100
F33820	10	Black	Centered	1/4-20	1.000	.440	.050	.090	.124
F3785Z	10	Bright	Centered	1/4-20	1.000	.440	.050	.090	.124
F1961ZM	10	Bright	Centered	M6x1.0	.936	.438	.050	.096	n/a
F3786Z	15	Bright	Centered	1/4-20	.810	.510	.050	.120	.125
F32860	15	Black	Centered	1/4-20	.810	.510	.050	.120	.125
F3686S	15	Stainless	Centered	1/4-20	.810	.510	.050	.120	.125
F32780	15	Black	Offset	5/16-18	.280	1.000	.640	.080	.140
F3778Z	15	Bright	Offset	5/16-18	.280	1.000	.640	.080	.140
F3678S	15	Stainless	Offset	5/16-18	.280	1.000	.640	.080	.140
F1963ZM	15/40	Bright	Offset	M6x1.0	.250	.810	.510	.050	.120
F1981ZM	15/40	Bright	Offset	M8x1.25	.280	1.000	.640	.080	.140
F19810M	15/40	Black	Offset	M8x1.25	7.14mm	24.9mm	16.2mm	2.03mm	5.64mm
F19615M	30	Bright	Offset	M6 x 1.0	5mm	20.6mm	13mm	1.27mm	4.44mm
F37890M	30	Bright	Centered	5/16-18	25.4mm	12.6mm	2.00mm	3.60mm	n/a
F37960M	30	Bright	Centered	M8 x 1.25	25.4mm	12.6mm	2.00mm	3.60mm	n/a

CENTER THREAD

OFFSET THREAD



## Double Economy T-Nuts

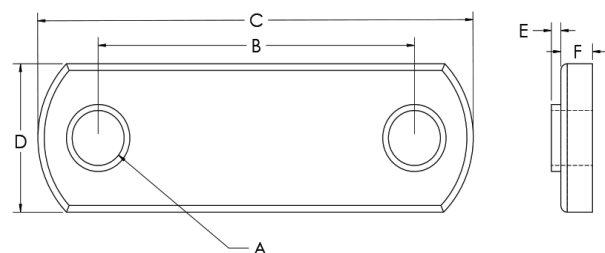
**F** = Fractional

**M** = Metric



- Economical
- High Strength
- Extrusion end loading only
- 10, 15, 30, & 40 Series
- More convenient than single economy T-Nut
- 1", 1.5", and 40mm center-lines make pre-assembly easy

Part #	Series	Finish	A	B	C	D	E	F
F32810	10	Black	8-32	1.000	1.375	.443	.030	.100
F32800	10	Black	1/4-20	1.000	1.869	.443	.030	.100
F32790	15	Black	5/16-18	1.500	2.810	.625	.030	.148
F1962ZM	10	Bright	M6x1.0	1.000	1.875	.443	.030	.100
F3879ZM	15	Bright	M8x1.25	1.500	3.000	.630	.030	.148
F1982ZM	40	Bright	M8 X 1.25	40mm	75mm	16.2mm	2.00mm	5.60mm



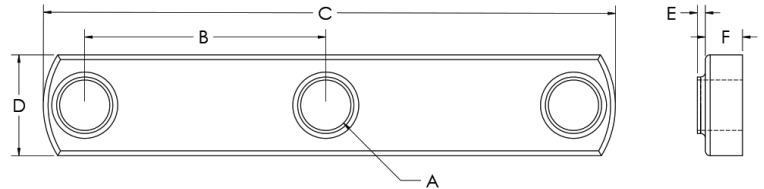
## Triple Economy T-Nuts

**F** = Fractional    **M** = Metric



- Economical
- High Strength
- Extrusion end loading only
- 10 & 15 Series

Part #	Series	Finish	A	B	C	D	E
<b>F32870</b>	10	Black	1/4-20	2.450	.225	1.000	.450
<b>F32850</b>	15	Black	5/16-18	3.562	.281	1.500	.450



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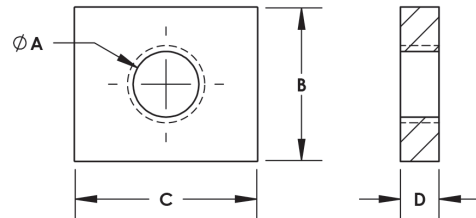
## Economy Slide-In T-Nuts

**F** = Fractional    **M** = Metric



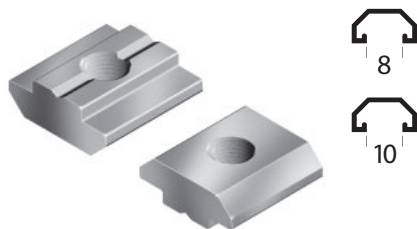
- Steel, zinc-plated
- Very Economical
- Loads only from end of profile
- Use in 45 series profile only

Part #	Series	Finish	Style	A	B	C	D
<b>F141260M</b>	45	Bright	Centered	M6	16.00	19.00	4.00
<b>F141270M</b>	45	Bright	Centered	M8	16.00	19.00	4.00
<b>F141280M</b>	45	Bright	Centered	M6	19.00	19.00	4.00
<b>F141290M</b>	45	Bright	Centered	M8	19.00	19.00	4.00
<b>F141300M</b>	45	Bright	Centered	M6	20.00	20.00	5.00
<b>F141310M</b>	45	Bright	Centered	M8	19.00	19.00	4.00



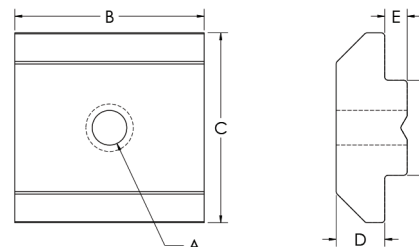
## Slide-In T-Nuts

**F** = Fractional    **M** = Metric



- Zinc-plated steel
- Self-aligning
- T-nut can be loaded from side of profile to the end
- Extra threads for strong connection
- 30 and 45 series

Part #	Series	Finish	Style	A	B	C	D	E	F
<b>F130220M</b>	30	Bright	Centered	M4	16.00	16.00	6.00	1.90	8.00
<b>F130230M</b>	30	Bright	Centered	M5	16.00	16.00	6.00	1.90	8.00
<b>F130240M</b>	30	Bright	Centered	M6	16.00	16.00	6.00	1.90	8.00
<b>F130250M</b>	30	Bright	Centered	M7	16.00	16.00	6.00	1.90	8.00
<b>F130460M</b>	45	Bright	Centered	M4	20.00	19.50	10.60	5.10	9.80
<b>F130470M</b>	45	Bright	Centered	M5	20.00	19.50	10.60	5.10	9.80
<b>F130480M</b>	45	Bright	Centered	M6	20.00	19.50	10.60	5.10	9.80
<b>F130490M</b>	45	Bright	Centered	M8	20.00	19.50	10.60	5.10	9.80



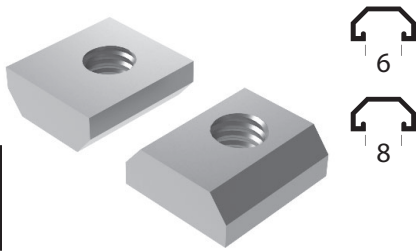


## Standard T-Nuts Offset

**F** = Fractional

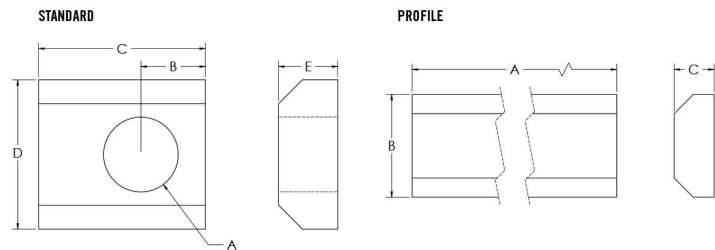
**M** = Metric

3



- High Strength
- Extra threads for strong connection
- 10, 15 and 40 Series
- Extrusion end loading only

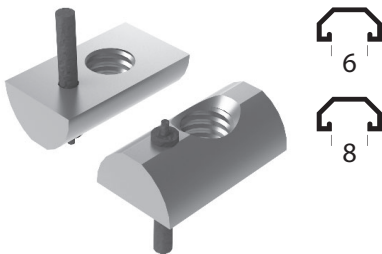
Part #	Series	Finish	Style	A	B	C	D	E
F32050	10	Black	Offset	10-32	.200	.477	.429	.167
F32040	10	Black	Offset	1/4-20	.230	.480	.429	.167
F1954ZM	10	Bright	Offset	M5x.8	.230	.480	.429	.167
F1964ZM	10	Bright	Offset	M6x1	.230	.480	.429	.167
F89010	10	Black	Custom	36" length	.624	.248	.431	.171
F3703Z	15	Bright	Offset	5/16-18	.270	.698	.624	.248
F1965ZM	15/40	Bright	Offset	M6x1	.270	.698	.624	.248
F1984ZM	15/40	Bright	Offset	M8x1.25	.270	.698	.624	.248
F32010	15	Black	Offset	10-32	.270	.698	.624	.248
F32020	15	Black	Offset	1/4-20	.270	.698	.624	.248
F32030	15	Black	Offset	5/16-18	.270	.698	.624	.248
F89000	15	Black	Custom	36" length	.624	.248	.624	.248



## Drop In T-Nuts With Rubber Handle

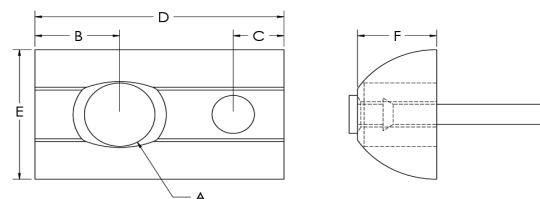
**F** = Fractional

**M** = Metric



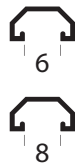
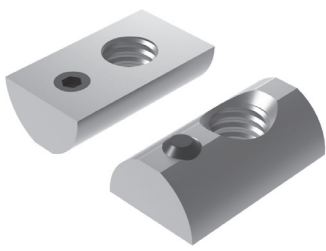
- High Strength
- 10, 15, and 40 Series
- Tapered bottom allows for easy loading and removal from extrusion slot
- Reduces assembly time
- Easy to add and reposition in T-Slot when ends are closed off
- Rubber nub holds T-Nut in vertical T-Slot

Part #	Series	Finish	Style	A	B	C	D	E	F
F33750	10	Black	Offset	10-32	.200	.100	.400	.630	.200
F3790Z	10	Bright	Offset	10-32	.200	.100	.400	.630	.200
F3791Z	10	Bright	Offset	1/4-20	.200	.100	.400	.630	.200
F33760	10	Black	Offset	1/4-20	.200	.100	.400	.630	.200
F1956ZM	10	Bright	Offset	M5x.8	.200	.100	.400	.630	.200
F1966ZM	10	Bright	Offset	M6x1.0	.200	.100	.400	.630	.200
F32840	15	Black	Offset	10-32	.300	.180	.510	.880	.280
F32830	15	Black	Offset	1/4-20	.300	.180	.510	.880	.280
F3783Z	15	Bright	Offset	1/4-20	.300	.180	.510	.880	.280
F1967ZM	15	Bright	Offset	M6x1.0	.300	.180	.510	.880	.280
F32820	15	Black	Offset	5/16-18	.300	.180	.510	.880	.280
F3782Z	15	Bright	Offset	5/16-18	.300	.180	.510	.880	.280
F1986ZM	15/40	Bright	Offset	M8x1.25	.300	.180	.510	.880	.280
F3602S	15	Stainless	Offset	1/4-20	.300	.180	.510	.880	.280



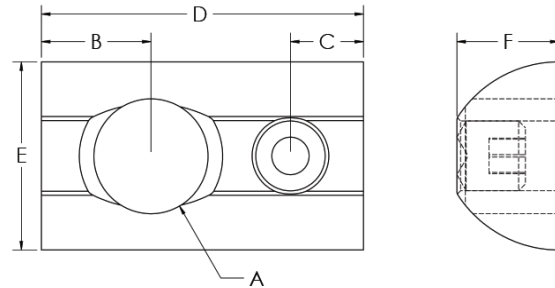
## Drop In T-Nuts With Set Screw

**F** = Fractional    **M** = Metric



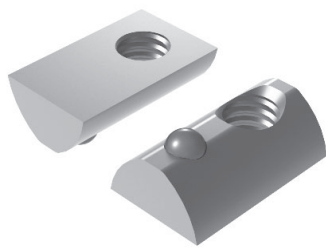
- High Strength
- Set screw holds T-Nut in vertical T-Slot
- Reduces assembly time
- Easy to add and reposition in T-Slot when ends are closed off
- 10, 15, and 40 Series
- Tapered bottom allows for easy loading and removal from extrusion slot

Part #	Series	Finish	Style	A	B	C	D	E	F	G
<b>F33120</b>	10	Black	Offset	10-32	10-32	.200	.120	.630	.400	.200
<b>F33130</b>	10	Black	Offset	1/4-20	10-32	.200	.120	.630	.400	.200
<b>F3605S</b>	15	Stainless	Offset	1/4-20	10-32	.300	.200	.880	.510	.280
<b>F33090</b>	15	Black	Offset	10-32	10-32	.300	.200	.880	.510	.280
<b>F3310Z</b>	15	Bright	Offset	1/4-20	10-32	.300	.200	.880	.510	.280
<b>F3311Z</b>	15	Bright	Offset	5/16-18	10-32	.300	.200	.880	.510	.280
<b>F3608S</b>	15	Stainless	Offset	5/16-18	10-32	.300	.200	.880	.510	.280
<b>F3787Z</b>	15	Bright	Offset	1/4-20	10-32	.300	.200	.880	.510	.280
<b>F1988ZM</b>	15/40	Bright	Offset	M8x1.25	M5x.8	.300	.200	.880	.510	.280
<b>F1968ZM</b>	15/40	Bright	Offset	M6x1.0	10-32	.300	.200	.880	.510	.280



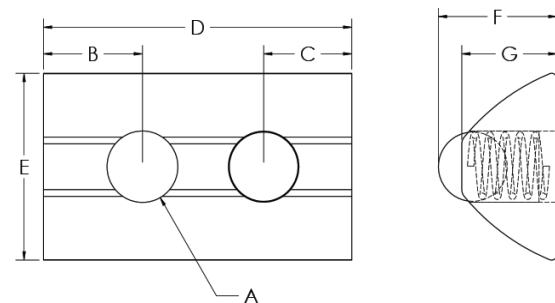
## Drop In T-Nuts With Ball Bearing

**F** = Fractional    **M** = Metric



- High Strength
- 10, 15, and 40 Series
- Tapered bottom allows for easy loading and removal from extrusion slot
- Reduces assembly time
- Easy to add and reposition in T-Slot when ends are closed off
- Ball bearing holds T-Nut in vertical T-Slot

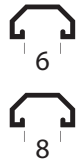
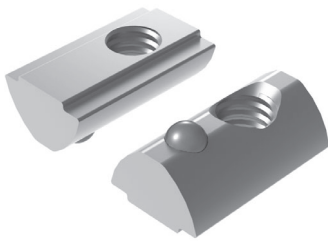
Part #	Series	Finish	Style	A	B	C	D	E	F	G
<b>F3911Z</b>	10	Bright	Offset	1/4-20	.190	.190	.630	.390	.250	.200
<b>F3918Z</b>	10	Bright	Offset	10-32	.190	.190	.630	.390	.250	.200
<b>F3920ZM</b>	10	Bright	Offset	M5x.8	.190	.190	.630	.390	.250	.200
<b>F3921ZM</b>	10	Bright	Offset	M6x1.0	.190	.190	.630	.390	.250	.200
<b>F3916Z</b>	15	Bright	Offset	1/4-20	.280	.250	.880	.520	.350	.270
<b>F3917Z</b>	15	Bright	Offset	5/16-18	.280	.250	.880	.520	.340	.270
<b>F3913ZM</b>	15/40	Bright	Offset	M5x.8	.280	.250	.880	.520	.330	.270
<b>F3914ZM</b>	15/40	Bright	Offset	M6x1.0	.190	.190	.630	.390	.250	.200
<b>F3915ZM</b>	15/40	Bright	Offset	M8x1.25	.280	.250	.880	.520	.330	.270



## Stepped Drop In T-Nut With Ball Bearing

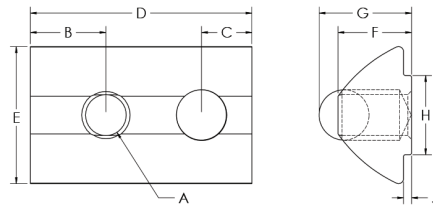
**F** = Fractional **M** = Metric

3



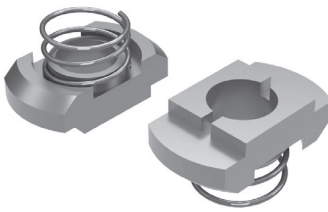
Part #	Series	Finish	Style	A	B	C	D	E	F	G	H	I
<b>F13037Z</b>	15	Bright	Offset	1/4-20	.300	.200	.870	.530	.290	.380	.290	.031
<b>F13039Z</b>	15	Bright	Offset	10-32	.300	.200	.870	.530	.290	.380	.290	.031
<b>F13040Z</b>	15	Bright	Offset	5/16-18	.300	.200	.870	.530	.290	.380	.290	.031
<b>F13028ZM</b>	15/40	Bright	Offset	M5	.300	.200	.870	.530	.290	.370	.290	.031
<b>F13031ZM</b>	15/40	Bright	Offset	M6	.300	.200	.870	.530	.290	.370	.290	.031
<b>F13034ZM</b>	15/40	Bright	Offset	M8	.300	.200	.870	.530	.290	.370	.290	.031

- Steel, Zinc plated
- Self aligning roll in T-nut with spring ball
- Extra threads for strong connection



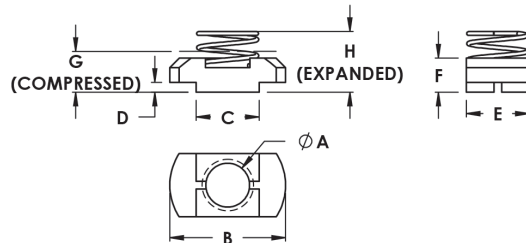
## Spring T-Nuts

**F** = Fractional **M** = Metric



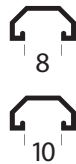
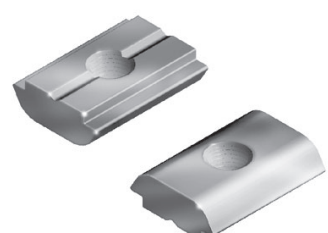
Part #	Series	Finish	A	B	C	D	E	F	G	H
<b>F131060M</b>	45	Bright	M4	18mm	9.8mm	1.5mm	9.8mm	5.3mm	6mm	12mm
<b>F131070M</b>	45	Bright	M5	18mm	9.8mm	1.5mm	9.8mm	5.3mm	6mm	12mm
<b>F131080M</b>	45	Bright	M6	18mm	9.8mm	1.5mm	9.8mm	5.3mm	6mm	12mm
<b>F131090M</b>	45	Bright	M8	18mm	9.8mm	1.5mm	9.8mm	5.3mm	6mm	12mm

- Steel, Zinc plated
- Loads from end of 45 series profile only
- Coil spring positions T-nut in the slot for easier assembly



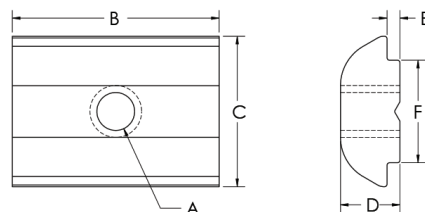
## Roll In T-Nuts

**F** = Fractional **M** = Metric



Part #	Series	Finish	Style	A	B	C	D	E	F
<b>F130880M</b>	30	Bright	Center	M4	16.00	11.60	4.60	1.00	7.90
<b>F130900M</b>	30	Bright	Center	M5	16.00	11.60	4.60	1.00	7.90
<b>F130920M</b>	30	Bright	Center	M6	16.00	11.60	4.60	1.00	7.90
<b>F130940M</b>	30	Bright	Center	M8	16.00	11.60	4.60	1.00	7.90
<b>F130460M</b>	45	Bright	Center	M4	19.00	18.00	7.50	1.50	10.00
<b>F130760M</b>	45	Bright	Center	M6	19.00	18.00	7.50	1.50	10.00
<b>F130770M</b>	45	Bright	Center	M8	19.00	18.00	7.50	1.50	10.00

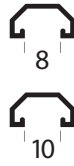
- Steel, Zinc plated
- Self-aligning
- T-nut can load from side of profile to the end
- 30 and 45 Series





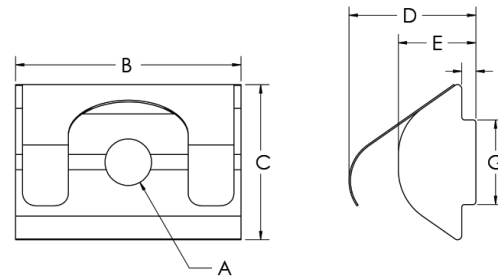
## Roll-In T-Nut With Spring Leaf

**F** = Fractional    **M** = Metric



Part #	Series	Finish	Style	A	B	C	D	E	F	G
F130890M	30	Bright	Center	M4	16.00	11.60	9.30	4.60	1.00	7.90
F130910M	30	Bright	Center	M5	16.00	11.60	9.30	4.60	1.00	7.90
F130930M	30	Bright	Center	M6	16.00	11.60	9.30	4.60	1.00	7.90
F130950M	30	Bright	Center	M8	16.00	11.60	9.30	4.60	1.00	7.90
F130590M	45	Bright	Center	M5	20.00	15.00	13.65	2.00	6.00	10.00
F130610M	45	Bright	Center	M6	20.00	15.00	13.65	2.00	6.00	10.00
F130630M	45	Bright	Center	M8	20.00	15.00	13.65	2.00	6.00	10.00

- Steel, Zinc plated
- Self-aligning
- T-nut can load from side of profile to the end
- 30 and 45 Series



3

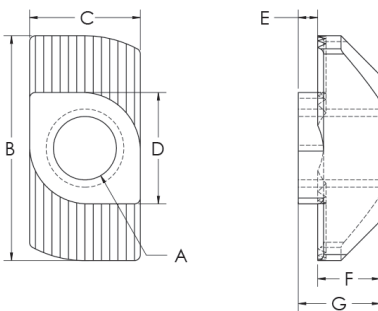
## Z-Nuts

**F** = Fractional    **M** = Metric



Part #	Series	Finish	Style	A	B	C	D	E	F	G
F14162S	10	Stainless	Center	10-32	11.5mm	5.7mm	5.7mm	1mm	3.2mm	4.2mm
F14164ZM	10	Bright	Center	M4	11.5mm	5.8mm	5.7mm	1mm	3.2mm	4.2mm
F14166SM	10	Stainless	Center	M4	11.5mm	5.7mm	5.7mm	1mm	3.2mm	4.2mm
F3932Z	15/40	Bright	Center	10-32	.620	.305	.308	.059	.180	.239
F3933Z	15/40	Bright	Center	1/4-20	.620	.305	.308	.059	.180	.239
F13114ZM	15/40	Bright	Center	M4	16mm	7.9mm	7.9mm	3mm	4.7mm	7.7mm
F13116ZM	15/40	Bright	Center	M5	16mm	7.9mm	7.9mm	3mm	4.7mm	7.7mm
F13119ZM	15/40	Bright	Center	M6	16mm	7.9mm	7.9mm	3mm	4.7mm	7.7mm
F131130M	30	Bright	Center	M4	16mm	8mm	8mm	1.5mm	4.5mm	6mm
F131150M	30	Bright	Center	M5	16mm	8mm	8mm	1.5mm	4.5mm	6mm
F131170M	30	Bright	Center	M6	16mm	8mm	8mm	1.5mm	4.5mm	6mm
F131120M	30	Bright	Center	10-32	16mm	8mm	7.8mm	1.7mm	4.7mm	6.4mm
F131100M	30	Bright	Center	1/4-20	16mm	8mm	8mm	1.5mm	4.5mm	6mm
F131230M	45	Bright	Center	M4	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131270M	45	Bright	Center	M5	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131290M	45	Bright	Center	M6	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131320M	45	Bright	Center	M8	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131220M	45	Bright	Center	10-32	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131200M	45	Bright	Center	1/4-20	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm
F131240M	45	Bright	Center	5/16-18	19.6mm	9.8mm	9.9mm	3mm	5.5mm	8.5mm

- Steel, Zinc plated
- Loads by dropping into T-slot and rotating



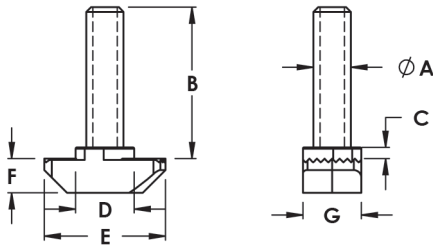
## Drop-In T-Slot Studs

**F** = Fractional    **M** = Metric

3



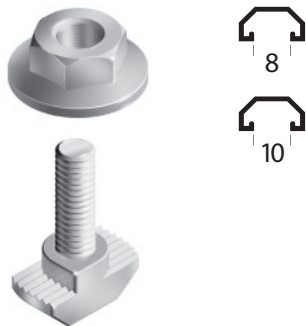
- Steel, Zinc plated
- Loads from side or end of profile.
- 15, 30, 40, and 45 series



Part #	Description	A	B	C	D	E	F	G
<b>F13144ZM</b>	15/40 Series Drop In T-Slot Stud	M6	20.00	3.00	7.75	15.75	4.50	7.80
<b>F13145ZM</b>	15/40 Series Drop In T-Slot Stud	M6	25.00	3.00	7.75	15.75	4.50	7.80
<b>F13146ZM</b>	15/40 Series Drop In T-Slot Stud	M6	30.00	3.00	7.75	15.75	4.50	7.80
<b>F13147ZM</b>	15/40 Series Drop In T-Slot Stud	M6	40.00	3.00	7.75	15.75	4.50	7.80
<b>F13148ZM</b>	15/40 Series Drop In T-Slot Stud	M6	60.00	3.00	7.75	15.75	4.50	7.80
<b>F131340M</b>	30 Series Drop-in T-stud	M6	20.00	1.50	7.70	16.00	4.50	7.70
<b>F131360M</b>	30 Series Drop-in T-stud	M6	25.00	1.50	7.70	16.00	4.50	7.70
<b>F131380M</b>	30 Series Drop-in T-stud	M6	30.00	1.50	7.70	16.00	4.50	7.70
<b>F131400M</b>	30 Series Drop-in T-stud	M6	40.00	1.50	7.70	16.00	4.50	7.70
<b>F131420M</b>	30 Series Drop-in T-stud	M6	60.00	1.50	7.70	16.00	4.50	7.70
<b>F131590M</b>	45 Series Drop-in T-stud	M6	20.00	3.00	9.70	19.00	5.80	9.70
<b>F131610M</b>	45 Series Drop-in T-stud	M6	25.00	3.00	9.70	19.00	5.80	9.70
<b>F131630M</b>	45 Series Drop-in T-stud	M6	30.00	3.00	9.70	19.00	5.80	9.70
<b>F131650M</b>	45 Series Drop-in T-stud	M6	40.00	3.00	9.70	19.00	5.80	9.70
<b>F131670M</b>	45 Series Drop-in T-stud	M6	60.00	3.00	9.70	19.00	5.80	9.70
<b>F131690M</b>	45 Series Drop-in T-stud	M8	20.00	3.00	9.70	19.00	5.80	9.70
<b>F131710M</b>	45 Series Drop-in T-stud	M8	25.00	3.00	9.70	19.00	5.80	9.70
<b>F131730M</b>	45 Series Drop-in T-stud	M8	30.00	3.00	9.70	19.00	5.80	9.70
<b>F131750M</b>	45 Series Drop-in T-stud	M8	40.00	3.00	9.70	19.00	5.80	9.70
<b>F131770M</b>	45 Series Drop-in T-stud	M6	60.00	3.00	9.70	19.00	5.80	9.70

## Drop-In T-Stud With Flanged Hex Nut

**F** = Fractional    **M** = Metric



- Steel, Zinc plated
- Loads from side of profile.
- Good for connecting corner brackets and joining plates to profile.
- 30 and 45 series

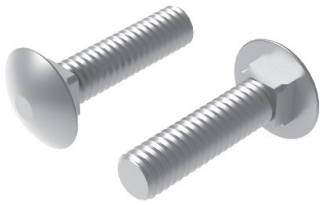
Part #	Series	Finish	A	B	C	D	E	F	G
<b>FC36330M</b>	30	Bright	M6	20.00	16.00	7.70	4.50	7.70	3.00
<b>FC36365M</b>	30	Bright	M6	25.00	16.00	7.70	4.50	7.70	3.00
<b>FC36370M</b>	30	Bright	M6	30.00	16.00	7.70	4.50	7.70	3.00
<b>FC36320M</b>	45	Bright	M8	20.00	19.00	9.70	5.70	9.70	3.00
<b>FC36350M</b>	45	Bright	M8	25.00	19.00	9.70	5.70	9.70	3.00
<b>FC36386M</b>	45	Bright	M8	30.00	19.00	9.70	5.70	9.70	3.00

\*\*Hex Nut Part Number\*\*

F14156ZM For 30 Series Drop-in T-stud M6

## Economy T-Slot Studs

**F** = Fractional    **M** = Metric



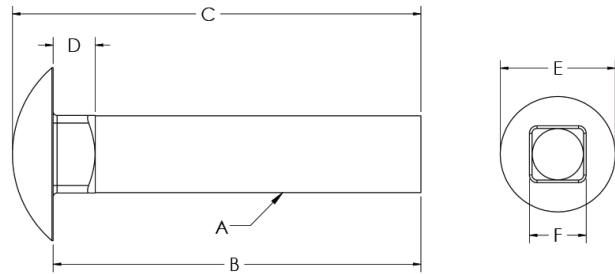
- Extrusion end loading only

Part #	Series	Finish	A	B	C	D	E	F
<b>F3116Z</b>	15	Bright	5/16-18 x 3/4"	.750	.916	.172	.704	.316
<b>F31200</b>	15	Bright	5/16-18 x 1"	1.00	1.166	.172	.704	.316
<b>F31260</b>	15	Bright	5/16-18 x 1 1/4"	1.25	1.416	.172	.704	.316
<b>F31340</b>	15	Bright	5/16-18 x 1 1/2"	1.50	1.666	.172	.704	.316
<b>F32880</b>	15	Bright	5/16-18 x 1 3/4"	1.75	1.916	.172	.704	.316
<b>F3616S</b>	15	Stainless	5/16-18 x 3/4"	.75	.916	.172	.704	.316
<b>F3623S</b>	15	Stainless	5/16-18 x 1"	1.00	1.166	.172	.704	.316

**3**

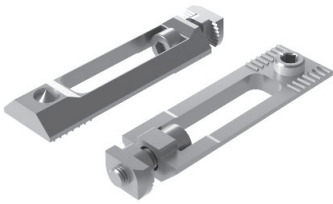
### ASSEMBLIES

Item #	Description
<b>FC33250</b>	5/16-18 x 3/4" Economy T-Slot Studs w/ Washer and Hex Nut



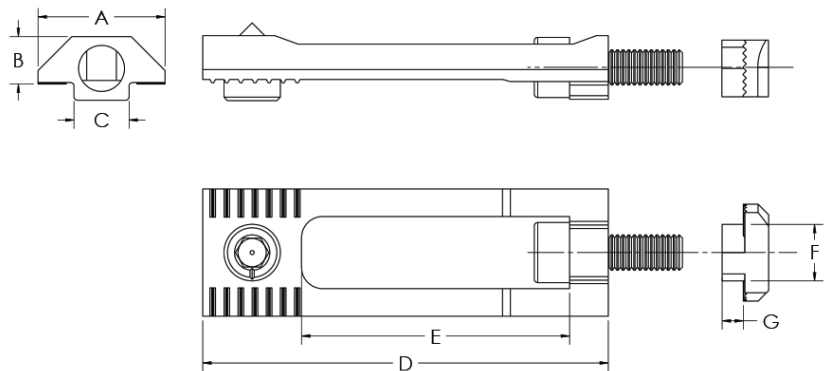
## Milling Connector

**F** = Fractional    **M** = Metric



- For fast connection of two t-slot profiles
- Steel, Zinc plated

Part #	Series	Finish	A	B	C	D	E	F
<b>F5815Z</b>	15	Zinc	.709	.264	.307	2.264	1.496	.315

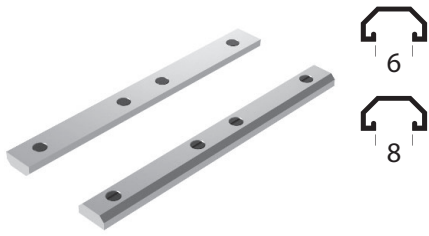




## Connector Link

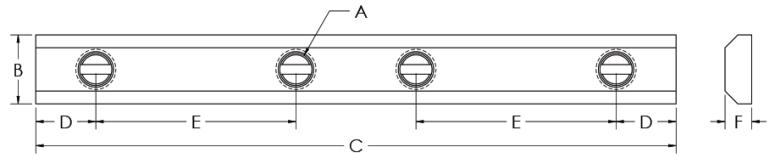
**F** = Fractional    **M** = Metric

3



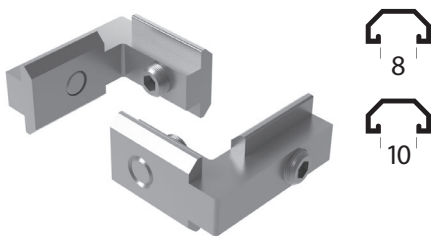
- Fastening link to connect similar series profiles together

Part #	Series	Style	A	B	C	D	E	F
<b>F32049</b>	10	4"	1/4-20	.130	4.00	.380	1.25	1.70
<b>F32039</b>	15	6"	5/16-18	.620	6.00	.500	2.00	.250



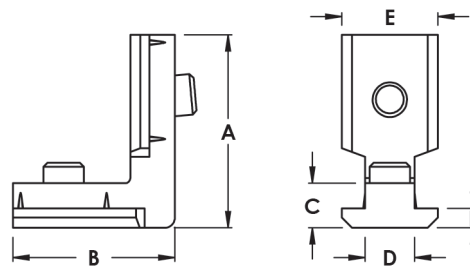
## Inside/Outside & Inside/Inside Brackets

**F** = Fractional    **M** = Metric



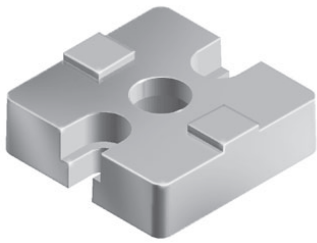
- Die-Cast
- Clean appearance
- No machining other than cut to length
- Set screw installation, set screws included
- 30 and 45 Series

Part #	Series	Style	A	B	C	D	E	F
<b>F129005</b>	15/30/40	Inside to Outside	30mm	21mm	7.8mm	8mm	15.8mm	6mm
<b>F129015</b>	15/30/40	Inside to Inside	30mm	21mm	7.8mm	8mm	15.8mm	6mm
<b>F129026</b>	45	Inside to Outside	38mm	32mm	8.8mm	10mm	19mm	3.8mm
<b>F129036</b>	45	Inside to Inside	38mm	32mm	8.8mm	10mm	19mm	3.8mm



## Plate Connector

**F** = Fractional **M** = Metric



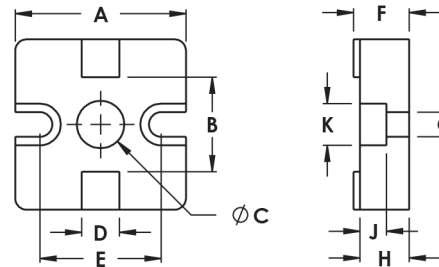
Part #	Series	Finish	A	B	C	D	E	F	G	H	J	K
<b>F141370M</b>	45	Zinc	45mm	24.5mm	13mm	10mm	32mm	14.7mm	6.5mm	13mm	7mm	11mm



- Die cast zinc
- Requires tapping end of profile
- Allow for plate thickness (13mm) when dimensioning frame
- End cap is required of M12
- 45 Series

### Recommended Bolt Assembly

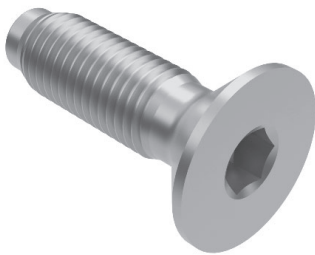
Part #	Description	Qty
<b>F130040M</b>	M12 x 30mm screw, torx - Need to tap center of profile	1
<b>F651650M</b>	M6 x 16mm SHCS	2
<b>F131290M</b>	M6 Drop-In T-Nut	2



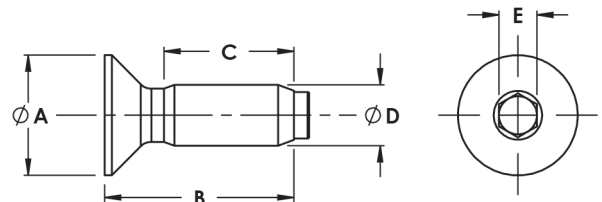
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## Self Forming Countersink Screw

**F** = Fractional **M** = Metric



Part #	Series	Style	A	B	C	D	E
<b>F130012M</b>	30	Steel Countersink Screw	12mm	16mm	11mm	S7 x 16	4mm
<b>F130022M</b>	45	Steel Countersink Screw	15.8mm	25mm	20mm	S8 x 25	5mm

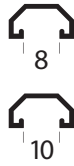
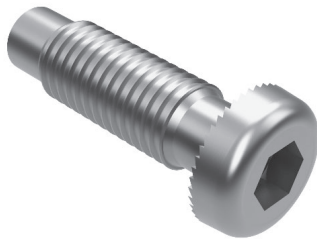


- For all mounting to the front of the aluminum profile
- Detachable and reusable
- Designed for strength

## Self Tapping Screw

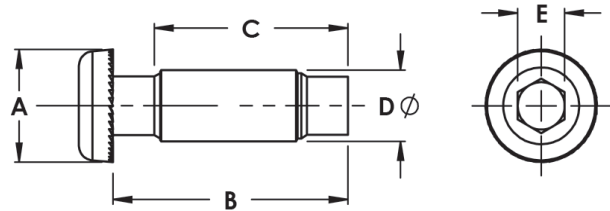
**F** = Fractional    **M** = Metric

3



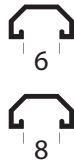
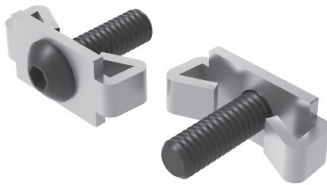
Part #	Series	Style	A	B	C	D	E
F12995ZMPP	10	Zinc Plated Steel Screw	8.5mm	16mm	10.8mm	S5	3mm
F12996ZMPP	30	Zinc Plated Steel Screw	13.8mm	25mm	19.5mm	S7	5mm
F12997ZMPP	40	Zinc Plated Steel Screw	13.8mm	40mm	34.5mm	S7	5mm
F12998ZMPP	45	Zinc Plated Steel Screw	19mm	40mm	26mm	S12	8mm

- To connect two aluminum profiles
- No thread cutter necessary.



## End Fasteners

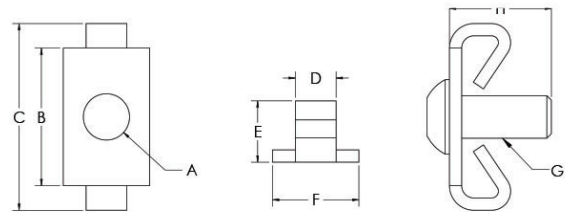
**F** = Fractional    **M** = Metric



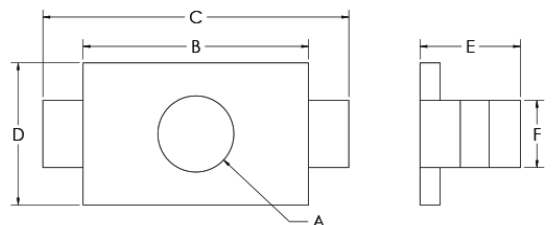
Part #	Series	Finish	A	B	C	D	E	F	G	H
FC33810	10	Black	.280	.630	.890	.250	.340	.430	1/4-20	.750
FC3682S	10	Bright	.280	.630	.890	.250	.340	.430	1/4-20	.750
FC38950M	10	Bright	.280	.630	.890	.250	.340	.430	M6x1.0	.790
F3681Z	10	Bright	.257	.625	.937	.240	.293	.431	n/a	n/a
F33780	10	Black	.257	.625	.937	.240	.293	.431	n/a	n/a
FC33800	15/40	Black	.340	1.00	1.30	.300	.450	.625	5/16-18	1.00
FC3680S	15/40	Bright	.340	1.00	1.30	.300	.450	.625	5/16-18	1.00
FC38910M	15/40	Bright	.340	1.00	1.30	.300	.450	.625	M8x1.25	.984
F3679Z	15/40	Bright	.340	1.00	1.30	.300	.450	.625	n/a	n/a
F33790	15/40	Black	.340	1.00	1.30	.300	.450	.625	n/a	n/a

- Mating extrusions glide over end fastener
- Provides a hidden fastener when connecting extrusions at 90 degrees
- Tapping service required in the extrusion base end and access hole in the mating extrusion
- 10, 15, and 40 Series
- Prevents mating extrusion from rotating

### WITH BOLT



### WITHOUT BOLT

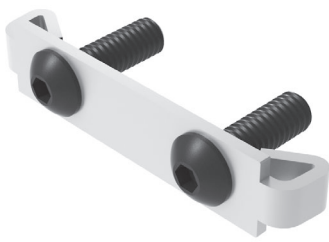




## Double End Fasteners

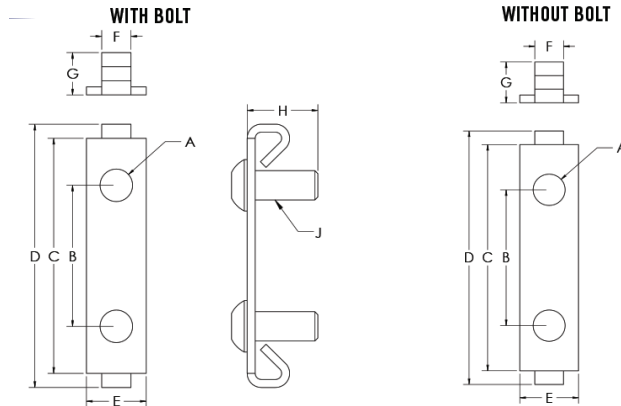
**F** = Fractional

**M** = Metric



- 10 and 15 Series
- Provides a hidden fastener when connecting extrusions at 90 degrees
- Mating extrusions glide over end fastener
- Tapping service required in the extrusion base end and access hole in the mating extrusion
- Prevents mating extrusion from rotating

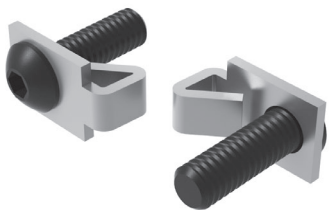
Part #	Series	Finish	A	B	C	D	E	F	G	H	J
<b>FC33430</b>	10	Black	.280	1.00	1.63	1.88	.430	.250	.340	.750	1/4-20
<b>FC3792S</b>	10	Bright	.280	1.00	1.63	1.88	.430	.250	.340	.750	1/4-20
<b>FC39010M</b>	10	Bright	.280	1.00	1.63	1.88	.430	.250	.340	.790	M6x1.0
<b>F3794Z</b>	10	Bright	.280	1.00	1.63	1.88	.430	.340	.250	n/a	n/a
<b>F33510</b>	10	Black	.280	1.00	1.63	1.88	.430	.340	.250	n/a	n/a
<b>FC33440</b>	15	Black	.350	1.50	2.50	2.80	.640	.310	.450	.750	5/16-18
<b>FC3793S</b>	15	Bright	.350	1.50	2.50	2.80	.640	.310	.450	.750	5/16-18
<b>FC39020M</b>	15	Bright	.350	1.50	2.50	2.80	.640	.310	.450	.980	M8x1.25
<b>F3795Z</b>	15	Bright	.350	1.50	2.50	2.80	.640	.450	.310	n/a	n/a
<b>F33520</b>	15	Black	.350	1.50	2.50	2.80	.640	.450	.310	n/a	n/a



## Single Tab End Fastener

**F** = Fractional

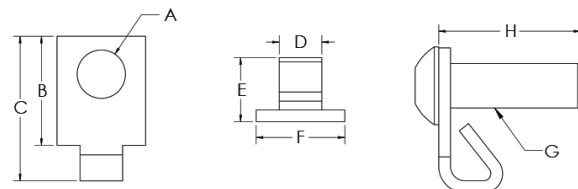
**M** = Metric



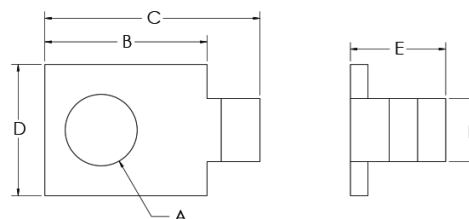
- 15 and 40 Series
- Allows for panels to mate in slots without having to notch panels
- Provides hidden fastener when connecting extrusions at 90°
- Mating extrusions glide over end fastener
- Tapping service required in the extrusion base end and access hole in the mating extrusions

Part #	Series	Finish	A	B	C	D	E	F	G	H
<b>F31830</b>	10	Black	.275	.489	.645	.240	.293	.431	n/a	n/a
<b>FC33830</b>	10	Black	.275	.489	.645	.240	.293	.431	1/4-20	.750
<b>F31890</b>	15/40	Black	.340	.770	1.020	.300	.450	.620	n/a	n/a
<b>FC33890</b>	15	Black	.340	.770	1.020	.300	.450	.620	5/16-18	1.00
<b>FC33890M</b>	40	Bright	8.9mm	19mm	23mm	7.6mm	11mm	15mm	M8 x 20mm	25mm

WITH BOLT



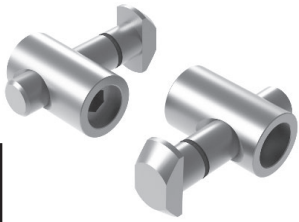
WITHOUT BOLT



## Central Connector

**F** = Fractional **M** = Metric

3



Part #	Series	Finish	Style	A	B	C	D	E	F	G	H	J
F140125M	30	Bright	Vertical	45mm	32mm	9.6mm	16mm	11mm	9.6mm	5.4mm	18mm	28mm
F140135M	30	Bright	Horizontal	45mm	32mm	9.6mm	16mm	11mm	19mm	5.4mm	18mm	28mm
F140120M	45	Bright	Vertical	45mm	32mm	9.6mm	16mm	11mm	9.6mm	5.4mm	18mm	28mm
F140130M	45	Bright	Horizontal	45mm	32mm	9.6mm	16mm	11mm	19mm	5.4mm	18mm	28mm

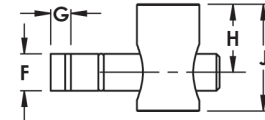
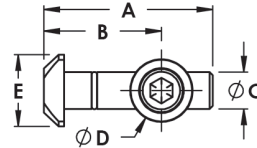
- Steel, Zinc plated
- To connect two profiles a hole must be drilled through one profile



8

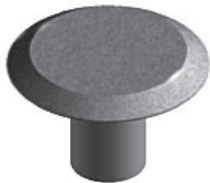


10



## Cover Cap For Central Connector

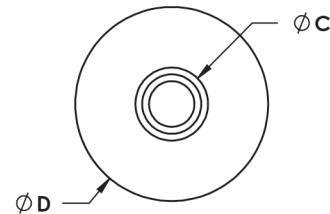
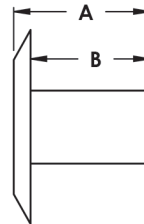
**F** = Fractional **M** = Metric



10

- Covers the bore of the central connector
- Press fit. Use a soft faced mallet.

Part #	Series	Finish	Material	A	B	C	D
F130010M	45	Black	Nylon	12mm	10.5mm	6.4mm	17mm



## Universal Connector

**F** = Fractional **M** = Metric

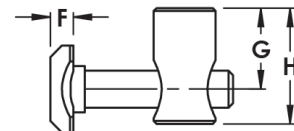
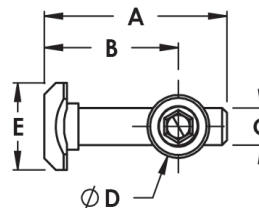


8

- A Universal T-Slot Connector used to connect t-slotted framing without the need for extra machining.

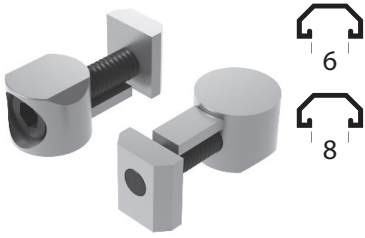
- 15, 30 and 45 Series

Part #	Series	Finish	A	B	C	D	E	F	G	H
F31609	15, 30, 40	Bright	1.26	.925	.252	.428	.591	.157	.551	.787



## Anchor Fasteners

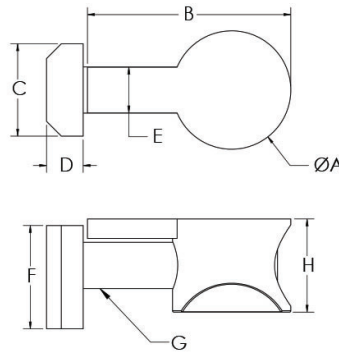
**F** = Fractional    **M** = Metric



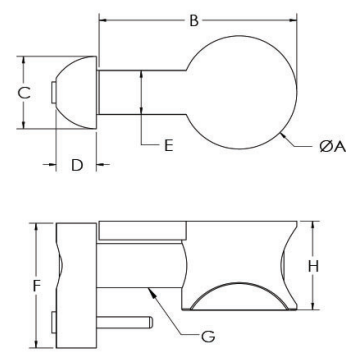
- Strongest of available fasteners
- Creates 90 degree T-Slot connections
- 10, 15, 30 & 40 Series

Part #	Series	Finish	A	B	C	D	E	F	G	H
<b>FC33950</b>	10	Bright	.560	.730	.429	.167	.250	.477	10-32 x 3/4	.410
<b>F33960</b>	10	Bright	.560	.730	n/a	n/a	.250	n/a	n/a	.410
<b>FC33630</b>	10	Bright	.560	.730	.400	.200	.250	.630	10-32 x 3/4	.410
<b>FC33600</b>	15	Bright	.773	1.322	.624	.250	.310	.700	5/16-18 x 1.25	.630
<b>FC33620</b>	15	Bright	.773	1.322	.510	.280	.310	.880	5/16-18 x 1.25	.630
<b>FC3660S</b>	15	Bright	.773	1.322	.624	.250	.310	.700	5/16-18 x 1.25	.630
<b>FC38970M</b>	15/40	Bright	.773	1.322	.624	.250	.310	.700	M8 x 30mm	.630
<b>F33610</b>	15/40	Bright	.773	1.322	n/a	n/a	.310	n/a	n/a	.630
<b>FC131850M</b>	30	Bright	15.7mm	25mm	n/a	n/a	.310	n/a	n/a	12.5mm
<b>FC131860M</b>	30	Bright	15.7mm	25mm	13mm	3.3mm	8mm	20.6mm	M6 x 20mm	12.5mm

STANDARD TNUT

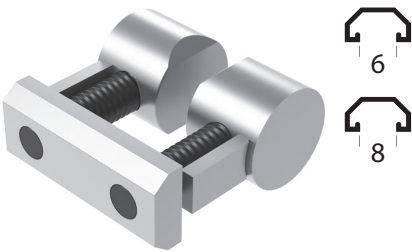


DROP-IN TNUT



## Double Anchor Fasteners

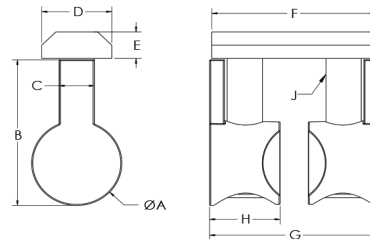
**F** = Fractional    **M** = Metric



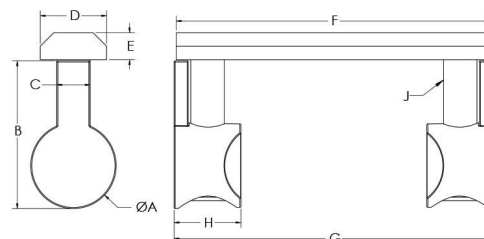
- Strongest of available fasteners
- Creates 90 degree T-Slot connections
- 10 and 15 Series
- Reduces assembly time when mating extrusions have opposing anchor fastener counterbores

Part #	Series	Finish	A	B	C	D	E	F	G	H	J
<b>FC30900</b>	10	Bright	.560	.730	.250	.436	.177	.950	.989	.410	10-32 x 3/4
<b>FC30920</b>	10	Bright	.560	.730	.250	.440	.180	1.970	1.975	.410	10-32 x 3/4
<b>FC30980</b>	15	Bright	.773	1.380	.310	.630	.250	1.450	1.500	.630	5/16-18 x 1.25
<b>FC30990</b>	15	Bright	.773	1.380	.310	.620	.250	2.950	2.989	.630	5/16-18 x 1.25

SHORT



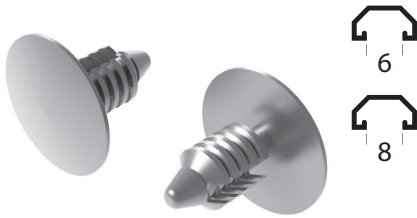
LONG



## Push In Fasteners

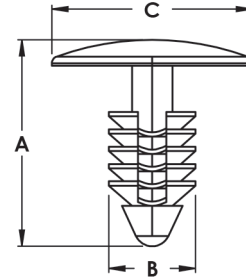
**F** = Fractional    **M** = Metric

3



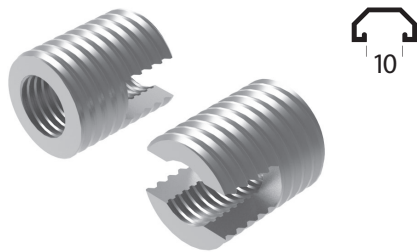
- Pushes into center holes of 10, 15, and 40 Series
- Used to fasten End Caps onto extrusions

Part #	Series	Finish	Material	A	B	C
<b>F32720</b>	10	Black	Plastic	.555	.240	.400
<b>F32740</b>	15/40	Black	Plastic	.643	.300	.700



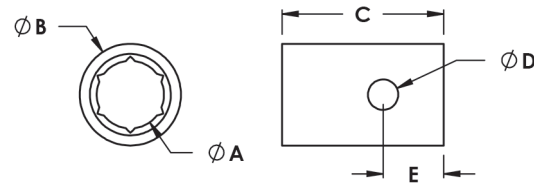
## Threaded Insert

**F** = Fractional    **M** = Metric



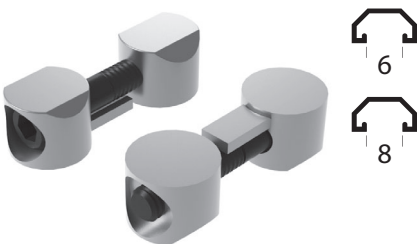
- Zinc-plated steel
- Reduces profile end hole M10 to M8 thread

Part #	Series	Finish	A	B	C	D	E
<b>F141960M</b>	45	Bright	M8 x 1.25	M10 x 1.5	16mm	3.1mm	6mm



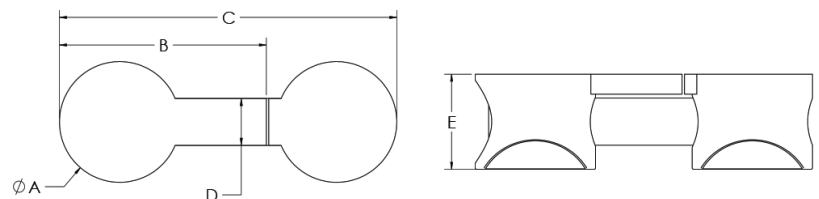
## Butt Fasteners

**F** = Fractional    **M** = Metric



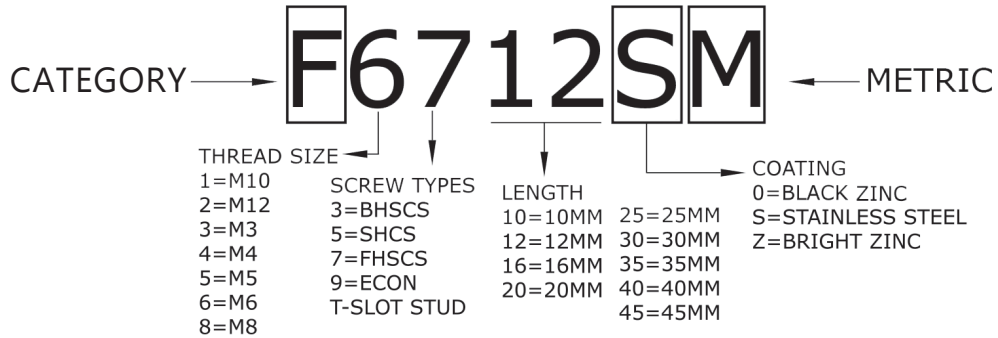
- 10, 15, and 40 Series
- Allows you to butt two extrusions end to end for maximum strength and alignment

Part #	Series	Finish	A	B	C	D	E
<b>FC33690</b>	10	Bright	.560	.730	1.370	.250	.410
<b>FC33700</b>	15/40	Bright	.787	1.380	2.240	.310	.630





# Screws & Bolts



\* This Naming Convention Applies to Metric Screws and Bolts Only

3

## Button Head Socket Cap Screws

**F** = Fractional    **M** = Metric



Part #	Description
F30240	8-32 x 1/2" BHSCS
F30320	8-32 x 7/8" BHSCS
F30420	10-32 x 3/8" BHSCS
F30500	10-32 x 1/2" BHSCS
F30510	10-32 x 5/8" BHSCS
F30540	10-32 x 3/4" BHSCS
F3694S	SS 10-32 x 3/8" BHSCS
F3696S	SS 10-32 x 1/2" BHSCS
F3698S	SS 10-32 x 5/8" BHSCS
F30590	1/4-20 x 3/8" BHSCS
F30610	1/4-20 x 1/2" BHSCS
F30630	1/4-20 x 5/8" BHSCS
F30650	1/4-20 x 3/4" BHSCS
F3688S	SS 1/4-20 x 3/8" BHSCS
F3690S	SS 1/4-20 x 1/2" BHSCS
F3663S	SS 1/4-20 x 5/8" BHSCS
F3692S	SS 1/4-20 x 3/4" BHSCS
F31040	5/16-18 x 1/2" BHSCS

Part #	Description
F31110	5/16-18 x 5/8" BHSCS
F31140	5/16-18 x 3/4" BHSCS
F31170	5/16-18 x 7/8" BHSCS
F31180	5/16-18 x 1" BHSCS
F3609S	SS 5/16-18 x 1/2" BHSCS
F3611S	SS 5/16-18 x 5/8" BHSCS
F3614S	SS 5/16-18 x 3/4" BHSCS
F3617S	SS 5/16-18 x 7/8" BHSCS
F3621S	SS 5/16-18 x 1" BHSCS
F63120M	M6 x 12mm BHSCS
F63160M	M6 x 16mm BHSCS
F63200M	M6 x 20mm BHSCS
F6320ZM	M6 x 20mm BHSCS Bright Zinc
F63250M	M6 x 25mm BHSCS
F83120M	M8 x 12mm BHSCS
F83160M	M8 x 16mm BHSCS
F83200M	M8 x 20mm BHSCS
F83250M	M8 x 25mm BHSCS

### 10 Series

Part #	Description
FC34830	8-32 x 3/8" BHSCS & Economy T-Nut
FC34890	8-32 x 1/2" BHSCS w/ Washer & Hex Nut
FC34870	10-32 x 1/2" BHSCS w/ Washer & Standard T-Nut
FC33980	1/4-20 x 1/2" BHSCS w/ Washer & Economy T-Nut
FC33990	1/4-20 x 1/2" BHSCS w/ Washer & Drop-In T-Nut
FC34820	1/4-20 x 5/8" BHSCS w/ Washer & Economy T-Nut
FC34840	1/4-20 x 5/8" BHSCS w/ Washer & Drop-In T-Nut
FC33670	1/4-20 x 5/8" BHSCS w/ Washer
FC34690	1/4-20 x 3/4" BHSCS w/ Washer & Hex Nut
FC33930	1/4-20 x 1/2" BHSCS & Economy T-Nut
FC33940	1/4-20 x 1/2" BHSCS & Drop-In T-Nut
FC3647S	SS 1/4-20 x 5/8" BHSCS w/ Washer & Economy T-Nut
FC33710	1/4-20 x 3/4" BHSCS & Economy T-Nut
FC33720	1/4-20 x 3/4" BHSCS w/ Washer & Drop-In T-Nut
FC38490M	M6 x 12mm SHCS & Standard T-Nut
FC38330M	M6 x 12mm SHCS & Drop-In T-Nut

### 15/40 Series

Part #	Description
FC34350	5/16-18 x 5/8" BHSCS w/ Washer & Economy T-Nut
FC34370	5/16-18 x 5/8" BHSCS w/ Washer & Drop-In T-Nut
FC33650	5/16-18 x 5/8" BHSCS & Economy T-Nut
FC34390	5/16-18 x 3/4" BHSCS w/ Washer & Economy T-Nut
FC34410	5/16-18 x 3/4" BHSCS w/ Washer & Drop-In T-Nut
FC34420	5/16-18 x 3/4" BHSCS w/ Washer & Hex T-Nut
FC33660	5/16-18 x 3/4" BHSCS w/ Washer
FC34430	5/16-18 x 1" BHSCS w/ Washer & Economy T-Nut
FC3630S	SS 5/16-18 x 3/4" BHSCS w/ Washer & Econ T-Nut
FC3620S	SS 5/16-18 x 5/8" BHSCS w/ Washer & Econ T-Nut
FC3632S	SS 5/16-18 x 1" BHSCS w/ Washer & Economy T-Nut
FC3634S	SS 5/16-18 x 1/2" SHCS & Economy T-Nut
FC3636S	SS 5/16-18 x 5/8" SHCS & Economy T-Nut
FC3638S	SS 5/16-18 x 7/8" SHCS & Economy T-Nut
FC3640S	SS 5/16-18 x 3/4" SHCS w/ Washer & Econ T-Nut
FC3642S	SS 5/16-18 x 1" SHCS w/ Washer & Econ T-Nut
FC3699S	SS 5/16-18 x 5/8" SHCS w/ Washer & Econ T-Nut

## Button Head Socket Cap Screws (Continued)

**F** = Fractional    **M** = Metric

3

### Stainless Steel

Part #	Description
F5310SMS	Stainless Steel 10mm M5 BHSCS
F5312SM	Stainless Steel 12mm M5 BHSCS
F5316SM	Stainless Steel 16mm M5 BHSCS
F6310SM	Stainless Steel 10mm M6 BHSCS
F6312SM	Stainless Steel 12mm M6 BHSCS
F6316SM	Stainless Steel 16mm M6 BHSCS
F6320SM	Stainless Steel 20mm M6 BHSCS
F8312SM	Stainless Steel 12mm M8 BHSCS
F8316SM	Stainless Steel 16mm M8 BHSCS
F8320SM	Stainless Steel 20mm M8 BHSCS
F8325SM	Stainless Steel 25mm M8 BHSCS

### Bright Zinc

Part #	Description
F6312ZM	Bright Zinc 12mm M6 BHSCS
F6316ZM	Bright Zinc 16mm M6 BHSCS
F6320ZM	Bright Zinc 20mm M6 BHSCS
F6325ZM	Bright Zinc 25mm M6 BHSCS
F8312ZM	Bright Zinc 12mm M8 BHSCS
F8316ZM	Bright Zinc 16mm M8 BHSCS
F8320ZM	Bright Zinc 20mm M8 BHSCS
F8325ZM	Bright Zinc 25mm M8 BHSCS

### Black Zinc

Part #	Description
F53080M	Black Zinc M5 8mm BHSCS
F53140M	Black Zinc M5 14mm BHSCS
F63140M	Black Zinc M6 14mm BHSCS
F63180M	Black Zinc M6 18mm BHSCS
F83180M	Black Zinc M8 18mm BHSCS
F83250M	Black Zinc M8 25mm BHSCS

## Flanged Button Head Socket Cap Screws & Assemblies

**F** = Fractional    **M** = Metric



10 Series 

Part #	Description
FC30040	1/4-20 x 3/4" FBHSCS w/ Washer & Hex Nut
FC33860	1/4-20 x 3/8" FBHSCS w/ Economy T-Nut
FC34800	1/4-20 x 3/8" FBHSCS w/ Drop-In T-Nut
FC33210	1/4-20 x 1/2" FBHSCS w/ Economy T-Nut
FC34810	1/4-20 x 1/2" FBHSCS w/ Drop-In T-Nut
FC33840	1/4-20 x 3/4" FBHSCS w/ Economy T-Nut
FC34850	1/4-20 x 3/4" FBHSCS w/ Drop-In T-Nut
FC33560	1/4-20 x 1/2" FBHSCS w/ Double Economy T-Nut
FC33580	1/4-20 x 1/2" FBHSCS w/ Triple Economy T-Nut

15 Series 

Part #	Description
F33900	1/4-20 x 3/8" Flanged BHSCS
F33420	1/4-20 x 1/2" Flanged BHSCS
F30660	1/4-20 x 3/4" Flanged BHSCS

Part #	Description
FC33180	5/16-18 x 1/2" FBHSCS w/ Drop-In T-Nut
FC33190	5/16-18 x 1/2" FBHSCS w/ Economy T-Nut
FC33200	5/16-18 x 11/16" FBHSCS w/ Economy T-Nut
FC33230	5/16-18 x 11/16" FBHSCS w/ Drop-In T-Nut
FC34630	5/16-18 x 5/8" FBHSCS w/ Washer & Hex Nut
FC33550	5/16-18 x 5/8" FBHSCS w/ Double Economy T-Nut
FC33570	5/16-18 x 5/8" FBHSCS w/ Triple Economy T-Nut
F33300	5/16-18 x 11/16" Flanged BHSCS
F33400	5/16-18 x 1/2" Flanged BHSCS

## Connecting Screws

**F** = Fractional    **M** = Metric



Part #	Series	Description
F37672	15	M7 x .360" Self-Tapping Connecting Screw
F32672	15	M7 x .360" Self-Tapping Connecting Screw
F12999ZM	30	M8 x 25mm Self-Tapping Connecting Screw
F13006ZM	45	M12 x 30mm Self-Tapping Connecting Screw

- Self-tapping screw, no machining needed
- Must use a T40 Torx power bit and drill

## Socket Head Cap Screws & Assemblies

**F** = Fractional    **M** = Metric



Part #	Description	Part #	Description	Part #	Description
F30440	10-32 x 3/8" SHCS	F3689S	SS 1/4-20 x 1/2" SHCS	F31310	5/16-18 x 2 1/4" SHCS
F30480	10-32 x 1/2" SHCS	F3691S	SS 1/4-20 x 3/4" SHCS	F31320	5/16-18 x 2 1/2" SHCS
F30520	10-32 x 5/8" SHCS	F3671S	SS 1/4-20 x 1" SHCS	F31330	5/16-18 x 3" SHCS
F3685S	SS 10-32 x 3/4" SHCS	F3610S	SS 5/16-18 x 1/2" SHCS	F31240	3/8-16 x 1" SHCS
F3693S	SS 10-32 x 3/8" SHCS	F3612S	SS 5/16-18 x 5/8" SHCS	F31250	3/8-16 x 3/4" SHCS
F3695S	SS 10-32 x 1/2" SHCS	F3615S	SS 5/16-18 x 3/4" SHCS	F55160M	M5 x 16 mm SHCS
F3697S	SS 10-32 x 5/8" SHCS	F3619S	SS 5/16-18 x 7/8" SHCS	F65120M	M6 x 12 mm SHCS
F30560	10-32 x 3/4" SHCS	F3622S	SS 5/16-18 x 1" SHCS	F65140M	M6 x 14 mm SHCS
F30580	1/4-20 x 3/8" SHCS	F3627S	SS 5/16-18 x 1 1/4" SHCS	F65160M	M6 x 16 mm SHCS
F30620	1/4-20 x 1/2" SHCS	F31060	5/16-18 x 1/2" SHCS	F65200M	M6 x 20 mm SHCS
F30670	1/4-20 x 5/8" SHCS	F31100	5/16-18 x 5/8" SHCS	F65250M	M6 x 25 mm SHCS
F30640	1/4-20 x 3/4" SHCS	F31120	5/16-18 x 3/4" SHCS	F65350M	M6 x 35 mm SHCS
F30680	1/4-20 x 7/8" SHCS	F31190	5/16-18 x 7/8" SHCS	F85120M	M8 x 12 mm SHCS
F30710	1/4-20 x 1" SHCS	F31220	5/16-18 x 1" SHCS	F85160M	M8 x 16 mm SHCS
F30720	1/4-20 x 1 1/4" SHCS	F31230	5/16-18 x 1 1/4" SHCS	F85200M	M8 x 20 mm SHCS
F30800	1/4-20 x 1 1/2" SHCS	F31270	5/16-18 x 1 1/2" SHCS	F85250M	M8 x 25 mm SHCS
F30820	1/4-20 x 2 1/2" SHCS	F31290	5/16-18 x 1 3/4" SHCS	F85300M	M8 x 30 mm SHCS
F3687S	SS 1/4-20 x 3/8" SHCS	F31300	5/16-18 x 2" SHCS		

**3**

### 10 Series

Part #	Description
FC34570	10-32 x 3/8" SHCS w/ Economy T-Nut
FC34590	10-32 x 5/8" SHCS w/ Washer & Hex Nut
FC34920	1/4-20 x 1/2" SHCS w/ Drop In T-Nut
FC34930	1/4-20 x 5/8" SHCS w/ Economy T-Nut
FC34940	1/4-20 x 5/8" SHCS w/ Drop In T-Nut
FC33040	1/4-20 x 3/4" SHCS w/ Economy T-Nut
FC33970	1/4-20 x 3/4" SHCS w/ Drop In T-Nut
FC33050	1/4-20 x 7/8" SHCS w/ Economy T-Nut
FC33060	1/4-20 x 1" SHCS w/ Economy T-Nut
FC33070	1/4-20 x 1 1/4" SHCS w/ Economy T-Nut
FC33080	1/4-20 x 1 1/2" SHCS w/ Economy T-Nut
FC34900	1/4-20 x 3/8" SHCS w/ Drop In T-Nut
FC34910	1/4-20 x 1/2" SHCS w/ Economy T-Nut
FC34950	1/4-20 x 1/2" SHCS w/ Washer & Economy T-Nut
FC34960	1/4-20 x 1/2" SHCS w/ Washer & Drop In T-Nut
FC34970	1/4-20 x 5/8" SHCS w/ Washer & Economy T-Nut
FC34980	1/4-20 x 5/8" SHCS w/ Washer & Drop In T-Nut

### 15/40 Series

Part #	Description
FC34500	5/16-18 x 1/2" SHCS w/ Economy T-Nut
FC34520	5/16-18 x 1/2" SHCS w/ Drop In T-Nut
FC34540	5/16-18 x 5/8" SHCS w/ Economy T-Nut
FC34560	5/16-18 x 5/8" SHCS w/ Drop In T-Nut
FC34550	5/16-18 x 3/4" SHCS w/ Economy T-Nut
FC34580	5/16-18 x 7/8" SHCS w/ Economy T-Nut
FC34600	5/16-18 x 7/8" SHCS w/ Drop In T-Nut
FC34620	5/16-18 x 5/8" SHCS w/ Washer & Economy T-Nut
FC34640	5/16-18 x 5/8" SHCS w/ Washer & Drop In T-Nut
FC34660	5/16-18 x 3/4" SHCS w/ Washer & Economy T-Nut
FC34680	5/16-18 x 3/4" SHCS w/ Washer & Drop In Hex Nut
FC34460	5/16-18 x 7/8" SHCS w/ Washer & Hex Nut
FC34700	5/16-18 x 1" SHCS w/ Washer & Economy T-Nut
FC34720	5/16-18 x 1" SHCS w/ Washer & Drop-In T-Nut

## Socket Head Cap Screws & Assemblies (Continued)

**F** = Fractional

**M** = Metric

3

### Stainless Steel

Part #	Description
F5510SM	Stainless Steel 10mm M5 SHCS
F5512SM	Stainless Steel 12mm M5 SHCS
F5516SM	Stainless Steel 16mm M5 SHCS
F5520SM	Stainless Steel 20mm M5 SHCS
F6510SM	Stainless Steel 10mm M6 SHCS
F6512SM	Stainless Steel 12mm M6 SHCS
F6516SM	Stainless Steel 16mm M6 SHCS
F6520SM	Stainless Steel 20mm M6 SHCS
F8512SM	Stainless Steel 12mm M8 SHCS
F8516SM	Stainless Steel 16mm M8 SHCS
F8520SM	Stainless Steel 20mm M8 SHCS
F8525SM	Stainless Steel 25mm M8 SHCS
F8530SM	Stainless Steel 30mm M8 SHCS
F8535SM	Stainless Steel 35mm M8 SHCS
F8540SM	Stainless Steel 40mm M8 SHCS

### Bright Zinc

Part #	Description
F6512ZM	Bright Zinc 12mm M6 SHCS
F6516ZM	Bright Zinc 16mm M6 SHCS
F6520ZM	Bright Zinc 20mm M6 SHCS
F6525ZM	Bright Zinc 25mm M6 SHCS
F8512ZM	Bright Zinc 12mm M8 SHCS
F8516ZM	Bright Zinc 16mm M8 SHCS
F8520ZM	Bright Zinc 20mm M8 SHCS
F8525ZM	Bright Zinc 25mm M8 SHCS
F8530ZM	Bright Zinc 30mm M8 SHCS

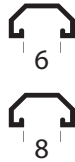
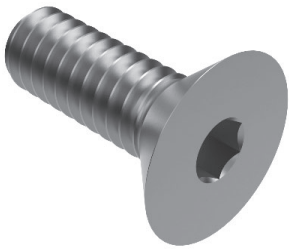
### Black Zinc

Part #	Description
F45160M	Black Zinc M4 16mm SHCS
F65140M	Black Zinc M6 14mm SHCS
F65180M	Black Zinc M6 18mm SHCS
F85180M	Black Zinc M8 18mm SHCS
F85500M	Black Zinc M8 50mm SHCS

## Flathead Socket Cap Screws & Assemblies

**F** = Fractional

**M** = Metric



Part #	Description
F34250	6-32 x 3/8" Black Zinc FHSCS
F30220	10-32 x 1/2" Black Zinc FHSCS
F34000	1/4-20 x 1/2" Black Zinc FHSCS
F34050	1/4-20 x 5/8" Black Zinc FHSCS
F34060	1/4-20 x 3/4" Black Zinc FHSCS
F34100	5/16-18 x 5/8" Black Zinc FHSCS
F34110	5/16-18 x 3/4" Black Zinc FHSCS
F34200	3/8-16 x 3/4" Black Zinc FHSCS
F47100M	Black Zinc M4 10mm FHSCS
F47120M	Black Zinc M4 12mm FHSCS
F57080M	Black Zinc M5 8mm FHSCS
F57100M	Black Zinc M5 10mm FHSCS
F57120M	Black Zinc M5 12mm FHSCS
F57140M	Black Zinc M5 14mm FHSCS
F57160M	Black Zinc M5 16mm FHSCS
F67160M	Black Zinc M6 16mm FHSCS
F67140M	Black Zinc M6 14mm FHSCS
F67180M	Black Zinc M6 18mm FHSCS
F67200M	Black Zinc M6 20mm FHSCS
F87160M	Black Zinc M8 16mm FHSCS
F87200M	Black Zinc M8 20mm FHSCS

### Assemblies

Part #	Description
FC34140	1/4-20 x 1/2" FHSCS & Economy T-Nut - 10S
FC34120	5/16-18 x 5/8" FHSCS & Economy T-Nut
FC34150	1/4-20 x 1/2" FHSCS & Drop In T-Nut - 10S
FC34130	5/16-18 x 5/8" FHSCS & Drop In T-Nut

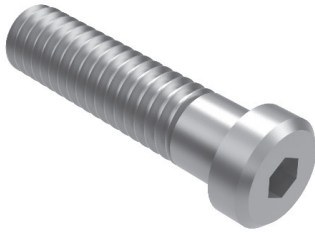
### Stainless Steel

Part #	Description
F36450	Stainless Steel 1/4-20 1/2" FHSCS
F36770	Stainless Steel 1/4-20 5/8" FHSCS
F5712SM	Stainless Steel 12mm M5 FHSCS
F6710SM	Stainless Steel 10mm M6 FHSCS
F6712SM	Stainless Steel 12mm M6 FHSCS
F6716SM	Stainless Steel 16mm M6 FHSCS
F8712SM	Stainless Steel 12mm M8 FHSCS
F8716SM	Stainless Steel 16mm M8 FHSCS
F8720SM	Stainless Steel 20mm M8 FHSCS
F1716SM	Stainless Steel 16mm M10 FHSCS



## Lowhead Socket Cap Screws

**F** = Fractional    **M** = Metric

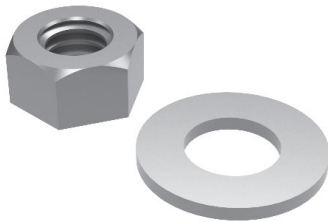


Part #	Description
F30170	1/4-20 x 1" LHSCS
F30180	5/16-18 x 1 1/4" LHSCS

3

## Washers & Hex Nuts

**F** = Fractional    **M** = Metric



### Washers

Part #	Description
F30550	10-32 Flat Washer
F3258Z	1/4" Flat Washer
F3260Z	5/16" Flat Washer
F32610	3/8" Flat Washer
F32620	1/2" Flat Washer
F6041SM	Stainless Steel M6 Washer
F6042SM	Stainless Steel M8 Washer

### Hex Nuts

Part #	Description
F3053Z	10-32 Hex Nut
F32080	1/4-20 Hex Nut
F3214Z	5/16-18 Hex Nut
F3215Z	3/8-16 Hex Nut
F60655M	M6 x 1.0 Hex Nut
F8065SM	M8 x 1.25 Hex Nut
F1065SM	M10 x 1.5 Hex Nut

## Metric Bolt Assemblies

**F** = Fractional

**M** = Metric

3

Part #	Screw Type	Screw PN	Nut PN	Washer
FC34810M	M5 x 20mm SHCS	F55200M	F131270	F60400M
FC34820M	M6 x 18mm BHSCS	F63180M	F131290	
FC34830M	M5 x 16mm SHCS	F55160M	F131160	F60400M
FC35200M	M6 x 10mm SHCS	F65100M	F38590M	
FC35230M	M6 x 20mm SHCS	F65200M	F38590M	
FC35530M	M4 x 20mm SHCS	F45200M	F141640	
FC35520M	M4 x 10mm FHSCS	F47100M	F141590	
FC35560M	M4 x 10mm SHCS	F45100M	F141640	
FC35580M	M4 x 16mm SHCS	F45160M	F40650M	F60390M
FC35600M	M4 x 12mm SHCS	F45120M	F131140	
FC35610M	M4 x 25mm SHCS	F45250M	F131130	
FC35620M	M4 x 12mm FHSCS	F47120M	F40650M	F60390M
FC35630M	M4 x 12mm SHCS	F45120M	F131230	
FC35710M	M5 x 8mm FHSCS	F57080M	F141220	
FC35720M	M5 x 10mm FHSCS	F57100M	F141220	
FC35730M	M5 x 14mm FHSCS	F57140M	F50650M	F60400M
FC35740M	M5 x 16mm FHSCS	F57140M	F131150	
FC35750M	M5 x 16mm FHSCS	F57160M	F131150	
FC35760M	M5 x 14mm BHSCS	F53140M	F50650M	F60400M
FC35780M	M5 x 12mm SHCS	F55120M	F141220	
FC35810M	M5 x 8mm BHSCS	F53080M	F141220	
FC35830M	M5 x 12mm BHSCS	F53120M	F131150	
FC35840M	M6 x 14mm FHSCS	F67140M	F19640M	
FC35850M	M6 x 14mm FHSCS	F67140M	F131170	
FC35860M	M6 x 18mm FHSCS	F67180M	F131190	
FC35870M	M6 x 18mm FHSCS	F67180M	F131290	
FC35880M	M6 x 20mm FHSCS	F67200M	F131290	
FC35890M	M6 x 20mm FHSCS	F67200M	F60650M	F60410M
FC35900M	M6 x 10mm SHCS	F65100M	F131170	
FC35910M	M6 x 16mm FHSCS	F67160M	F131170	
FC35920M	M6 x 14mm SHCS	F65140M	F19640M	
FC35930M	M6 x 14mm SHCS	F65140M	F131170	
FC35940M	M6 x 14mm SHCS	F65140M	F131290	
FC35950M	M6 x 16mm SHCS	F65160M	F131170	
FC35960M	M6 x 18mm SHCS	F65180M	F131170	
FC35970M	M6 x 20mm SHCS	F65200M	F131290	
FC35990M	M6 x 10mm BHSCS	F63100M	F131170	
FC36000M	M6 x 12mm BHSCS	F63120M	F131170	
FC36010M	M6 x 14mm BHSCS	F63140M	F131190	
FC36020M	M6 x 14mm BHSCS	F63140M	F131290	
FC36030M	M6 x 14mm BHSCS	F63140M	F60650M	
FC36050M	M6 x 18mm BHSCS	F63180M	F60650M	F60410M
FC36150M	M8 x 12mm BHSCS	F83120M	F130940M	
FC36160M	M6 x 14mm FHSCS	F67140M	F19640M	
FC36170M	M8 x 20mm FHSCS	F87200M	F80650M	
FC36180M	M8 x 16mm FHSCS	F87160M	F19810M	
FC36190M	M8 x 18mm BHSCS	F83180M	F131320	
FC36210M	M8 x 16mm SHCS	F85160M	F19810M	

## Metric Bolt Assemblies (Continued)

**F** = Fractional

**M** = Metric

Part #	Screw Type	Screw PN	Nut PN	Washer
FC36220M	M8 x 14mm BHSCS	F63140M	F131190	
FC36230M	M8 x 16mm SHCS	F85160M	F131320	
FC36240M	M8 x 12mm SHCS	F85120M	F130250	
FC36250M	M8 x 16mm SHCS	F85160M	F130250	
FC36260M	M8 x 18mm SHCS	F67180M	F131320	
FC36280M	M8 x 18mm SHCS	F87180M	F130250	
FC36280M	M8 x 18mm FHSCS	F67180M	F131190	
FC36290M	M8 x 16mm FHSCS	F87160M	F130250	
FC36300M	M8 x 20mm SHCS	F85200M	F131320	
FC36330M	M6 x 20mm Drop In T-Stud	F131340	F141560	
FC36350M	M6 x 25mm Drop In T-Stud	F131360	F141560	
FC36390M	M6 x 30mm Drop In T-Stud	F131380	F141560	

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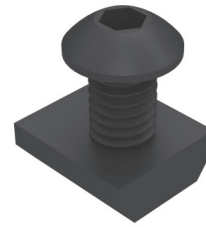
BHSCS & Drop-In T-Nut



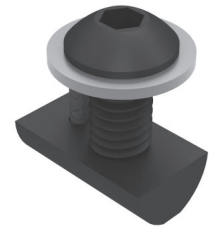
BHSCS & Economy T-Nut



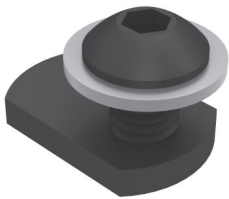
BHSCS & Hex Nut



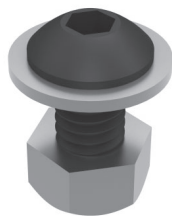
BHSCS & Standard T-Nut



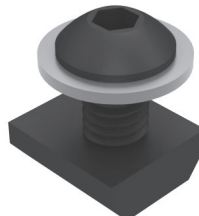
BHSCS w/ Washer & Drop-In T-Nut



BHSCS w/ Washer & Economy T-Nut



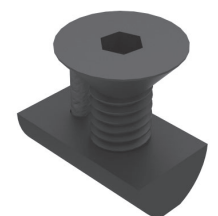
BHSCS w/ Washer & Hex Nut



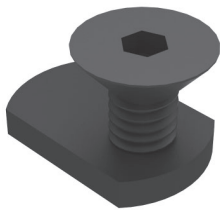
BHSCS w/ Washer & Standard T-Nut



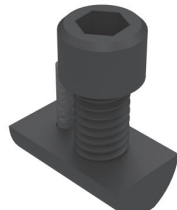
BHSCS w/ Washer



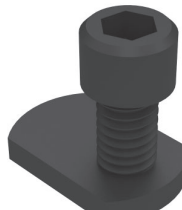
FHSCS & Drop-In T-Nut



FHSCS & Economy T-Nut



SHCS & Drop-In T-Nut



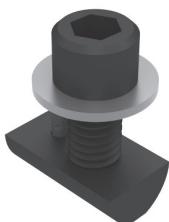
SHCS & Economy T-Nut



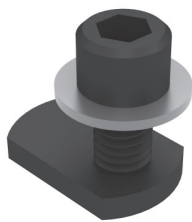
SHCS & Hex Nut



SHCS & Standard T-Nut



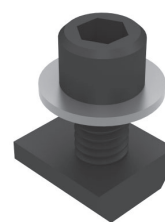
SCHS w/ Washer & Drop-In T-Nut



SCHS w/ Washer & Economy T-Nut



SHCS w/ Washer & Hex Nut



SHCS w/ Washer & Standard T-Nut



4





## Section 4

# Brackets

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Corner brackets and joining plates allow you to connect Parco extrusions to one another without having to machine your parts. All you need to do is cut the T-slots to the desired length and bolt the extrusions together using fasteners and corner brackets or joining plates.

The following standards for hole sizes and centerlines apply to most joining plates and inside corner brackets:

### **10 Series Bolt Pattern Dimensions**

Most 10 series flat joining plates, strips, and inside corner brackets are made of .188" thick 6063 aluminum alloy, clear anodized with .257" diameter holes on 1.0" centerlines, except where noted.

### **15 Series Bolt Pattern Dimensions**

Most 15 series flat joining plates, strips, and inside corner brackets are made of .25" thick 6063 aluminum alloy, clear anodized with .328" diameter holes on 1.5" centerlines, except where noted.

### **30 Series Bolt Pattern Dimensions**

Most 30 series flat joining plates, strips, and inside corner brackets are made of .25" thick 6063 aluminum alloy, clear anodized with .328" diameter holes on 30mm centerlines, except where noted.

### **40 Series Bolt Pattern Dimensions**

Most 40 series flat joining plates, strips, and inside corner brackets are made of .25" thick 6063 aluminum alloy, clear anodized with .328" diameter holes on 40mm centerlines, except where noted.

### **45 Series Bolt Pattern Dimensions**





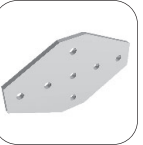
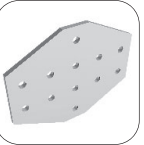
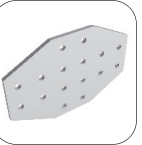
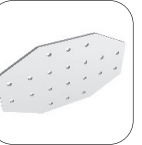





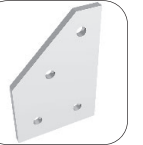
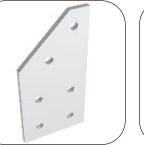
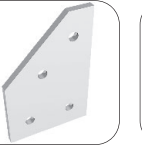
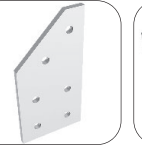




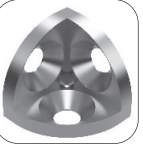




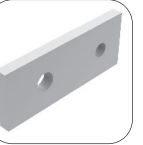




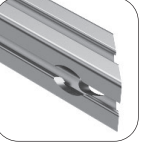
Most 45 series flat joining plates, strips, and inside corner brackets are made of .25" thick 6063 aluminum alloy, clear anodized with .328" diameter holes on 45mm centerlines, except where noted.

# Pictorial Table of Contents

4

2 Hole Inside Corner Bracket	2 Hole Slotted Inside Corner Bracket	3 Hole Inside Corner Bracket	3 Hole Slotted Inside Corner Bracket	4 Hole Horizontal Inside Corner Bracket	4 Hole Horizontal Slotted Inside Corner Bracket	4 Hole Vertical Inside Corner Bracket	6 Hole Horizontal Inside Corner Bracket	6 Hole Horizontal Slotted Inside Corner Bracket
								
Page 96	Page 96	Page 96	Page 97	Page 97	Page 97	Page 98	Page 98	Page 98
6 Hole Horizontal Slotted Inside Corner Bracket	6 Hole Inside Corner Bracket	6 Hole Slotted Inside Corner Bracket	6 Hole Left Hand Inside Corner Bracket	6 Hole Right Hand Inside Corner Bracket	6 Hole Center Inside Corner Bracket	8 Hole Inside Corner Bracket	8 Hole Horizontal Inside Corner Bracket	9 Hole Slotted Inside Corner Bracket
								
Page 99	Page 99	Page 99	Page 100	Page 100	Page 100	Page 101	Page 101	Page 101
12 Hole Horizontal Inside Corner Bracket	12 Hole Vertical Inside Corner Bracket	18 Hole Inside Corner Bracket	2 Hole Inside Corner Gusset	Cover Cap for 2 Hole Slotted Inside Corner Bracket	2 Hole Slotted Inside Corner Bracket	4 Hole Inside Corner Bracket Single Gusset	4 Hole Inside Corner Bracket Double Gusset	Cover Cap for 4 Hole Inside Corner Bracket
								
Page 102	Page 102	Page 102	Page 103	Page 103	Page 104	Page 104	Page 105	Page 105
40 x 40 Connection Angle w/ Nuts	Cover Cap for 40/40 Connection Angle w/ Nuts	40 x 80 Connection Angle w/ Nuts	Cover Cap for 40/80 Connection Angle w/ Nuts	4 Hole Horizontal Inside Corner Gusset	4 Hole Vertical Inside Corner Gusset	8 Hole Vertical Inside Corner Gusset	8 Hole Horizontal Inside Corner Gusset	8 Hole Inside Corner Bracket
								
Page 105	Page 106	Page 106	Page 106	Page 107	Page 107	Page 107	Page 108	Page 108
Cover Cap for 8 Hole Inside Corner Bracket	16 Hole Inside Corner Bracket	2 Hole Joining Strip	3 Hole Joining Strip	4 Hole Joining Strip	4 Hole Joining Plate	6 Hole Joining Plate	8 Hole Joining Plate	4 Hole 90° Joining Plate
								
Page 108	Page 109	Page 109	Page 110	Page 110	Page 111	Page 111	Page 112	Page 112
5 Hole 90° Joining Plate	6 Hole 90° Joining Plate	7 Hole 90° Joining Plate	7 Hole 90° Joining Plate	9 Hole 90° Joining Plate	10 Hole 90° Joining Plate	12 Hole 90° Joining Plate	4 Hole Tee Plate	5 Hole Tee Plate
								
Page 113	Page 113	Page 114	Page 114	Page 115	Page 115	Page 116	Page 116	Page 117

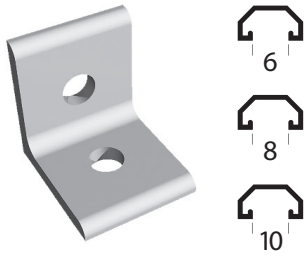
# Pictorial Table of Contents

6 Hole Tee Plate	7 Hole Tee Plate	8 Hole Tee Plate	12 Hole Tee Plate	7 Hole Cross Joining Plate	12 Hole Cross Joining Plate	16 Hole Cross Joining Plate	20 Hole Cross Joining Plate	5 Hole L Shaped Joining Plate
								
Page 117	Page 118	Page 118	Page 119	Page 119	Page 120	Page 120	Page 121	Page 121
4 Hole 15° Plate	6 Hole 15° Plate	4 Hole 30° Plate	6 Hole 30° Plate	4 Hole 45° Plate	6 Hole 45° Plate	4 Hole 60° Plate	6 Hole 60° Plate	4 Hole 45° Inside Joining Plate
								
Page 122	Page 122	Page 123	Page 123	Page 124	Page 124	Page 125	Page 125	Page 126
2 Way Square Corner Connector	3 Way Square Tri Corner	Rounded Tri Corner	3 Way Rounded Corner Bracket	Cover Cap for 3-Way Rounded Corner Bracket	2 Hole 10 to 15 Transition Inside Corner Bracket	4 Hole 10 to 15 Transition Inside Corner Bracket	4 Hole 10 to 15 Transition Inside Corner Bracket	2 Hole 10 to 15 Transition Joining Strip
								
Page 126	Page 127	Page 127	Page 128	Page 128	Page 129	Page 129	Page 130	Page 130
3 Hole 10 to 15 Transition Joining Strip	3 Hole 10 to 15 Transition Joining Strip	45° Single Angle Connector	45° Double Angle Connector	45° Support				
								
Page 131	Page 131	Page 132	Page 132	Page 133-134				

# Brackets & Joining Plates

## 2 Hole Inside Corner Bracket

**F** = Fractional    **M** = Metric



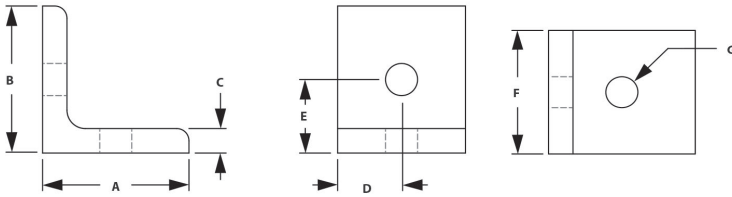
Part #	Series	A	B	C	D	E	F	G
<b>B41081</b>	10	1.00	1.00	.125	.500	.500	.875	.257
<b>* B41191</b>	10	1.00	1.00	.188	.500	.500	.875	.257
<b>* B43022</b>	15	1.50	1.50	.250	.750	.750	1.30	.328
<b>B43025</b>	30	30mm	30mm	4mm	13.5mm	15mm	27mm	6.81mm
<b>* B43023</b>	40	38.1mm	38.1mm	6.35mm	18mm	20mm	36mm	8.33mm
<b>B43026</b>	45	45mm	45mm	6mm	21mm	22.5mm	42mm	8.33mm

\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

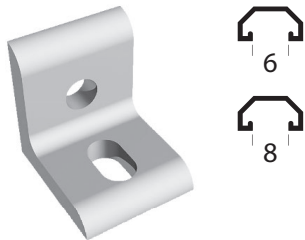
Part #	Qty	Description	Use For
<b>FC33860</b>	2	1/4-20 x 3/8" FBHSCS & Econ T-Nut	<b>B41081</b>
<b>FC33930</b>	2	1/4-20 x 1/2" BHSCS & Econ T-Nut	<b>B41191</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Econ T-Nut	<b>B43022</b>
<b>F6312ZM</b>	2	M6 x 12 BHSCS	<b>B43025</b>
<b>FC34220M</b>	2	M8 x 16mm BHSCS & Econ T-Nut	<b>B43023</b>
<b>F83180M</b>	2	M8 x 18mm BHSCS	<b>B43026</b>

4



## 2 Hole Slotted Corner Bracket

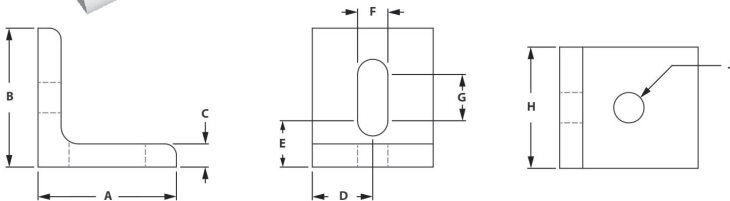
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>B42651</b>	10	1.00	1.00	.188	.438	.500	.281	.188	.875	.281
<b>B42952</b>	15	1.50	1.50	.250	.655	.500	.328	.500	1.31	.328
<b>B42953</b>	40	38.10mm	38.10mm	6.35mm	18mm	14mm	8.33mm	14mm	36mm	8.33mm

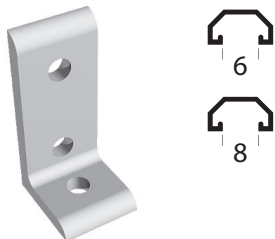
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	2	1/4-20 x 1/2" BHSCS & Econ T-Nut	<b>B42651</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Econ T-Nut	<b>B42952</b>
<b>FC34220M</b>	2	M8 x 16mm BHSCS & Econ T-Nut	<b>B42953</b>



## 3 Hole Inside Corner Bracket

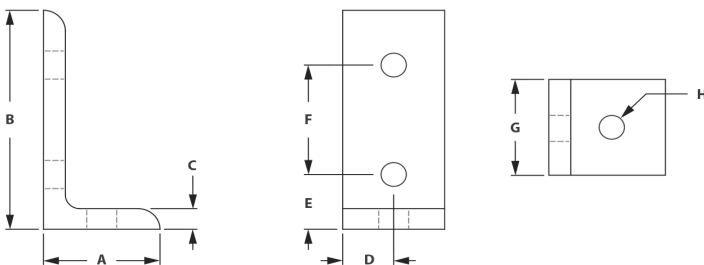
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B41761</b>	10	1.00	2.00	.188	.438	.500	1.00	.875	.281
<b>B43762</b>	15	1.50	3.00	.250	.655	.750	1.50	1.31	.328
<b>B43763</b>	40	38.1mm	76.2mm	6.35mm	18mm	20mm	40mm	36mm	8.33mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	3	1/4-20 x 1/2" BHSCS & Econ T-Nut	<b>B41761</b>
<b>FC33650</b>	3	5/16-18 x 5/8" BHSCS & Econ T-Nut	<b>B43762</b>
<b>FC34220M</b>	3	M8 x 16 BHSCS & Econ T-Nut	<b>B43763</b>





## 3 Hole Slotted Corner Bracket

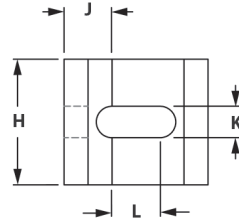
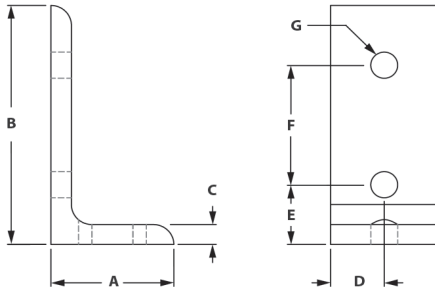
**F** = Fractional    **M** = Metric



Item #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>B42501</b>	10	1.00	2.00	.188	.438	.500	1.00	.281	.875	.500	.281	.188
<b>B42802</b>	15	1.50	3.00	.250	.655	.750	1.50	.328	1.31	.500	.328	.500

### RECOMMENDED FASTENERS

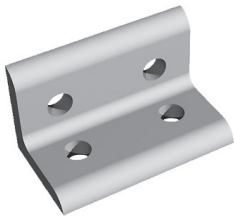
T-Nut (x3)	Series	Bolt (x3)	Use For
<b>FC33930</b>	Economy	10	1/4-20 x 1/2" BHSCS
<b>FC33650</b>	Economy	15	5/16 - 18 x 5/8" BHSCS



4

## 4 Hole Horizontal Inside Corner Bracket

**F** = Fractional    **M** = Metric

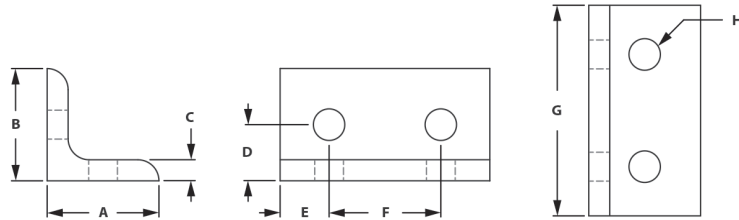


Part #	Series	A	B	C	D	E	F	G	H
<b>B41131</b>	10	1.00	1.00	.188	.500	.438	1.00	1.875	.281
<b>*B43032</b>	15	1.50	1.50	.250	.750	.655	1.50	2.810	.250
<b>B43035</b>	30	30mm	30mm	4mm	15mm	13.5mm	30mm	57mm	6.81mm
<b>*B43033</b>	40	40mm	40mm	6mm	20mm	18mm	40mm	76mm	8.30mm
<b>B43036</b>	45	45mm	45mm	6mm	22.5mm	22.5mm	45mm	9mm	8.30mm

\* Also available in (BA) Black Anodized

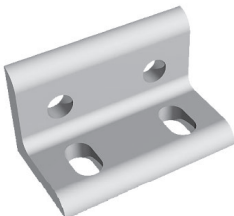
### RECOMMENDED FASTENERS

T-Nut (x4)	Series	Bolt (x4)	Use For
<b>FC33930</b>	Economy	10	1/4-20 x 1/2" BHSCS
<b>FC33650</b>	Economy	15	5/16 - 18 x 5/8" BHSCS
<b>F6312ZM</b>	Economy	30	M6 x 12mm BHSCS
<b>FC34220M</b>	Economy	40	M8 x 16mm BHSCS
<b>FC34220M</b>	Economy	45	M8 x 16mm BHSCS



## 4 Hole Horizontal Slotted Inside Corner Bracket

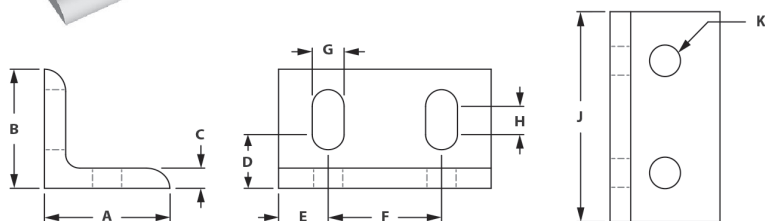
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B42601</b>	10	1.00	1.00	.188	.500	.438	1.00	.281	.188	1.875	.281
<b>B42902</b>	15	1.50	1.50	.250	.750	.655	1.50	.328	.500	2.810	.328
<b>B42903</b>	40	40mm	40mm	6.35mm	14mm	18mm	40mm	8.30mm	14mm	76mm	8.3mm

### RECOMMENDED FASTENERS

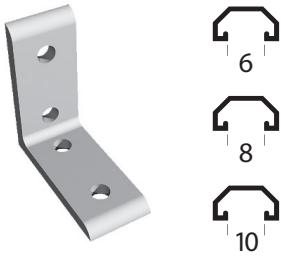
Part #	Qty	Description	Use For
<b>FC33930</b>	4	1/4-20 x 1/2" BHSCS & Econ T-Nut	<b>B42601</b>
<b>FC33650</b>	4	5/16-18" FBHSCS & Economy T-Nut	<b>B42902</b>
<b>FC34220M</b>	4	M8 x 16mm BHSCS & Econ T-Nut	<b>B42903</b>



# Brackets & Joining Plates

## 4 Hole Vertical Inside Corner Bracket

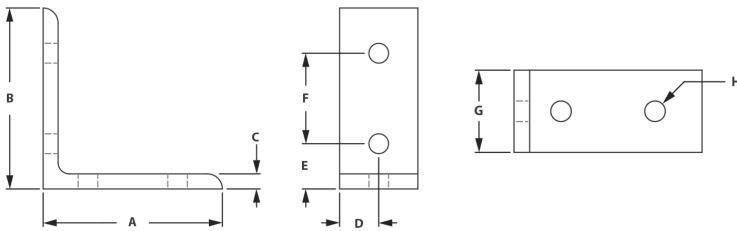
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
* B41151	10	2.00	2.00	.188	.438	.500	1.00	.875	.281
B41011	10	2.50	2.50	.188	.438	.750	1.00	.875	.257
* B43012	15	3.00	3.00	.250	.655	.750	1.50	1.31	.328
B43015	30	60mm	60mm	5mm	15mm	15mm	30mm	27mm	7mm
*B43013	40	76.2mm	76.2mm	6.35mm	18mm	20mm	40mm	36mm	8.33mm
B43016	45	90mm	90mm	6mm	21mm	22.5mm	45mm	42mm	8.33mm

\* Also available in (BA) Black Anodized

4

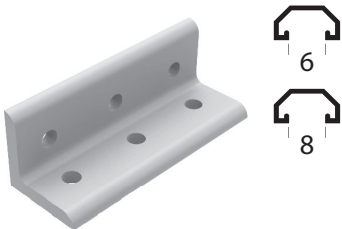


### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Econ T-Nut	B41151
FC33930	4	1/4-20 x 1/2" BHSCS & Econ T-Nut	B41011
FC33650	4	5/16-18 FBHSCS & Econ T-Nut	B43012
FC34120M	4	M6 x 12mm BHSCS & Econ T-Nut	B43015
FC34220M	4	M8 x 16mm BHSCS & Econ T-Nut	B43013
FC36190M	4	M8 x 18mm BHSCS & T-Nut	B43016

## 6 Hole Horizontal Inside Corner Bracket

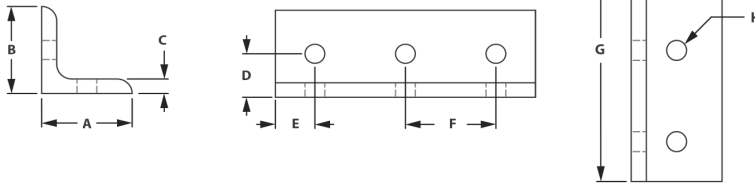
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
B40151	10	1.00	1.00	.188	.500	.438	1.00	2.880	.281
B44152	15	1.50	1.50	.250	.750	.655	1.50	4.310	.328

### RECOMMENDED FASTENERS

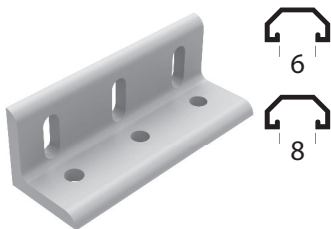
Part #	Qty	Description	Use For
FC33930	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	B40151
FC33650	6	5/16-18" FBHSCS & Economy T-Nut	B44152



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned

## 6 Hole Horizontal Slotted Inside Corner Bracket

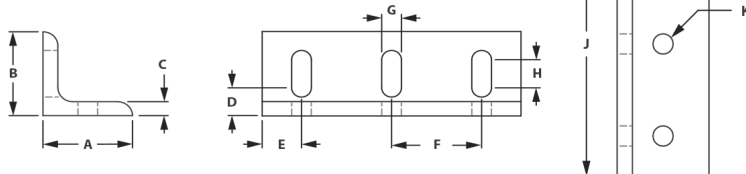
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
B42661	10	1.00	1.00	.188	.500	.438	1.00	.281	.188	2.875	.281
B42962	15	1.50	1.50	.250	.750	.655	1.50	.328	.500	4.310	.328

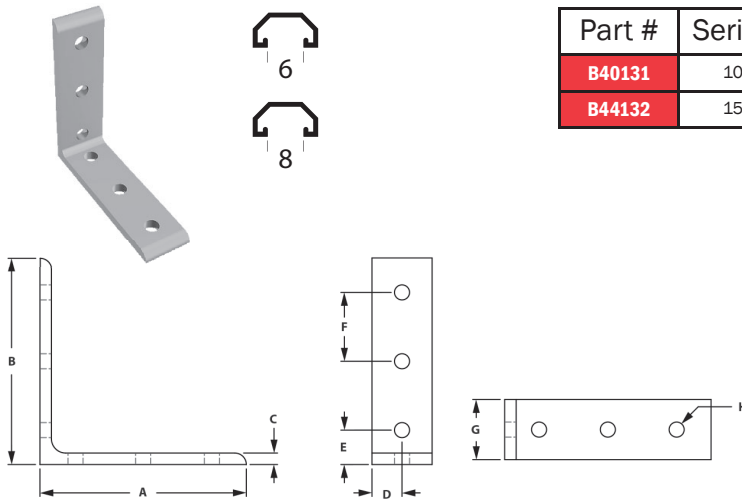
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	B42661
FC33650	6	5/16-18 x 5/8" FBHSCS & Econ T-Nut	B42962



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned

## 6 Hole Vertical Inside Corner Bracket



Part #	Series	A	B	C	D	E	F	G	H
<b>B40131</b>	10	3.00	3.00	.188	.438	.500	1.00	.875	.281
<b>B44132</b>	15	4.50	4.50	.250	.656	.750	1.50	1.312	.328

### RECOMMENDED FASTENERS

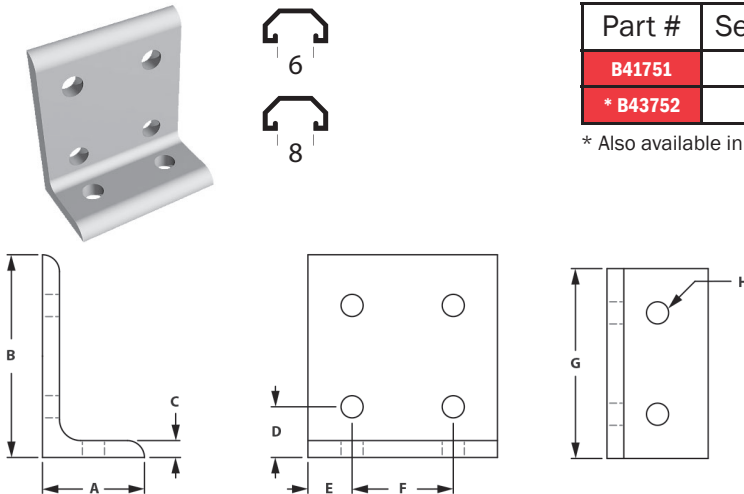
Part #	Qty	Description	Use For
<b>FC33930</b>	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B40131</b>
<b>FC33650</b>	6	5/16-18" x .687" FBHSCS & Economy T-Nut	<b>B44132</b>

- Creates a 90 degree connection
- Requires no machining
- Easily repositioned

4

## 6 Hole Inside Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B41751</b>	10	1.00	2.00	.188	.500	.438	1.00	1.875	.281
<b>* B43752</b>	15	1.50	3.00	.250	.750	.655	1.50	2.810	.328

\* Also available in (BA) Black Anodized

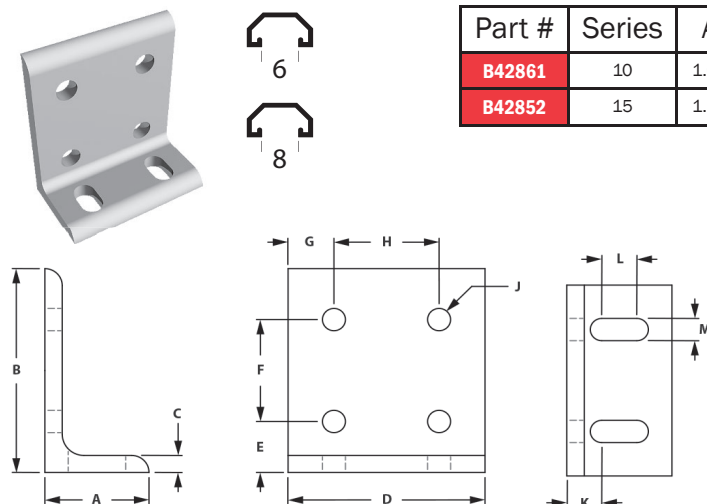
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B41751</b>
<b>FC33650</b>	6	5/16-18" x .687" FBHSCS & Economy T-Nut	<b>B43752</b>

- Creates a 90 degree connection
- Requires no machining
- Easily repositioned

## 6 Hole Slotted Inside Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>B42861</b>	10	1.00	2.00	.188	1.875	.500	1.00	.438	1.00	.281	.500	.188	.281
<b>B42852</b>	15	1.50	3.00	.250	2.810	.750	1.50	.655	1.50	.328	.750	.500	.328

### RECOMMENDED FASTENERS

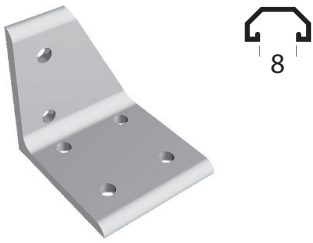
Part #	Qty	Description	Use For
<b>FC33930</b>	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B42861</b>
<b>FC33650</b>	6	5/16-18 x 5/8" FBHSCS & Econ T-Nut	<b>B42852</b>

- Creates a 90 degree connection
- Requires no machining
- Easily repositioned
- Slotted for increased adjustability

# Brackets & Joining Plates

## 6 Hole Left Hand Inside Corner Bracket

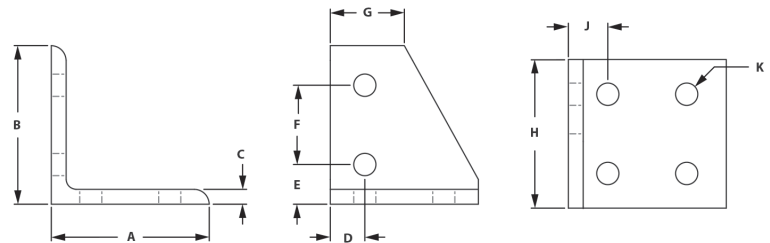
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B43092</b>	15	3.00	3.00	.250	.655	.750	1.50	1.31	2.810	.750	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43092</b>

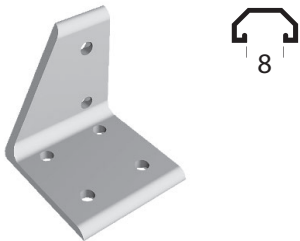


4

- High Strength
- Creates a left-aligned 90 degree connection
- Can be used with two different size profiles within the same series
- Requires no machining

## 6 Hole Right Hand Inside Corner Bracket

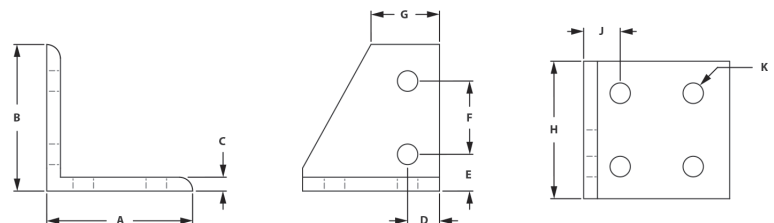
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B43082</b>	15	3.00	3.00	.250	.655	.750	1.50	1.31	2.810	.750	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43082</b>



- High Strength
- Creates a right-aligned 90 degree connection
- Can be used with two different size profiles within the same series
- Requires no machining

## 6 Hole Center Inside Corner Bracket

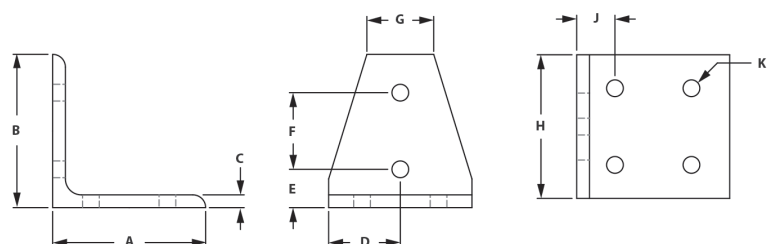
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B43112</b>	15	3.00	3.00	.250	1.405	.750	1.50	1.31	2.810	.750	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43092</b>

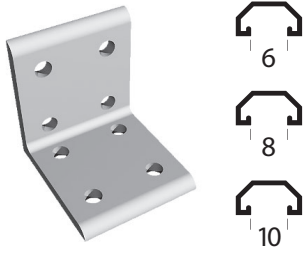


- High Strength
- Creates a 90 degree connection
- Can be used with two different size profiles within the same series
- Requires no machining



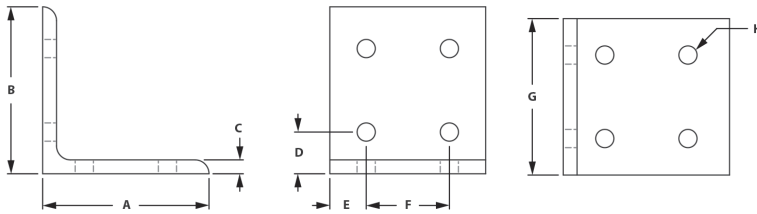
## 8 Hole Inside Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B41141</b>	10	2.00	2.00	.188	.500	.438	1.00	1.875	.281
<b>*B43042</b>	15	3.00	3.00	.250	.750	.655	1.50	2.810	.250
<b>B43045</b>	30	60mm	60mm	5mm	22.5mm	15mm	30mm	30mm	7mm
<b>B43043</b>	40	76.2mm	76.2mm	6.35mm	20mm	18mm	40mm	76mm	8.33mm
<b>B43046</b>	45	90mm	90mm	6mm	86mm	22.5mm	45mm	45mm	9mm

\* Also available in (BA) Black Anodized



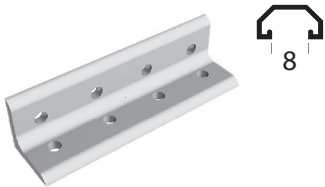
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	8	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B41141</b>
<b>FC33650</b>	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43042</b>
<b>FC34120M</b>	8	M6 x 12mm BHCS & M6 Z-Nut	<b>B43045</b>
<b>FC34220M</b>	8	M8 x 16mm BHSCS & Economy T-Nut	<b>B43043</b>
<b>FC36190M</b>	8	M8 x 18mm BHCS & M8 Z-Nut	<b>B43046</b>

**4**

## 8 Hole Horizontal Inside Corner Bracket

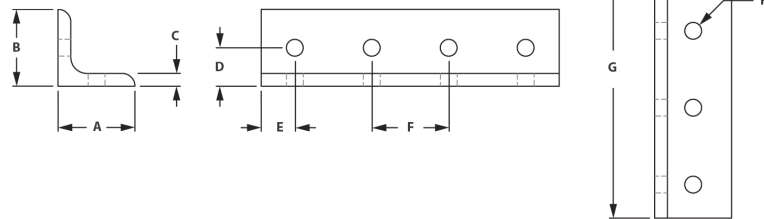
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B43682</b>	15	1.50	1.50	.250	.750	.655	1.50	5.81	.328

### RECOMMENDED FASTENERS

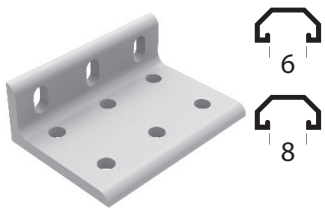
Part #	Qty	Description	Use For
<b>FC33650</b>	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43682</b>



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned

## 9 Hole Slotted Corner Bracket

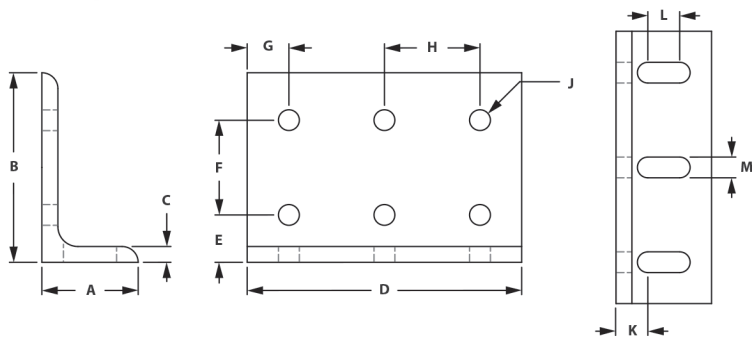
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>B42511</b>	10	1.00	2.00	.188	2.875	.500	1.00	.438	1.00	.281	.500	.188	.281
<b>B42512</b>	15	1.50	3.00	.250	4.310	.750	1.50	.655	1.50	.328	.750	.500	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	9	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B42511</b>
<b>FC33650</b>	9	5/16-18 x 5/8" FBHSCS & Econ T-Nut	<b>B42512</b>



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned
- Slotted for increased adjustability

# Brackets & Joining Plates

## 12 Hole Horizontal Inside Corner Bracket

**F** = Fractional **M** = Metric

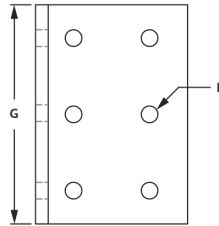
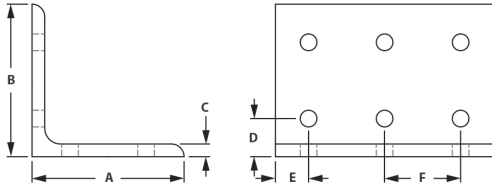


Part #	Series	A	B	C	D	E	F	G	H
<b>B40161</b>	10	2.00	2.00	.188	.500	.438	1.00	2.875	.281
<b>B44162</b>	15	3.00	3.00	.250	.750	.655	1.50	4.310	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	12	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B40161</b>
<b>FC33650</b>	12	5/16-18 x 5/8" FBHSCS & Econ T-Nut	<b>B40162</b>

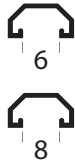
4



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned and reused

## 12 Hole Vertical Inside Corner Bracket

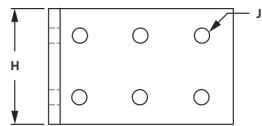
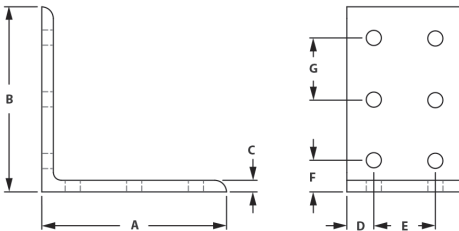
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B40141</b>	10	2.00	2.00	.188	.500	.438	1.00	2.875	.281
<b>B40142</b>	15	3.00	3.00	.250	.750	.655	1.50	4.310	.328

### RECOMMENDED FASTENERS

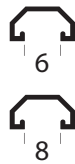
Part #	Qty	Description	Use For
<b>FC33930</b>	12	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B40141</b>
<b>FC33650</b>	12	5/16-18 x 5/8" FBHSCS & Econ T-Nut	<b>B40141</b>



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned and reused

## 18 Hole Inside Corner Bracket

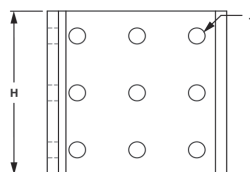
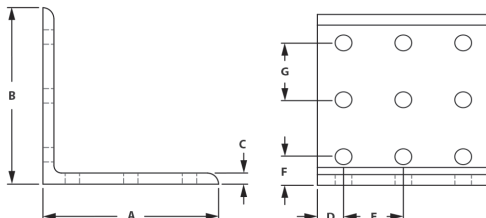
**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>B40171</b>	10	3.00	3.00	.188	.438	1.00	.500	1.00	1.875	.281
<b>B40172</b>	15	4.50	4.50	.280	.655	1.50	.750	1.50	2.812	.328

### RECOMMENDED FASTENERS

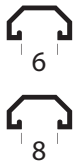
Part #	Qty	Description	Use For
<b>FC33930</b>	18	1/4-20 x 1/2" FBHSCS & Economy T-Nut	<b>F40171</b>
<b>FC33650</b>	18	5/16-18 x 5/8" FBHSCS & Econ T-Nut	<b>F40172</b>



- Creates a 90 degree connection
- Requires no machining
- Easily repositioned and reused

## 2 Hole Inside Corner Gusset

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G
*B41321	10	1.00	1.00	.188	.438	.500	.875	.281
*B43322	15	1.50	1.50	.250	.655	.750	1.310	.328
*B43323	40	38.1mm	38.1mm	6.35mm	18mm	20mm	36mm	8.33mm

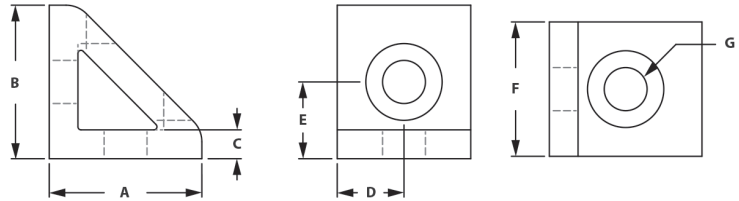
\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	2	1/4-20 x 1/2" BHSCS & Economy T-Nut	B41321
FC33650	2	5/16-18 x 5/8" FBHSCS & Econ T-Nut	B43322
FC34220M	2	M8 x 16mm BHSCS & Economy T-Nut	B43323

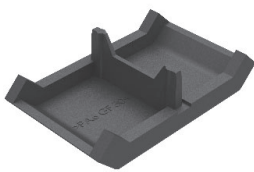
- High Strength
- Easily Repositioned
- 10, 15 & 40 Series

4



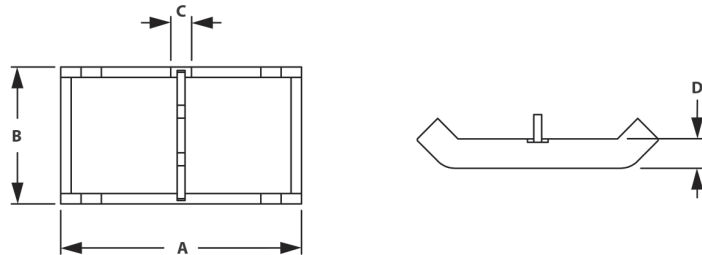
## Cover For 2 Hole Inside Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	For Part #
H120319	10	28.6mm	17.6mm	2mm	2mm	B140599, B140609, B140619
H120325	30	44mm	27.6mm	4mm	4mm	B140715, B140735
H120346	45	64mm	39.6mm	4mm	4mm	B410786
H120356	45	70mm	42.2mm	3mm	3mm	B140836, B140856

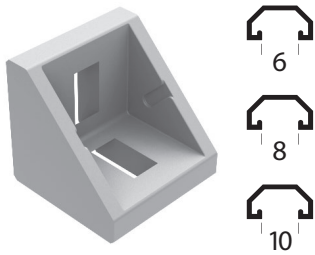
- Black Nylon
- Used to create a cleaner look
- 10, 30 & 45 Series



# Brackets & Joining Plates

## 2 Hole Slotted Inside Corner Bracket

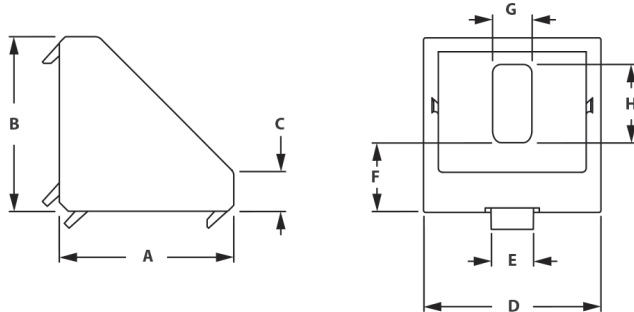
**F** = Fractional    **M** = Metric



**4**

- 90 Degree Bracket
- Durable Connection
- Easily Repositioned
- 10, 30 & 45 Series

Part #	Series	A	B	C	D	E	F	G	H
<b>B140599</b>	10	18mm	18mm	3mm	18mm	5.3mm	5mm	5.3mm	7mm
<b>B140609</b>	10	18mm	18mm	3mm	18mm	5.3mm	5mm	5.3mm	7mm
<b>B140619</b>	10	18mm	18mm	3mm	18mm	5.3mm	5mm	5.3mm	7mm
<b>B140715</b>	30	27mm	27mm	6mm	28mm	8mm	12.5mm	6.4mm	9.5mm
<b>B140735</b>	30	27mm	27mm	6mm	28mm	8mm	12.5mm	6.4mm	9.5mm
<b>B140675</b>	30	28mm	28mm	4mm	28mm	27mm	8mm	6.5mm	11.4mm
<b>B140665</b>	30	28mm	28mm	4mm	28mm	27mm	8mm	6.5mm	11.4mm
<b>B140836</b>	45	41mm	41mm	9.5mm	42mm	10mm	16.5mm	9mm	18.5mm
<b>B140856</b>	45	41mm	41mm	9.5mm	42mm	10mm	16.5mm	9mm	18.5mm
<b>B140786</b>	45	39mm	39mm	6mm	40mm	9mm	12.3mm	9mm	23mm

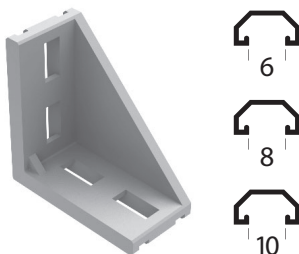


### RECOMMENDED FASTENERS

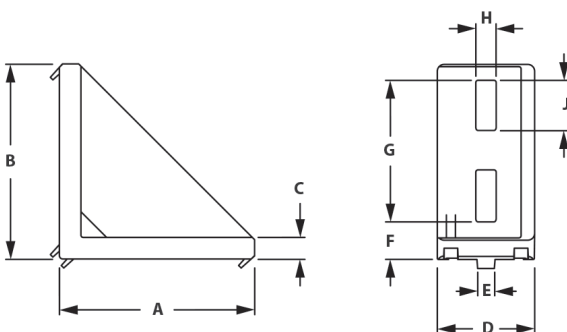
Part #	Qty	Description	Use For
<b>FC34570</b>	2	10-32 x 3/8" SHCS & Economy T-Nut	<b>B140599</b>
<b>FC34570</b>	2	10-32 x 3/8" SHCS & Economy T-Nut	<b>B140609</b>
<b>FC34570</b>	2	10-32 x 3/8" SHCS & Economy T-Nut	<b>B140619</b>
<b>FC35930M</b>	2	M6 x 14mm SHCS & Drop In T-Nut	<b>B140715</b>
<b>FC35930M</b>	2	M6 x 14mm SHCS & Drop In T-Nut	<b>B140735</b>
<b>FC35930M</b>	2	M6 x 14mm SHCS & Drop In T-Nut	<b>B140675</b>
<b>FC36260M</b>	2	M8 x 18mm SHCS & Drop-In T-Nut	<b>B140786</b>
<b>FC36300M</b>	2	M8 x 20mm SHCS & Drop In T-Nut	<b>B140836</b>
<b>FC36350M</b>	2	M8 x 25mm Drop In T-Stud & Flanged Hex Nut	<b>B140856</b>
<b>FC36320M</b>	2	M8 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>B140786</b>

## 4 Hole Inside Corner Bracket - Single Gusset

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>B140581</b>	10	38mm	38mm	3mm	18mm	6mm	12mm	27mm	4.5mm	7.05mm
<b>B140809</b>	15/40	76mm	76mm	8.5mm	38mm	8mm	15mm	57mm	9mm	23mm
<b>B140819</b>	15/40	76mm	76mm	8.5mm	38mm	8mm	15mm	57mm	9mm	23mm
<b>B140685</b>	30	57mm	57mm	5.5mm	28mm	8mm	12mm	39mm	6.4mm	11mm
<b>B140705</b>	30	57mm	57mm	5.5mm	28mm	8mm	12mm	39mm	6.2mm	11mm
<b>B140866</b>	45	86mm	86mm	9.5mm	43mm	10mm	16.5mm	62.5mm	9mm	22mm
<b>B140886</b>	45	86mm	86mm	9.5mm	43mm	10mm	16.5mm	62.5mm	9mm	22mm



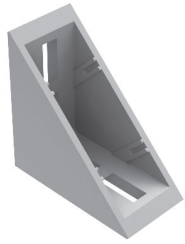
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC34570</b>	4	10-32 x 3/8" SHCS & Economy T-Nut	<b>B140581</b>
<b>FC34550</b>	4	5/16-18 x 3/4" SHCS & Economy T-Nut	<b>B140809</b>
<b>FC34550</b>	4	5/16-18 x 3/4" SHCS & Economy T-Nut	<b>B140819</b>
<b>FC35930M</b>	4	M6 x 14mm SHCS & Drop In T-Nut	<b>B140685</b>
<b>FC35930M</b>	4	M6 x 14mm SHCS & Drop In T-Nut	<b>B140705</b>
<b>FC36300M</b>	4	M8 x 20mm SHCS & Drop In T-Nut	<b>B140866</b>
<b>FC36350M</b>	4	M8 x 25mm Drop In T-Stud & Flanged Hex Nut	<b>B140886</b>

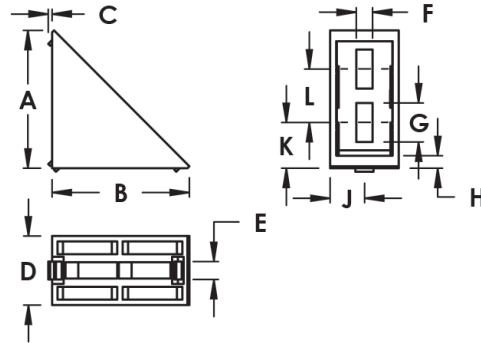


## 4 Hole Inside Corner Bracket - Double Gusset

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>B141026</b>	45	76mm	76mm	2mm	38mm	10mm	9mm	21.5mm	6.97mm	19mm	25mm	29.5mm



### RECOMMENDED FASTENERS

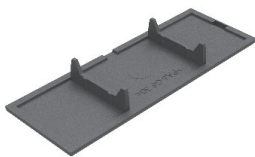
Part #	Qty	Description	Use For
<b>FC36300M</b>	4	M8 x 20mm SHCS & Drop In T-Nut	<b>B14026</b>
<b>FC36350M</b>	4	M8 x 25mm Drop-In T-Stud & Flanged Hex Nut	<b>B14026</b>

- 90 Degree Bracket
- Durable Connection
- Easily Repositioned

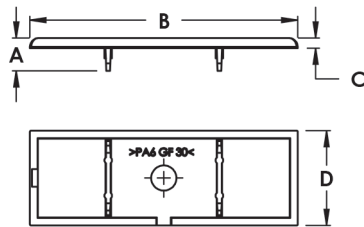
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## Cover Cap For 4 Hole Inside Corner Bracket

**F** = Fractional **M** = Metric



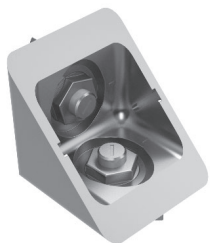
Part #	Series	A	B	C	D	For Part #
<b>H120389</b>	45	14mm	106mm	4mm	37.6mm	B141026



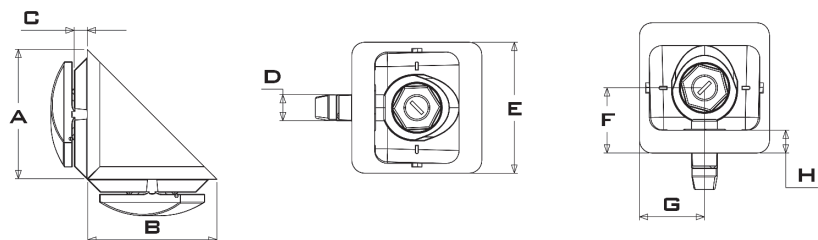
- Black nylon
- Used to create a cleaner look
- Used with part number B141026

## 40 x 40 Connection Angle w/Pre-Installed Nuts

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>B141789PP</b>	15, 40	40mm	40mm	4mm	8mm	40mm	20mm	20mm	7mm



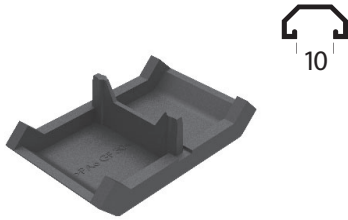
- 90 Degree Bracket
- Pre-installed hardware
- Easily Repositioned
- High strength

# Brackets & Joining Plates

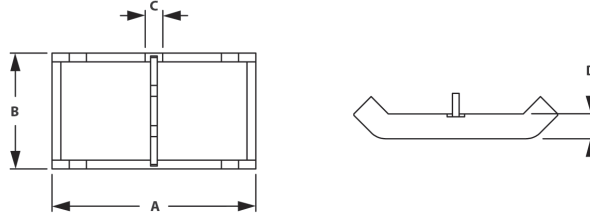
## Cover Cap for 40 x 40 Connection Angle w/Pre-Installed Nuts

**F** = Fractional

**M** = Metric



Part #	Series	A	B	C	D	For Part #
<b>H141809PP</b>	15, 40	56mm	40mm	3mm	4.8mm	B141789



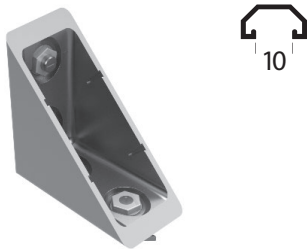
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- Black nylon
- Used to create a cleaner look
- Used with part number B141789

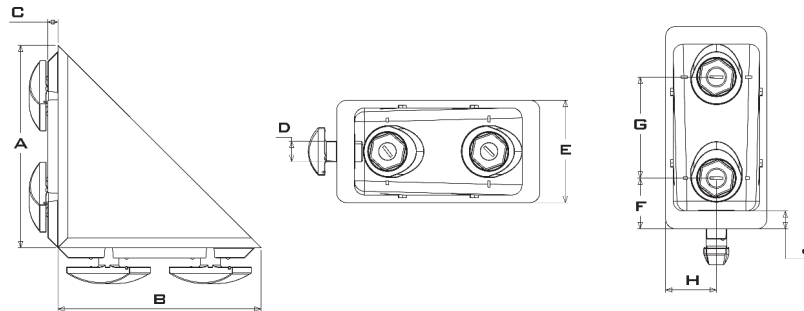
## 40 x 80 Connection Angle w/Pre-Installed Nuts

**F** = Fractional

**M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>B141799PP</b>	15, 40	80mm	80mm	4mm	8mm	40mm	20mm	40mm	20mm	7mm

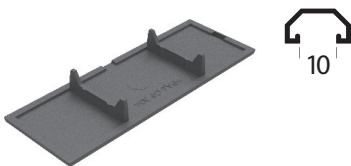


- 90 Degree Bracket
- Durable Connection
- Easily Repositioned
- Pre-installed hardware

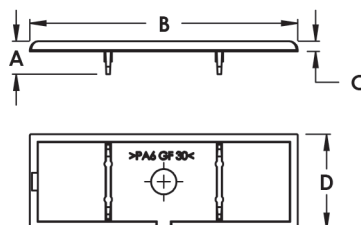
## Cover Cap for 40 x 80 Connection Angle w/Pre-Installed Nuts

**F** = Fractional

**M** = Metric



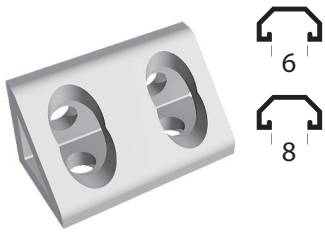
Part #	Series	A	B	C	D	For Part #
<b>H141819PP</b>	15, 40	15mm	112.5mm	5mm	40mm	B141799



- Black nylon
- Used with part number B141799

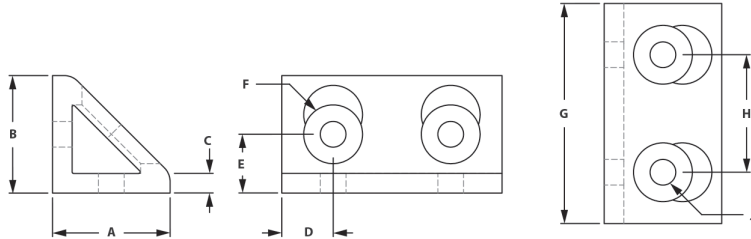
## 4 Hole Horizontal Inside Corner Gusset

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
*B41341	10	1.00	1.00	.188	.438	.500	.500	1.875	1.00	.281
*B43342	15	1.50	1.50	.250	.656	.750	.750	2.812	1.50	.328
*B43343	40	40mm	40mm	6mm	18mm	20mm	20mm	76mm	40mm	8.3mm

\* Also available in (BA) Black Anodized



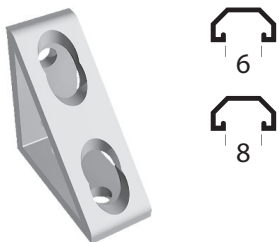
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	B41341
FC33650	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	B43342
FC34220M	4	M8 x 16mm BHSCS & Economy T-Nut	B43343

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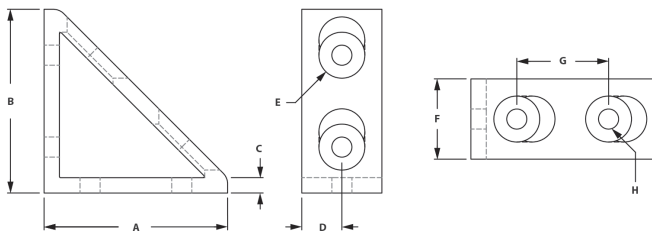
## 4 Hole Vertical Inside Corner Gusset

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
*B41361	10	2.00	2.00	.188	.438	.500	.875	1.00	.281
*B43362	15	3.00	3.00	.250	.655	.750	1.31	1.50	.328
*B43363	40	76.2mm	76.2mm	6.35mm	18mm	19mm	36mm	40mm	8.33mm

\* Also available in (BA) Black Anodized

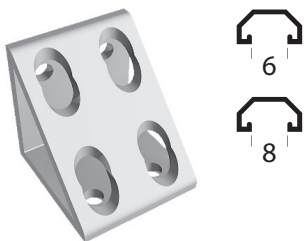


### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	B41361
FC33650	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	B43362
FC34220M	4	M8 x 16mm BHSCS & Economy T-Nut	B43363

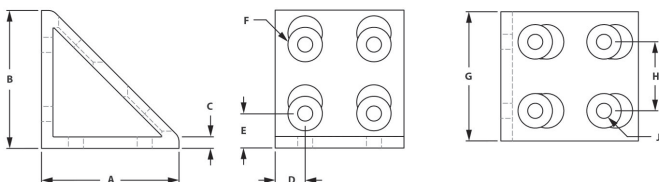
## 8 Hole Inside Corner Gusset

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
*B41381	10	2.00	2.00	.188	.438	.500	.500	1.875	1.00	.281
*B43382	15	3.00	3.00	.250	.655	.750	.750	2.810	1.50	.328
*B43383	40	76.2mm	76.2mm	6.35mm	18mm	20mm	19mm	76mm	40mm	6.35mm

\* Also available in (BA) Black Anodized



### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	8	1/4-20 x 1/2" BHSCS & Economy T-Nut	B41381
FC33650	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	B43382
FC34220M	8	M8 x 16mm BHSCS & Economy T-Nut	B43383

# Brackets & Joining Plates

## 8 Hole Horizontal Inside Corner Gusset

**F** = Fractional    **M** = Metric

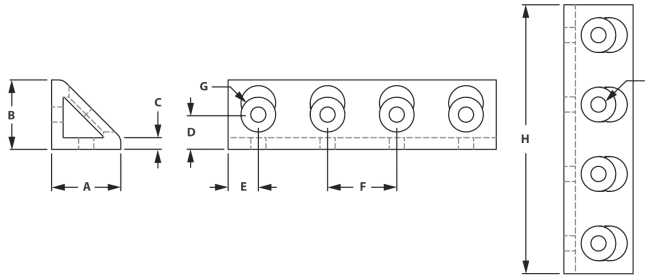


Part #	Series	A	B	C	D	E	F	G	H	J
<b>B43142</b>	15	1.50	1.50	.250	.750	.655	1.50	.750	5.810	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43142</b>

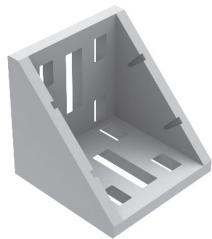
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- 90 Degree Bracket
- Durable Connection
- Easily Repositioned
- No machining required

## 8 Hole Inside Corner Bracket

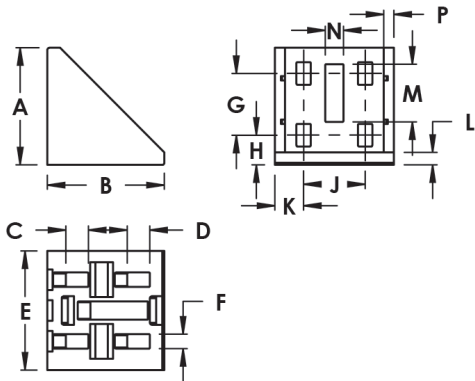
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P
<b>B140955</b>	30	57mm	57mm	9.75mm	11mm	57mm	7mm	29mm	15mm	30mm	13.5mm	6mm	38mm	9mm	3mm
<b>B141116</b>	45	86mm	86mm	4.03mm	22mm	21.5mm	9mm	40mm	15mm	45mm	21.5mm	10mm	40mm	9mm	6mm

### RECOMMENDED FASTENERS

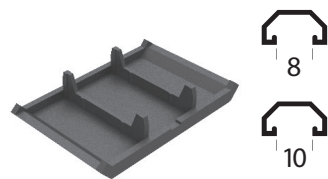
Part #	Qty	Description	Use For
<b>FC35930M</b>	8	M6 x 14mm SHCS & Drop-In T-Nut	<b>B140955</b>
<b>FC35930M</b>	8	M6 x 14mm SHCS & Drop-In T-Nut	<b>B140965</b>
<b>FC36300M</b>	8	M8 x 20mm SHCS & Drop-In T-Nut	<b>B141116</b>
<b>FC36350M</b>	8	M8 x 25mm Drop-In T-Nut Stud & Flanged Hex Nut	<b>B141116</b>



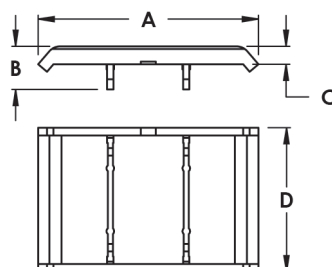
- 90 Degree Bracket
- Durable Connection
- Easily Repositioned
- No machining required

## Cover Cap For 8 Hole Inside Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	For Part #
<b>H120375</b>	30	87mm	17mm	7mm	57mm	B140955, B140965
<b>H120406</b>	45	131.8mm	20mm	3mm	87.6mm	B141116



- Black nylon
- Used to create a cleaner look
- 30 and 45 Series



## 16 Hole Inside Corner Gusset

**F** = Fractional    **M** = Metric

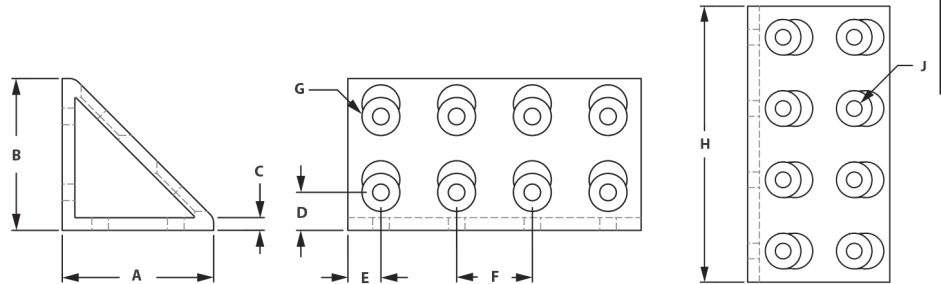


Part #	Series	A	B	C	D	E	F	G	H	J
<b>B43442</b>	15	3.00	3.00	.250	.750	.655	1.50	.750	5.810	.328

### RECOMMENDED FASTENERS

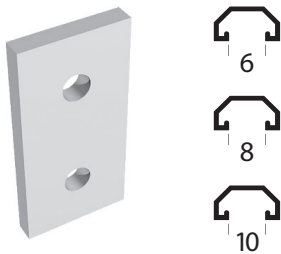
Part #	Qty	Description	Use For
<b>FC33650</b>	16	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B43442</b>

- 90 Degree
- Heavy Duty Connection
- Repositionable
- No machining required



## 2 Hole Joining Strip

**F** = Fractional    **M** = Metric



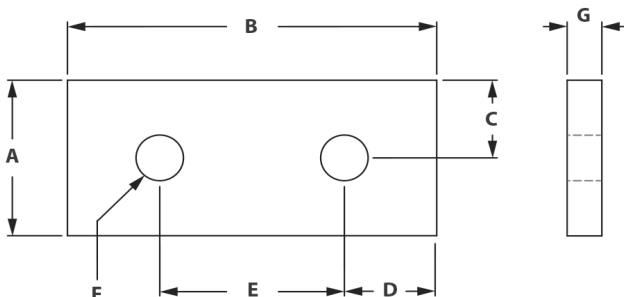
Part #	Series	A	B	C	D	E	F	G
<b>* J41071</b>	10	.875	2.00	.438	.500	1.00	.257	.188
<b>* J43072</b>	15	1.50	3.00	.750	.750	1.50	.328	.250
<b>J43075</b>	30	27mm	57mm	13.5mm	13.5mm	30mm	30mm	5mm
<b>J43073</b>	40	38.1mm	76.2mm	19mm	18.1mm	40mm	8.33mm	6.35mm
<b>J43076</b>	45	41mm	86mm	20.5mm	20.5mm	45mm	45mm	6mm

\* Also available in (BA) Black Anodized

- No machining required
- Easily repositioned
- Aluminum

### RECOMMENDED FASTENERS

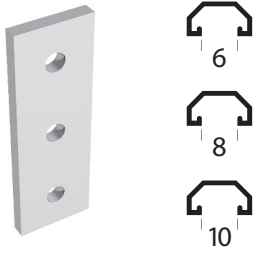
Part #	Qty	Description	Use For
<b>FC33930</b>	2	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41071</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43072</b>
<b>FC36000M</b>	2	M6 X 12mm BHSCS & Drop-In T-Nut	<b>J43075</b>
<b>FC36330M</b>	2	M6 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43075</b>
<b>FC34220M</b>	2	M8 x 16mm BHSCS & Economy T-Nut	<b>J43073</b>
<b>FC36190M</b>	2	M8 X 18mm BHSCS & Drop-In T-Nut	<b>J43076</b>
<b>FC36320M</b>	2	M8 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43076</b>



# Brackets & Joining Plates

## 3 Hole Joining Strip

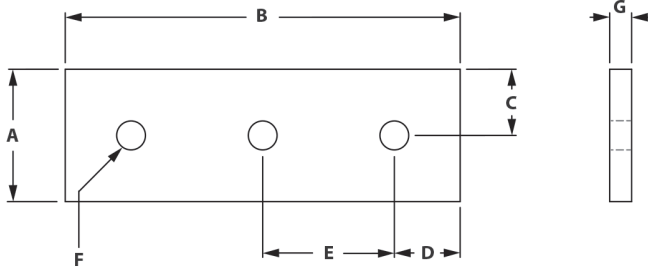
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G
<b>J41181</b>	10	.875	3.00	.438	.500	1.00	.257	.188
<b>J43062</b>	15	1.50	4.50	.750	.750	1.50	.328	.250
<b>J43065</b>	30	27mm	90mm	13.5mm	15mm	30mm	6.30mm	4mm
<b>J43063</b>	40	38.1mm	120mm	19mm	20mm	40mm	8.33mm	6.35mm
<b>J43066</b>	45	42mm	135mm	21mm	22.5mm	45mm	8.30mm	6mm

**4**

- No machining required
- Easily repositioned
- Aluminum
- Makes straight connection

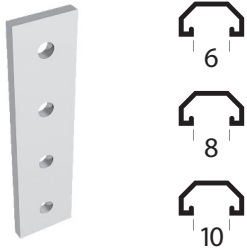


### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	3	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41181</b>
<b>FC33650</b>	3	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43062</b>
<b>FC36000M</b>	3	M6 x 12mm BHSCS & Drop-In T-Nut	<b>J43065</b>
<b>FC36330M</b>	3	M6 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43065</b>
<b>FC34220M</b>	3	M8 x 16mm BHSCS & Economy T-Nut	<b>J43063</b>
<b>FC36190M</b>	3	M8 x 18mm BHSCS & Drop-In T-Nut	<b>J43066</b>
<b>FC36320M</b>	3	M8 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43066</b>

## 4 Hole Joining Strip

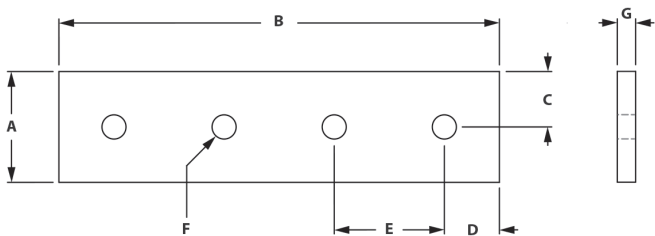
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G
<b>J41171</b>	10	.875	4.00	.438	.500	1.00	.257	.188
<b>*J43052</b>	15	1.490	6.00	.745	.750	1.50	.328	.250
<b>J43055</b>	30	27mm	117mm	13.5mm	15mm	30mm	7mm	4mm
<b>*J43053</b>	40	39.8mm	160mm	19.9mm	20mm	19.9mm	8.3mm	6mm
<b>J43056</b>	45	41mm	176mm	20.5mm	20.5mm	45mm	9mm	6mm

\* Also available in (BA) Black Anodized

- No machining required
- Easily repositioned
- Aluminum
- Makes straight connection

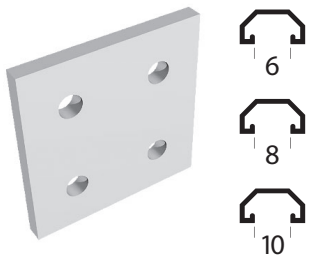


### RECOMMENDED FASTENERS

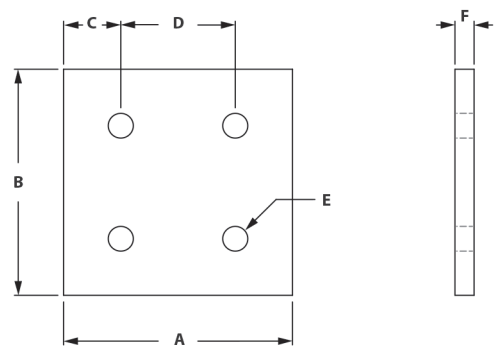
Part #	Qty	Description	Use For
<b>FC33930</b>	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41171</b>
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43052</b>
<b>FC36000M</b>	4	M6 x 12mm BHSCS & Drop-In T-Nut	<b>J43055</b>
<b>FC34220M</b>	4	M8 x 16mm BHSCS & Economy T-Nut	<b>J43053</b>
<b>FC36190M</b>	4	M8 x 18mm BHSCS & Drop-In T-Nut	<b>J43056</b>

## 4 Hole Joining Plate

**F** = Fractional    **M** = Metric



- No machining required
- Easily repositioned
- Makes straight connection



Part #	Series	A	B	C	D	E	F
*J41671	10	2.00	2.00	.500	1.00	.257	.188
*J43672	15	3.00	3.00	.750	1.50	.328	.250
J43675	30	57mm	57mm	13.5mm	30mm	7mm	5mm
J43673	40	76.2mm	76.2mm	18.11mm	40mm	8.33mm	6.35mm
J43676	45	86mm	86mm	20.5mm	45mm	9mm	6mm

\* Also available in (BA) Black Anodized

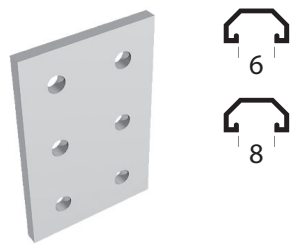
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41671
FC33650	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43672
FC36000M	4	M6 x 12mm BHSCS & Drop-In T-Nut	J43675
FC34220M	4	M8 x 16mm BHSCS & Economy T-Nut	J43673
FC36190M	4	M8 x 18mm BHSCS & Drop-In T-Nut	J43676

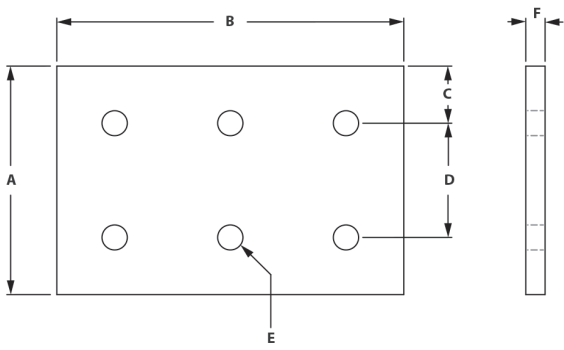
4

## 6 Hole Joining Plate

**F** = Fractional    **M** = Metric



- No machining required
- Easily repositioned
- Aluminum
- Makes straight connection



Part #	Series	A	B	C	D	E	F
J41661	10	2.00	3.00	.500	1.00	.257	.188
J43662	15	3.00	4.50	.750	1.50	.328	.250

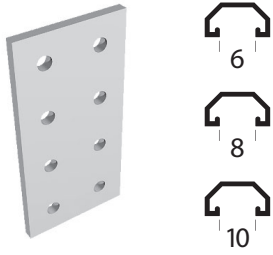
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41161
FC33650	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43662

# Brackets & Joining Plates

## 8 Hole Joining Plate

**F** = Fractional    **M** = Metric



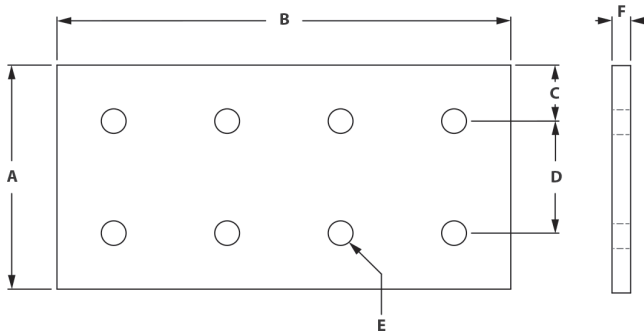
Part #	Series	A	B	C	D	E	F
J41651	10	2.00	4.00	.500	1.00	.257	.188
J43652	15	3.00	6.00	.750	1.50	.328	.250
J43655	30	57mm	117mm	13.5mm	30mm	7mm	5mm
J43653	40	76.2mm	160mm	18.11mm	40mm	8.33mm	6.35mm
J43656	45	86mm	176mm	20.5mm	45mm	9mm	6mm

4

- No machining required
- Easily repositioned
- Aluminum
- Makes straight connection

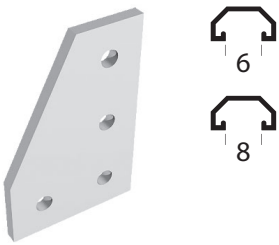
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	8	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41651
FC33650	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43652
FC36000M	8	M6 x 12mm BHSCS & Drop-In T-Nut	J43655
FC34220M	8	M8 x 16mm BHSCS & Economy T-Nut	J43653
FC36190M	8	M8 x 18mm BHSCS & Drop-In T-Nut	J43656



## 4 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric



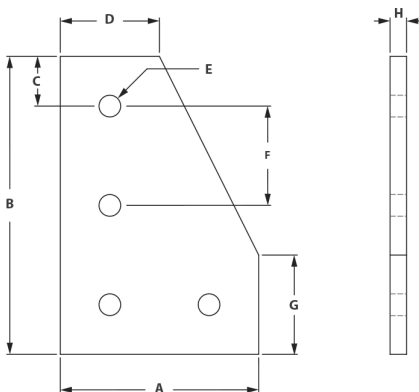
Part #	Series	A	B	C	D	E	F	G	H
*J41501	10	2.00	3.00	.500	1.00	.257	1.00	1.00	.188
J43502	15	3.00	4.50	.750	1.50	.328	1.50	1.50	.250
J43503	40	80mm	120mm	27mm	40mm	8.33mm	40mm	40mm	6mm

\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41501
FC33650	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43502
FC34220M	4	M8 x 16mm BHSCS & Economy T-Nut	J43503

- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection

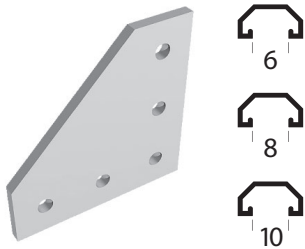




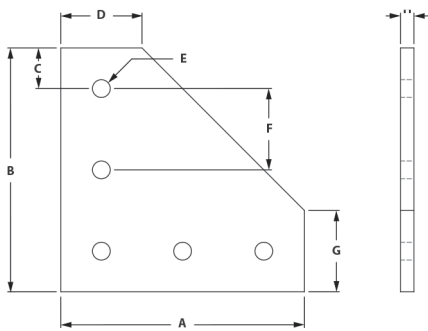
## 5 Hole 90° Joining Plate

**F** = Fractional

**M** = Metric



- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



Part #	Series	A	B	C	D	E	F	G	H
* J41511	10	3.00	3.00	.500	1.00	.257	1.00	1.00	.188
* J43512	15	4.50	4.50	.750	1.50	.328	1.50	1.50	.250
J43515	30	88.5mm	88.5mm	14.25mm	27mm	7mm	30mm	27mm	5mm
J43513	40	127mm	127mm	27mm	40mm	8.33mm	40mm	40mm	6.35mm
J43516	45	133mm	133mm	21.5mm	41mm	9mm	45mm	41mm	6mm

\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

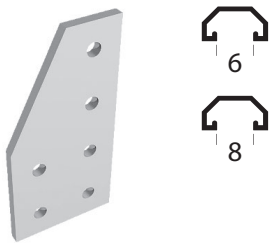
Part #	Qty	Description	Use For
FC33930	5	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41511
FC33650	5	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43512
FC36000M	5	M6 x 12mm BHSCS & Drop-In T-Nut	J43515
FC36330M	5	M6 x 20mm Drop-In T-Stud & Flanged Hex Nut	J43515
FC34220M	5	M8 x 16mm BHSCS & Economy T-Nut	J43513
FC36190M	5	M8 x 18mm BHSCS & Drop-In T-Nut	J43516
FC36320M	5	M8 x 20mm Drop-In T-Stud & Flanged Hex Nut	J43516

4

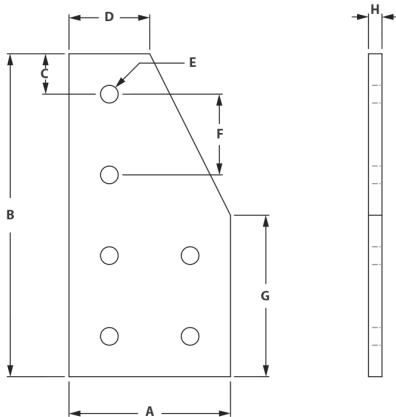
## 6 Hole 90° Joining Plate

**F** = Fractional

**M** = Metric



- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



Part #	Series	A	B	C	D	E	F	G	H
J41201	10	2.00	4.00	.500	1.00	.257	1.00	2.00	.188
J43202	15	3.00	6.00	.750	1.50	.328	1.50	3.00	.250
J43203	40	80mm	160mm	27mm	40mm	8.33mm	40mm	80mm	6mm

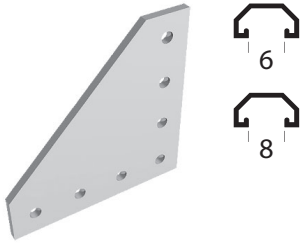
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	6	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41201
FC33650	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43202
FC34220M	6	M8 x 16mm BHSCS & Economy T-Nut	J43203

# Brackets & Joining Plates

## 7 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric



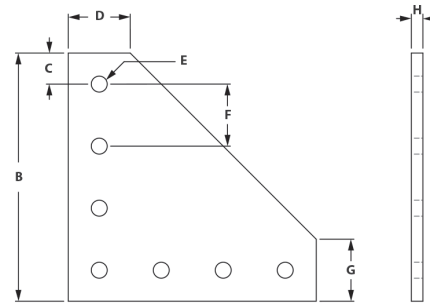
Part #	Series	A	B	C	D	E	F	G	H
J41521	10	4.00	4.00	.500	1.00	.257	1.00	1.00	.188
J43522	15	6.00	6.00	.750	1.50	.328	1.50	1.50	.250
J43523	40	152.4mm	152.4mm	16.2mm	40mm	8.33mm	40mm	36.2mm	6.35mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	7	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41521
FC33650	7	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43522
FC34220M	7	M8 x 16mm BHSCS & Economy T-Nut	J43523

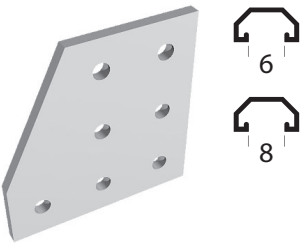
**4**

- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



## 7 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric

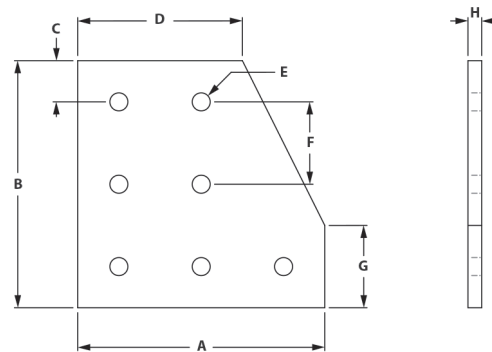


Part #	Series	A	B	C	D	E	F	G	H
J41291	10	3.00	3.00	.500	2.00	.257	1.00	1.00	.188
J43292	15	4.50	4.50	.750	3.00	.328	1.50	1.50	.250

### RECOMMENDED FASTENERS

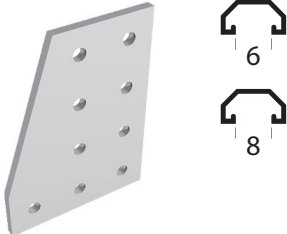
Part #	Qty	Description	Use For
FC33930	7	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41291
FC33650	7	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43292

- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



## 9 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric

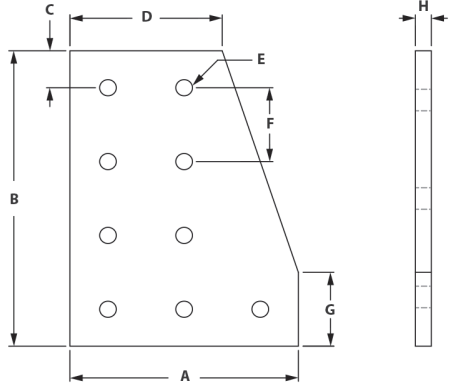


Part #	Series	A	B	C	D	E	F	G	H
<b>J43262</b>	15	4.50	6.00	.750	3.00	.328	1.50	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	9	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43262</b>

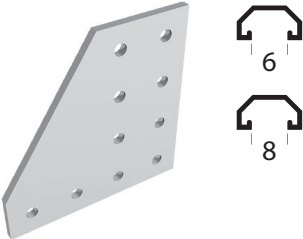
- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



**4**

## 10 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric

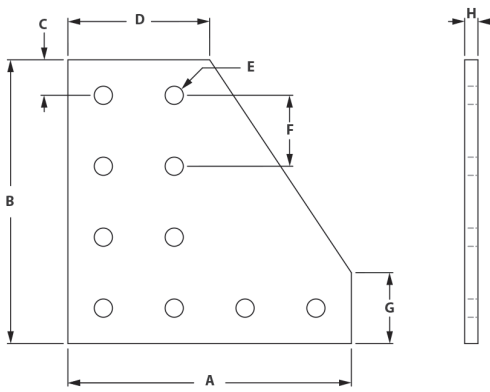


Part #	Series	A	B	C	D	E	F	G	H
<b>J41271</b>	10	4.00	4.00	.500	2.00	.257	1.00	1.00	.188
<b>J43272</b>	15	6.00	6.00	.750	3.00	.328	1.50	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	10	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41271</b>
<b>FC33650</b>	10	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J41272</b>

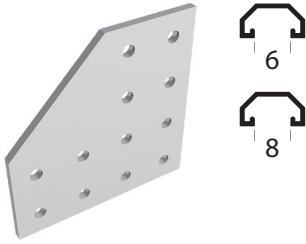
- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



# Brackets & Joining Plates

## 12 Hole 90° Joining Plate

**F** = Fractional    **M** = Metric



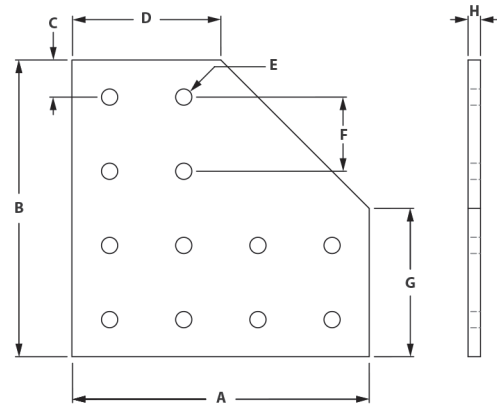
Part #	Series	A	B	C	D	E	F	G	H
J41281	10	4.00	4.00	.500	2.00	.257	1.00	2.00	.188
J43282	15	6.00	6.00	.750	3.00	.328	1.50	3.00	.250
J43283	40	152.4mm	152.4mm	16.2mm	76.2mm	8.33mm	40mm	76.2mm	6.35mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	12	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41281
FC33650	12	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43282
FC34220M	12	M8 x 16mm BHSCS & Economy T-Nut	J43283

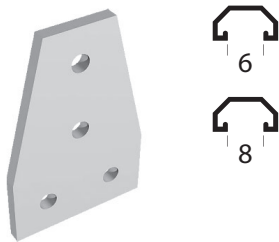
**4**

- No machining required
- Easily repositioned
- Aluminum
- Makes 90 degree connection



## 4 Hole Tee Joining Plate

**F** = Fractional    **M** = Metric



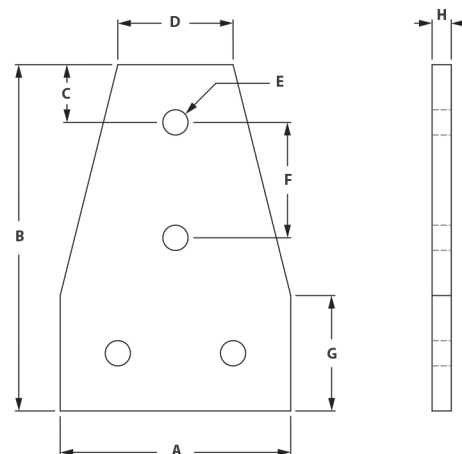
Part #	Series	A	B	C	D	E	F	G	H
J41411	10	2.00	2.50	.500	1.00	.257	1.00	1.00	.188
* J43412	15	3.00	4.50	.750	1.50	.328	1.50	1.50	.250

\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	4	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41411
FC33650	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43412

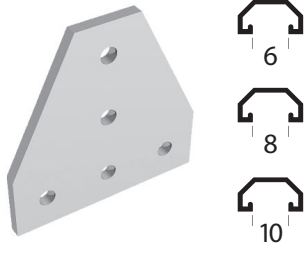
- No machining required
- Easily repositioned
- Aluminum
- Makes a "T" connection





## 5 Hole Tee Joining Plate

**F** = Fractional    **M** = Metric



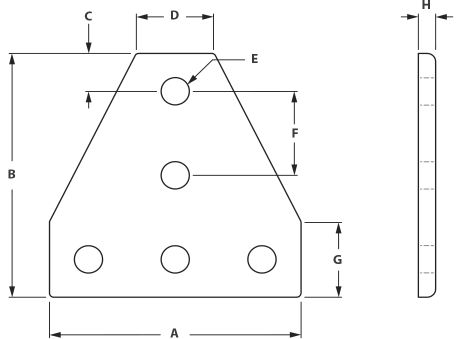
Part #	Series	A	B	C	D	E	F	G	H
<b>*J41401</b>	10	3.00	3.00	.500	1.00	.257	1.00	1.00	.188
<b>J43402</b>	15	4.50	4.50	.750	1.50	.328	1.50	1.50	.250
<b>J43405</b>	30	87mm	87mm	13.5mm	27mm	7mm	30mm	27mm	5mm
<b>*J43403</b>	40	114.3mm	114.3mm	17.1mm	38.1mm	8.33mm	40mm	38.1mm	6.35mm
<b>J43406</b>	45	131mm	131mm	20.5mm	41mm	9mm	45mm	41mm	6mm

\* Also available in (BA) Black Anodized

- No machining required
- Aluminum
- Makes a "T" connection
- Easily assembled

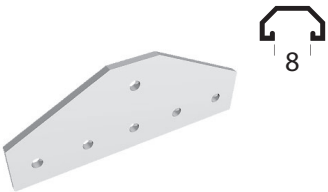
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	5	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41401</b>
<b>FC33650</b>	5	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43402</b>
<b>FC36000M</b>	5	M6 x 12mm BHSCS & Drop-In T-Nut	<b>J43405</b>
<b>FC36330M</b>	5	M6 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43405</b>
<b>FC34220M</b>	5	M8 x 16mm BHSCS & Economy T-Nut	<b>J43403</b>
<b>FC36190M</b>	5	M8 x 18mm BHSCS & Drop-In T-Nut	<b>J43406</b>
<b>FC36320M</b>	5	M8 x 20mm Drop-In T-Stud & Flanged Hex Nut	<b>J43406</b>



## 6 Hole Tee Joining Plate

**F** = Fractional    **M** = Metric

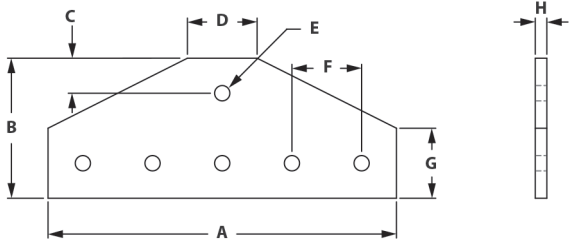


Part #	Series	A	B	C	D	E	F	G	H
<b>J43102</b>	15	7.50	3.00	.750	1.50	.328	1.50	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43102</b>

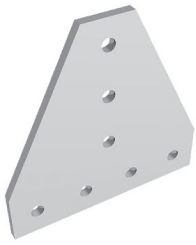
- No machining required
- Aluminum
- Makes a "T" connection
- Easily assembled



# Brackets & Joining Plates

## 7 Hole Tee Joining Plate

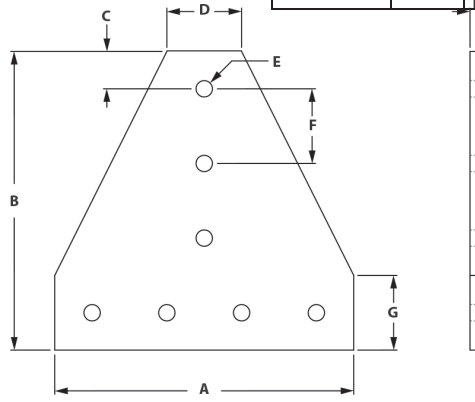
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
J41121	10	4.00	4.00	.500	1.00	.257	1.00	1.00	.188
J43122	15	6.00	6.00	.750	1.50	.328	1.50	1.50	.250
J43123	40	152.4mm	152.4mm	16.2mm	40mm	8.33mm	40mm	40mm	6.35mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
FC33930	7	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41121
FC33650	7	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43122
FC34220M	7	M8 x 16mm BHSCS & Economy T-Nut	J43123

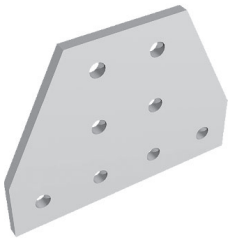


4

- No machining required
- Aluminum
- Makes a "T" connection
- Easily assembled

## 8 Hole Tee Joining Plate

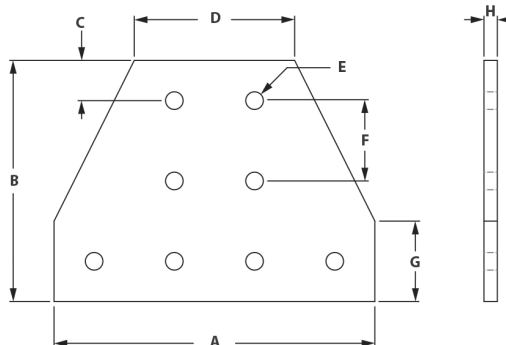
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
J41551	10	4.00	3.00	.500	2.00	.257	1.00	1.50	.188
J43552	15	6.00	4.50	.750	3.00	.328	1.50	1.50	.250
J43556	45	180mm	135mm	22.5mm	90mm	8.3mm	45mm	45mm	6mm

### RECOMMENDED FASTENERS

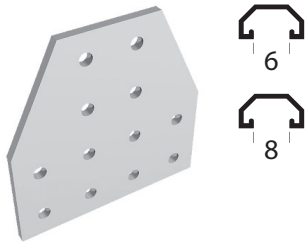
Part #	Qty	Description	Use For
FC33930	8	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41551
FC33650	8	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43552
FC36190M	8	M8 x 18mm BHSCS & Drop-IN T-Nut	J43556



- No machining required
- Aluminum
- Makes a "T" connection
- Easily assembled

## 12 Hole Tee Joining Plate

**F** = Fractional    **M** = Metric

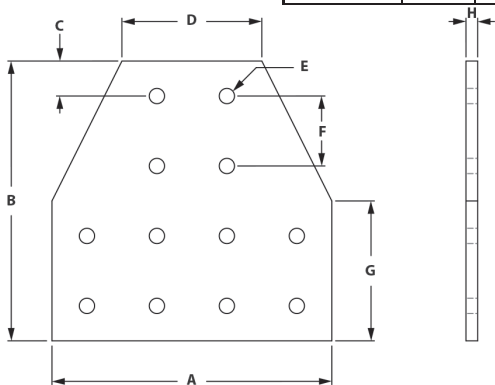


Part #	Series	A	B	C	D	E	F	G	H
J41251	10	4.00	4.00	.500	2.00	.257	1.00	2.00	.188
J43252	15	6.00	6.00	.750	3.00	.328	1.50	3.00	.250
J43253	40	160mm	160mm	20mm	80mm	8.3mm	40mm	80mm	6mm

- No machining required
- Aluminum
- Makes a "T" connection
- Easily assembled

### RECOMMENDED FASTENERS

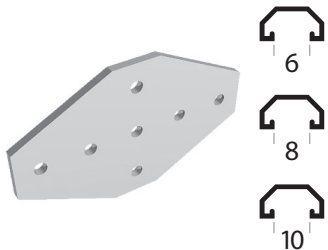
Part #	Qty	Description	Use For
FC33930	12	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41251
FC33650	12	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43252
FC34220M	12	M8 x 16mm BHSCS & Economy T-Nut	J43253



4

## 7 Hole Cross Joining Plate

**F** = Fractional    **M** = Metric

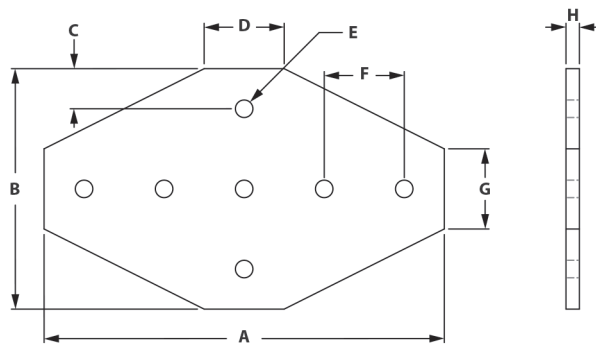


Part #	Series	A	B	C	D	E	F	G	H
J41351	10	4.50	3.00	.500	1.00	.257	1.00	1.00	.188
J43352	15	7.50	4.50	.750	1.50	.328	1.50	1.50	.250
J43355	30	150mm	90mm	30mm	30mm	6.3mm	30mm	30mm	4mm
J43356	45	225mm	135mm	22.5mm	45mm	8.3mm	45mm	45mm	6mm

- No machining required
- Aluminum
- Joins two or more profiles or makes a 4-way connection hub
- Easily assembled

### RECOMMENDED FASTENERS

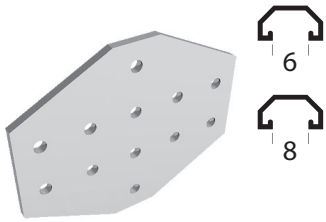
Part #	Qty	Description	Use For
FC33930	7	1/4-20 x 1/2" BHSCS & Economy T-Nut	J41351
FC33650	7	5/16-18 x 5/8" BHSCS & Economy T-Nut	J43352
FC34120M	7	M6 x 12mm BHSCS & Economy T-Nut	J43355
FC34220M	7	M8 x 16mm BHSCS & Economy T-Nut	J43356



# Brackets & Joining Plates

## 12 Hole Cross Joining Plate

**F** = Fractional    **M** = Metric



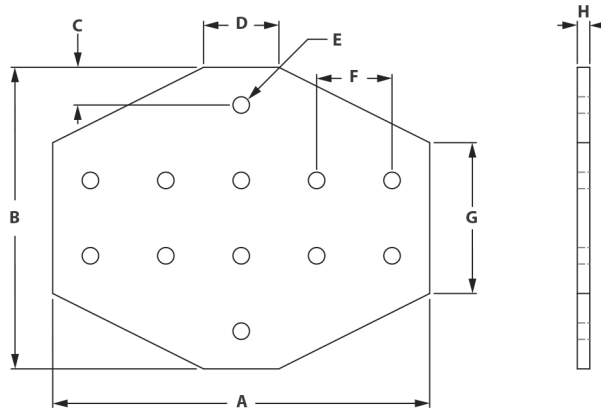
Part #	Series	A	B	C	D	E	F	G	H
<b>J41601</b>	10	5.00	4.00	.500	1.00	.257	1.00	2.00	.188
<b>J43602</b>	15	7.50	6.00	.750	1.50	.328	1.50	3.00	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	12	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41601</b>
<b>FC33650</b>	12	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43602</b>

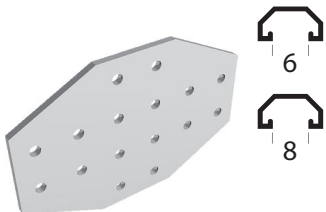
**4**

- No machining required
- Aluminum
- Joins two or more profiles or makes a 4-way connection hub
- Easily assembled



## 16 Hole Cross Joining Plate

**F** = Fractional    **M** = Metric

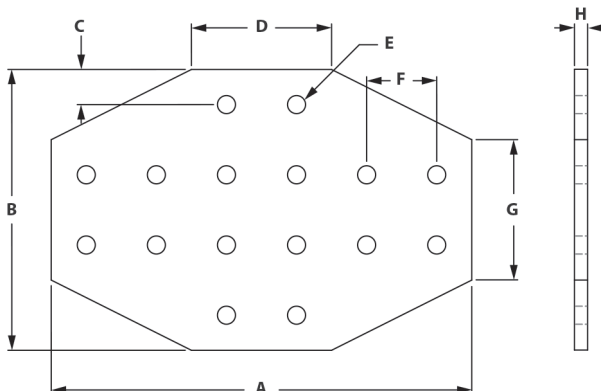


Part #	Series	A	B	C	D	E	F	G	H
<b>J41901</b>	10	6.00	4.00	.500	2.00	.257	1.00	2.00	.188
<b>J43702</b>	15	9.00	6.00	.750	3.00	.328	1.50	3.00	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	16	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J41701</b>
<b>FC33650</b>	16	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43702</b>

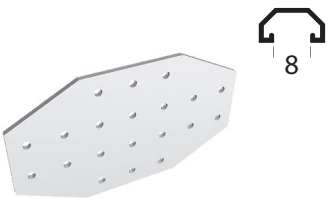
- No machining required
- Aluminum
- Joins two or more profiles or makes a 4-way connection hub
- Easily assembled





## 20 Hole Cross Joining Plate

**F** = Fractional    **M** = Metric

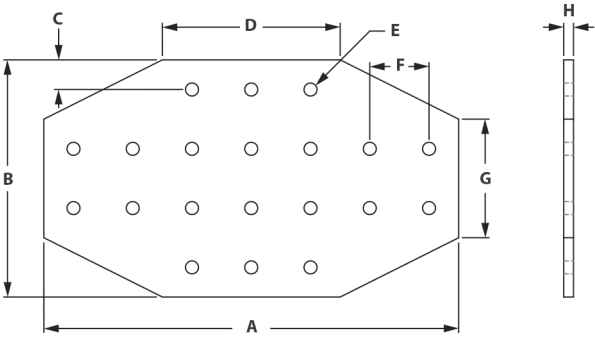


Part #	Series	A	B	C	D	E	F	G	H
<b>J44232</b>	15	10.5	6.00	.750	4.50	.3280	1.50	3.00	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	20	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J44232</b>

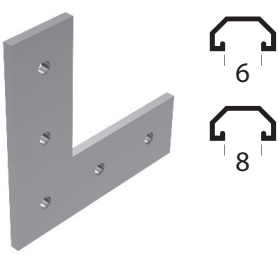
- No machining required
- Aluminum
- Joins two or more profiles or makes a 4-way connection hub
- Easily assembled



**4**

## 5 Hole L-Shaped Joining Plate

**F** = Fractional    **M** = Metric



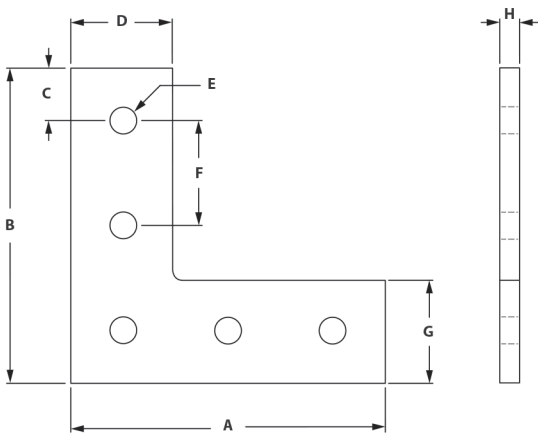
Part #	Series	A	B	C	D	E	F	G	H
<b>*J40811</b>	10	3.00	3.00	.500	.971	.257	1.00	.971	.188
<b>*J44812</b>	15	4.50	4.50	.750	1.46	.328	1.50	1.46	.250

\* Also available in (BA) Black Anodized

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	5	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>J40811</b>
<b>FC33650</b>	5	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J44812</b>

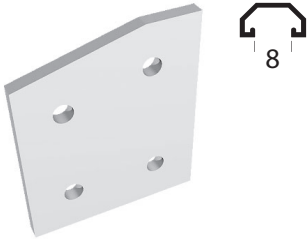
- No machining required
- Aluminum
- Used to create a 90 degree angle corner connection
- Easily assembled



# Brackets & Joining Plates

## 4 Hole 15° Angle Joining Plate

**F** = Fractional    **M** = Metric



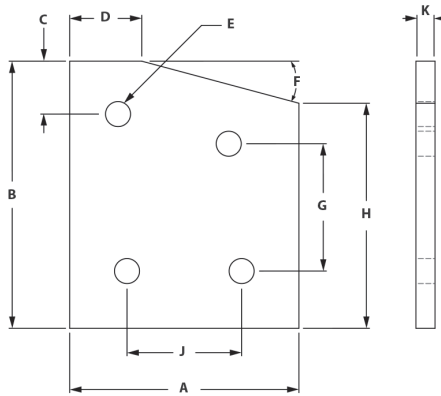
Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43162</b>	15	3.00	3.50	.750	.943	.328	15°	1.669	2.949	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43162</b>

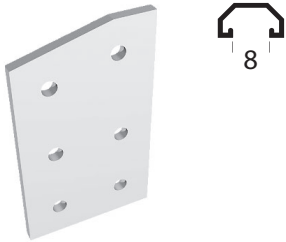
**4**

- No machining required
- Aluminum
- Creates a 15 degree angle between profiles
- Easily assembled



## 6 Hole 15° Angle Joining Plate

**F** = Fractional    **M** = Metric

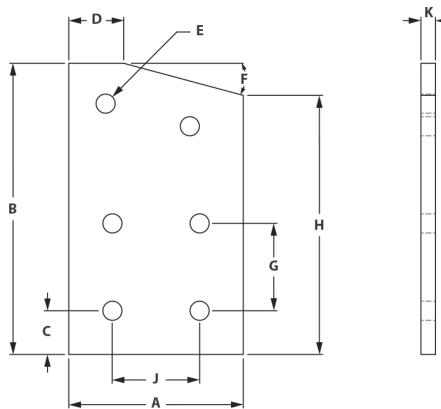


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J431562</b>	15	3.00	5.00	.750	.943	.328	15°	1.50	4.449	1.50	.250

### RECOMMENDED FASTENERS

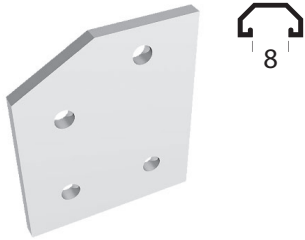
Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43152</b>

- No machining required
- Aluminum
- Creates a 15 degree angle between profiles
- Easily assembled



## 4 Hole 30° Angle Joining Plate

**F** = Fractional    **M** = Metric

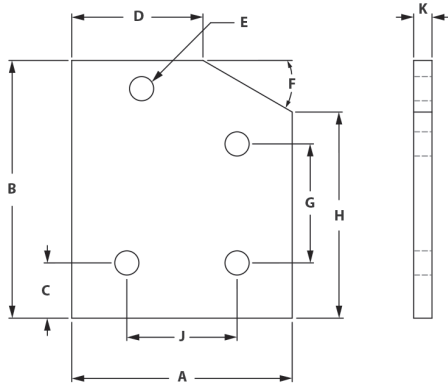


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43312</b>	15	3.00	3.50	.750	1.786	.328	30°	1.616	2.799	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43312</b>

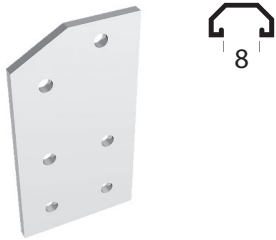
- No machining required
- Creates a 30 degree angle between profiles
- Easily assembled
- Aluminum



**4**

## 6 Hole 30° Angle Joining Plate

**F** = Fractional    **M** = Metric

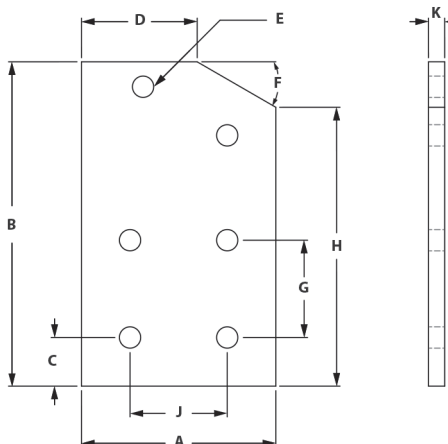


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43302</b>	15	3.00	5.00	.750	1.786	.328	30°	1.50	4.299	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43302</b>

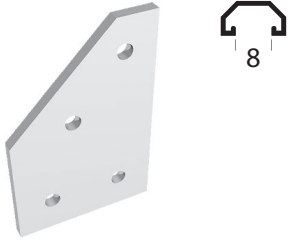
- No machining required
- Creates a 30 degree angle between profiles
- Easily assembled
- Aluminum



# Brackets & Joining Plates

## 4 Hole 45° Angle Joining Plate

**F** = Fractional    **M** = Metric



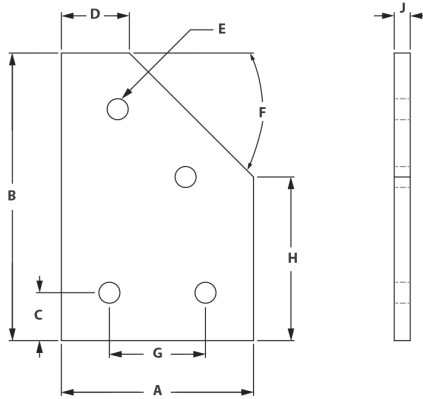
Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43462</b>	15	3.00	5.00	.750	1.786	.329	30°	1.50	4.299	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43462</b>

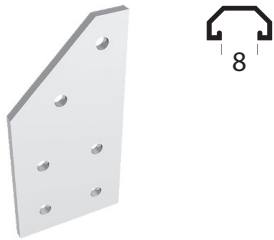
**4**

- No machining required
- Creates a 45 degree angle between profiles
- Easily assembled
- Aluminum



## 6 Hole 45° Angle Joining Plate

**F** = Fractional    **M** = Metric

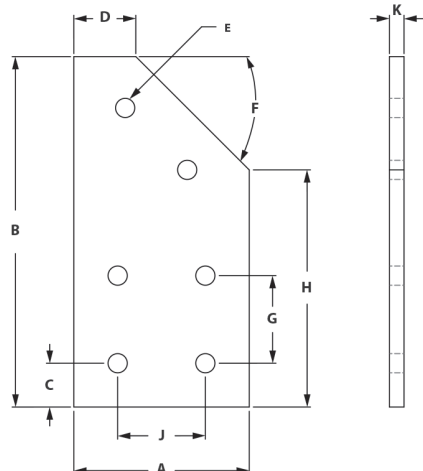


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43452</b>	15	3.00	6.00	.750	1.061	.328	45°	1.50	4.061	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43452</b>

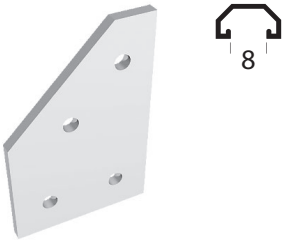
- No machining required
- Creates a 45 degree angle between profiles
- Easily assembled
- Aluminum





**F** = Fractional    **M** = Metric

## 4 Hole 60° Angle Joining Plate

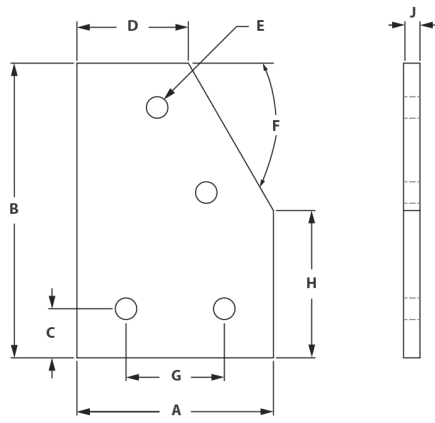


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43612</b>	15	3.00	4.50	.750	1.701	.328	60°	1.50	2.250	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43612</b>

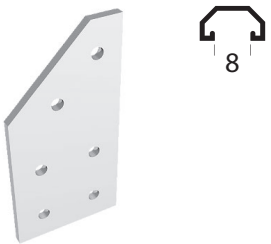
- No machining required
- Creates a 60 degree angle between profiles
- Easily assembled
- Aluminum



**4**

## 6 Hole 60° Angle Joining Plate

**F** = Fractional    **M** = Metric

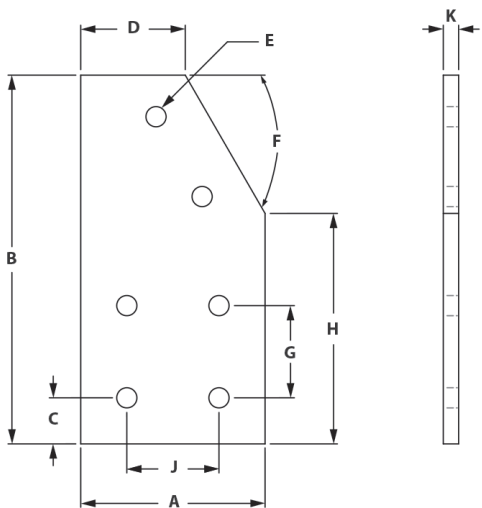


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>J43622</b>	15	3.00	4.50	.750	1.701	.329	60°	1.50	2.250	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	6	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43622</b>

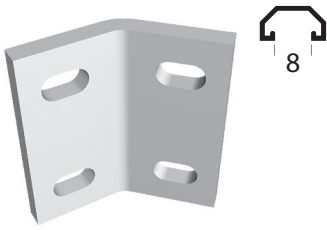
- No machining required
- Creates a 60 degree angle between profiles
- Easily assembled
- Aluminum



# Brackets & Joining Plates

## 4 Hole 45° Inside Joining Plate

**F** = Fractional    **M** = Metric



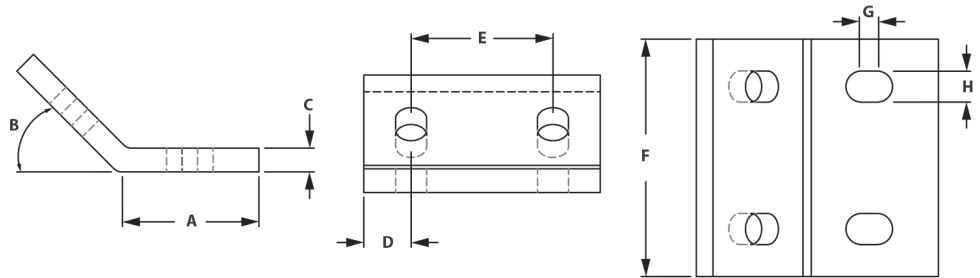
Part #	Series	A	B	C	D	E	F	G	H
<b>J43692</b>	15	1.34	45°	.250	.500	1.50	2.50	.500	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33650</b>	4	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J43692</b>

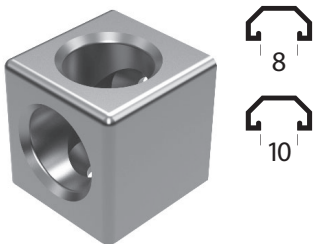
**4**

- No machining required
- Creates a 45 degree angle between profiles
- Aluminum



## 2 Way Square Corner Connector

**F** = Fractional    **M** = Metric

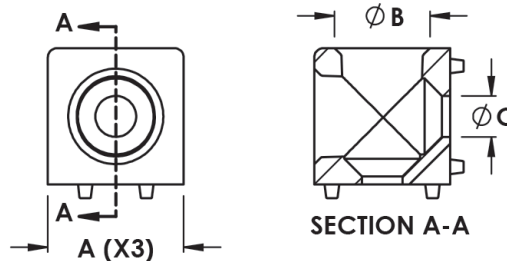


- Creates a squared corner connection between profiles
- Requires end tap machining on adjoining profiles
- Cover caps included

Part #	Series	A	B	C
<b>B141761PP</b>	10	1.00	.500	.280
<b>B141762</b>	15	1.50	.750	.315
<b>B141705</b>	30	30mm	18mm	9mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC30170</b>	3	1/4-20 x 1" LHSCS	<b>B141761PP</b>
<b>FC30180</b>	3	5/16-18 x 1 1/4" LHSCS	<b>B141762</b>
<b>F83200M</b>	3	M8 x 20mm BHSCS	<b>B141705</b>



## 3 Way Square Tri Corner

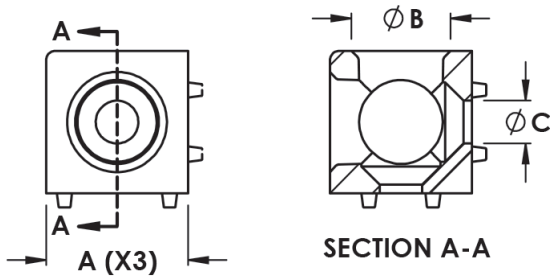
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C
<b>B40421</b>	10	1.00	.500	.280
<b>B44422</b>	15	1.50	.750	.500
<b>B141715</b>	30	30mm	18mm	9mm
<b>B141733</b>	40	40mm	24mm	12.5mm
<b>B141756</b>	45	45mm	24mm	13mm

### RECOMMENDED FASTENERS

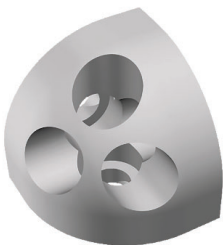
Part #	Qty	Description	Use For
<b>FC30170</b>	3	1/4-20 x 1" LHSCS	<b>B40421</b>
<b>FC30180</b>	3	5/16-18 x 1 1/4" LHSCS	<b>B44422</b>
<b>F83200M</b>	3	M8 x 20mm BHSCS	<b>B141715</b>
<b>F87200M</b>	3	M8 x 20mm FHSCS	<b>B141733</b>
<b>F130030M</b>	3	M12 x 30mm BHSCS	<b>B141756</b>



4

## Rounded Tri Corner

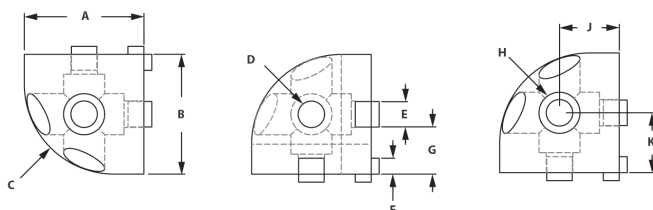
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B40411</b>	10	1.00	1.00	.750	.257	.244	.117	.378	.406	.500	.500
<b>B44412</b>	15	1.50	1.50	1.125	.328	.310	.200	.595	.515	.750	.750

### RECOMMENDED FASTENERS

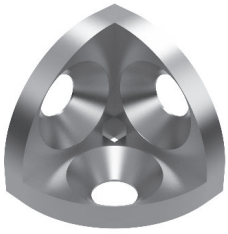
Part #	Qty	Description	Use For
<b>F30170</b>	3	1/4-20 x 1" LHSCS	<b>B40411</b>
<b>F30180</b>	3	5/16-18 x 1 1/4" LHSCS	<b>B44412</b>



# Brackets & Joining Plates

## 3-Way Rounded Corner Bracket

**F** = Fractional    **M** = Metric

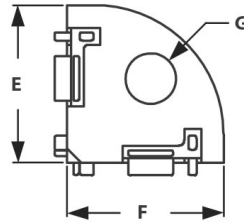
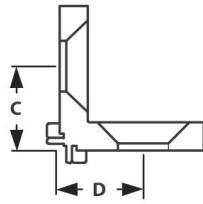
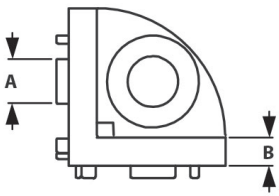


Part #	Series	A	B	C	D	E	F	G
<b>B141125</b>	30	8mm	5mm	15mm	15mm	28mm	28mm	9mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>F87160M</b>	3	M8 x 16mm FHSCS	<b>B141125</b>

4



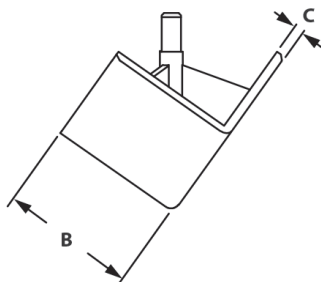
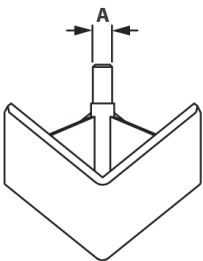
## Cover Cap for 3-Way Rounded Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C
<b>H120415</b>	30	4.2mm	30mm	2mm

No Fasteners Required





# Corner & Transition Brackets

## 2 Hole 10 to 15 Transition Inside Corner Bracket

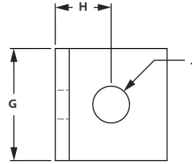
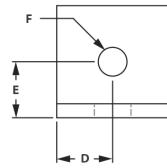
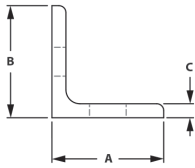
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>B45098</b>	10 to 15	1.00	1.00	.125	.500	.500	.257	1.00	.500	.328
<b>B45038</b>	10 to 15	1.50	1.50	.188	.438	.750	.328	.875	.750	.257

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC34160</b>	1	1/4-20 x 3/8" BHSCS & Economy T-Nut	<b>B45098</b>
<b>FC33140</b>	1	5/16-18 x 1/2" BHSCS & Economy T-Nut	<b>B45098</b>
<b>FC33930</b>	1	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B45038</b>
<b>FC33650</b>	1	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>B45038</b>



4

## 10 to 15 Series - 4 Hole Double Wide Transition Bracket

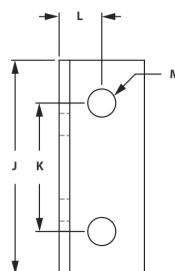
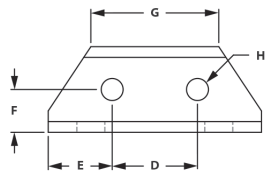
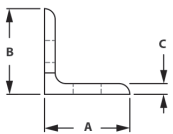
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>B45118</b>	10 to 15	1.00	1.00	.125	1.00	.750	.500	1.50	.257	2.50	1.50	.500	.328
<b>B45128</b>	10 to 15	1.50	1.50	.188	1.50	.750	.750	1.50	.257	2.50	1.50	.750	.328

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC34160</b>	2	1/4-20 x 3/8" BHSCS & Economy T-Nut	<b>B45118</b>
<b>FC33140</b>	2	5/16-18 x 1/2" BHSCS & Economy T-Nut	<b>B45118</b>
<b>FC33930</b>	2	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>B45128</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B45128</b>

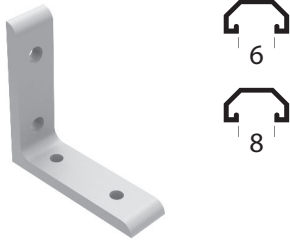


# Brackets & Joining Plates

## 10 to 15 Series - 4 Hole Transition Inside Corner Bracket

**F** = Fractional

**M** = Metric

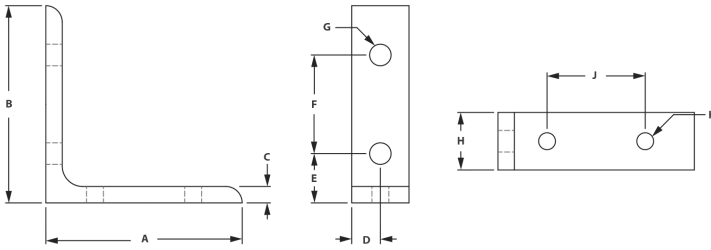


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>B45048</b>	10 to 15	3.00	3.00	.250	.438	.750	1.50	.328	.875	1.50	.257

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	2	1/4-20 x 1/2 BHSCS & Economy T-Nut	<b>B45048</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>B45048</b>

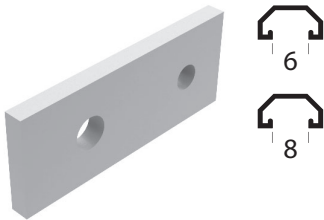
4



## 10 to 15 Series - 2 Hole Transition Joining Strip

**F** = Fractional

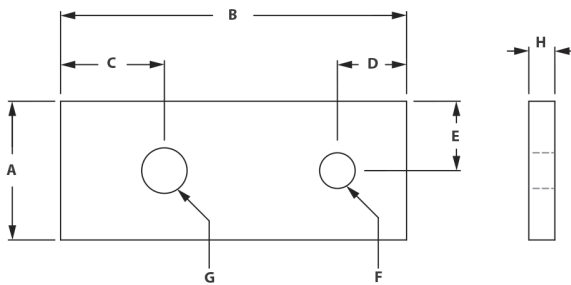
**M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>J45108</b>	10 to 15	1.00	2.50	.750	.500	.500	.257	.328	.188

### RECOMMENDED FASTENERS

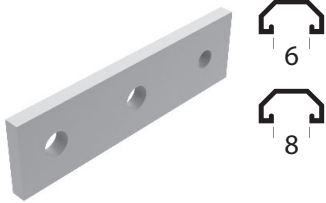
Part #	Qty	Description	Use For
<b>FC33930</b>	1	1/4-20 x 1/2 BHSCS & Economy T-Nut	<b>J45108</b>
<b>FC33650</b>	1	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J45108</b>



# Transition Brackets & Strips

## 10 to 15 Series - 3 Hole Transition Joining Strip

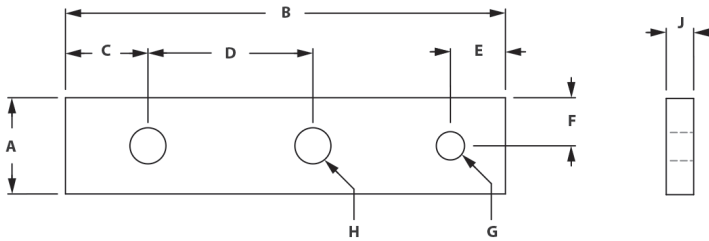
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>J45058</b>	10 to 15	.875	4.00	.750	1.50	.500	.438	.257	.328	.250

### RECOMMENDED FASTENERS

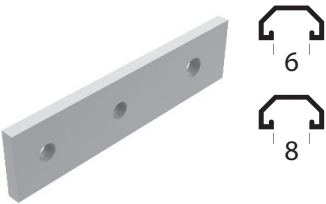
Part #	Qty	Description	Use For
<b>FC33930</b>	1	1/4-20 x 1/2 BHSCS & Economy T-Nut	<b>J45058</b>
<b>FC33650</b>	2	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J45058</b>



**4**

## 10 to 15 Series - 3 Hole Transition Joining Strip

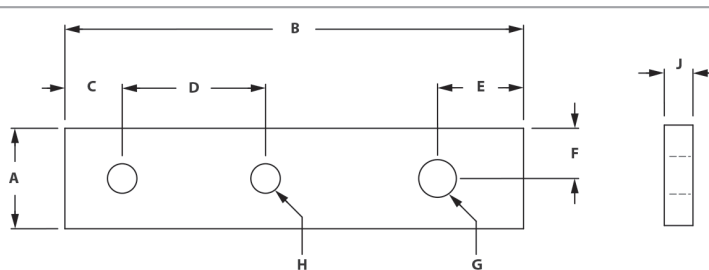
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>J45068</b>	10 to 15	.875	4.00	.500	1.25	.750	.438	.328	.257	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	2	1/4-20 x 1/2 BHSCS & Economy T-Nut	<b>J45068</b>
<b>FC33650</b>	1	5/16-18 x 5/8" BHSCS & Economy T-Nut	<b>J45068</b>



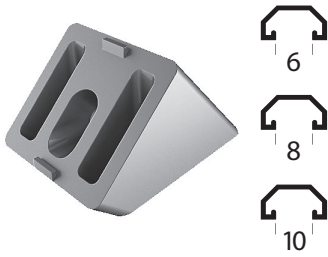
# Brackets & Joining Plates

## 45° Single Angle Connector

**U** = Universal

**F** = Fractional

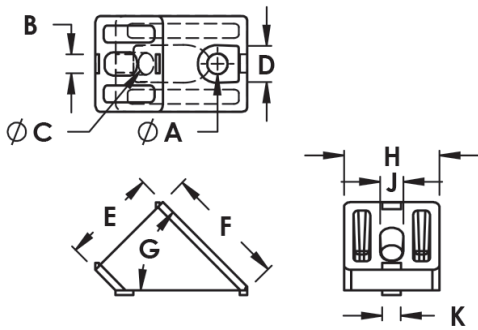
**M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
J141201PP	10	.256	.256	.266	.472	1.00	1.26	45°	1.00	.268	.256
J141192PP	15	.335	.335	.350	.620	1.50	1.84	45°	1.50	.350	8
J141215PP	30	8.5mm	8mm	8.5mm	15.5mm	30mm	37mm	45°	30mm	8.5mm	8
J141183	40	8.5mm	8mm	9mm	15.5mm	40mm	50.9mm	45°	40mm	10mm	8
J141226PP	45	8.5mm	10mm	8.5mm	12.8mm	45mm	54mm	45°	45mm	12.8mm	10

New \*

4

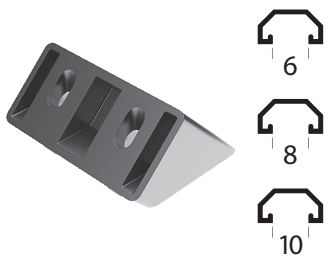


## 45° 4 Hole Double Angle Connector

**U** = Universal

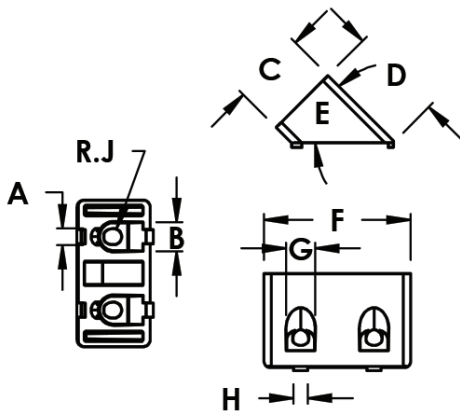
**F** = Fractional

**M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
J141231PP	10	.256	.472	1.00	1.26	45°	2.00	.268	.256	.256
J141242PP	15	.315	.315	1.50	1.85	45°	3.00	.340	.315	.335
J141255PP	30	8	16mm	30mm	37mm	45°	60mm	8.7mm	8	8.5mm
J141263PP	40	8	16mm	40mm	51mm	45°	80mm	8.8mm	8	8.5mm
J141276PP	45	10	12.8mm	45mm	54mm	45°	90mm	12.8mm	10	8.5mm

New \*





## 45° Support

**U** = Universal    **F** = Fractional    **M** = Metric



- Create 45° supports without external joining plates or connectors.
- Custom lengths to your specifications.

**All 45° supports have hardware already attached and come as an assembly. G & S designates grooved & smooth**

Part #	Series	Description	Included Hardware
H25651G	10	1010G x 6" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25651S	10	1010S x 6" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25701G	10	1010G x 12" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25701S	10	1010S x 12" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25751G	10	1010G x 18" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25751S	10	1010S x 18" 45° Support	(2) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25661G	10	1020G x 6" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25661S	10	1020S x 6" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25671G	10	1020G x 12" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25671S	10	1020S x 12" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25681G	10	1020S x 18" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25681G	10	1020S x 18" 45° Support	(4) 1/4-20 x 5/8" SHCS, Washer & Economy T-Nut
H25252G	15	1515G x 6" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25252S	15	1515S x 6" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25352G	15	1515G x 12" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25352S	15	1515S x 12" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25452G	15	1515G x 18" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25452S	15	1515S x 18" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25552G	15	1515G x 24" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25552S	15	1515S x 24" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25612G	15	1515G-Lite x 12" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25612S	15	1515S-Lite x 12" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25622G	15	1515G-Lite x 6" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25622S	15	1515S-Lite x 6" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25632G	15	1515G-Lite x 18" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25632S	15	1515S-Lite x 18" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25642G	15	1515G-Lite x 24" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25642S	15	1515S-Lite x 24" 45° Support	(2) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25302G	15	1530G x 6" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25302S	15	1530S x 6" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25402G	15	1530G x 12" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25402S	15	1530S x 12" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25502G	15	1530G x 18" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25502S	15	1530S x 18" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25602G	15	1530G x 24" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25602S	15	1530S x 24" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25782G	15	1530G-Lite x 6" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25782S	15	1530S-Lite x 6" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25792G	15	1530G-Lite x 12" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25792S	15	1530S-Lite x 12" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25802G	15	1530G-Lite x 18" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25802S	15	1530S-Lite x 18" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25812G	15	1530G-Lite x 24" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25812S	15	1530S-Lite x 24" 45° Support	(4) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25262S	15	1545S x 6" 45° Support	(6) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
H25312S	15	1545S x 12" 45° Support	(6) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut

# Brackets & Joining Plates

## 45° Support (Cont.)

**U** = Universal    **F** = Fractional    **M** = Metric



**4**

- Create 45° supports without external joining plates or connectors.
- Custom lengths to your specifications.

**All 45° supports have hardware already attached and come as an assembly. G & S designates grooved & smooth**

Part #	Series	Description	Included Hardware
<b>H25362S</b>	15	1545S x 18" 45° Support	(6) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
<b>H25412S</b>	15	1545S x 24" 45° Support	(6) 5/16-18 x 3/4" SHCS, Washer & Economy T-Nut
<b>H25655</b>	30	30-3030 x 160mm 45° Support	(6) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25705</b>	30	30-3030 x 320mm 45° Support	(6) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25755</b>	30	30-3030 x 480mm 45° Support	(6) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25665</b>	30	30-3060 x 160mm 45° Support	(12) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25675</b>	30	30-3060 x 320mm 45° Support	(12) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25685</b>	30	30-3060 x 480mm 45° Support	(12) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25695</b>	30	30-3060 x 640mm 45° Support	(12) M8 x 16mm SHCS, Washer & Economy T-Nut
<b>H25253</b>	40	40-4040 x 160mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25353</b>	40	40-4040 x 320mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25453</b>	40	40-4040 x 480mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25553</b>	40	40-4040 x 640mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25623</b>	40	40-4040-L x 160mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25613</b>	40	40-4040-L x 320mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25633</b>	40	40-4040-L x 480mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25643</b>	40	40-4040-L x 640mm 45° Support	(6) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25304</b>	40	40-4080 x 160mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25404</b>	40	40-4080 x 320mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25504</b>	40	40-4080 x 480mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25784</b>	40	40-4080-L x 160mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25794</b>	40	40-4080-L x 320mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25804</b>	40	40-4080-L x 480mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25814</b>	40	40-4080-L x 640mm 45° Support	(12) M8 x 18mm SHCS, Washer & Economy T-Nut
<b>H25256</b>	45	45-4545 x 160mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25356</b>	45	45-4545 x 320mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25456</b>	45	45-4545 x 480mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25556</b>	45	45-4545 x 640mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25626</b>	45	45-4545-L x 160mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25616</b>	45	45-4545-L x 320mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25636</b>	45	45-4545-L x 480mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25646</b>	45	45-4545-L x 640mm 45° Support	(6) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25306</b>	45	45-4590 x 160mm 45° Support	(12) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25406</b>	45	45-4590 x 320mm 45° Support	(12) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25506</b>	45	45-4590 x 480mm 45° Support	(12) M8 x 20mm SHCS, Washer & Economy T-Nut
<b>H25606</b>	45	45-4590 x 640mm 45° Support	(12) M8 x 20mm SHCS, Washer & Economy T-Nut





**5**



## Section 5

# Dynamic & Structural Hinges

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Dynamic hinges are made of 6000 series aluminum alloy with pre-lubricated bronze pivot bearings and hardened stripper bolt axles. The dynamic hinges are designed to give your design from 0 to 180 degrees of axial motion. Dynamic hinges are great for diverter gate applications and have a high load capacity.

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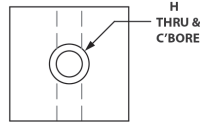
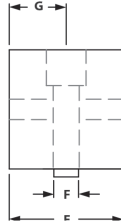
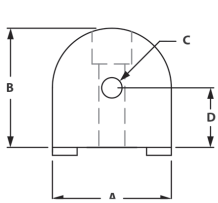
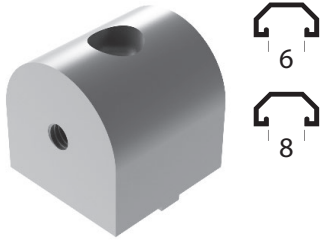
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# Dynamic & Structural Pivots

## 0° Pivot Living Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41811</b>	10	1.00	1.00	1/4-20 x .50	.500	.937	.250	.468	1/4-20
<b>D43812</b>	15	1.50	1.50	5/16-18 x .75	.750	1.437	.312	.719	5/16-18

### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D41811</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D43812</b>

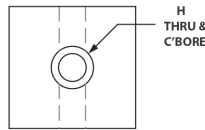
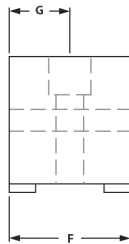
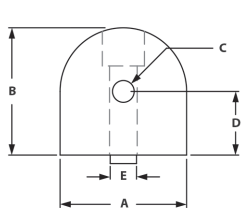
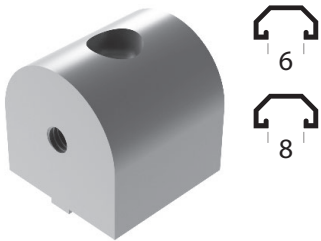
### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41811</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D43812</b>

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## 90° Pivot Living Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41841</b>	10	1.00	1.00	1/4-20 x .50	.500	.250	.937	.468	1/4-20
<b>D43842</b>	15	1.50	1.50	5/16-18 x .75	.750	.312	1.437	.719	5/16-18

### PIVOT BOLT ASSEMBLY

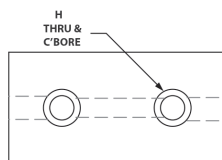
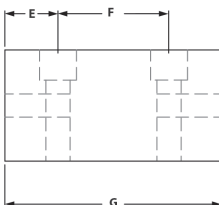
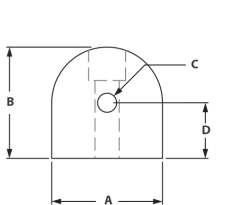
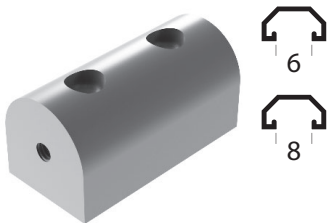
Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D41841</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D43842</b>

### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41841</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D43842</b>

## Universal Pivot Living Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41771</b>	10	1.00	1.00	1/4-20 x .50	.500	.468	1.00	1.937	1/4-20
<b>D43772</b>	15	1.50	1.50	5/16-18 x .75	.750	.719	1.50	2.937	5/16-18

### PIVOT BOLT ASSEMBLY

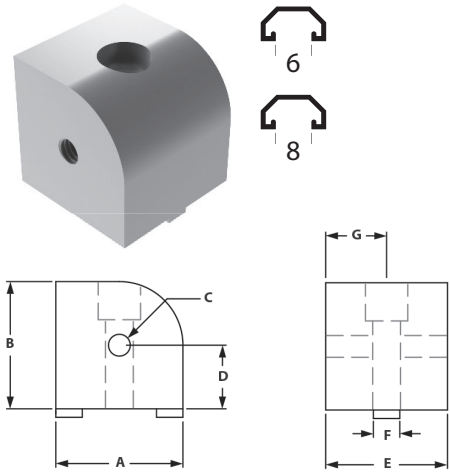
Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4" Stripper Bolt & Thrust Washer	<b>D41771</b>
<b>FC35000</b>	1	3/8 x 3/8" Stripper Bolt & Thrust Washer	<b>D43772</b>

### FASTENERS INCLUDED

Qty	Description	Use For
2	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41771</b>
2	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D43772</b>

## 0° Right Angle Living Nub

**F** = Fractional    **M** = Metric



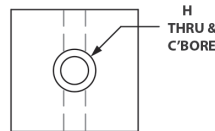
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40251</b>	10	1.00	1.00	1/4-20 x .50	.500	.937	.250	.468	1/4-20
<b>D44252</b>	15	1.50	1.50	5/15-18 x .75	.750	1.437	.312	.718	5/16-18

### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D40251</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D44252</b>

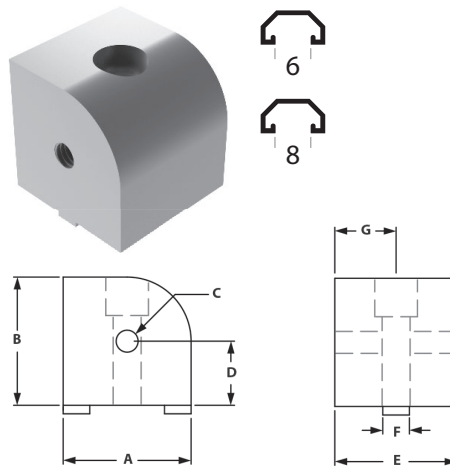
### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1/2" FBHSCS & Dbl Economy T-Nut	<b>D40251</b>
1	5/16-18 x 5/8" FBHSCS & Dbl Economy T-Nut	<b>D44252</b>



## 90° Right Angle Living Nub

**F** = Fractional    **M** = Metric



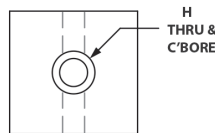
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40261</b>	10	1.00	1.00	1/4-20 x .50	.500	.250	.937	.468	1/4-20
<b>D44262</b>	15	1.50	1.50	5/15-18 x .75	.750	.312	1.437	.718	5/16-18

### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D40261</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D44262</b>

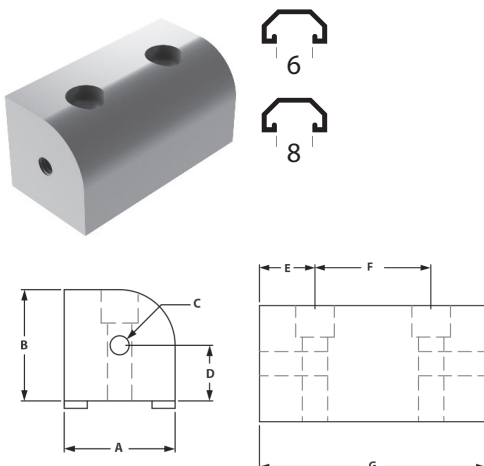
### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D40261</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D44262</b>



## Universal Right Angle Living Nub

**F** = Fractional    **M** = Metric



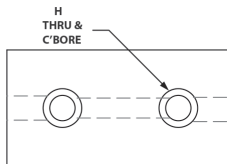
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40271</b>	10	1.00	1.00	1/4-20 x .50	.500	.468	1.00	1.937	1/4-20
<b>D44272</b>	15	1.50	1.50	5/15-18 x .75	.750	.719	1.50	2.937	5/16-18

### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D40271</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D44272</b>

### FASTENERS INCLUDED

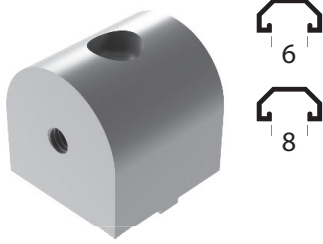
Qty	Description	Use For
2	1/4-20 x 1" SHCS & Economy T-Nut	<b>D40271</b>
2	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D44272</b>



# Dynamic & Structural Pivots

## 0° Pivot Nub

**F** = Fractional    **M** = Metric



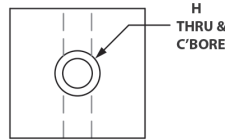
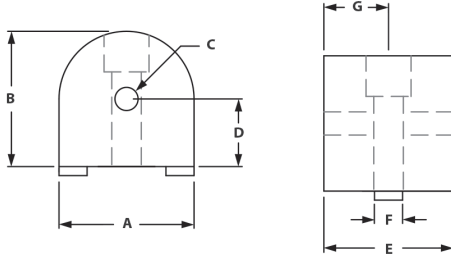
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41871</b>	10	1.00	1.00	1/4-20 x .50	.500	1.00	.245	.500	1/4-20
<b>D43872</b>	15	1.50	1.50	5/15-18 x .75	.750	1.50	.312	.750	5/16-18

### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33420</b>	2	1/4-20 x 1/2" Flanged BHSCS	<b>D41871</b>
<b>FC33300</b>	2	5/16-18 x 11/16" Flanged BHSCS	<b>D43872</b>

### FASTENERS INCLUDED

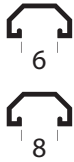
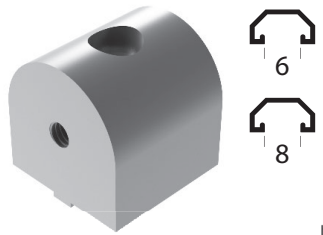
Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41871</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D43872</b>



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## 90° Pivot Nub

**F** = Fractional    **M** = Metric



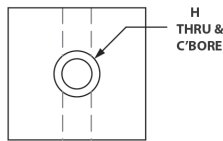
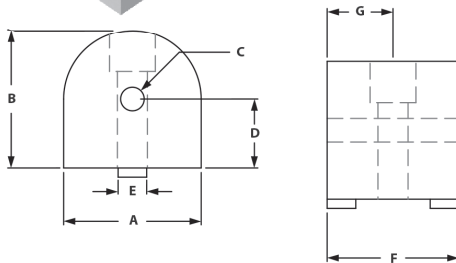
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41881</b>	10	1.00	1.00	1/4-20 x .50	.500	.250	1.00	.500	1/4-20
<b>D43882</b>	15	1.50	1.50	5/15-18 x .75	.750	.312	1.50	.750	5/16-18

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33420</b>	2	1/4-20 x 1/2" Flanged BHSCS	<b>D41881</b>
<b>FC33300</b>	2	5/16-18 x 11/16" Flanged BHSCS	<b>D43882</b>

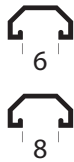
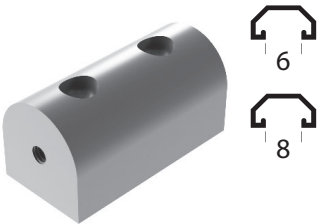
### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41881</b>
1	5/16 x 1 1/2" SHCS & Economy T-Nut	<b>D43882</b>



## Universal Pivot Nub

**F** = Fractional    **M** = Metric



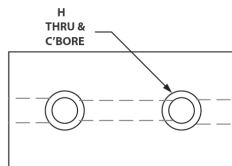
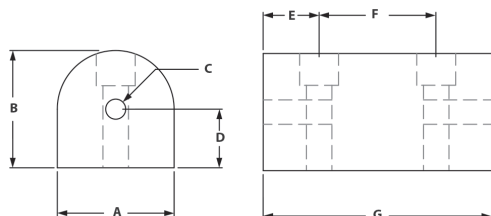
Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41861</b>	10	1.00	1.00	1/4-20 x .50	.500	.500	1.00	2.00	1/4-20
<b>D43862</b>	15	1.50	1.50	5/15-18 x .75	.750	.750	1.50	3.00	5/16-18

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33420</b>	2	1/4-20 x 1/2" Flanged BHSCS	<b>D41861</b>
<b>FC33300</b>	2	5/16-18 x 11/16" Flanged BHSCS	<b>D43862</b>

### FASTENERS INCLUDED

Qty	Description	Use For
2	1/4-20 x 1" SHCS & Economy T-Nut	<b>D41861</b>
2	5/16 x 1 1/2" SHCS & Economy T-Nut	<b>D43862</b>

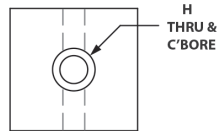
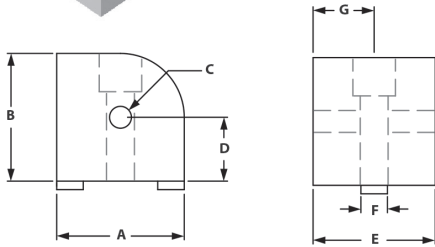
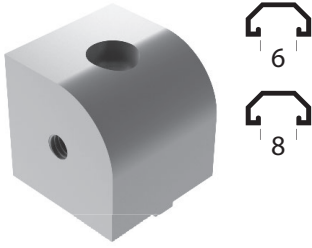




# Living & Pivot Nubs

## Right Angle 0° Pivot Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40011</b>	10	1.00	1.00	1/4-20 x .50	.500	1.00	.250	.500	1/4-20
<b>D44012</b>	15	1.50	1.50	5/15-18 x .75	.750	1.50	.312	.750	5/16-18

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33420</b>	1	1/4-20 x 1/2" Flanged BHSCS	<b>D40011</b>
<b>FC33300</b>	1	5/16-18 x 11/16" Flanged BHSCS	<b>D44012</b>

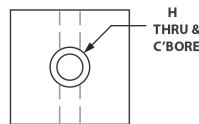
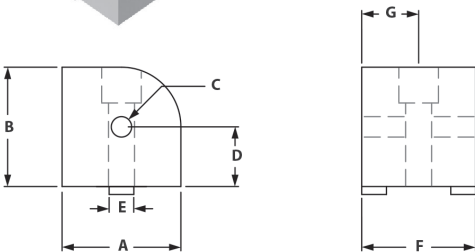
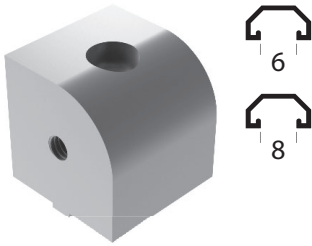
### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D40011</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D44012</b>

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## Right Angle 90° Pivot Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40021</b>	10	1.00	1.00	1/4-20 x .50	.500	.250	1.00	.500	1/4-20
<b>D44022</b>	15	1.50	1.50	5/15-18 x .75	.750	.312	1.50	.750	5/16-18

### RECOMMENDED ASSEMBLY

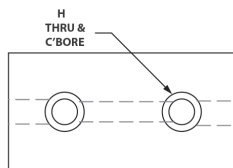
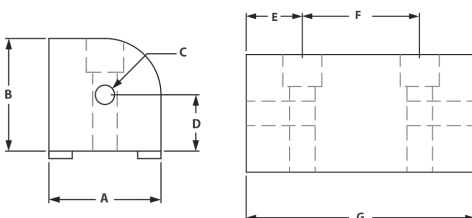
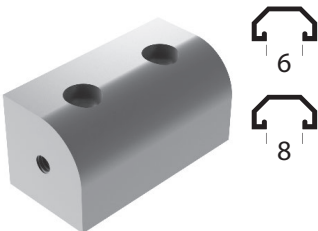
Part #	Qty	Description	Use For
<b>FC33420</b>	2	1/4-20 x 1/2" Flanged BHSCS	<b>D40021</b>
<b>FC33300</b>	2	5/16-18 x 11/16" Flanged BHSCS	<b>D44022</b>

### FASTENERS INCLUDED

Qty	Description	Use For
1	1/4-20 x 1" SHCS & Economy T-Nut	<b>D40021</b>
1	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D44022</b>

## Right Angle Universal Pivot Nub

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D40031</b>	10	1.00	1.00	1/4-20 x .50	.500	.500	1.00	2.00	1/4-20
<b>D44032</b>	15	1.50	1.50	5/15-18 x .75	.750	.750	1.50	3.00	5/16-18

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33420</b>	2	1/4-20 x 1/2" Flanged BHSCS	<b>D40031</b>
<b>FC33300</b>	2	5/16-18 x 11/16" Flanged BHSCS	<b>D44032</b>

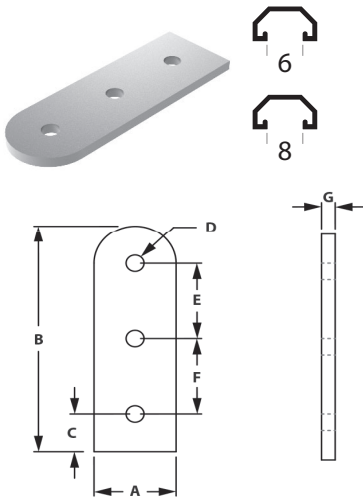
### FASTENERS INCLUDED

Qty	Description	Use For
2	1/4-20 x 1" SHCS & Economy T-Nut	<b>D40031</b>
2	5/16-18 x 1 1/2" SHCS & Economy T-Nut	<b>D44032</b>

# Dynamic & Structural Pivots

## Standard Pivot Arm

**F** = Fractional **M** = Metric



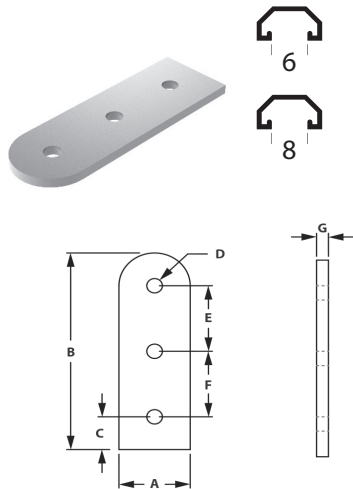
Part #	Series	A	B	C	D	E	F	G
<b>D41961</b>	10	1.00	3.00	.500	.257	1.00	1.00	.188
<b>D43962</b>	15	1.50	4.50	.750	.328	1.50	1.50	.250

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	3	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>D41961</b>
<b>FC33200</b>	3	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>D43962</b>

## Straight Dynamic Pivot Arm

**F** = Fractional **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41851</b>	10	1.00	1.00	1/4-20 x .50	.500	.468	1.00	1.937	1/4-20
<b>D43852</b>	15	1.50	1.50	5/16-18 x .75	.750	.719	1.50	2.937	5/16-18

### PIVOT BOLT ASSEMBLY

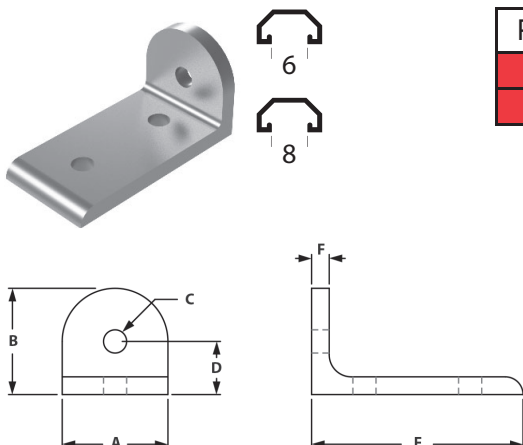
Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D41851</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D43852</b>

### FASTENERS INCLUDED

Qty	Description	Use For
2	1/4-20 x 1/2" FBHSCS & Dbl Economy T-Nut	<b>D41851</b>
2	5/16-18 x 5/8" FBHSCS & Dbl Economy T-Nut	<b>D43852</b>

## Standard "L" Pivot Arm

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>D41491</b>	10	1.00	1.00	.281	.500	2.00	.188	.500	.281	1.00
<b>D43492</b>	15	1.50	1.50	.328	.750	3.00	.250	.750	.328	1.00

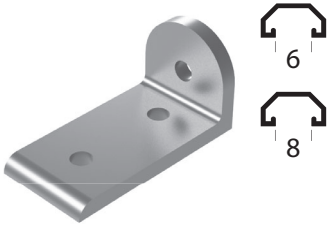
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	3	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>D41491</b>
<b>FC33200</b>	3	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>D43492</b>

# Pivot Nubs & Arms

## Dynamic "L" Pivot Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C-Tap	D	E	F	G	H
<b>D41721</b>	10	1.00	1.00	1/4-20 x .50	.500	.468	1.00	1.937	1/4-20
<b>D43432</b>	15	1.50	1.50	5/16-18 x .75	.750	.719	1.50	2.937	5/16-18

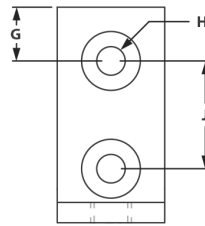
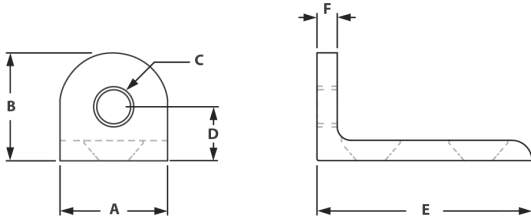
### PIVOT BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35010</b>	1	5/16 x 1/4 Stripper Bolt & Thrust Washer	<b>D41721</b>
<b>FC35000</b>	1	3/8 x 3/8 Stripper Bolt & Thrust Washer	<b>D43432</b>

### FASTENERS INCLUDED

Qty	Description	Use For
2	1/4-20 x 1/2" FBHSCS & Dbl Economy T-Nut	<b>D41721</b>
2	5/16-18 x 5/8" FBHSCS & Dbl Economy T-Nut	<b>D43432</b>

\*\*D41720 has a drill thru and c'sink for 1/4-20 FHSCS  
 \*\*D43432 has a drill thru and c'sink for 5/16-18 FHSCS



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## Extended Pivot Arm

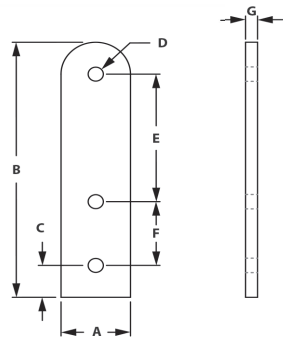
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G
<b>D41991</b>	10	1.00	3.00	.500	.257	2.00	1.00	.188
<b>D43992</b>	15	1.50	4.50	.750	.328	3.00	1.50	.250

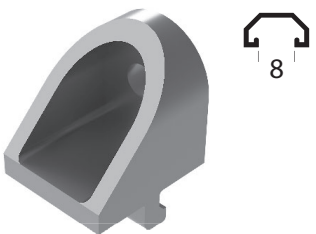
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	3	1/4-20 x 1/2" BHSCS & Economy T-Nut	<b>D41991</b>
<b>FC33200</b>	3	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>D43992</b>



## Adjustable Angle Clamp

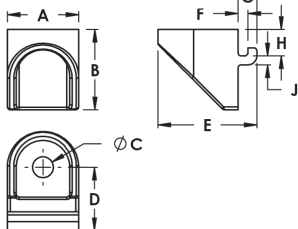
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J
<b>H141175</b>	30	32mm	36mm	9mm	26mm	45mm	6mm	10mm	15.9mm	5mm

### RECOMMENDED ASSEMBLY

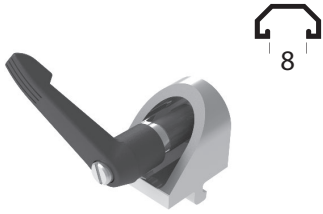
Part #	Qty	Description	Use For
<b>FC36250M</b>	1	M8 x 16mm BHSCS & Drop-In T-Nut	<b>H141175</b>



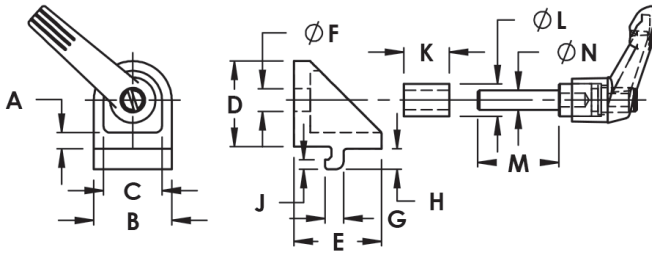
# Dynamic & Structural Pivots

## Angle Clamp With Locking Lever

**F** = Fractional    **M** = Metric



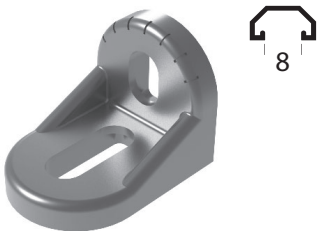
Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>H141175-L</b>	30	.197	.945	.709	1.035	1.063	.276	.224	.248	.118	.551	.394	.984	.236



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## Turning Angle

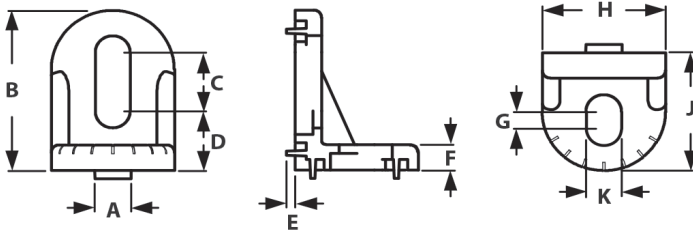
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H142175</b>	30	8mm	38mm	14mm	14mm	2mm	6mm	4mm	28mm	28mm	8mm

### RECOMMENDED ASSEMBLY

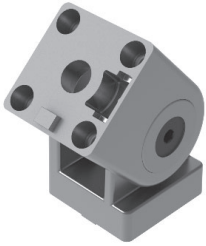
Part #	Qty	Description	Use For
<b>FC36010M</b>	2	M6 x 14mm BHSCS & Drop-In T-Nut	<b>H142175</b>



# Pivot Angles & Joints

## Pivot Joint

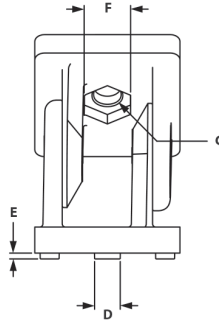
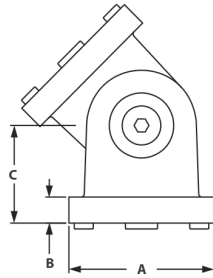
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D-Slot	E	F	G
<b>D142286</b>	45	45mm	8mm	30mm	8/10	1.8mm	14mm	8.5mm

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>F130030</b>	2	M12 x 30 SHCS	<b>D412286</b>



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## Pivot Joint With Locking Lever

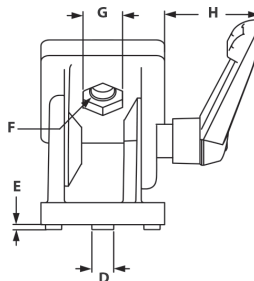
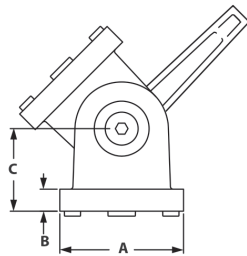
**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D-Slot	E	F	G	H
<b>D142296</b>	45	45mm	8mm	30mm	8/10	1.8mm	8.5mm	38mm	38mm

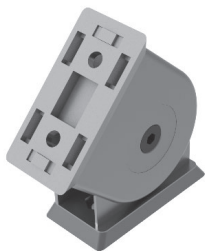
### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>F130030</b>	2	M8 x 30mm SHCS	<b>D412286</b>



## Pivot Joint 45/90

**F** = Fractional    **M** = Metric



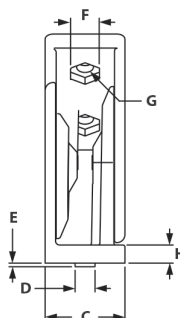
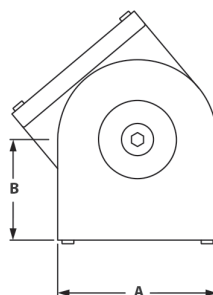
Part #	Series	A	B	C	D-Slot	E	F	G	H
<b>D142306</b>	45/90	90mm	50mm	45mm	8/10	2mm	14mm	8.4mm	9mm

### RECOMMENDED END ASSEMBLY

Part #	Qty	Description	Use For
<b>F83250M</b>	4	M8 x 25 BHSCS	<b>D142306</b>
<b>F141960M</b>	4	Threaded Insert M8	<b>D142306</b>

### RECOMMENDED SIDE ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36190M</b>	4	M8 x 18 BHSCS & F131320M	<b>D142306</b>
<b>F141960M</b>	4	Threaded Insert M8	<b>D142306</b>

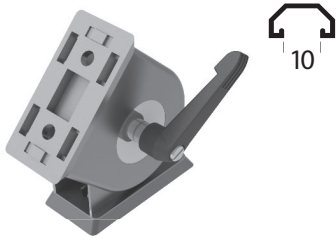




# Dynamic & Structural Pivots

## Pivot Joint 45/90 With Locking Lever

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D-Slot	E	F	G	H	J
<b>D142316</b>	45/90	90mm	50mm	45mm	8/10	8mm	8.4mm	14mm	51.3mm	9mm

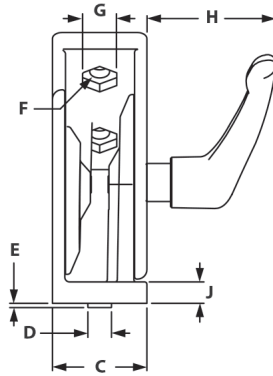
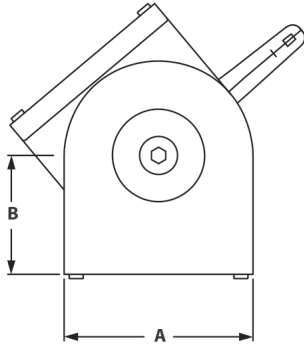
### RECOMMENDED END ASSEMBLY

Part #	Qty	Description	Use For
<b>F83250M</b>	4	M8 x 25 BHSCS	<b>D142316</b>
<b>F141960M</b>	4	Threaded Insert M8	<b>D142316</b>

### RECOMMENDED SIDE ASSEMBLY

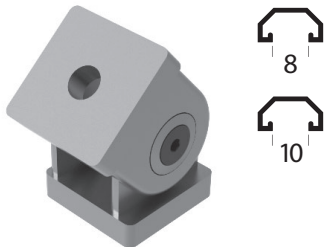
Part #	Qty	Description	Use For
<b>FC36190M</b>	4	M8 x 18 BHSCS & F131320M	<b>D142316</b>
<b>F141960M</b>	4	Threaded Insert M8	<b>D142316</b>

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## Pivot Joint Without Tabs

**F** = Fractional    **M** = Metric



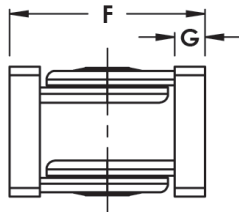
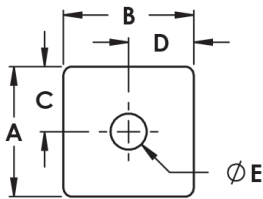
Part #	Series	A	B	C	D	E	F	G
<b>D140145</b>	30	30mm	30mm	15mm	15mm	8.3mm	45mm	7mm
<b>D140165</b>	30	30mm	30mm	15mm	15mm	8.3mm	50mm	2.5mm
<b>D140196</b>	45	45mm	45mm	22.5mm	22.5mm	8.5mm	63.6mm	1.8mm

### RECOMMENDED END ASSEMBLY

Part #	Qty	Description	Use For
<b>F85250M</b>	2	M8 x 25mm SHCS	<b>D140145</b>
<b>F85250M</b>	2	M8 x 25mm SHCS	<b>D140165</b>
<b>F85250M</b>	2	M8 x 25mm SHCS w/ 2 F141966 Insert	<b>D140196</b>

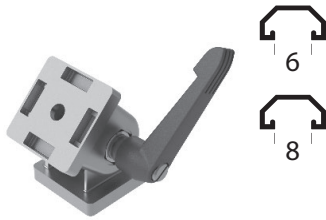
### RECOMMENDED SIDE ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35950M</b>	2	M6 x 16mm SHCS & Drop-In T-Nut	<b>D140145</b>
<b>FC35950M</b>	2	M6 x 16mm SHCS & Drop-In T-Nut	<b>D140165</b>
<b>FC36230M</b>	2	M8 x 16mm SHCS & Drop-In T-Nut	<b>D140196</b>



## Structural & Dynamic Pivot Joint

**F** = Fractional    **M** = Metric



Part #	Series	Style	A	B	C	D	E	F	G	H
<b>D140111</b>	10	Pivot Joint	1.102	.984	.984	.275	.236	.079	.260	n/a
<b>D140111H</b>	10	Pivot Joint w/ Locking Handle	1.102	.984	.984	.275	.236	.079	.260	1.181
<b>D140172</b>	15	Pivot Joint	1.574	1.496	1.181	.315	.315	.079	.260	n/a
<b>D140172H</b>	15	Pivot Joint w/ Locking Handle	1.574	1.496	1.181	.315	.315	.079	.260	1.614

- Bushing enables pivot to be both structural and dynamic
- Locating pins can be removed to accommodate both extrusion end and side mount assembly

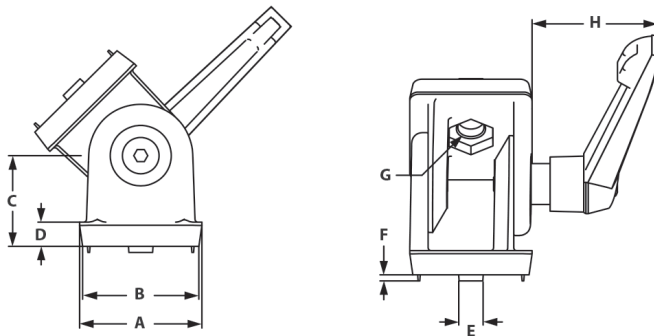
>The 2 parts can replace all other 10S or 15S hinges.

### RECOMMENDED FASTENERS (TO EXTRUSION SLOT)

Part #	Qty	Description	Use For
<b>FC34920</b>	2	1/4-20 x 1/2" SHCS & Economy T-Nut	<b>10S</b>
<b>FC65160M</b>	2	M6 x 16mm SHCS & Economy T-Nut	<b>10S</b>
<b>F1961ZM</b>	2	M6 x 16mm SHCS & Economy T-Nut	<b>10S</b>
<b>FC34540</b>	2	5/15-18 x 5/8" SHCS & Economy T-Nut	<b>15S</b>
<b>F85160M</b>	2	M8 x 16mm SHCS & Economy T-Nut	<b>15S</b>
<b>F1981ZM</b>	2	M6 x 16mm SHCS & Economy T-Nut	<b>15S</b>

### RECOMMENDED FASTENERS (TO EXTRUSION END)

Part #	Qty	Description	Use For
<b>F30640</b>	2	1/4-20 x 3/4" SHCS	<b>10S</b>
<b>F35200M</b>	2	M6 x 20mm SHCS	<b>10S</b>
<b>F31120</b>	2	5/15-18 x 3/4" SHCS	<b>15S</b>
<b>F85200M</b>	2	M8 x 20mm SHCS	<b>15S</b>



# Dynamic & Structural Pivots

## 0° Living Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41801</b>	10	3.00	1.00	1.00	1.00	1.00	1.863
<b>D43802</b>	15	4.50	1.50	1.50	1.50	1.50	2.673

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

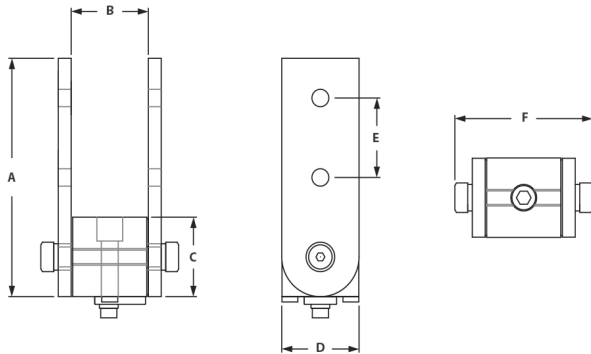
Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41801</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43802</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41801</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41801</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43802</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43802</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41801</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43802</b>



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## 90° Living Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41831</b>	10	3.00	1.00	1.00	1.00	1.00	1.863
<b>D43832</b>	15	4.50	1.50	1.50	1.50	1.50	2.673

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

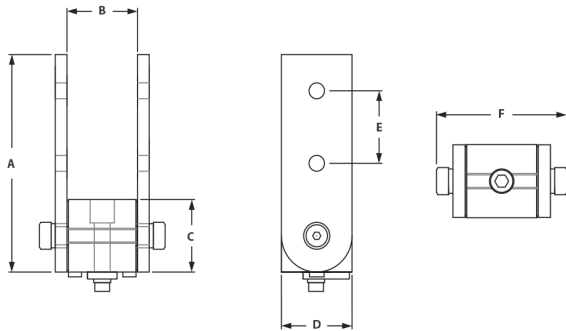
Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41831</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43832</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41831</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41831</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43832</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43832</b>

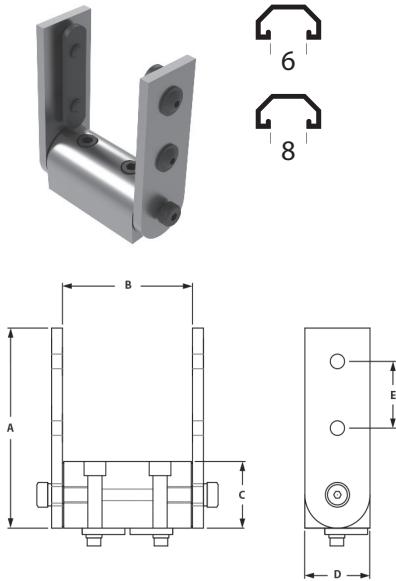
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41831</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43832</b>



## Universal Living Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41781</b>	10	3.00	2.00	1.00	1.00	1.00	2.876
<b>D43792</b>	15	4.50	3.00	1.50	1.50	1.50	4.174

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41781</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43792</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41781</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41781</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43792</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43792</b>

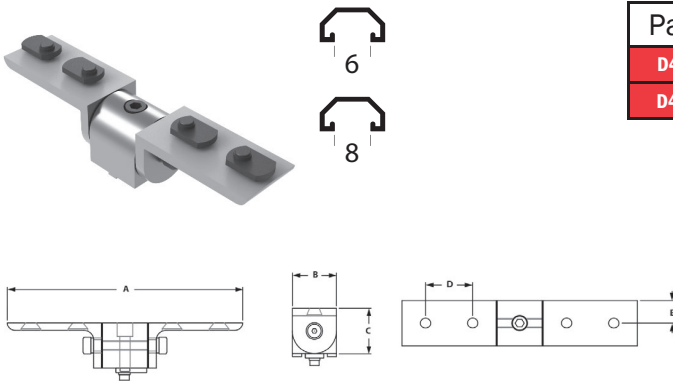
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41781</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43792</b>

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## 0° Living Hinge - Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41681</b>	10	5.00	1.00	1.00	1.00	.500
<b>D43212</b>	15	7.50	3.00	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41681</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43212</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41681</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41681</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43212</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43212</b>

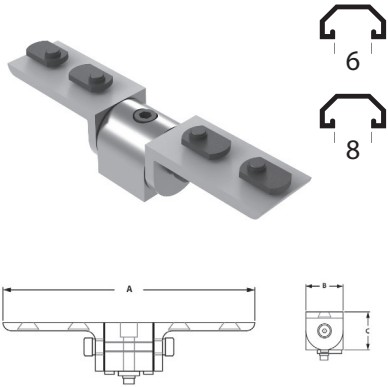
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41681</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43212</b>

# Dynamic & Structural Pivots

## 90° Living Hinge - Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41691</b>	10	5.00	1.00	1.00	1.00	.500
<b>D43222</b>	15	7.50	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41691</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43222</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41691</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41691</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43222</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43222</b>

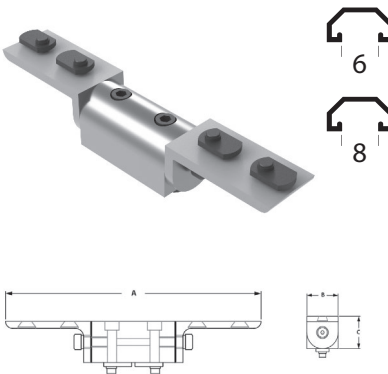
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41691</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43222</b>

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## Universal Living Hinge - Corner Bracket

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41711</b>	10	6.00	1.00	1.00	1.00	.500
<b>D43232</b>	15	9.00	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41711</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43232</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41711</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41711</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43232</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43232</b>

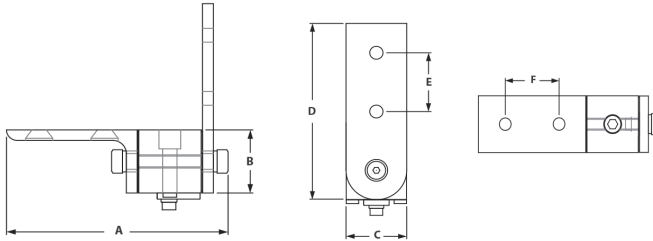
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41711</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43232</b>



## 0° Living Hinge - Corner Bracket With Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41611</b>	10	3.45	1.00	1.00	3.00	1.00	1.00
<b>D43632</b>	15	5.075	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41611</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43632</b>

#### PROFILE TO ARM

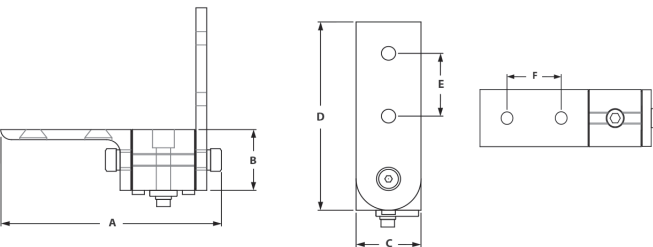
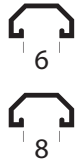
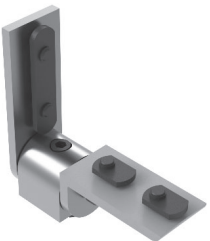
Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41611</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41611</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43632</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43632</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41611</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43632</b>

## 90° Living Hinge - Corner Bracket With Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41621</b>	10	3.45	1.00	1.00	3.00	1.00	1.00
<b>D43642</b>	15	5.075	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41621</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43642</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41621</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41621</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43642</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43642</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41621</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43642</b>

# Dynamic & Structural Pivots

## Universal Living Hinge - Corner Bracket With Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41631</b>	10	4.445	1.00	1.00	3.00	1.00	1.00
<b>D43132</b>	15	6.575	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

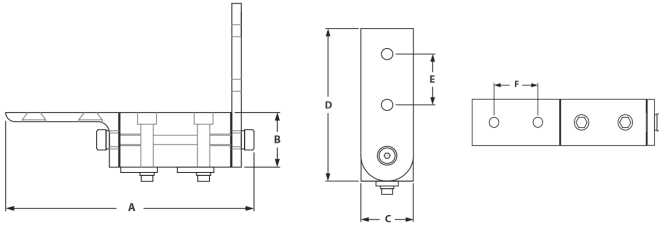
Part #	Description	Use For
<b>FC35010</b>	(2) 5/16 x 1/4" Stripper Bolts & (4) Thrust Washers	<b>D41631</b>
<b>FC35000</b>	(2) 3/8 x 3x8" Stripper Bolts & (4) Thrust Washers	<b>D43132</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>D41851</b>	(2) FC33560 - (2) 1/4-20 x 1/2" FBHSCS & Dbl Econ T-Nut	<b>D41631</b>
<b>D41721</b>	(2) FC34140 - (2) 1/4-20 x 1/2" FHSCS & (2) Econ T-Nuts	<b>D41631</b>
<b>D43852</b>	(2) FC33550 - (2) 5/16-18 x 5/8" FBHSCS & (1) Dbl Econ T-Nut	<b>D43132</b>
<b>D43432</b>	(2) FC34120 - (2) 5/16-18 x 5/8" FHSCS & (2) Economy T-Nuts	<b>D43132</b>

#### PROFILE TO NUB

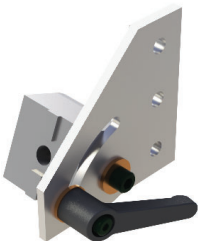
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Econ T-Nut	<b>D41631</b>
<b>FC34220</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Econ T-Nut	<b>D43132</b>



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## 90° Pivot Bracket Assembly

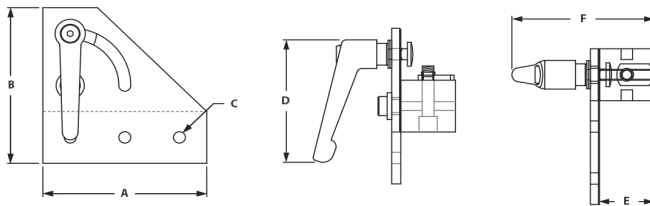
**F** = Fractional    **M** = Metric



Series	Assembly	Plate Only	Description	A	B	C	D	E	F
<b>10</b>	D41391	D41331	Left Hand	3.00	3.00	.281	2.055	1.00	2.754
<b>10</b>	D41481	D41371	Right Hand	3.00	3.00	.281	2.055	1.00	2.754
<b>15</b>	D43392	D43332	Left Hand	4.50	4.50	.328	3.50	1.50	4.015
<b>15</b>	D43482	D43372	Right Hand	4.50	4.50	.328	3.50	1.50	4.015

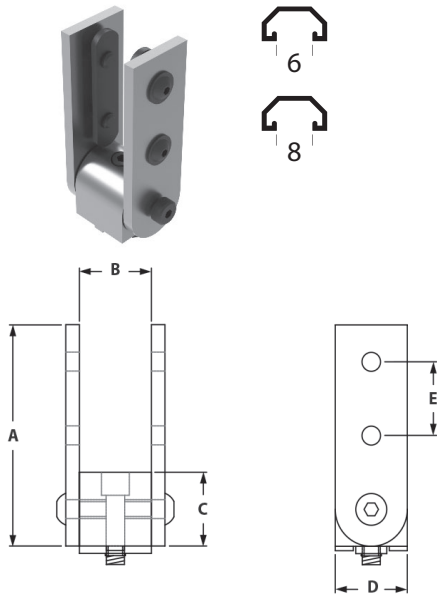
### BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33210</b>	3	1/4-20 x 1/2" FBHSCS & Economy T-Nut	<b>10S</b>
<b>FC33200</b>	3	5/16-18 x 1 1/2" FBHSCS & Economy T-Nut	<b>15S</b>



## 0° Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41971</b>	10	3.00	1.00	1.00	3.00	1.00	1.626
<b>D43972</b>	15	4.50	1.50	1.50	4.50	1.50	2.315

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41971</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43972</b>

#### PROFILE TO ARM

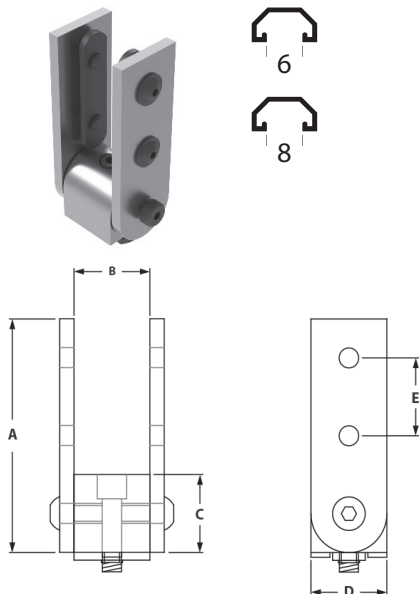
Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41971</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43972</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41971</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43972</b>

## 90° Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41981</b>	10	3.00	1.00	1.00	3.00	1.00	1.626
<b>D43982</b>	15	4.50	1.50	1.50	4.50	1.50	2.315

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41981</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43982</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41981</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43982</b>

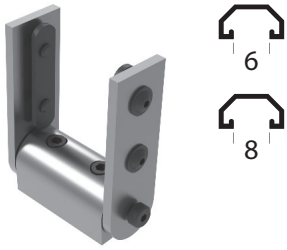
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41981</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43982</b>

# Dynamic & Structural Pivots

## Universal Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D41951</b>	10	3.00	2.00	1.00	1.00	1.00	2.626
<b>D43952</b>	15	4.50	3.00	1.50	1.50	1.50	3.310

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41951</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43952</b>

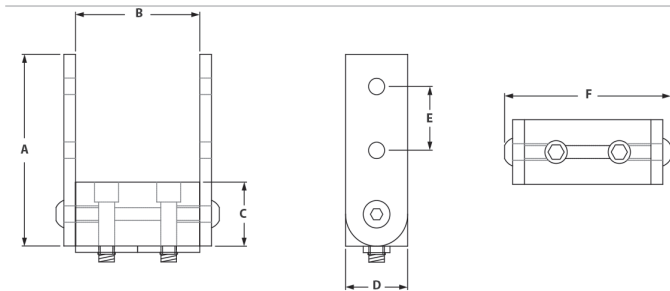
#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41951</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43952</b>

#### PROFILE TO NUB

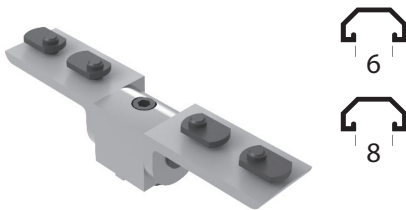
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41951</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43952</b>

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## 0° "L" Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41531</b>	10	5.00	1.00	1.00	1.00	.500
<b>D43532</b>	15	7.50	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

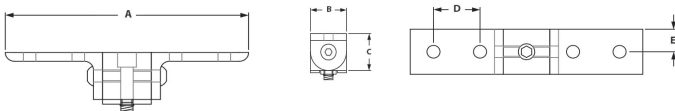
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41531</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43532</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41531</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43532</b>

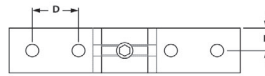
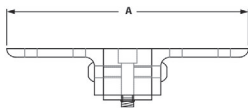
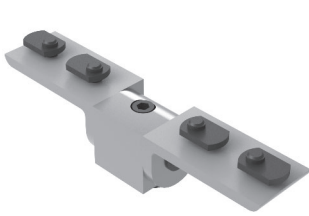
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41531</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43532</b>



## 90° "L" Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41541</b>	10	5.00	1.00	1.00	1.00	.500
<b>D43542</b>	15	7.50	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41541</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43542</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41541</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43542</b>

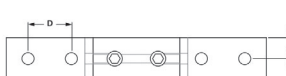
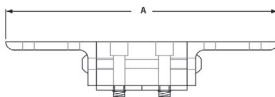
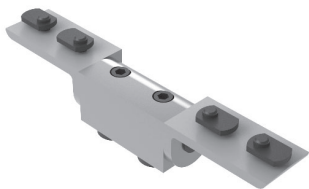
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41541</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43542</b>

5

## Universal "L" Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D41561</b>	10	6.00	1.00	1.00	1.00	.500
<b>D43562</b>	15	9.00	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D41561</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43562</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D41561</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43562</b>

#### PROFILE TO NUB

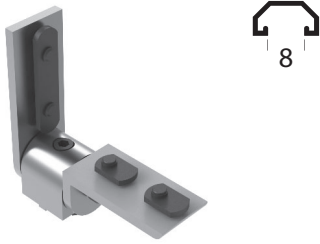
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D41561</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43562</b>



# Dynamic & Structural Pivots

## 0° "L" Arm & Straight Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D43572</b>	15	4.90	1.50	1.50	4.50	1.00	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

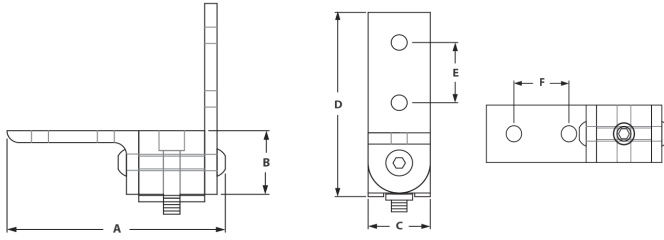
Part #	Description	Use For
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43572</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43572</b>

#### PROFILE TO NUB

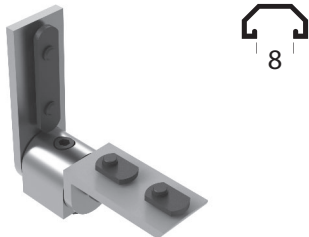
Part #	Description	Use For
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43572</b>



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## 90° "L" Arm & Straight Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D43582</b>	15	4.90	1.50	1.50	4.50	1.00	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

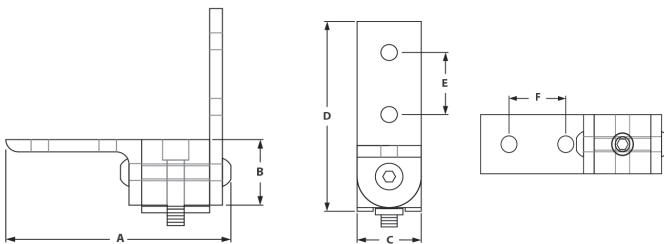
Part #	Description	Use For
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43582</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43582</b>

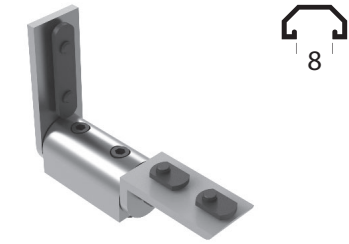
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43582</b>



## Universal "L" Arm & Straight Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D43592</b>	15	6.40	1.50	1.50	4.50	1.00	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

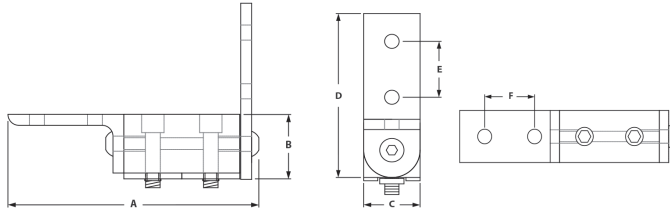
Part #	Description	Use For
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D43592</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D43592</b>

#### PROFILE TO NUB

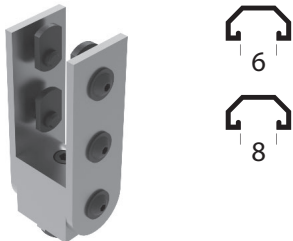
Part #	Description	Use For
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D43592</b>



**5**

## 0° Right Angle Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40041</b>	10	3.00	1.00	1.00	3.00	1.00	1.626
<b>D44042</b>	15	4.50	1.50	1.50	4.50	1.50	2.315

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

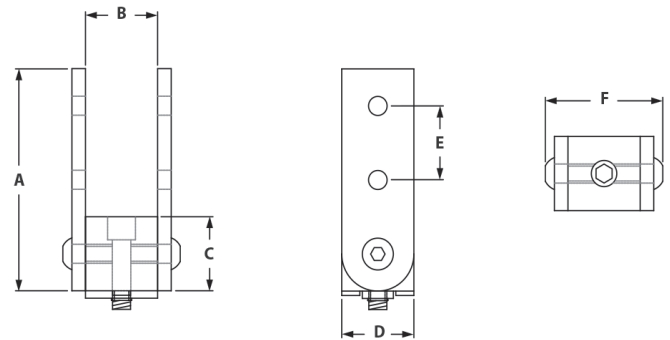
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40041</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44042</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40041</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44042</b>

#### PROFILE TO NUB

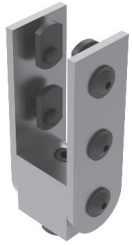
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40041</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44042</b>



# Dynamic & Structural Pivots

## 90° Right Angle Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40051</b>	10	3.00	1.00	1.00	3.00	1.00	1.626
<b>D44052</b>	15	4.50	1.50	1.50	4.50	1.50	2.315

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

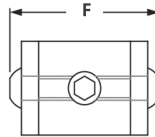
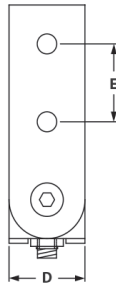
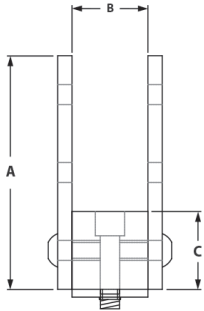
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40051</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44052</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40051</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44052</b>

#### PROFILE TO NUB

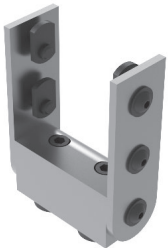
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40051</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44052</b>



**5**

## Universal Right Angle Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40061</b>	10	3.00	2.00	1.00	1.00	1.00	2.626
<b>D44062</b>	15	4.50	3.00	1.50	1.50	1.50	3.310

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

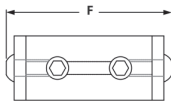
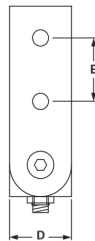
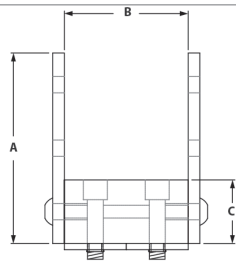
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40061</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44062</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40061</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44062</b>

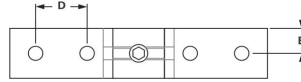
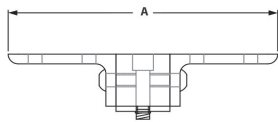
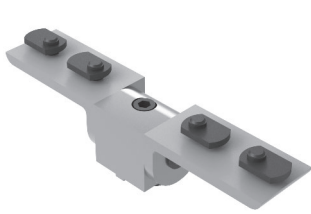
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40061</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44062</b>



## 0° Right Angle "L" Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D40071</b>	10	5.00	1.00	1.00	1.00	.500
<b>D44072</b>	15	7.50	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40071</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44072</b>

#### PROFILE TO ARM

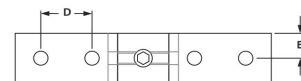
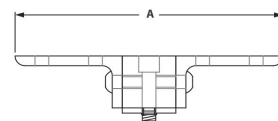
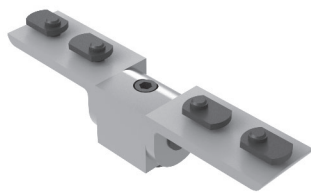
Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40071</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44072</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40071</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44072</b>

## 90° Right Angle "L" Arm Pivot Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E
<b>D40081</b>	10	5.00	1.00	1.00	1.00	.500
<b>D44082</b>	15	7.50	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40081</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44082</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40081</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44082</b>

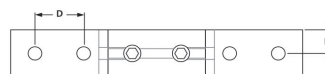
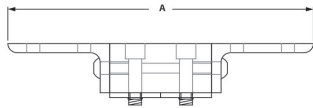
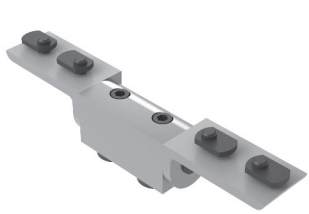
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40081</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44082</b>

# Dynamic & Structural Pivots

## Universal Right Angle "L" Arm Pivot Hinge

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E
<b>D40091</b>	10	6.00	1.00	1.00	1.00	.500
<b>D44092</b>	15	9.00	1.50	1.50	1.50	.750

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40091</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44092</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40091</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" BHSCS & (4) Economy T-Nuts	<b>D44092</b>

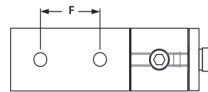
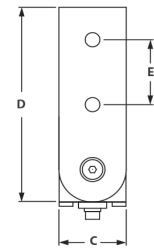
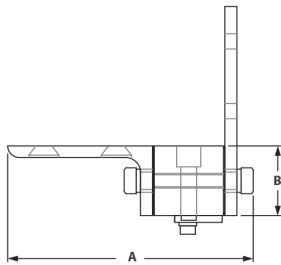
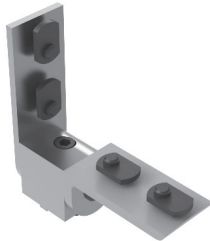
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40091</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44092</b>

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## 0° Dynamic Hinge - Corner Bracket With Arm

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40101</b>	10	3.45	1.00	1.00	3.00	1.00	1.00
<b>D44102</b>	15	5.075	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40101</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44102</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40101</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" BHSCS & (4) Economy T-Nuts	<b>D44102</b>

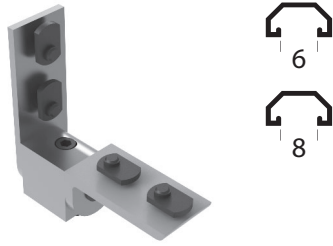
#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40101</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44102</b>



## 90° Dynamic Hinge - Corner Bracket With Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40111</b>	10	3.45	1.00	1.00	3.00	1.00	1.00
<b>D44112</b>	15	5.075	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

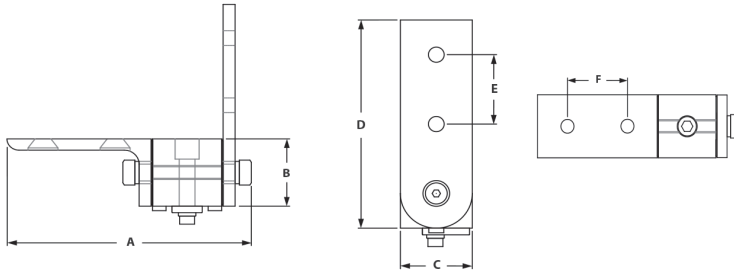
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40111</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44112</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40111</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44112</b>

#### PROFILE TO NUB

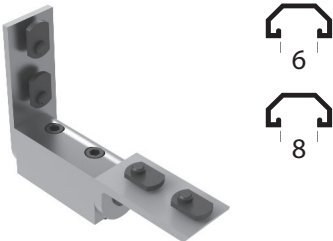
Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40111</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44112</b>



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## Universal Dynamic Hinge - Corner Bracket With Arm

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>D40121</b>	10	4.445	1.00	1.00	3.00	1.00	1.00
<b>D44122</b>	15	6.575	1.50	1.50	4.50	1.50	1.50

### INCLUDED MOUNTING HARDWARE

#### ARMS TO NUB

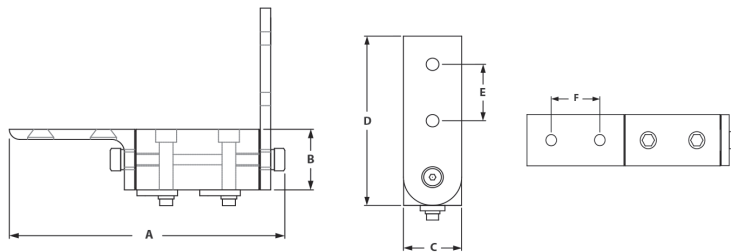
Part #	Description	Use For
<b>FC33420</b>	(2) 1/4-20 x 1/2" FBHSCS	<b>D40121</b>
<b>FC33300</b>	(2) 5/16-18 x 5/8" FBHSCS	<b>D44122</b>

#### PROFILE TO ARM

Part #	Description	Use For
<b>FC33930</b>	(4) 1/4-20 x 1/2" BHSCS & (4) Economy T-Nuts	<b>D40121</b>
<b>FC33200</b>	(4) 5/16-18 x 5/8" FBHSCS & (4) Economy T-Nuts	<b>D44122</b>

#### PROFILE TO NUB

Part #	Description	Use For
<b>FC33060</b>	(1 or 2) 1/4-20 x 1" SHCS & (1 or 2) Economy T-Nut	<b>D40121</b>
<b>FC36130</b>	(1 or 2) 5/16-18 x 1 1/2" SHCS & (1 or 2) Economy T-Nut	<b>D44122</b>





**6**



## Section 6

# Hardware

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This section includes everything you need to build panels and doors for guarding, bi-fold doors, sliding doors, or enclosures. If you need something to complete a project and we don't have it, please contact us and we will source it for you.

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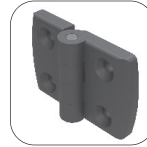
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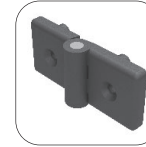
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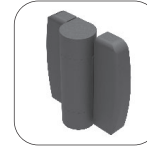
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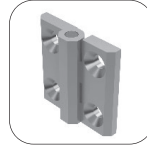
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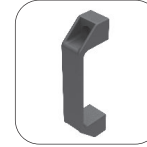
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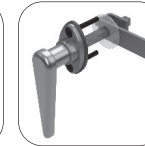
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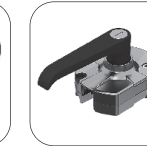
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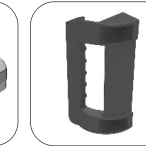
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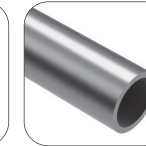
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Door System Handle



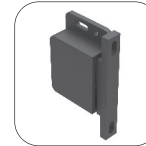
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Tube For Door System Handle



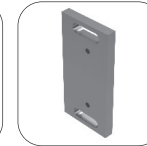
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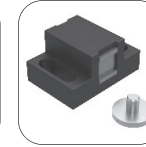
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Magnetic Door Catch Bracket



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Nylon Magnetic Catch



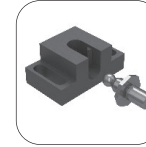
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Angle Bracket For Magnetic Catch



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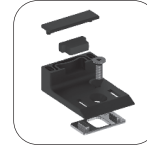
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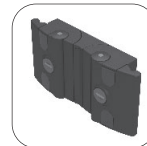
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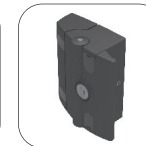
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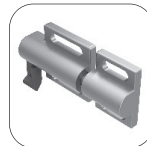
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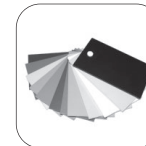
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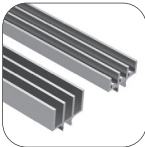
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PVC Coated Wire Mesh



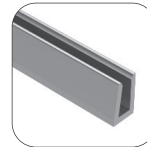
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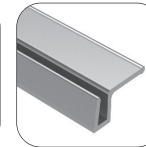
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Economy Plastic Panel Gasket



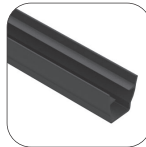
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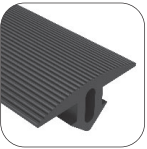
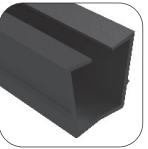
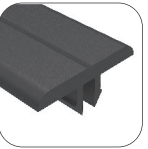



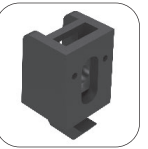







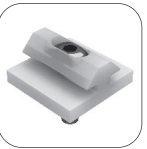
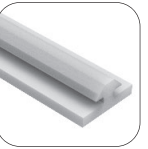
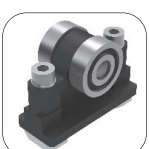
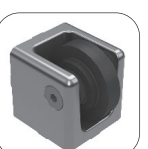

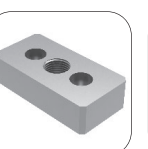
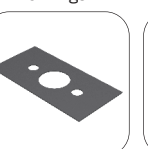
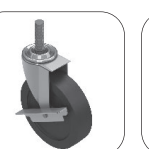
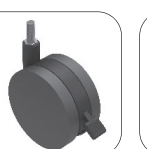
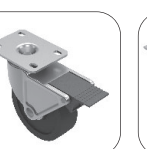
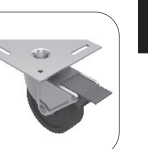

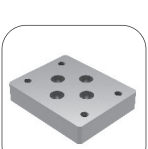

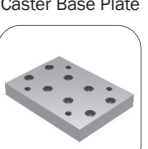
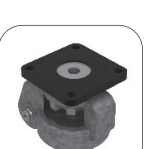
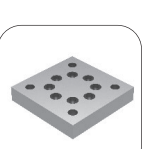

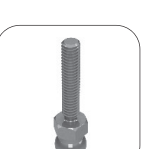



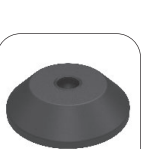




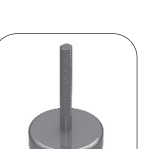




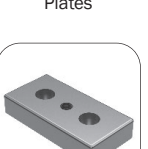
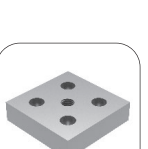
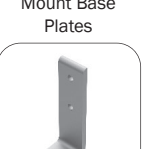
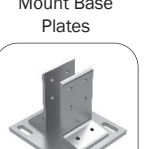
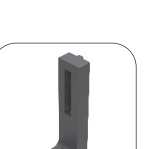
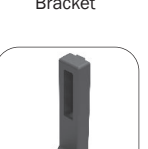
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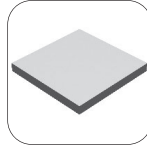
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Cable & Tube Clip



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Laminated Table Tops



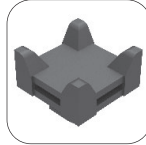
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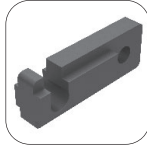
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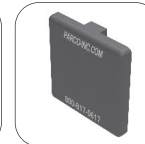
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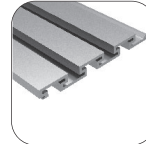
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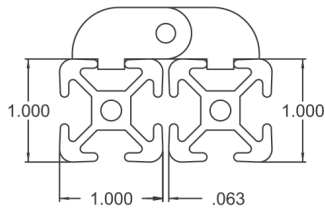
Monitor Mount



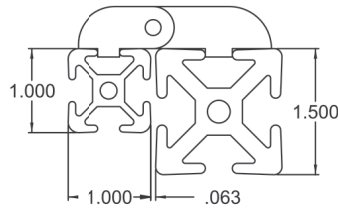
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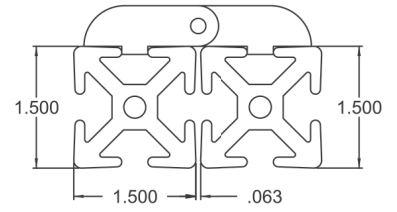




10 Series

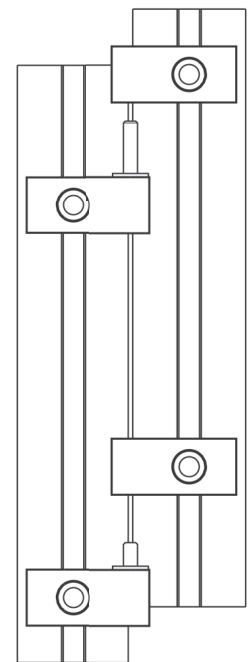
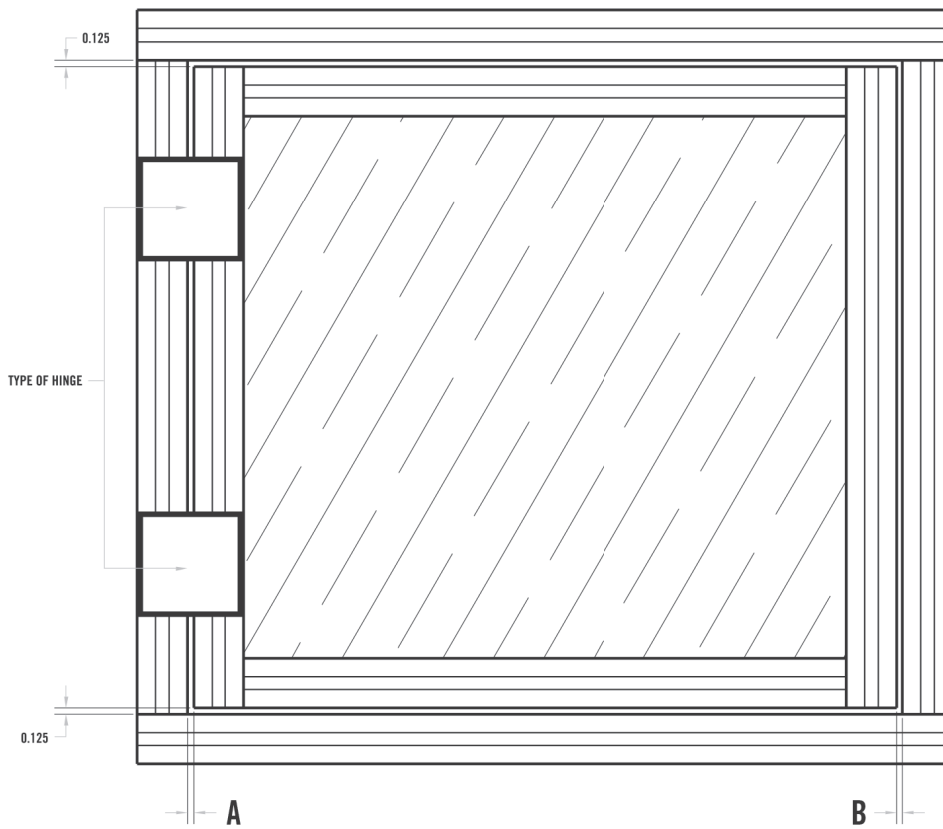


10 to 15 Series



15 Series

6

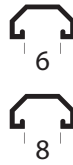
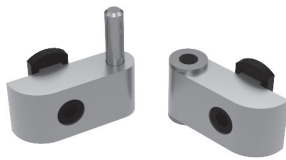


HINGE TYPE	DIMENSION A	DIMENSION B
15 S Lift Off Hinge Assembly	.063"	.187"
10 S Lift Off Hinge Assembly	.063"	.187"
10 S to 15 S Lift Off Hinge Assembly	.063"	.187"
15 S Aluminum Hinge (655082)	.125"	.125"
10 S Aluminum Hinge (655083)	.063"	.187"
10 S to 15 S Aluminum Hinge (655081)	.125"	.125"

\* Note: For all doors, make the door .25" smaller in height and width than the door frame.

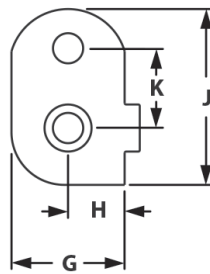
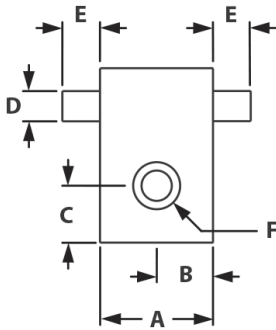
## Lift Off Hinges

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J	K
H20731	10	Right Hand Long Pin	.750	.375	.377	.250	.750	10-32	.500	.250	1.156	.529
H20741	10	Left Hand Long Pin	.750	.375	.377	.250	.750	10-32	.500	.250	1.156	.529
H20751	10	Right Hand Short Pin	.750	.375	.377	.250	.360	1/4-20	.500	.250	1.655	.780
H20761	10	Left Hand Short Pin	.750	.375	.377	.250	.360	1/4-20	.500	.250	1.655	.780
H20771	10	Section w/Bushing	.750	.375	.377	.250	n/a	10-32	.500	.250	1.156	.529
H20781	10	Hinge w/Two Pins	.750	.375	.377	.250	.750	10-32	.500	.250	1.156	.529
H20932	15	Right Hand Long Pin	.750	.375	.625	.250	.750	10-32	.500	.250	1.156	.529
H20942	15	Left Hand Long Pin	.750	.375	.625	.250	.750	10-32	.500	.250	1.156	.529
H20952	15	Right Hand Short Pin	.750	.375	.625	.250	.360	1/4-20	.500	.250	1.655	.780
H20962	15	Left Hand Short Pin	.750	.375	.625	.250	.360	1/4-20	.500	.250	1.655	.780
H20972	15	Section w/Bushing	.750	.375	.625	.250	n/a	1/4-20	.500	.250	1.655	.780
H20982	15	Hinge w/Two Pins	.750	.375	.625	.250	.750	1/4-20	.500	.250	1.655	.780

- Easily connects t-slot constructed frames and doors to t-slot profiles
- No machining required



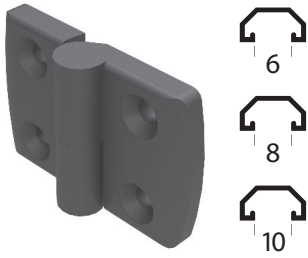
6

## Lift Off Hinge Assemblies

Assembly Part Number	Individual Part #											
	10 Series						15 Series					
	H20731	H20741	H20751	H20761	H20771	H20781	H20932	H20942	H20952	H20962	H20972	H20982
H20641	1		1		2							
H20651		1		1	2							
H20661			1	1	1							
H21042							1		1		2	
H21052								1		1	2	
H21062									1	1	1	
	Transition Hinges											
H21018					2		1		1			
H21028					2			1		1		
H21038					1				1	1		

## 4 Hole Plastic Lift Off Hinges

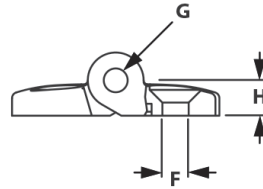
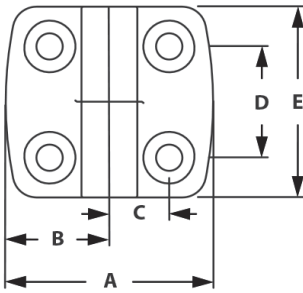
**F** = Fractional **M** = Metric



- Connects lightweight panels and doors to t-slot profile
- Fiberglass reinforced nylon
- Right or left hand options

Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H121041</b>	10	Right Hand	2.046	1.023	.590	1.102	1.890	.260	.551	.354
<b>H121011</b>	10	Left Hand	2.046	1.023	.590	1.102	1.890	.260	.551	.354
<b>H121222</b>	15	Right Hand w/Long Pin	2.794	1.397	.787	1.102	1.890	.260	.551	.354
<b>H121192</b>	15	Left Hand w/Long Pin	2.794	1.397	.787	1.102	1.890	.260	.551	.354
<b>H121109</b>	30	Left Hand	59mm	29.5mm	17.5mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121119</b>	30	Left Hand	59mm	29.5mm	17.5mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121139</b>	30	Right Hand	59mm	29.5mm	17.5mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121149</b>	30	Right Hand	59mm	29.5mm	17.5mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121313</b>	40	Right Hand Lift Off	77mm	38.5mm	22.5mm	28mm	48mm	6.6mm	14mm	9mm
<b>H121283</b>	40	Left Hand Lift Off	77mm	38.5mm	22.5mm	28mm	48mm	6.6mm	14mm	9mm
<b>H121376</b>	45	Left Hand Lift Off	87mm	43.5mm	25mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121396</b>	45	Left Hand Lift Off	87mm	43.5mm	25mm	28mm <td 48mm	6.6mm	9mm	6.6mm	
<b>H121406</b>	45	Right Hand Lift Off	87mm	43.5mm	25mm	28mm	48mm	6.6mm	9mm	6.6mm
<b>H121426</b>	45	Right Hand Lift Off	87mm	43.5mm	25mm	28mm	48mm	6.6mm	9mm	6.6mm

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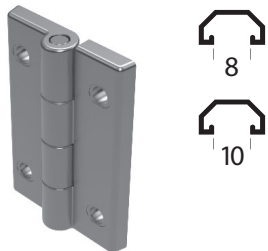


### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35850M</b>	4	M6 x 14mm FHSCS & Drop-In T-Nut	<b>10S, 15S, 30S, 40S</b>
<b>FC35870M</b>	4	M6 x 18mm FHSCS & Drop-In T-Nut	<b>45S</b>

## Heavy Duty Hinges

**F** = Fractional **M** = Metric



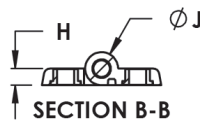
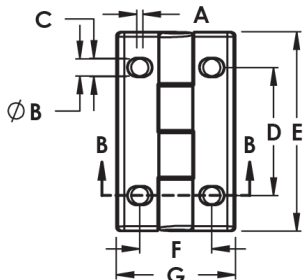
- Heavy duty design
- Non-detachable
- For panels and profiles

Part #	Series	A	B	C	D	E	F	G	H	J
<b>H121705PP</b>	30	3mm	10.6mm	6.7mm	62mm	96mm	35mm	58mm	8mm	16mm
<b>H121713PP</b>	15/40	3mm	10.6mm	6.7mm	62mm	96mm	40mm	68mm	8mm	16mm
<b>H121726PP</b>	45	3mm	10.6mm	6.7mm	62mm	96mm	45mm	78mm	8mm	16mm

New \*

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

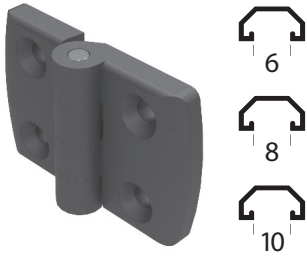
Part #	Qty	Description	Use For
<b>FC36060M</b>	4	M6 x 16mm BHSCS & Z-Nut	<b>H121705</b>
<b>FC36070M</b>	4	M6 x 18mm BHSCS & Z-Nut	<b>H121713</b>
<b>FC34820M</b>	4	M6 x 18mm BHSCS & Z-Nut	<b>H121726</b>





## 4 Hole Standard Plastic Hinge

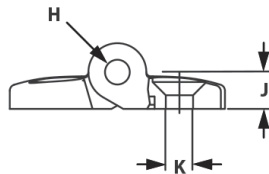
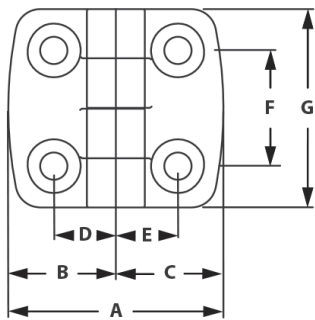
**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G
<b>H120981</b>	10	Heavy Duty Plastic Hinge	.046	1.023	1.023	.590	.590	1.102	1.890
<b>H121162</b>	15	Heavy Duty Plastic Hinge	2.794	1.397	1.397	.787	.787	1.102	1.890
<b>H121075</b>	30	Heavy Duty Plastic Hinge	59mm	29.5mm	29.5mm	17.5mm	17.5mm	28mm	48mm
<b>H121085</b>	30	Heavy Duty Plastic Hinge	59mm	29.5mm	29.5mm	17.5mm	17.5mm	28mm	48mm
<b>H121346</b>	45	Heavy Duty Plastic Hinge	87mm	43.5mm	43.5mm	25mm	25mm	28mm	48mm
<b>H121369</b>	45	Heavy Duty Plastic Hinge	87mm	43.5mm	43.5mm	25mm	25mm	28mm	48mm

- Connects lightweight panels and doors to t-slot profile
- Fiberglass reinforced nylon

H	J	K
.236	.354	.260
.236	.354	.260
.236	8.9mm	6.6mm
.236	8.9mm	6.6mm
.236	8.9mm	6.6mm
.236	8.9mm	6.6mm



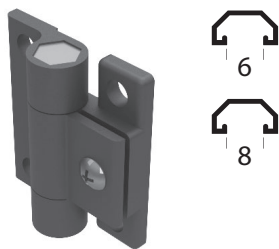
### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34190</b>	4	1/4-20 x 1/2" FHSCS & Drop-In T-Nut	<b>H120981</b>
<b>FC34090</b>	4	1/4-20 x 5/8" FHSCS & Drop-In T-Nut	<b>H121162</b>
<b>FC35850</b>	4	M6 x 14mm FHSCS & Drop-In T-Nut	<b>H121075</b>
<b>FC35850</b>	4	M6 x 14mm FHSCS & Drop-In T-Nut	<b>H121085</b>
<b>FC35850</b>	4	M6 x 14mm FHSCS & Drop-In T-Nut	<b>H121346</b>
<b>FC35870</b>	4	M6 x 18mm FHSCS & Drop-In T-Nut	<b>H121366</b>

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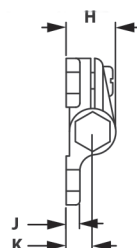
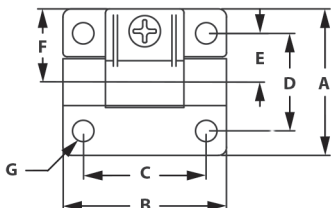
## Adjustable Plastic Hinge

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J	K
<b>H20811</b>	10	Black Adjustable Hinge	1.44	.169	.125	1.00	.500	.720	.197	.500	.230	.270
<b>H20802</b>	15	Black Adjustable Hinge	2.25	2.50	1.88	1.50	.750	1.125	.270	.770	.200	.410

- Adjustable tension hinge
- Connects lightweight panels and doors to t-slot profile
- Economical and durable



### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

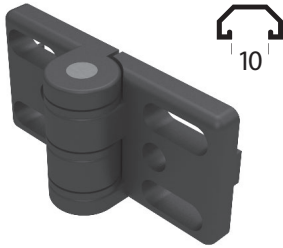
Part #	Qty	Description	Use For
<b>FC34180</b>	4	1/4-20 x 5/8 BHSCS & Drop-In T-Nut	<b>H20811</b>
<b>FC34830</b>	4	8-32 x 3/8 BHSCS & Drop-In T-Nut	<b>H20802</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34180</b>	4	1/4-20 x 5/8 BHSCS & Drop-In T-Nut	<b>H20811</b>
<b>FC34830</b>	4	8-32 x 3/8 BHSCS & Drop-In T-Nut	<b>H20802</b>

## 4 Hole Slotted Zinc Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>H120896</b>	45	40mm	53mm	24mm	26.5mm	40mm	13mm	8.3mm	9.8mm	10mm	4.5mm	14mm	8mm

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

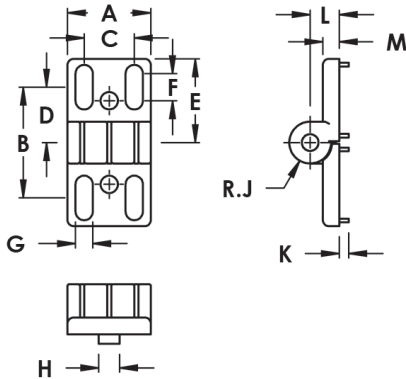
Part #	Qty	Description	Use For
<b>FC131320M</b>	4	M8 x 20mm SHCS & Z-Nut	<b>H140896</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>F83200M</b>	4	M8 x 20mm BSHCS	<b>H140896</b>
<b>F80650M</b>	4	M8 Hex Nut	<b>H140896</b>
<b>F60420M</b>	4	Washer	<b>H140896</b>

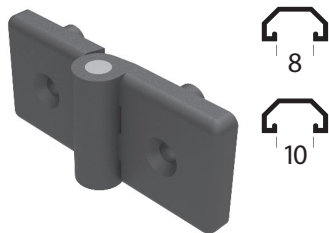
- Connects panels and doors to t-slot profile
- Die-cast powder coated zinc black

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## 2 Hole Standard Plastic Hinge

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H122525</b>	30	35mm	40mm	20mm	6.5mm	30mm	15mm	8mm	6.5mm	8.5mm	8.5mm
<b>H122523</b>	30	35mm	40mm	20mm	6.5mm	30mm	15mm	8mm	6.5mm	8.5mm	8.5mm
<b>H122526</b>	45	50mm	40mm	20mm	6.5mm	45mm	25mm	8mm	10mm	8.5mm	8.5mm

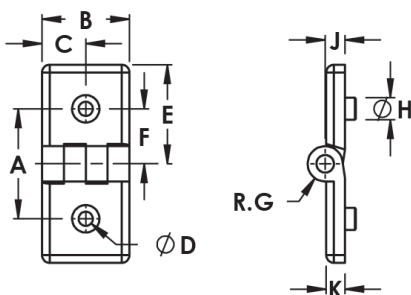
### RECOMMENDED HINGE TO T-SLOT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122525</b>
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122523</b>
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122526</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122525</b>
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122523</b>
<b>FC35880M</b>	2	M6 x 20mm FHSCS & Drop-In T-Nut	<b>H122526</b>

- Connects lightweight panels and doors to t-slot profile
- Fiberglass reinforced nylon



## 4 Hole Detent Plastic Hinge

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>H121629</b>	30	35.5mm	36mm	56mm	18mm	27mm	10mm	6.4mm	29mm	63mm	8mm	8mm	20mm
<b>H121649</b>	30	35.5mm	36mm	56mm	18mm	27mm	10mm	6.4mm	29mm	63mm	8mm	8mm	20mm

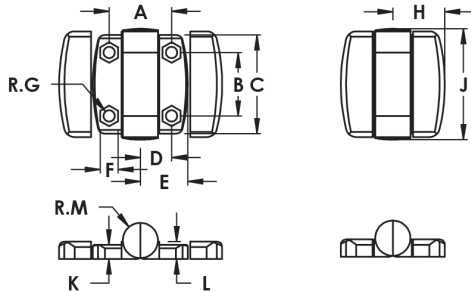
### RECOMMENDED HINGE TO T-SLOT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35990M</b>	4	M6 x 10mm BHSCS & Drop-In T-Nut	<b>H121629</b>
<b>FC35990M</b>	4	M6 x 10mm BHSCS & Drop-In T-Nut	<b>H121649</b>

### RECOMMENDED HINGE TO 6MM PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36030M</b>	4	M6 x 14mm BHSCS, Hex Nut & Washer	<b>H121629</b>
<b>FC36030M</b>	4	M6 x 14mm BHSCS, Hex Nut & Washer	<b>H121649</b>

- Connects lightweight panels and doors to t-slot profile
- Fiberglass reinforced nylon
- Includes snap cover



6

## 4 Hole Detent Positioning Hinge

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>H123269</b>	15/40	45.5mm	36mm	56mm	22.7mm	36.75mm	10mm	6.4mm	36.7mm	63mm	8mm	8mm	10mm
<b>H123279</b>	15/40	45.5mm	36mm	56mm	22.7mm	36.75mm	10mm	6.4mm	36.7mm	63mm	8mm	8mm	10mm
<b>H123229</b>	30	35.5mm	36mm	56mm	18mm	27mm	10mm	6.4mm	27.5mm	63mm	8mm	8mm	10mm

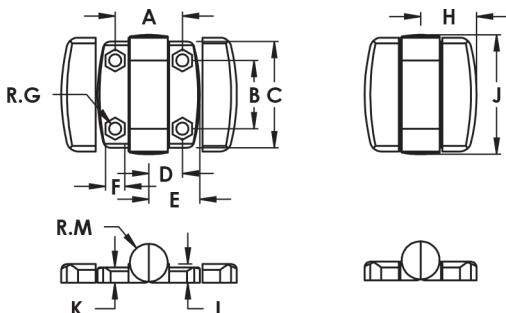
### RECOMMENDED HINGE TO T-SLOT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36220</b>	4	M6 x 14mm HSCS & Drop-In T-Nut	<b>H123269</b>
<b>FC36220</b>	4	M6 x 14mm HSCS & Drop-In T-Nut	<b>H123279</b>
<b>FC35990M</b>	4	M6 x 10mm BHSCS & Drop-In T-Nut	<b>H123229</b>

### RECOMMENDED HINGE TO 6MM PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36050M</b>	4	M6 x 18mm BHSCS, Hex Nut & Washer	<b>H123269</b>
<b>FC36050M</b>	4	M6 x 18mm BHSCS, Hex Nut & Washer	<b>H123279</b>
<b>FC36030M</b>	4	M6 x 14mm BHSCS, Hex Nut & Washer	<b>H123229</b>

- Holds doors at 0, 85 or 175 degrees
- Connects lightweight panels and doors to t-slot profile
- Includes snap cover for appearance



## 4 Hole Constant Friction Hinge

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J
<b>H120809</b>	10	Black Aluminum Hinge	38mm	17.8mm	40mm	28mm	14mm	13mm	4.5mm	10mm	3mm

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

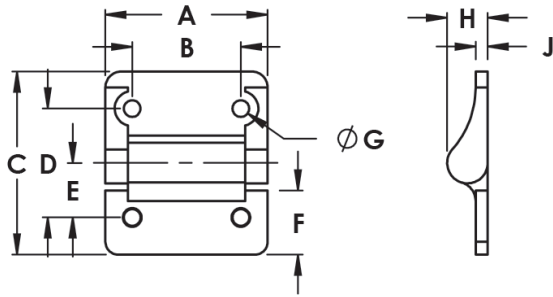
Part #	Qty	Description	Use For
<b>FC35560</b>	4	M4 x 10mm SHCS & Drop-In T-nut	<b>H120809</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35580</b>	4	M4 x 16mm SHCS & Hex Nut	<b>H120809</b>

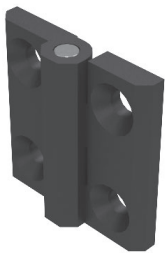
- Connects t-slot to panels and doors
- Holds panels and doors open at variable angles

**6**



## Standard Hinge - Powder Coated

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H120625</b>	30	Black Powder Coated Hinge	60mm	36mm	36mm	30mm	18mm	8.3mm	8mm	8mm

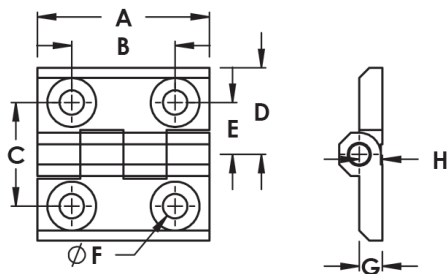
### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35850M</b>	4	M6 x 14mm FHSCS & Z-Nut	<b>H120625</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

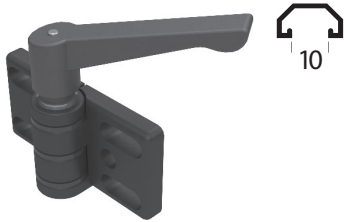
Part #	Qty	Description	Use For
<b>FC36180M</b>	4	M8 x 16mm FHSCS & Drop In T-Nut	<b>H120625</b>

- Connects t-slot profiles to panels and doors
- Economy zinc powder coated
- Higher strength hinge



## 4 Hole Slotted Hinge W/ Locking Lever

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>H120856</b>	45	81mm	69mm	40mm	24mm	53mm	8.3mm	13mm	105mm	40mm	14mm	8mm
<b>H120879</b>	45	81mm	69mm	40mm	24mm	53mm	8.3mm	13mm	105mm	40mm	14mm	8mm

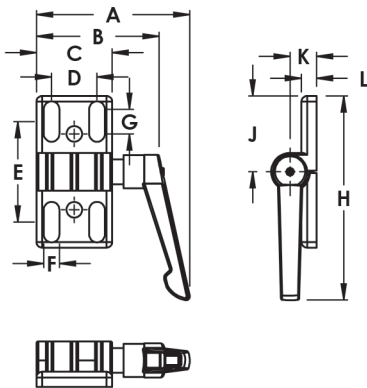
### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC131320M</b>	4	M8 x 20mm SHCS & Z-Nut	<b>H120856</b>
<b>FC131320M</b>	4	M8 x 20mm SHCS & Z-Nut	<b>H120879</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>F83200M</b>	4	M8 x 20mm BSHCS & Drop In T-Nut	<b>H120856</b>
<b>F83200M</b>	4	M8 x 20mm BSHCS & Drop In T-Nut	<b>H120879</b>

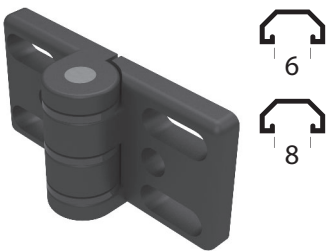
- Connects t-slot profiles to panels and doors
- Lockable hinge position



6

## Universal Door Hinge

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J	K
<b>H120849</b>	10 or 15	Universal Die Cast Hinge	1.575	.327	.787	.512	.327	.950	3.15	.315	.787	.552

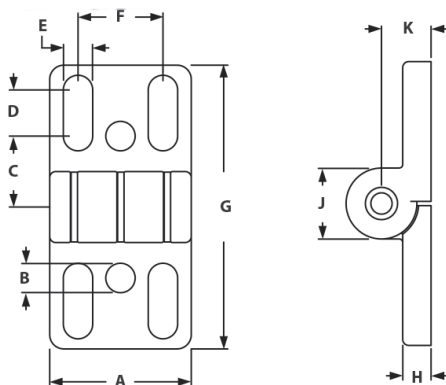
### RECOMMENDED ASSEMBLY (10S)

Part #	Qty	Description	Use For
<b>F30630</b>	4	1/4-20 x 5/8" BHSCS & Economy T-Nut	<b>H120849</b>
<b>F33820</b>	4	1/4-20 x 5/8" BHSCS & Economy T-Nut	<b>H120849</b>
<b>F63160M</b>	4	M6 x 16mm BHSCS & Economy T-Nut	<b>H120849</b>
<b>F1961ZM</b>	4	M6 x 16mm BHSCS & Economy T-Nut	<b>H120849</b>

### RECOMMENDED ASSEMBLY (15S)

Part #	Qty	Description	Use For
<b>F34660</b>	4	5/16-18 x 3/4" SHCS & Economy T-Nut	<b>H120849</b>
<b>F85200M</b>	4	M8 x 20mm SHCS & Economy T-Nut	<b>H120849</b>
<b>F1981ZM</b>	4	M8 x 20mm SHCS & Economy T-Nut	<b>H120849</b>

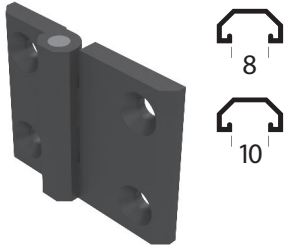
- Connects t-slot profiles to panels and doors
- Zinc powder coated
- Slotted holes for adjustment





## Transition Hinge

**F** = Fractional    **M** = Metric



Part #	Series	Type	A	B	C	D	E	F	G	H	J	L
<b>H120648</b>	30 to 45	Powder Coated	50mm	38mm	25mm	30mm	28mm	15mm	M6 FHSCS	6mm	63mm	6mm
<b>H120658</b>	30 to 45	Stainless Steel	50mm	38mm	25mm	30mm	28mm	15mm	M6 FHSCS	6mm	63mm	6mm

- Connects t-slot profiles to doors or another profile
- Zinc powder coated or stainless
- Transition from 30 to 45 series

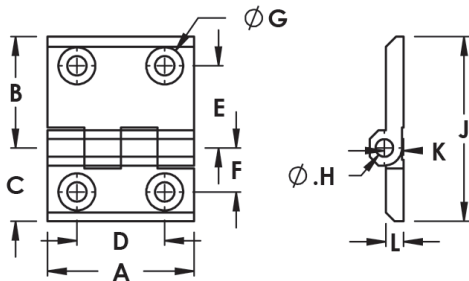
### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC3585</b>	4	M6 x 14mm FHSCS & Drop In T-Nut	<b>30S</b>
<b>FC3587</b>	4	M6 x 18mm FHSCS & Drop In T-Nut	<b>45S</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

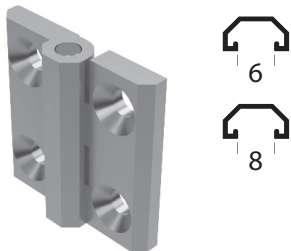
Part #	Qty	Description	Use For
<b>F67180M</b>	4	M6 x 18mm FHSCS	<b>H120648</b>
<b>F60410M</b>	4	M6 Flat Washer (Black)	<b>H120658</b>
<b>F60650M</b>	4	M6 x 1.0 Hex Nut (Black)	

6



## Standard Hinge - Stainless Steel

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G
<b>H120941</b>	10	Stainless Steel Hinge	50mm	30mm	30mm	25mm	15mm	6.3mm	6.5mm
<b>H120965</b>	30	Stainless Steel Hinge	60mm	36mm	36mm	30mm	18mm	8.3mm	8mm

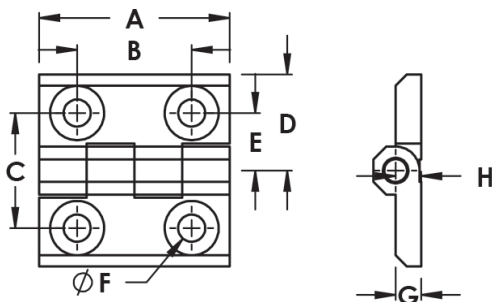
- Connects t-slot profiles to panels and doors
- Stainless steel
- Higher strength hinge

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36390M</b>	4	M6 x 30mm Drop-in T-stud W/ Flanged Hex	<b>H120941</b>
<b>FC35850M</b>	4	M6 x 14mm FHSCS & Z-Nut	<b>H120965</b>

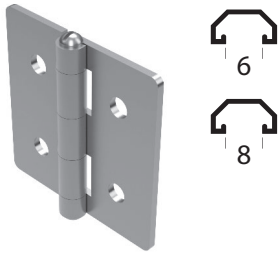
### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>F67180M</b>	4	M6 x 18mm FHSCS	<b>H120941</b>
<b>F60410M</b>	4	M6 Flat Washer (Black)	<b>H120965</b>
<b>F60650M</b>	4	M6 x 1.0 Hex Nut (Black)	



## Aluminum Hinge

**F** = Fractional    **M** = Metric

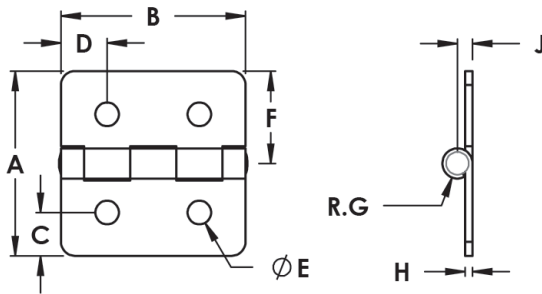


Part #	Series	Description	A	B	C	D	E	F	G	H	J
<b>H20861</b>	10	Aluminum Hinge	2.00	2.00	.469	.500	.257	1.00	1.67	.078	.167
<b>H20848</b>	10 to 15	Aluminum Transition Hinge	2.50	3.00	.750	.750	.328	1.00	.250	.125	.250
<b>H20852</b>	15	Aluminum Hinge	3.00	3.00	.686	7.50	.328	1.50	.250	.125	.250

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33860</b>	4	1/4-20 x .375" FBHSCS & Economy T-Nut	<b>H20861</b>
<b>FC33190</b>	2	5/16-18 x .500" FBHSCS & Economy T-Nut	<b>H20848</b>
<b>FC33190</b>	2	5/16-18 x .500" FBHSCS & Economy T-Nut	<b>H20852</b>
<b>FC33860</b>	2	1/4-20 x .375 FBHSCS & Economy T-Nut	<b>H20848</b>

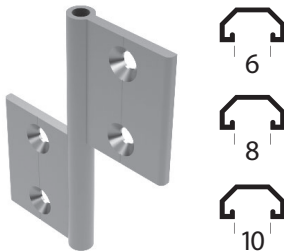
- Connects t-slot profiles to lightweight panels and doors or other t-slots
- Corrosion resistant



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## Concealed Hinge

**F** = Fractional    **M** = Metric



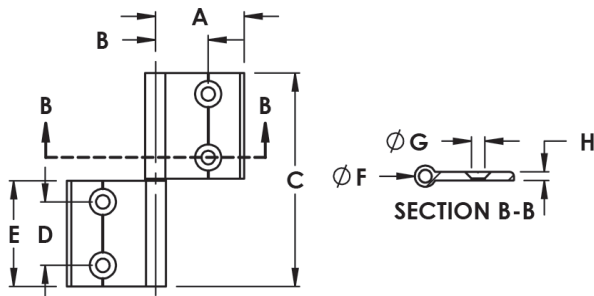
Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H23251</b>	10	Aluminum Hinge	1.102	.689	3.976	1.181	1.969	.394	.252	.157
<b>H23272</b>	15	Aluminum Hinge	1.654	.984	3.976	1.181	1.969	.394	.252	.157
<b>H23265</b>	30	Aluminum Hinge	1.260	.768	3.976	1.181	1.969	.394	.252	.157
<b>H23273</b>	40	Aluminum Hinge	1.654	.984	3.976	1.181	1.969	.394	.252	.157
<b>H23286</b>	45	Aluminum Hinge	1.850	1.063	3.976	1.181	1.969	.394	.252	.157

New \*

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC35410M</b>	4	M6 x 10mm FSHCS & Economy T-Nut	<b>H23251</b>
<b>FC36080M</b>	4	M6 x 14mm FSHCS & Economy T-Nut	<b>H23272</b>
<b>FC36090M</b>	4	M6 x 12mm FSHCS & Economy T-Nut	<b>H23265</b>
<b>FC36080M</b>	4	M6 x 14mm FSHCS & Economy T-Nut	<b>H23273</b>
<b>FC36100M</b>	4	M6 x 16mm FSHCS & Z-Nut	<b>H23286</b>

- Mounts to inside of door
- Hidden when door is closed
- Anodized aluminum



## Door Handles

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F
<b>H20621</b>	10, 15, 30, 40, 45	Small Black Plastic Handle	.827	3.681	1.417	2.953	4.409	1/4
<b>H20619</b>	10, 15, 30, 40, 45	Medium Black Plastic Handle	1.024	4.606	1.614	3.779	5.472	5/16
<b>H20609</b>	10, 15, 30, 40, 45	Large Black Plastic Handle	1.012	7.047	1.969	6.181	8.189	5/16

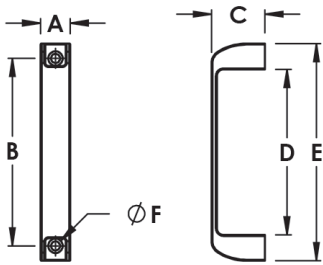
- Mounts to t-slot or a plastic panel
- Durable glass filled nylon

### RECOMMENDED BOLT TO EXTRUSION ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34920</b>	2	1/4-20 x .500" SHCS & Economy T-Nut	<b>H20621</b>
<b>FC34550</b>	2	5/16-18 x .75" SHCS & Economy T-Nut	<b>H20619</b>
<b>FC34550</b>	2	5/16-18 x .75" SHCS & Economy T-Nut	<b>H20609</b>

### RECOMMENDED BOLT TO 1/4" PANEL ASSEMBLY

Part #	Qty	Description	Use For
<b>FC33150</b>	2	1/4-20 x .875" SHCS & Washer & Hex Nut	<b>H20621</b>
<b>FC34730</b>	2	5/16-18 x 1" SHCS & Washer & Hex Nut	<b>H20619</b>
<b>FC34730</b>	2	5/16-18 x 1" SHCS & Washer & Hex Nut	<b>H20609</b>



6

## Steel Door Handles

**U** = Universal    **F** = Fractional    **M** = Metric

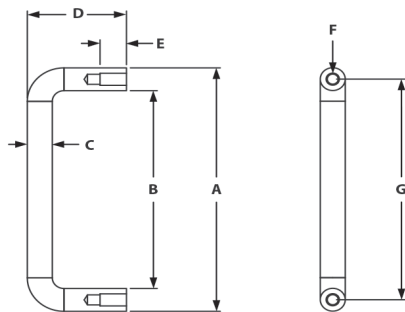


Part #	Series	Description	A	B	C	D	E	F	G
<b>H20709</b>	10, 15, 30, 40, 45	Steel Door Handle	3.30	2.68	.310	1.23	.500	8-32 x .500	3.00

- Mounts directly to a plastic panel
- Mounting hardware included

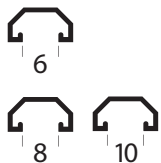
### FASTENERS INCLUDED

Part #	Qty	Description	Use For
<b>F30240</b>	2	8-32 x 1/2" BHSCS	<b>H20709</b>



## Bridge Handle

**U** = Universal    **F** = Fractional    **M** = Metric

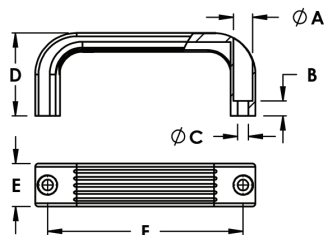


Part #	Series	Description	A	B	C	D	E	F
<b>H29639PP</b>	10, 15, 30, 40, 45	Medium Strap Handle	11.5mm	9mm	6.5mm	50mm	26mm	118mm
<b>H29629PP</b>	10, 15, 30, 40, 45	Large Strap Handle	11.5mm	9mm	6.5mm	58mm	26mm	179mm

- Mounts directly to a t-slot profile
- Mounting hardware included

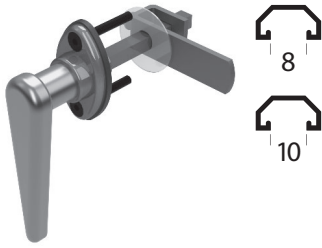
### FASTENERS INCLUDED

Part #	Qty	Description	Use For
<b>FC36110M</b>	2	M6 x 16mm SHCS & Economy T-Nut	<b>10S</b>
<b>FC36120M</b>	2	M6 x 20mm SHCS & Economy T-Nut	<b>15S</b>
<b>FC36140M</b>	2	M6 x 16mm SHCS & Economy T-Nut	<b>30S</b>
<b>FC36120M</b>	2	M6 x 20mm SHCS & Economy T-Nut	<b>40S</b>
<b>FC35970M</b>	2	M6 x 20mm SHCS & Z-Nut	<b>45S</b>



## Deluxe Door Handle

**U** = Universal   **F** = Fractional   **M** = Metric



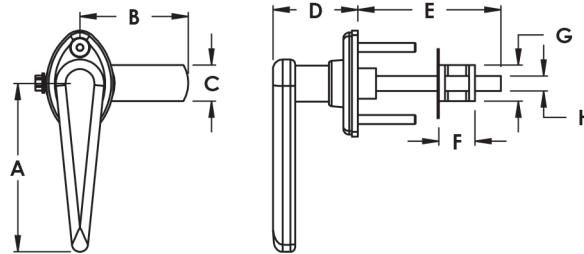
Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H20559</b>	15, 40, 45	Non-Locking Door Latch*	3.313	2.25	.750	1.969	3.00	.620	.750	.313
<b>H20639</b>	15, 40, 45	Locking Door Latch W/ Key*	3.313	2.25	.750	1.969	3.00	.620	.750	.313

\*Milling Required: M75039

### FASTENERS INCLUDED

Part #	Qty	Description	Use For
<b>F30220</b>	2	10-32 x 1/2" FHSCS	<b>H20559</b>
<b>F30220</b>	2	10-32 x 1/2" FHSCS	<b>H20639</b>

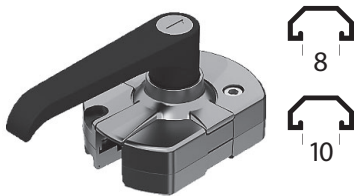
- Corrosion resistant chrome finish
- Mounting hardware included
- Milling service M75039 required



6

## Die-Cast Aluminum Door Lock

**U** = Universal   **F** = Fractional   **M** = Metric

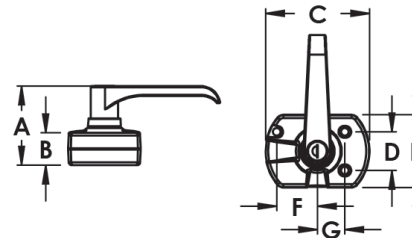


Part #	Series	Description	A	B	C	D	E	F	G
<b>H29549</b>	15, 40, 45	Unique Key	72mm	29mm	95mm	35mm	66mm	37mm	25mm
<b>H29559</b>	15, 40, 45	Universal Key	72mm	29mm	95mm	35mm	66mm	37mm	25mm

New \*

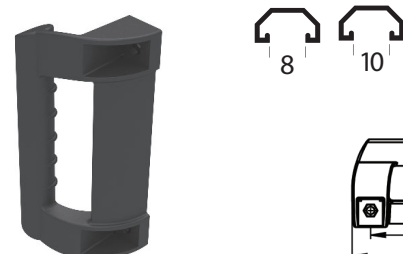
### \*FASTENERS INCLUDED

- Die-cast aluminum
- Mounting hardware included
- 15, 40 and 45 series



## Safety Machine Handle

**U** = Universal   **F** = Fractional   **M** = Metric

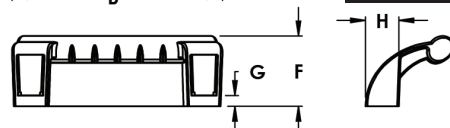


Part #	Series	A	B	C	D	E	F	G	H
<b>H120009</b>	15, 40, 45	198mm	240mm	19mm	100mm	8.8mm	80mm	12.5mm	38mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC36210M</b>	2	M8 x 16mm SHCS & Economy T-Nut	<b>H12006</b>
<b>FC36230M</b>	2	M8 x 16mm SHCS & Drop In T-Nut	<b>H12006</b>

- Reinforced nylon
- Mounts to t-slot profile
- 15, 40 and 45 series



## Door System Handle

**U** = Universal    **F** = Fractional    **M** = Metric

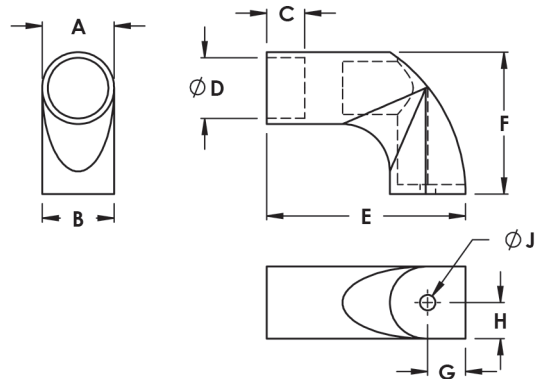


- Reinforced nylon
- For use with Steel Kwik Tubes below
- 15, 40 and 45 series

Part #	Series	Description	A	B	C	D	E	F	G	H	J
<b>H320019PP</b>	15, 40, 45	Door System Handle Set	38mm	36mm	20mm	28.1mm	105mm	75mm	20.4mm	18mm	8.2mm
<b>H320029</b>	15, 40, 45	End Cover Caps Set									

### RECOMMENDED FASTENERS

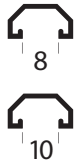
Part #	Qty	Description	Use For
<b>FC36340M</b>	1	M8 x 18mm SHCS & Economy T-Nut	<b>15S</b>
<b>FC36340M</b>	1	M8 x 18mm SHCS & Economy T-Nut	<b>40S</b>
<b>FC36260M</b>	1	M8 x 18mm SHCS & Z-Nut	<b>45S</b>



6

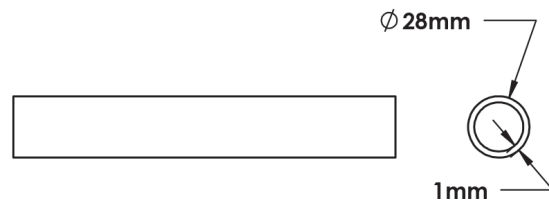
## Tubes For Door System Handle

**U** = Universal    **F** = Fractional    **M** = Metric



- Steel - many colors available
- For use with Door System Handle part H320019PP
- 15, 40 and 45 series

Part #	Description
<b>KTW</b>	1mm Wall Steel Kwik Tube D28 - White
<b>KTI</b>	1mm Wall Steel Kwik Tube D28 - Ivory
<b>KTB</b>	1mm Wall Steel Kwik Tube D28 - Blue
<b>KTBL</b>	1mm Wall Steel Kwik Tube D28 - Black
<b>KTR</b>	1mm Wall Steel Kwik Tube D28 - Red
<b>KTESD</b>	1mm Wall Steel Kwik Tube D28 - Black ESD
<b>KTS</b>	1mm Wall Steel Kwik Tube D28 - Stainless





# Handles & Catches

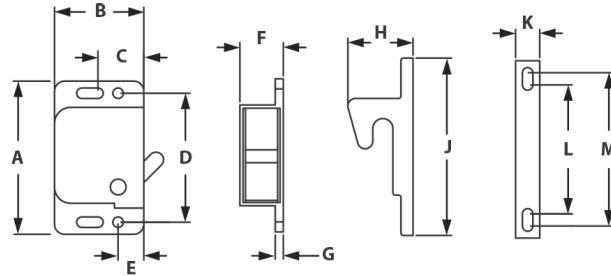
## Grabber™ Door Catch

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M
<b>H20699</b>	10, 15, 40	3 Lbs Pull Force Catch	1.90	1.11	.570	1.60	.320	.540	.150	.810	2.80	.300	2.00	2.20
<b>H20889</b>	10, 15, 40	5 Lbs Pull Force Catch	1.90	1.11	.570	1.60	.320	.540	.150	.810	2.80	.300	2.00	2.20
<b>H21259</b>	10, 15, 40	10 Lbs Pull Force Catch	1.90	1.11	.570	1.60	.320	.540	.150	.810	2.80	.300	2.00	2.20

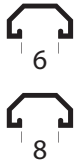
- Creates a push to close - pull to open latch
- Used with Grabber Door Catch mounting plate part number H21239
- 10, 15 and 40 series



6

## Grabber™ Door Catch Mounting Plates

**U** = Universal    **F** = Fractional    **M** = Metric

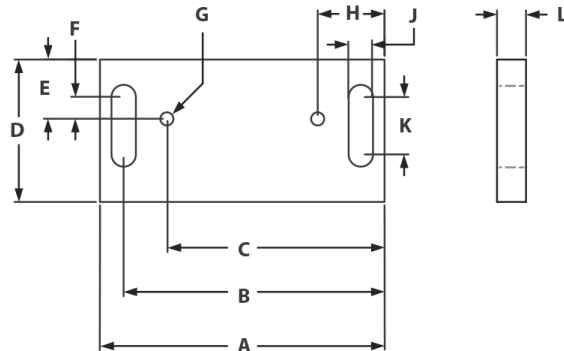


Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>H21239</b>	10, 15, 40	3.00	2.50	2.25	1.50	.625	.605	#6-32	.705	.257	.605	.250

### RECOMMENDED FASTENERS

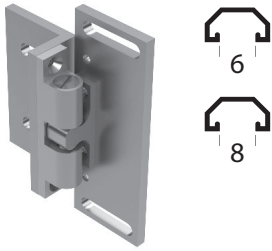
Part #	Qty	Description	Use For
<b>FC33710</b>	2	Economy T-Nut Kit	<b>10S</b>
<b>FC33720</b>	2	Drop-In T-Nut Kit	<b>10S</b>
<b>FC34810</b>	2	Drop-In T-Nut Kit	<b>15S</b>
<b>FC33210</b>	2	Economy T-Nut Kit	<b>15S</b>
<b>FC34810</b>	2	Drop-In T-Nut Kit	<b>40S</b>
<b>FC33210</b>	2	Economy T-Nut Kit	<b>40S</b>

- Used with Grabber Door Catch part numbers H20699, H20889, H21259
- 10, 15 and 40 series



## Deluxe Double Ball Catch

**U** = Universal    **F** = Fractional    **M** = Metric



- Aluminum tension ball latch
- Striker can enter from front or side
- 15, 30, 40 and 45 series
- Attaches to a t-slot with hardware included

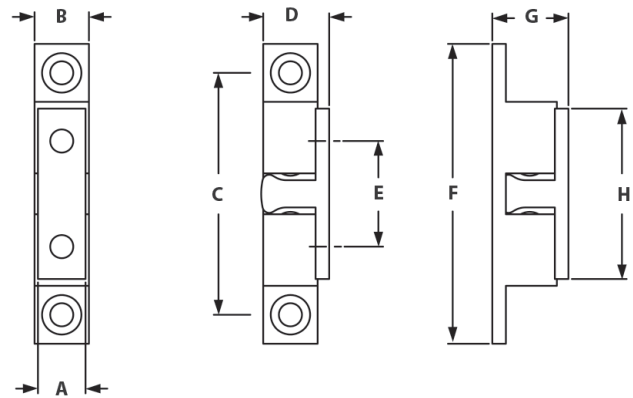
Part #	Series	A	B	C	D	E	F	G	H
<b>H21349</b>	15, 30, 40, 45	.472	.512	2.283	.598	1.181	2.693	.713	1.583

### INCLUDED FASTENERS

Part #	Qty	Description	Use For
<b>F33420</b>	4	1/4-20 x 1/2" FBHSCS	<b>15, 30, 40</b>
<b>F33820</b>	4	Slide In Economy T-Nut	<b>15, 30, 40</b>

### RECOMMENDED FASTENERS

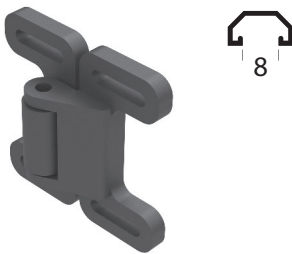
Part #	Qty	Description	Use For
<b>F13129</b>	4	Standard Drop In T-Nut	<b>45S</b>
<b>F63160</b>	4	M6 x 16mm BHSCS & Drop In T-Nut	<b>45S</b>



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## Double Ball Catch

**F** = Fractional    **M** = Metric

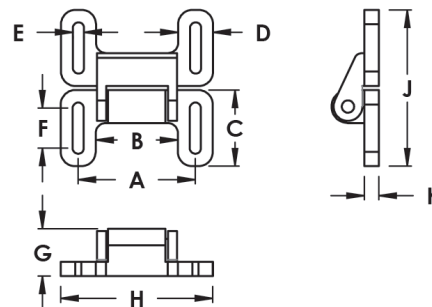


- Reinforced nylon
- 15, 30, 40 and 45 series
- Stainless steel ball springs

Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H120199</b>	15, 30, 40, 45	57mm	5.44mm	37mm	17mm	5.44mm	19.5mm	22.87mm	73.9mm	76mm	7mm

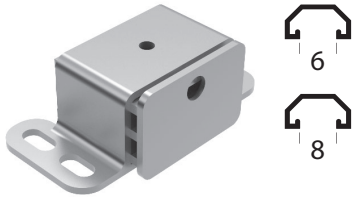
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33240</b>	4	10-32 x .75" SHCS Washer & Drop-In T-Nut	<b>15S</b>
<b>FC34830M</b>	2	M5 x 16mm SHCS Washer & Drop-In T-Nut	<b>30S</b>
<b>FC34830M</b>	4	M5 x 16mm SHCS Washer & Drop-In T-Nut	<b>40S</b>
<b>FC34810M</b>	2	M5 x 20mm SHCS Washer & Drop-In T-Nut	<b>45S</b>



## Magnetic Door Catch

**U** = Universal   **F** = Fractional   **M** = Metric

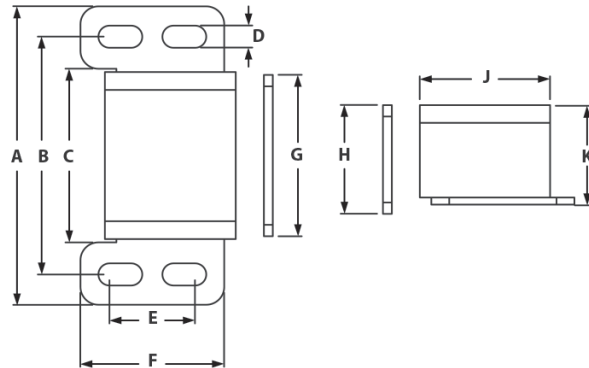


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H20909</b>	10, 15, 30, 40	2.060	1.67	1.22	.135	.275	1.172	1.13	.770	.910	.710

### INCLUDED FASTENERS

Part #	Qty	Description	Use For
<b>F30050</b>	2	8-32 x 3/8" BHSCS	<b>H20909</b>
<b>F32750</b>	2	Slide In T-Nut	<b>H20909</b>

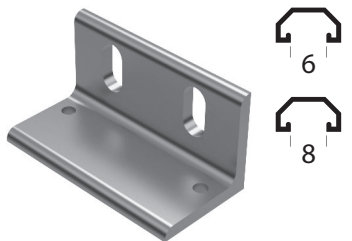
- Lightweight latch 12lb pull
- Latches light doors or plastic panels
- Attaches to a t-slot with hardware included
- 10, 15, 30 and 40 series



6

## Magnetic Door Catch Bracket

**U** = Universal   **F** = Fractional   **M** = Metric

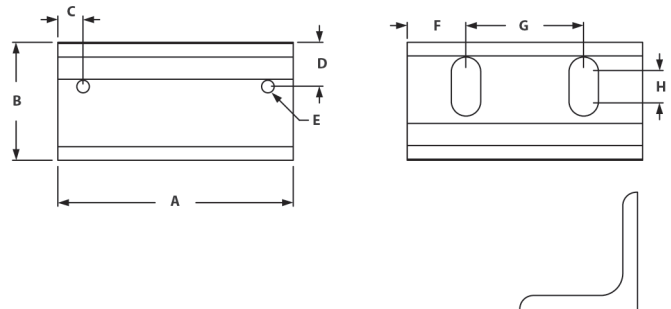


Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H27459</b>	10, 15, 40	Magnetic Door Catch w/ Fasteners	2.00	1.00	.170	.375	8-32	.500	1.00	.250

### INCLUDED FASTENERS

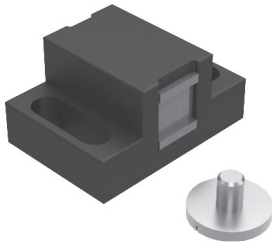
Part #	Qty	Description	Use For
<b>F32580</b>	2	Washer	<b>H27459</b>
<b>F30620</b>	2	1/4-20 x .500" SHCS	<b>H27459</b>
<b>F33820</b>	2	1/4-20 Slide In Economy T-Nut	<b>H27459</b>

- Attaches to t-slot profile
- Hardware included
- 10, 15 and 40 series



## Nylon Magnetic Door Catch

**F** = Fractional    **M** = Metric

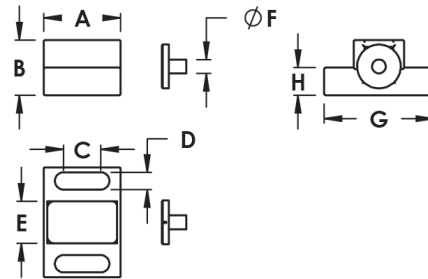


Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H44869</b>	10, 15, 40	Black Nylon Door Catch	1.102	.795	.532	.255	.600	M5 x 0.8	1.570	.393

### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34930</b>	2	1/4-20 x .625" SHCS & Slide In T-Nut	<b>10S</b>
<b>FC33040</b>	2	1/4-20 x .750" SHCS & Slide In T-Nut	<b>15S</b>
<b>FC35960M</b>	2	M6 x 18mm SHCS & Drop-In T-Nut	<b>40S</b>

- Attaches to t-slot profile
- Reinforced nylon
- 10, 15 and 40 series



6

## Angle Bracket For Magnetic Door Catch

**F** = Fractional    **M** = Metric



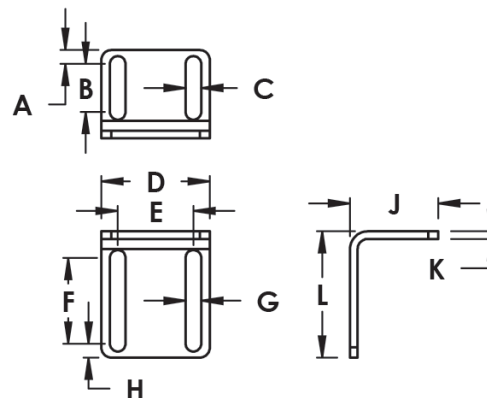
Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>H29649PP</b>	10, 15, 30, 40, 45	5.5mm	19mm	6.2mm	43mm	30mm	34mm	6.2mm	5.5mm	35mm	3mm	50mm

New ☆

### RECOMMENDED BOLT ASSEMBLY

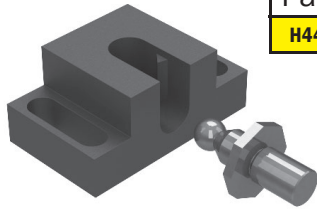
Part #	Qty	Description	Use For
<b>FC35200M</b>	2	M6 x 10mm SHCS & Economy T-Nut	<b>10S</b>
<b>FC36220M</b>	2	M6 x 14mm SHCS & Economy T-Nut	<b>15S</b>
<b>FC36310M</b>	2	M6 x 10mm SHCS & Economy T-Nut	<b>30S</b>
<b>FC36220M</b>	2	M6 x 14mm SHCS & Economy T-Nut	<b>40S</b>
<b>FC35940M</b>	2	M6 x 14mm SHCS & Z-Nut	<b>45S</b>

- Attaches to t-slot profile
- 10, 15, 30, 40 and 45 series



## Nylon Ball Catch

**U** = Universal    **F** = Fractional    **M** = Metric



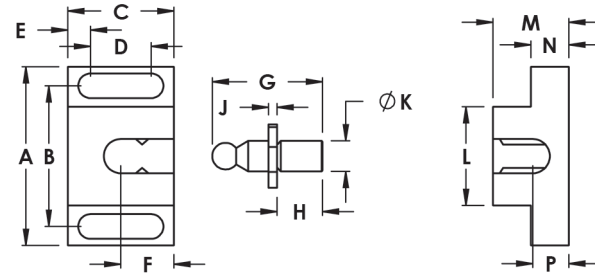
Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P
<b>H44879</b>	10, 15, 30, 40	1.89	1.457	1.102	.630	.236	.512	1.11	.472	.087	M8 x 1.25	.984	.787	.394	.335



- Reinforced nylon
- Attaches to plastic panels
- Zinc plated steel ball catch
- 10, 15, 30 and 40 series

### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34930</b>	2	1/4-20 x .625" SHCS & Slide In T-Nut	<b>10S</b>
<b>FC33040</b>	2	1/4-20 x .750" SHCS & Slide In T-Nut	<b>15S</b>
<b>FC35960M</b>	2	M6 x 18mm SHCS & Drop-In T-Nut	<b>40S</b>



6

## Angle Bracket For Ball Catch

**U** = Universal    **F** = Fractional    **M** = Metric



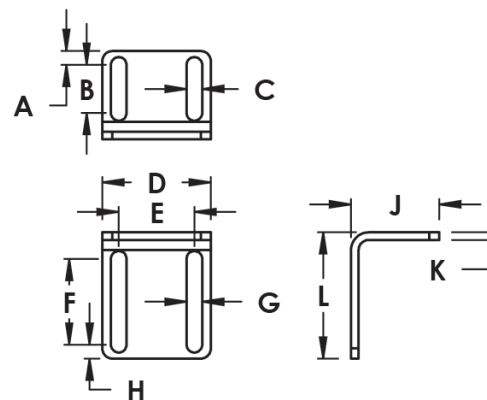
Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>H29659PP</b>	10, 15, 30, 40, 45	5.5mm	19mm	6.2mm	50mm	37mm	34mm	6.2mm	5.5mm	35mm	3mm	50mm

New ✪

### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35200M</b>	2	M6 x 10mm SHCS & Economy T-Nut	<b>10S</b>
<b>FC36220M</b>	2	M6 x 14mm SHCS & Economy T-Nut	<b>15S</b>
<b>FC36310M</b>	2	M6 x 10mm SHCS & Economy T-Nut	<b>30S</b>
<b>FC36220M</b>	2	M6 x 14mm SHCS & Economy T-Nut	<b>40S</b>
<b>FC35940M</b>	2	M6 x 14mm SHCS & Z-Nut	<b>45S</b>

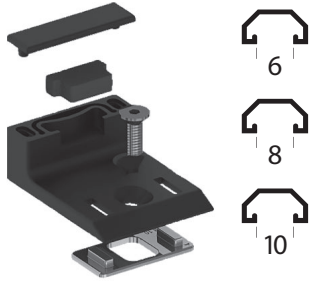
- Attaches to t-slot profile
- Use with ball catch part number H44879
- 10, 15, 30, 40 and 45 series





## Door Stop With EPDM Damper

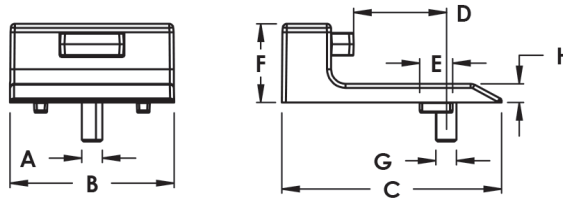
**U** = Universal    **F** = Fractional    **M** = Metric



- Prevents door from swinging to far into frame
- EPDM damper for a soft close

Part #	Series	A	B	C	D	E	F	G	H
<b>H29669PP</b>	15, 40, 45	M5	40mm	53.5mm	20/22.5	8/10	19mm	M5	4.5mm

New \*



6

## Door Stop With Magnetic Catch

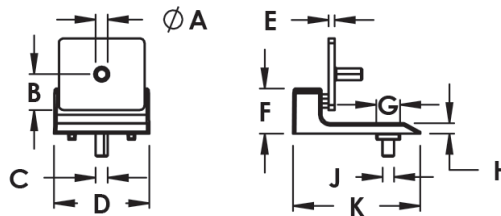
**U** = Universal    **F** = Fractional    **M** = Metric



- Prevents door from swinging to far into frame
- Held in place with magnetic catch

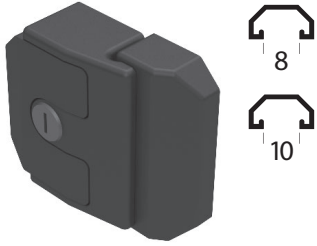
Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H29679PP</b>	15, 40, 45	M5	15mm	5mm	40mm	2.5mm	19mm	8/10	4.5mm	M5	53.5mm

New \*



## Slam Latch

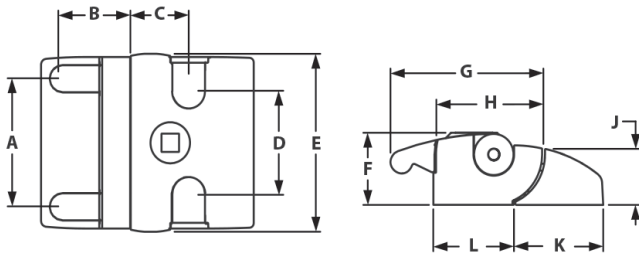
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	Description	A	B	C	D	E	F
<b>H120909</b>	15, 30, 40, 45	Slam Latch w/Alike Key	56mm	30mm	26mm	44.4mm	77.8mm	30mm
<b>H120919</b>	15, 30, 40, 45	Slam Latch w/Different Key	56mm	30mm	26mm	44.4mm	77.8mm	30mm
<b>H120929</b>	15, 30, 40, 45	Slam Latch w/o Key	56mm	30mm	26mm	44.4mm	77.8mm	30mm

G	H	J	K	L
69mm	48mm	20mm	35mm	38mm
69mm	48mm	20mm	35mm	38mm
69mm	48mm	20mm	35mm	38mm

- Die cast aluminum
- Mounts to front of t-slot or door
- Safe against disassembly when locked
- No machining required



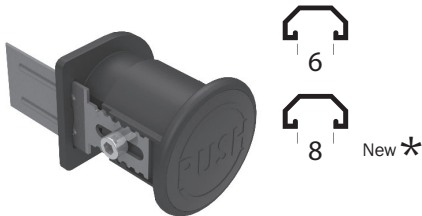
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC35950M</b>	4	M6 x 16mm SHCS & Drop In Z-Nut	<b>15S</b>
<b>FC35950M</b>	4	M6 x 16mm SHCS & Drop In Z-Nut	<b>30S</b>
<b>FC35950M</b>	4	M6 x 16mm SHCS & Drop In Z-Nut	<b>40S</b>
<b>FC35790M</b>	4	M6 x 16mm SHCS & Drop In Z-Nut	<b>45S</b>

6

## Emergency Opener For Slam Latch

**U** = Universal   **F** = Fractional   **M** = Metric



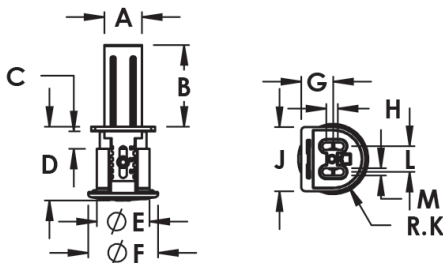
Part #	Series	A	B	C	D	E	F
<b>H120039</b>	10, 15, 30, 40, 45	32mm	50mm	15mm	48mm-63mm	45mm	60mm

G	H	J	K	L	M
27.4mm	12mm	55mm	27.5mm	22mm	6.4mm

- Rear side emergency release for slam latch
- No machining required
- Fiberglass reinforced plastic body

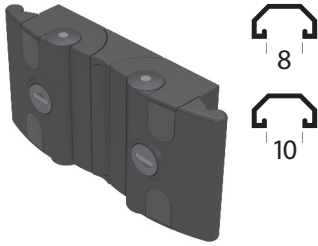
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>F65200M</b>	2	M6 x 20mm SHCS	<b>H120039</b>



## Twin Slam Latch Compact

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E
<b>H120919DD</b>	15, 30, 40, 45	Universal Key	56mm	78mm	69mm	46-48mm	8/10
<b>H120929DD</b>	15, 30, 40, 45	Unique Key	56mm	78mm	69mm	46-48mm	8/10

New \*

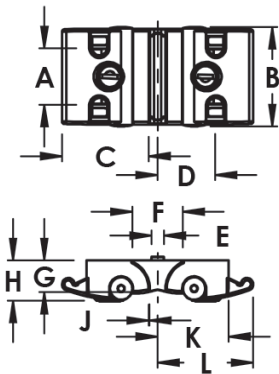
F	G	H	J	K	L
40mm	24.5mm	31.5mm	1-3mm	56-58mm	76-78mm
40mm	24.5mm	31.5mm	1-3mm	56-58mm	76-78mm

- Provides selective door access by use of a single post
- Black powder coated aluminum

### RECOMMENDED FASTENERS

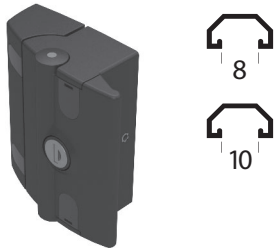
Part #	Qty	Description	Use For
<b>FC35950M</b>	6	M6 x 16mm SHCS & Drop In Z-Nut	<b>15S</b>
<b>FC35950M</b>	6	M6 x 16mm SHCS & Drop In Z-Nut	<b>30S</b>
<b>FC35950M</b>	6	M6 x 16mm SHCS & Drop In Z-Nut	<b>40S</b>
<b>FC35790M</b>	6	M6 x 16mm SHCS & Drop In Z-Nut	<b>45S</b>

6



## Slam Latch Pro-e

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G
<b>H120919PE</b>	15, 30, 40, 45	Universal Key	M12 x 1	78mm	71.5mm	12mm	68mm	66mm	107mm

New \*

H	J	K	L	M	N	P	Q
18mm	10mm	36mm	46mm	40mm	5mm	38mm	58mm

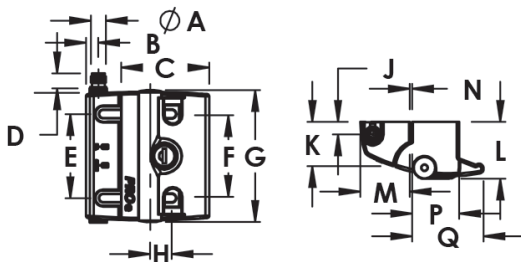
- Handle with interlocking module
- Proven transponder coded technology
- Provides best possible protection against tampering

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>F65350M</b>	4	M6 x 35mm SHCS	<b>H120919PE</b>

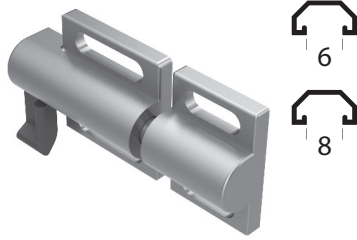
### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>F63160M</b>	4	M6 x 16mm BHSCS	<b>H120919PE</b>



## 90° Deadbolt Latch

**U** = Universal    **F** = Fractional    **M** = Metric

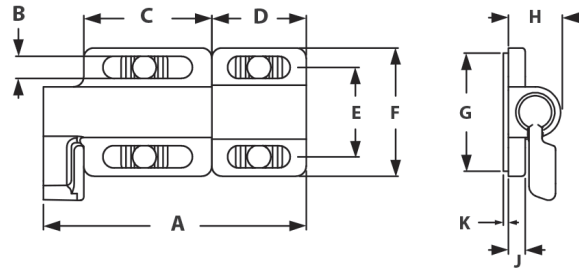


Part #	Series	A	B	C	D	E	F	G	H	J
<b>H21079</b>	10, 15, 30, 40, 45	2.50	.259	1.50	1.00	1.50	1.00	1.062	.625	.187

### INCLUDED FASTENERS

Part #	Qty	Description	Use For
<b>F30620</b>	4	1/4-20 x 1/2 SHCS & Slide In T-Nut	<b>H21079</b>

- Strong, corrosion resistant aluminum
- Stainless steel main bolt
- 90 degree handle prevents snagging
- Hardware included



## HDPE Panels

**U** = Universal   **F** = Fractional   **M** = Metric



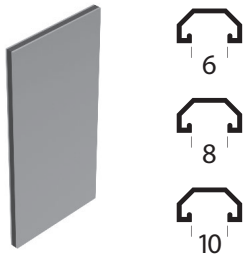
- Strong high density polyethylene
- Corrosion resistant
- Warp resistant
- Chemical and impact resistant
- 6 colors to choose from
- Easily machined

Part #	Description	Thickness	Sheet Size
<b>H26519</b>	Black HDPE Panel	6mm	4' x 8'
<b>H26529</b>	Black HDPE Panel	4.5mm	4' x 8'
<b>H26539</b>	White HDPE Panel	6mm	4' x 8'
<b>H26549</b>	White HDPE Panel	4.5mm	4' x 8'
<b>H26559</b>	Gray HDPE Panel	6mm	4' x 8'
<b>H26569</b>	Gray HDPE Panel	4.5mm	4' x 8'
<b>H26579</b>	Yellow HDPE Panel	6mm	4' x 8'
<b>H26589</b>	Yellow HDPE Panel	4.5mm	4' x 8'
<b>H26669</b>	Blue HDPE Panel	6mm	4' x 8'
<b>H26679</b>	Blue HDPE Panel	4.5mm	4' x 8'
<b>H26689</b>	Red HDPE Panel	6mm	4' x 8'
<b>H26699</b>	Red HDPE Panel	4.5mm	4' x 8'

# 6

## Aluminum Composite Panels

**U** = Universal   **F** = Fractional   **M** = Metric

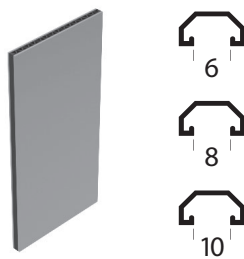


- Aluminum composite panel
- 1/2 the weight of aluminum
- Impact and weather resistant
- Stable up to 175 degrees Fahrenheit
- Used in workstations, guarding, and enclosures

Part #	Description	Thickness	Sheet Size
<b>H26509</b>	Platinum Aluminum Composite Panel	6mm	49" x 122"

## Alumalite® Panels

**U** = Universal   **F** = Fractional   **M** = Metric



- Lite aluminum composite panel
- Weather resistant
- Stable up to 175 degrees Fahrenheit
- Commonly used in Signs, displays and enclosures

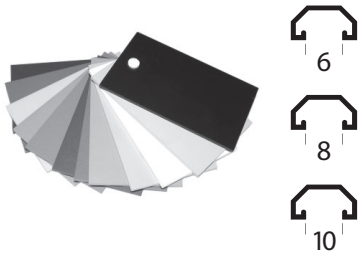
Part #	Description	Thickness	Sheet Size
<b>H26339</b>	Blue Alumalite Panel	6mm	4' x 8'
<b>H26349</b>	Red Alumalite Panel	6mm	4' x 8'
<b>H26359</b>	Silver Alumalite Panel	6mm	4' x 8'
<b>H26369</b>	Yellow Alumalite Panel	6mm	4' x 8'



# Plastic & Wire Mesh Panels

## Plastic Panels

**U** = Universal    **F** = Fractional    **M** = Metric



### ACRYLIC PANELS

- High optical clarity and weather resistant
- Stable up to 180 degrees Fahrenheit
- Used in displays, signs and furniture

### POLYCARBONATE PANELS

- 30 times stronger than acrylic
- Durable and impact resistant
- Stable up to 240 degrees Fahrenheit
- Ideal for industrial applications

### HDPE PANELS

- Strong and corrosion resistant
- Impact and chemical resistant
- Used in workstations, guarding, storage and enclosures

### HAIRCELL ABS PANELS

- Cost effective
- One smooth side and one textured
- Stable up to 180 degrees Fahrenheit
- Used in workstations, furniture, displays and partitions

### EXPANDED PVC PANELS

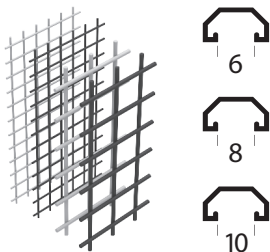
- Lightweight and cost effective
- Chemical and weather resistant
- Stable up to 140 degrees Fahrenheit
- Used in displays, exhibits and signage

Part #	Description	Thickness	Sheet Size
H26019	1/4" Clear Acrylic	0.236	4' x 8'
H26029	3/16" Clear Acrylic	0.177	4' x 8'
H26039	1/4" White Acrylic	0.236	4' x 8'
H26049	3/16" White Acrylic	0.177	4' x 8'
H26059	1/4" Black Acrylic	0.236	4' x 8'
H26069	3/16" Black Acrylic	0.177	4' x 8'
H26079	1/4" Bronze Acrylic	0.236	4' x 8'
H26089	3/16" Bronze Acrylic	0.177	4' x 8'
H26099	1/4" Clear Polycarbonate	0.236	4' x 8'
H26109	3/16" Clear Polycarbonate	0.177	4' x 8'
H26119	1/4" Bronze Polycarbonate	0.236	4' x 8'
H26129	3/16" Bronze Polycarbonate	0.177	4' x 8'
H26299	1/4" Gray Polycarbonate	0.236	4' x 8'
H26309	3/16" Gray Polycarbonate	0.177	4' x 8'
H26519	6mm Black HDPE	0.236	4' x 8'
H26669	6mm Blue HDPE	0.236	4' x 8'
H26689	1/4" Red HDPE	0.236	4' x 8'
H26139	1/4" Black Haircell ABS	0.236	4' x 8'
H26149	3/6" Black Haircell ABS	0.177	4' x 8'
H26159	6mm White Expanded PVC	6mm	4' x 8'
H26169	3mm White Expanded PVC	3mm	4' x 8'
H26179	6mm Black Expanded PVC	6mm	4' x 8'
H26189	3mm Black Expanded PVC	3mm	4' x 8'
H26199	6mm Red Expanded PVC	6mm	4' x 8'
H26209	3mm Red Expanded PVC	3mm	4' x 8'
H26219	6mm Blue Expanded PVC	6mm	4' x 8'
H26229	3mm Blue Expanded PVC	3mm	4' x 8'
H26239	6mm Gray Expanded PVC	6mm	4' x 8'
H26249	3mm Gray Expanded PVC	3mm	4' x 8'
H26319	6mm Yellow Expanded PVC	6mm	4' x 8'
H26329	3mm Yellow Expanded PVC	3mm	4' x 8'

6

## PVC Coated Wire Mesh

**U** = Universal    **F** = Fractional    **M** = Metric



- Used in enclosures and machine guarding applications
- Impact Resistant
- Provides visibility and ventilation
- Cost-effective

Part #	Description	Thickness	Wire Gauge
H24749	1/2" x 1/2" Black PVC Coated	.14"	16
H24759	1/2" x 1/2" Yellow PVC Coated	.14"	16
H24729	1" x 1" Black PVC Coated	.21"	12
H24739	1" x 1" Yellow PVC Coated	.21"	12

## Area Calculation Matrix

**U** = Universal

**F** = Fractional

**M** = Metric

### How to use the Matrix:

- Round both length and width dimensions up to the next 6" increment.
- Find the length and width along the top and side area calculation matrix.
- Find the area in square feet at the intersection of the length and width matrix.

### Width

	6"	12"	18"	24"	30"	36"	42"	48"	54"	60"
6"	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50
12"	0.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
18"	0.75	1.50	2.25	3.00	3.75	4.50	5.25	6.00	6.75	7.50
24"	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
30"	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50
36"	1.50	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50	15.00
42"	1.75	3.50	5.25	7.00	8.75	10.50	12.25	14.00	15.75	17.50
48"	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
54"	2.25	4.50	6.75	9.00	11.25	13.50	15.75	18.00	20.25	22.50
60"	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00
66"	2.75	5.50	8.25	11.00	13.75	16.50	19.25	22.00	24.75	27.50
72"	3.00	6.00	9.00	12.00	15.00	18.00	21.00	24.00	27.00	30.00
78"	3.25	6.50	9.75	13.00	16.25	19.50	22.75	26.00	29.25	32.50
84"	3.50	7.00	10.75	14.00	17.50	21.00	24.50	28.00	31.50	35.00
90"	3.75	7.50	11.25	15.00	18.75	22.50	26.25	30.00	33.75	37.50
96"	4.00	8.00	12.00	16.00	20.00	24.00	28.00	32.00	36.00	40.00
102"	4.25	8.50	12.75	17.00	21.25	25.50	29.75	34.00	38.25	42.50
108"	4.50	9.00	13.50	18.00	22.50	27.00	31.50	36.00	40.50	45.00

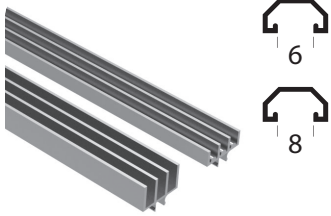
6

Length

# Door Tracks & Panel Stiffener

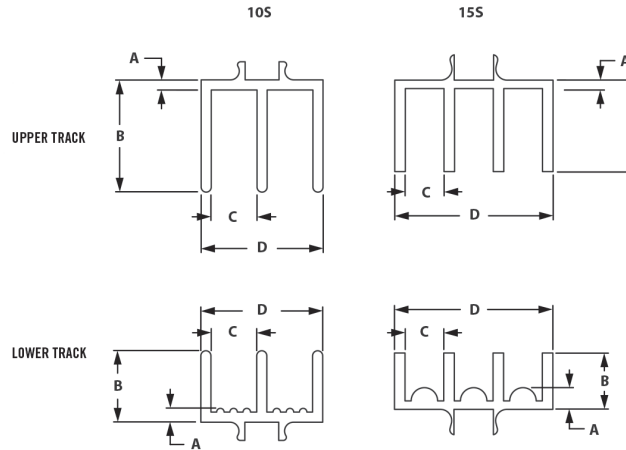
## Door Slide Track

**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	Description	A	B	C	D
<b>P22119</b>	10	Upper Door Slide Track	.062	.688	.281	.750
<b>P22219</b>	10	Lower Door Slide Track	.092	.438	.281	.750
<b>P22109</b>	15/30	Upper Door Slide Track	.075	.650	.275	1.125
<b>P22209</b>	15/30	Lower Door Slide Track	.169	.400	.275	1.125

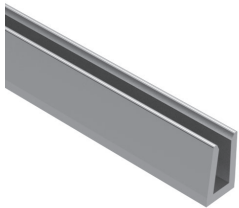
- Snaps into t-slot framing for sliding door applications
- Panels snap in after frame assembly
- Cut to length available



6

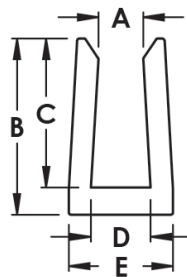
## Panel Stiffener

**U** = Universal   **F** = Fractional   **M** = Metric



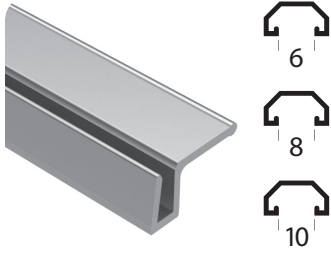
Part #	Description	A	B	C	D	E
<b>H24249</b>	72" Aluminum Panel Stiffener	.182	.710	.600	.245	.417

- Easily taps onto a panel to add rigidity
- Used with .250 panels
- Cut to length available



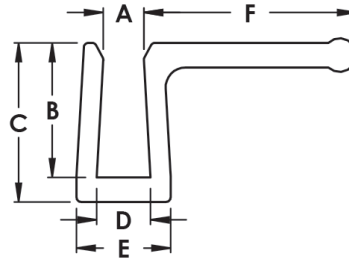
## Panel Stiffener With Handle

**F** = Fractional **M** = Metric



- Easily taps onto a panel to add rigidity
- Added handle for easy lifting
- Used with .250 panels
- Cut to length available

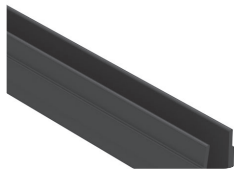
Part #	A	B	C	D	E	F
<b>H24299</b>	.182	.600	.710	.245	.420	.953



## Economy Plastic Panel Gasket

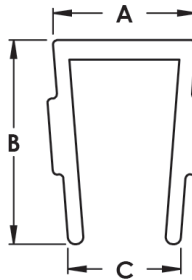
**F** = Fractional **M** = Metric

6



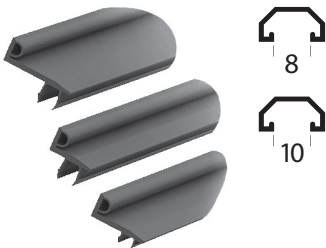
- High density polyethylene
- Recesses into t-slot to secure panel
- 10 and 15 Series

Part #	Series	Description	A	B	C
<b>H21201</b>	10	96" in length, will accommodate 3/16" panels	.250	.300	.230
<b>H21202</b>	15	96" in length, will accommodate 1/4" panels	.327	.469	.260



## Sealing Strip

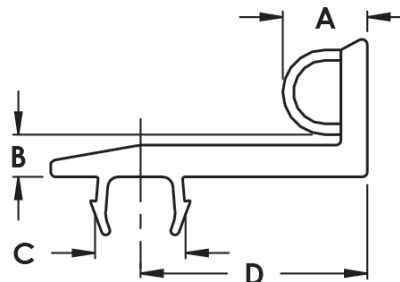
**U** = Universal **F** = Fractional **M** = Metric



- Plastic PVC + TPE, Slot 8, Slot 10
- To close doors sealed, flush and non see through
- Sealing lip covers door gap

Part #	Series	A	B	C	D
<b>H20475PP</b>	30/30	6.5mm	4-8mm	8	21.5mm
<b>H20486PP</b>	30/45	6.5mm	4-8mm	10	14mm
<b>H20496PP</b>	45/45	6.5mm	4-8mm	10	29mm

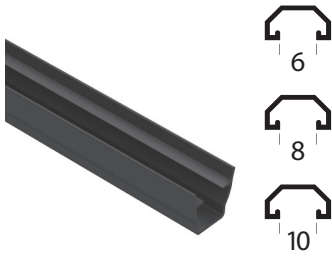
New \*



# Gaskets & T-Slot Covers

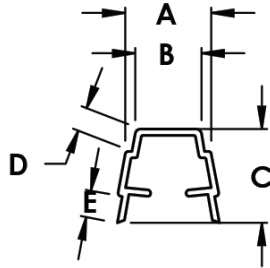
## Deluxe Plastic Panel Gasket

**F** = Fractional **M** = Metric



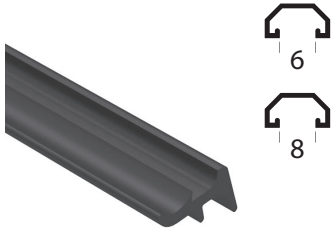
- Stocked in 2M lengths
- 10S will accommodate 3/16" and 1/4" panels
- 15S will accommodate 1/8" and 3/16" panels
- 30 and 45 series sold in standard length of 2M (78.74")

Part #	Series	Description	A	B	C	D	E
H56401	10	Deluxe Plastic Panel Gasket Black	7.3mm	6mm	9mm	2.1mm	2.5mm
H56412	15	Deluxe Plastic Panel Gasket Black	9.4mm	8mm	12mm	3mm	4mm
H57602	15	Deluxe Plastic Panel Gasket Yellow	9.4mm	8mm	12mm	3mm	4mm
H57612	15	Deluxe Plastic Panel Gasket Natural	9.4mm	8mm	12mm	3mm	4mm
H141935	30	Deluxe Plastic Panel Gasket Black	10.2mm	8mm	8.5mm	2mm	2mm
H120136	45	Deluxe Plastic Panel Gasket Black	10mm	10mm	13mm	4mm	8mm

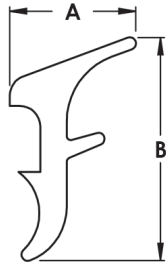


## Rubber Panel Gasket

**F** = Fractional **M** = Metric



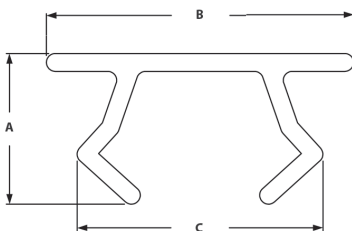
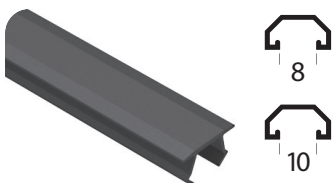
- Stocked in 96" lengths
- 10S will accommodate 3/16" panels
- 15S will accommodate 1/4" panels



Part #	Series	Description	A	B
H21161	10	Will accommodate 3/16" panels	.208	.362
H21152	15	Will accommodate 1/4" panels	.311	.547
H21155	30	Will accommodate 1/4" panels	7.9mm	13.89mm
H141606	45	Will accommodate 1/4" panels	11.13mm	19.4mm

## Economy T-Slot Covers

**F** = Fractional **M** = Metric

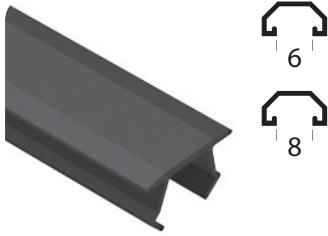


Part #	Series	Description	Length	A	B	C
H28222	15, 30, 40	Safety Yellow T-Slot Cover	1841.50mm/72.5	.282	.505	.416
H28232	15, 30, 40	Black T-Slot Cover	1841.50mm/72.5	.282	.505	.416
H28242	15, 30, 40	Gray T-Slot Cover	1841.50mm/72.5	.282	.505	.416
H28252	15, 30, 40	Red T-Slot Cover	1841.50mm/72.5	.282	.505	.416
H28262	15, 30, 40	Blue T-Slot Cover	1841.50mm/72.5	.282	.505	.416
H141076	45	Black T-Slot Cover	2000.00mm/78.7	7.37mm	11.61mm	11.58mm
H141086	45	Yellow T-Slot Cover	2000.00mm/78.7	7.37mm	11.61mm	11.58mm
H141106	45	Gray T-Slot Cover	2000.00mm/78.7	7.37mm	11.61mm	11.58mm
H141216	45	Blue T-Slot Cover	2000.00mm/78.7	7.37mm	11.61mm	11.58mm
H141236	45	Red T-Slot Cover	2000.00mm/78.7	7.37mm	11.61mm	11.58mm



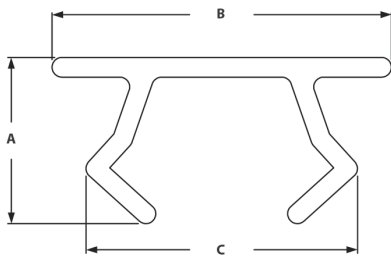
## T-Slot Covers

**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	Description	A	B	C
<b>H28191</b>	10	Yellow T-Slot Cover	.211	.430	.313
<b>H28201</b>	10	Black T-Slot Cover	.211	.430	.313
<b>H28211</b>	10	Gray T-Slot Cover	.211	.430	.313
<b>H28222</b>	15	Yellow T-Slot Cover	.282	.505	.416
<b>H28232</b>	15	Black T-Slot Cover	.282	.505	.416
<b>H28242</b>	15	Gray T-Slot Cover	.282	.505	.416

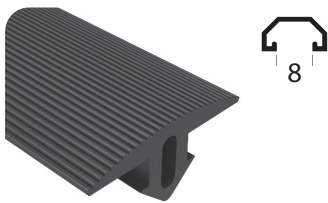
- Covers t-slot to keep dust and dirt out
- Covers wires and tubes in t-slot
- Stocked in 72.5" lengths



6

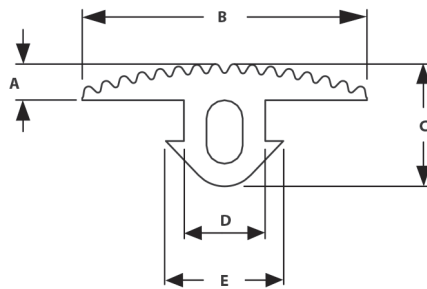
## T-Slot Cover Profile

**U** = Universal   **F** = Fractional   **M** = Metric



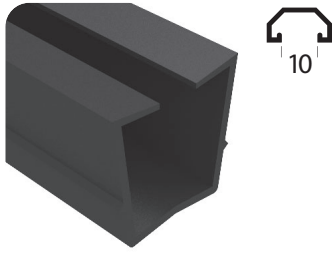
Part #	Series	Description	Length	A	B	C	D	E
<b>H120062</b>	15, 40	T-Slot Cover Profile	Sold By Foot	5.03mm	31.09mm	13.59mm		11.99mm

- Plastic NBR
- Used to cover aluminum profiles
- Can be used as an anti-slip stair tread



## Reduction Profile

**U** = Universal   **F** = Fractional   **M** = Metric

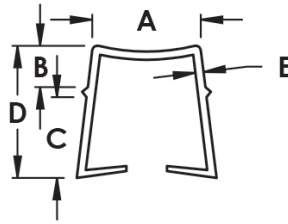


Part #	Series	Description	A	B	C	D	E
<b>H116046PP</b>	45	Will accommodate 4-6mm panels	10mm	4mm	8mm	13mm	0.8mm

New \*

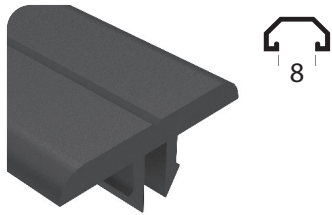
\*Sold per meter

- Used to cover profile slot and secure panels with a thickness of 4-6 mm



## Slide Rail

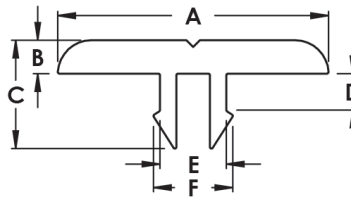
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	A	B	C	D	E	F
<b>H116072PP</b>	15, 40	32mm	4mm	12.8mm	4.5mm	8mm	10mm

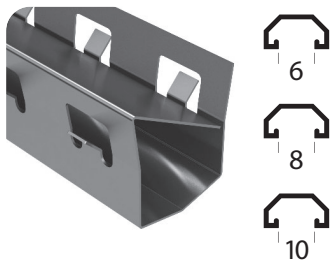
New \*

- Plastic HDPE, Slot 8
- Covers t-slot for protection or used to easily slide goods



## Clamping Spring

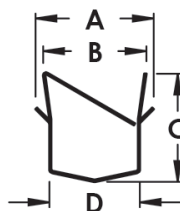
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	Length	Material	A	B	C	D
<b>H116056PP</b>	45	80mm	Stainless Steel	12mm	10.5mm	11mm	9.2mm

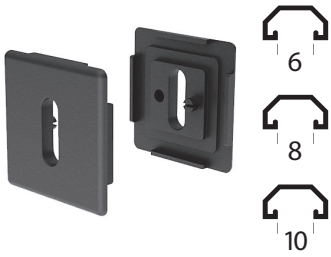
New \*

- Used to secure 2-9 mm panels in aluminum profile slots easily



## Wire Mesh Clamping Plate

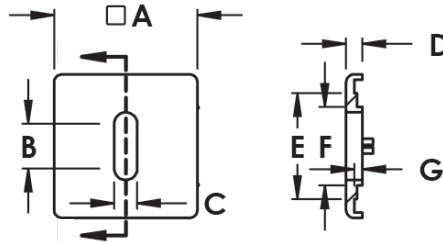
**U** = Universal    **F** = Fractional    **M** = Metric



• Used to attach warning signs, handles or information boards to woven mesh

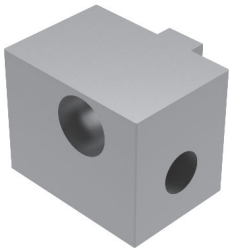
Part #	Series	Description	A	B	C	D	E	F	G
<b>H116069PP</b>	10, 15, 30, 40, 45	Wire Mesh Clamping Plate	53mm	16.5mm	8.5mm	6mm	40mm	30mm	3mm

New \*



## 6 Panel Mount Block

**F** = Fractional    **M** = Metric

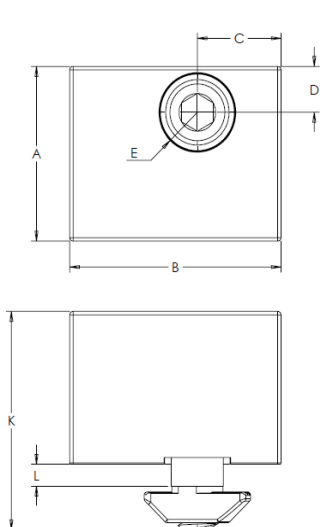


• Attaches panels to t-slot  
• 10S used for 3/16" panels  
• 15S used for 1/4" panels

Part #	Series	A	B	C	D	E
* H24271	10	.750	.812	.316	.250	.382" c-bore .190" deep with .210" thru hole
* H24252	15	1.00	1.25	.500	.263	.438" c-bore .250" deep with .275" thru hole
* H24253	40	25.6MM	33.88MM	14.10MM	7.13MM	11.5MM c-bore 6.12MM deep with 6.6MM thru hole
* H24256	45	29.57MM	38.87MM	16.58MM	9.13MM	15.28MM c-bore 8.10MM deep with 9.3MM thru hole

Part #	Series	F	G	H	I	J	K	L
* H24271	10	.750	.700	.246	.325	1/4-20	.0940	.050
* H24252	15	1.00	.875	.390	.443	5/16-18	1.250	.125
* H24253	40	26.3MM	23.2MM	0.89MM	11.6MM	M8x1.25	32.2MM	3.1MM
* H24256	45	29.5MM	25.0MM	9.89MM	12.5MM	M8x1.25	38.1MM	4.5MM

\* Also available in (BA) Black Anodized



### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>F30630</b>	1	1/4-20 x .625 BHSCS	<b>H24271</b>
<b>F31140</b>	1	5/16-18 x .750 BHSCS	<b>H24252</b>

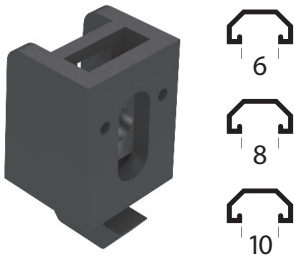
### INCLUDED FASTENERS

Part #	Qty	Description	Use For
<b>F30560</b>	1	10-32 x .75" SHCS	<b>H24271</b>
<b>F32760</b>	1	10-32 Economy T-Nut	<b>H24271</b>
<b>F30710</b>	1	1/4-20 x 1" SHCS	<b>H24252</b>
<b>F32860</b>	1	1/4-20 Economy T-Nut	<b>H24252</b>

# Panel Mount Blocks

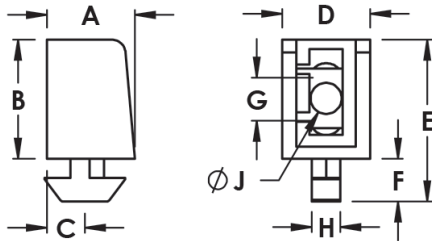
## Panel Mount Block, 1/4 Turn With Square Nut

**F** = Fractional **M** = Metric



• Used to attach panels to aluminum profiles easily

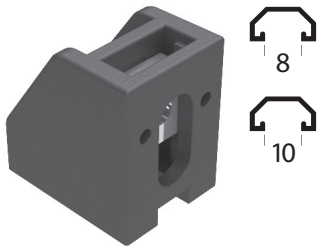
Part #	Series	A	B	C	D	E	F	G	H	J
H141399	15/40	13mm	25mm	8.5mm	18.5mm	34mm	9mm	12.5mm	6mm	M6 x 1.0
H141429	15/40	13mm	25mm	12.5mm	18.5mm	34mm	9mm	12.5mm	6mm	M6 x 1.0
H141439	15/40	13mm	25mm	14.5mm	18.5mm	34mm	9mm	12.5mm	6mm	M6 x 1.0
H141679	15/40	13mm	25mm	12.5mm	18.5mm	34mm	9mm	12.5mm	6mm	1/4-20
H141869	15/40	13mm	25mm	8.5mm	18.5mm	34mm	9mm	12.5mm	6mm	1/4-20
H141919	15/40	13mm	25mm	14.5mm	18.5mm	34mm	9mm	12.5mm	6mm	1/4-20
H141385	30	16mm	25mm	7mm	18.5mm	31.2mm	6.2mm	10.5mm	8mm	M6 x 1.0
H141859	30	16mm	25mm	7mm	18.5mm	31.2mm	6.2mm	10.5mm	8mm	1/4-20
H141406	45	13mm	25mm	9.5mm	18.5mm	35.3mm	10.3mm	12.5mm	9mm	M6 x 1.0
H141886	45	13mm	25mm	9.5mm	18.5mm	35.3mm	10.3mm	12.5mm	9mm	1/4-20
H141909	45	13mm	25mm	14mm	18.5mm	35.3mm	10.3mm	12.5mm	9mm	1/4-20



6

## Plastic Panel Mount Block With Square Nut

**U** = Universal **F** = Fractional **M** = Metric

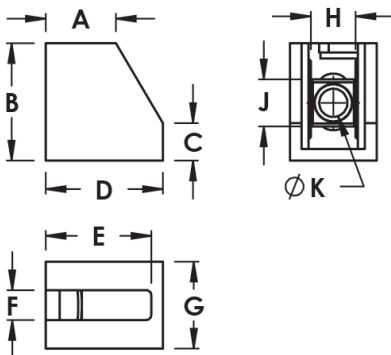


• Used to attach panels to aluminum profiles easily

Part #	Series	A	B	C	D	E	F	G	H	J	K
H120499	15, 30, 40, 45	15mm	25mm	8mm	25mm	22.5mm	6.3mm	18.5mm	9.5mm	10mm	M5
H120509	15, 30, 40, 45	15mm	25mm	8mm	25mm	22.5mm	6.3mm	18.5mm	9.5mm	10mm	M6 x 1.0
H141929	15, 30, 40, 45	15mm	25mm	8mm	25mm	22.5mm	6.3mm	18.5mm	9.5mm	10mm	1/4-20

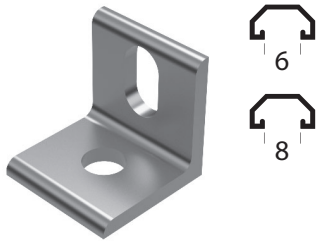
### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
FC34080	1	1/4-20 x .5" BHSCS & Drop-In T-Nut	15S
FC35990M	1	M6 x 10mm BHSCS & Drop In T-Nut	30S
FC36000M	1	M6 x 12mm BHSCS & Drop-In T-Nut	40S
FC36020M	1	M6 x 14mm BHSCS & Drop In T-Nut	45S



## Panel Mount Bracket

**F** = Fractional    **M** = Metric

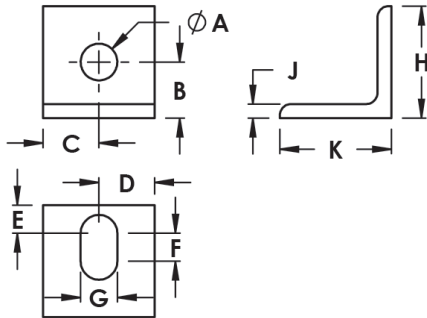


Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H24281</b>	10	.257	.500	.500	.500	.250	.250	.257	1.00	.125	1.00
<b>H24302</b>	15	.328	.500	.500	.500	.281	.250	.328	1.00	.125	1.00

### RECOMMENDED EXTRUSION FASTENERS

Part #	Qty	Description	Use For
<b>FC33860</b>	1	1/4-20 x 3/8" FBHSCS & Economy T-Nut	<b>H24281</b>
<b>FC33190</b>	1	5/16-18 x 1/2" FBHSCS & Economy T-Nut	<b>H24302</b>

• Used to mount plastic panels in place

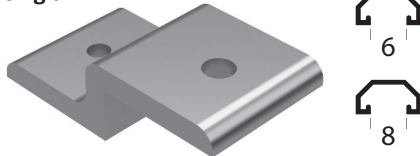


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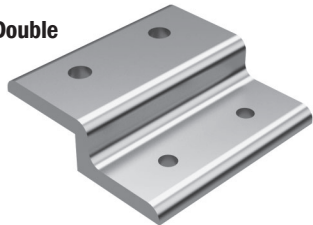
## Panel Retainer

**F** = Fractional    **M** = Metric

Single



Double



Part #	Series	A	B	C	D	E	F	G	H
<b>H24961</b>	10	.500	1.108	1.935	1/4-20	.437	.187	.188	.937
<b>H24971</b>	10	.500	1.108	1.935	1/4-20	.437	.187	.188	.937
<b>H24342</b>	15	.750	1.656	2.874	5/16-18	.625	.250	.250	1.377
<b>H24332</b>	15	.750	1.656	2.874	5/16-18	.625	.250	.250	1.377
<b>H24345</b>	30	15mm	32.5mm	58mm	M8 x 1.25	12.5mm	4mm	4mm	28mm
<b>H24343</b>	40	20mm	44.4mm	77mm	M8 x 1.25	16.8mm	6mm	6mm	37mm
<b>H24346</b>	45	22.5mm	48.5mm	87mm	M8 x 1.25	19mm	6mm	6mm	42mm

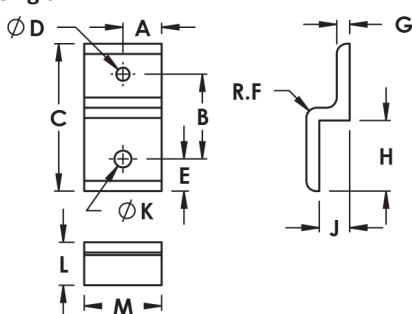
### RECOMMENDED EXTRUSION FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	1	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H24961</b>
<b>FC33930</b>	2	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H24971</b>
<b>FC33650</b>	1	5/16-18 x .687" FBHSCS & Economy T-Nut	<b>H24342</b>
<b>FC33650</b>	2	5/16-18 x .687" FBHSCS & Economy T-Nut	<b>H24332</b>
<b>FC36150M</b>	1	M8 x 12mm BHSCS & Roll In T-Nut	<b>H24345</b>
<b>FC34220M</b>	1	M8 x 16mm BHSCS & Economy T-Nut	<b>H24343</b>
<b>FC36190M</b>	1	M8 x 18mm BHSCS & Z-Nut	<b>H24346</b>

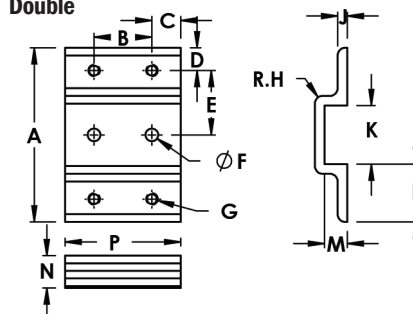
J	K	L	M
.375	.257	.543	1.00
.375	.257	.563	2.00
.590	.328	.840	1.50
.590	.328	.840	3.00
7.2mm	8.3mm	11.2mm	30mm
5.95mm	8.3mm	21.95mm	40mm
17.3mm	8.3mm	23.3mm	45mm

• Used to hold a single or double panel in place

Single



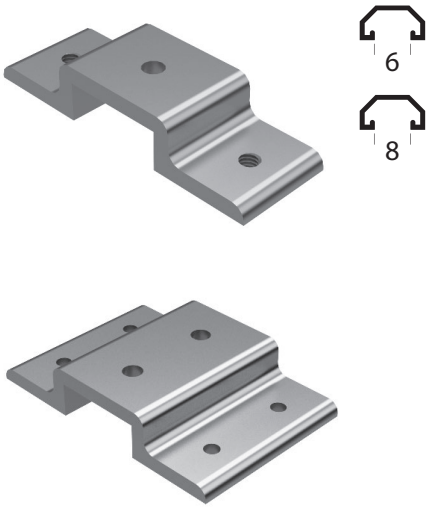
Double





## Double Panel Retainer

**F** = Fractional    **M** = Metric



Part #	Series	Description
<b>H25121</b>	10	1" Double Panel Retainer
<b>H25131</b>	10	2" Double Panel Retainer
<b>H25152</b>	15	1.5" Double Panel Retainer
<b>H25162</b>	15	3" Double Panel Retainer

### RECOMMENDED EXTRUSION FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	1	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H25121</b>
<b>FC33930</b>	2	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H25131</b>
<b>FC33650</b>	1	5/16-18 x .625" BHSCS & Economy T-Nut	<b>H25152</b>
<b>FC33650</b>	2	5/16-18 x .625" BHSCS & Economy T-Nut	<b>H25162</b>

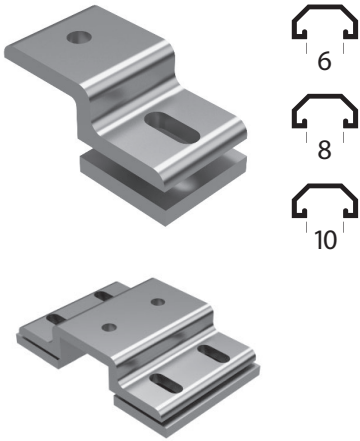
**6**

• Used to hold two panels in place

# Panel & Mesh Retainers

## Mesh Panel Retainer

**F** = Fractional    **M** = Metric



- Used to hold a single or double mesh panel in place
- Order with or without backing plate

### RECOMMENDED EXTRUSION FASTENERS

Series	Part #	Qty	Description	Use For
10	<b>FC33210</b>	1	1/4-20 x 1/2 FBHSCS & Economy T-Nut	H24901
15	<b>FC33200</b>	1	5/16-18 x 11/16 FBHSCS & Economy T-Nut	H24322
30	<b>FC36150M</b>	1	M8 x 12mm BHSCS & Roll-in T-Nut	H24325
40	<b>FC34220M</b>	1	M8 x 16mm BHSCS & Economy T-Nut	H24323
45	<b>FC36190M</b>	1	M8 x 18 BHSCS & Economy T-Nut	H24326

### RECOMMENDED BOLT FOR BACKING PLATE

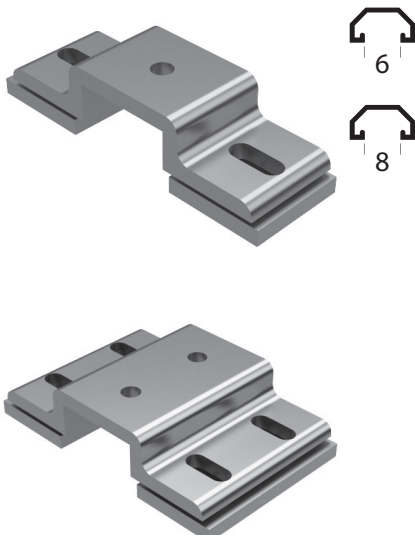
Series	Part #	Qty	Description	Use For
10	<b>F30630</b>	1	1/4-20 x .625" BHSCS	H24921
15	<b>F31140</b>	1	5/16-18 x .75" BHSCS	H24382
30	<b>F83160M</b>	1	M8 x 16mm BHSCS	H24385
40	<b>F83200M</b>	1	M8 x 20mm BHSCS	H24383
45	<b>F83180M</b>	1	M8 x 18 BHSCS	H24386

Part #	Series	Description
<b>H24901</b>	10	1" Mesh Retainer
<b>H24931</b>	10	2" Mesh Retainer
<b>H24911</b>	10	1" Mesh Retainer w/ Back Plate
<b>H24941</b>	10	2" Mesh Retainer w/ Back Plate
<b>H24921</b>	10	1" Backing Plate
<b>H24951</b>	10	2" Backing Plate
<b>H24322</b>	15	1.5" Single Mesh Retainer
<b>H24312</b>	15	3" Single Mesh Retainer
<b>H24382</b>	15	1.5" Backing Plate
<b>H24362</b>	15	1.5" Single Mesh Retainer w/ Back Plate
<b>H24352</b>	15	3" Single Mesh Retainer w/ Dbl Back Plate
<b>H24382</b>	15	Backing Plate For 1.5" Mesh Retainer
<b>H24372</b>	15	3" Double Backing Plate
<b>H24325</b>	30	Single Mesh Retainer
<b>H24385</b>	30	Single Backing Plate
<b>H24365</b>	30	Single Mesh Retainer w/ Back Plate
<b>H24315</b>	30	Double Mesh Retainer
<b>H24375</b>	30	Double Backing Plate
<b>H24355</b>	30	Double Mesh Retainer w/ Back Plate
<b>H24323</b>	40	Single Mesh Retainer
<b>H24383</b>	40	Single Backing Plate
<b>H24363</b>	40	Single Mesh Retainer w/ Back Plate
<b>H24326</b>	45	Single Mesh Retainer
<b>H24386</b>	45	Single Backing Plate
<b>H24366</b>	45	Single Mesh Retainer w/ Back Plate
<b>H24316</b>	45	Double Mesh Retainer
<b>H24376</b>	45	Double Backing Plate
<b>H24356</b>	45	Double Mesh Retainer w/ Back Plate

6

# Mesh Retainers & Door Sliders

## Double Mesh Panel Retainer



- Used to hold two mesh panels in place
- Order with or without backing plate

Part #	Series	Description
<b>H25211</b>	10	1" Double Mesh Retainer
<b>H25231</b>	10	2" Double Mesh Retainer
<b>H25172</b>	15	1.5" Double Mesh Retainer
<b>H25192</b>	15	3" Double Mesh Retainer
<b>H25221</b>	10	1" Dbl Mesh Retainer w/ Back Plate*
<b>H25241</b>	10	2" Dbl Mesh Retainer w/ Dbl Back Plates*
<b>H25182</b>	15	1.5" Dbl Mesh Retainer w/ Back Plate*
<b>H25202</b>	15	3" Dbl Mesh Retainer w/ Dbl Back Plates*
<b>H24921</b>	10	1" Backing Plate
<b>H24951</b>	10	2" Double Backing Plate
<b>H24382</b>	15	1.5" Backing Plate
<b>H24372</b>	15	3" Double Backing Plate

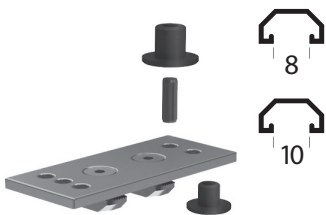
### RECOMMENDED EXTRUSION FASTENERS

Part #	Qty	Description	Use For
<b>FC33930</b>	1	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H25211 &amp; H25221</b>
<b>FC33930</b>	2	1/4-20 x .500" BHSCS & Economy T-Nut	<b>H25231 &amp; H25241</b>
<b>FC33650</b>	1	5/16-18 x .625" BHSCS & Economy T-Nut	<b>H25172 &amp; H25182</b>
<b>FC33650</b>	2	5/16-18 x .625" BHSCS & Economy T-Nut	<b>H25192 &amp; H25202</b>

6

## Folding Door Element (Set)

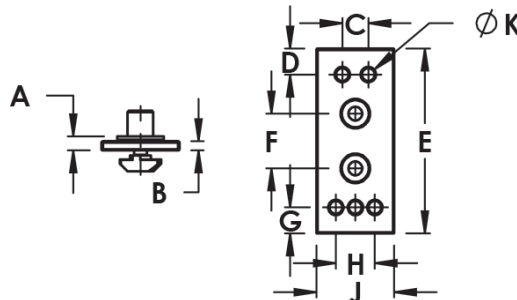
**U** = Universal    **F** = Fractional    **M** = Metric



- Used to attach folding doors to t-slot frame
- Anodized Aluminum

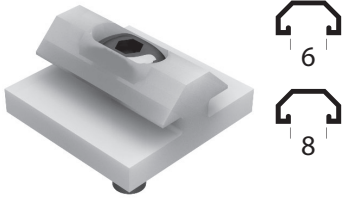
Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H116129PP</b>	15, 30, 40, 45	5.5mm	3.5mm	10mm	10mm	71mm	21mm	10mm	15mm	30mm	4.9mm

New ✨



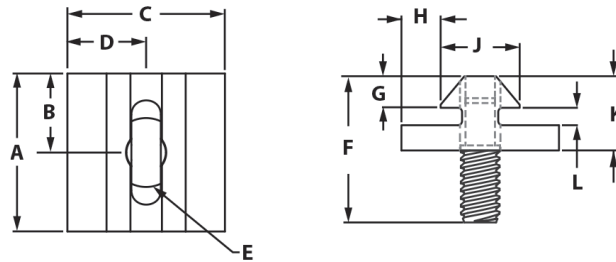
## Top Mount Bifold Door Hanger Assembly

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L
<b>H20591</b>	10	1.00	.500	1.00	.500	1/4-20	.920	.200	.250	.500	.470	.110
<b>H20512</b>	15	1.50	.750	1.500	.750	5/16-18	1.71	.265	.365	.770	.700	.195

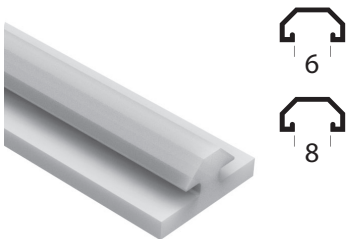
- Slides into t-slot
- Used to create sliding or bifold door
- UHMW polyethylene
- No lubrication needed



6

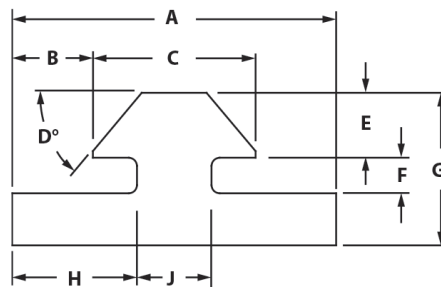
## Top Mount Bifold Door Hanger Profile

**F** = Fractional    **M** = Metric



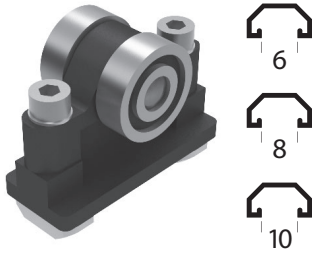
Part #	Series	Length	A	B	C	D	E	F	G	H	J
<b>H67101</b>	10	Per Inch	1.00	.250	.500	50°	.200	.110	.470	.385	.230
<b>H68082</b>	15	Per Inch	1.50	.365	.770	45°	.265	.195	.700	.600	.300

- Slides into t-slot
- Used to create sliding or bifold door
- UHMW polyethylene
- No lubrication needed



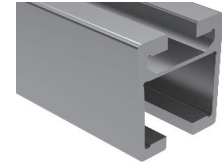
## Trolley Set

**U** = Universal   **F** = Fractional   **M** = Metric

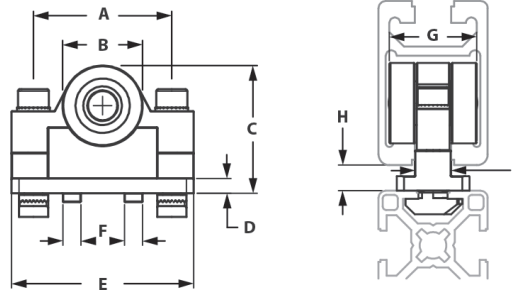


Part #	Series	A	B	C	D	E	F	G	H	J
<b>H29909PP</b>	15, 30, 40, 45	5mm	22mm	35mm	4mm	50mm	8mm	24mm	6mm	10mm

\*This trolley set works with extrusion E3045C, found on page 58.



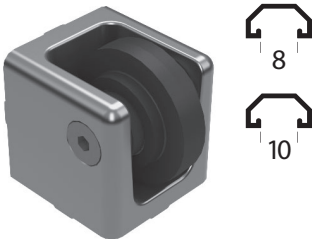
- Moves suspended sliding doors built of slot 8 profiles in slot 10 rail profiles
- Plastic trolley with steel bearing and stainless straight pin
- Steel mounting material



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## Sliding Door Guide

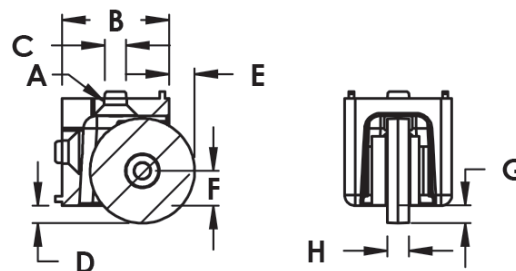
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H
<b>H116093PP</b>	40	M8	40mm	8.5mm	9.5mm	6.5mm	10mm	9.5mm	8mm
<b>H116106PP</b>	40	M8	40mm	8.5mm	9.5mm	6.5mm	10mm	9.5mm	10mm
<b>H116116PP</b>	45	M8	45mm	8.5mm	9.5mm	6.5mm	10mm	9.5mm	10mm

New ★

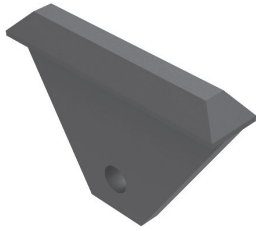
- Connects two profiles at right angle
- Guides, lifts or slides door in the slot of a t-slot profile
- Die-cast aluminum casing
- Glass reinforced plastic roller





## Tool Hangers

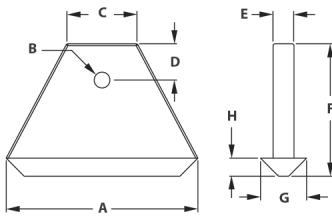
**U** = Universal    **F** = Fractional    **M** = Metric



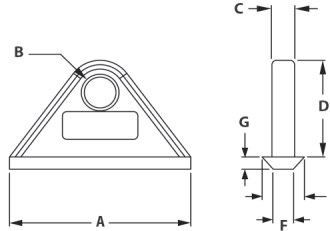
Part #	Series	A	B	C	D	E	F	G	H
<b>H20991</b>	10	2.00	.164	.713	.375	.218	1.37	.480	.187
<b>H21002</b>	15	2.362	.413	.295	1.299	.551	.260	.165	n/a
<b>H120165</b>	30	60mm	26mm	10.5mm	8mm	32.8mm	15mm	4.2mm	n/a
<b>H120159</b>	45	60mm	26mm	10.5mm	10mm	32.8mm	19mm	4.2mm	n/a

- Ideal for hanging air tools, cable reels, heavy door panels or transporting cables
- Slides into extrusion end and moves easily in the t-slot
- 100 lb capacity

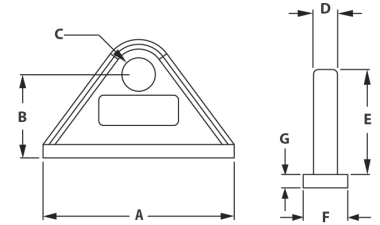
10 Series



15 Series



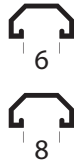
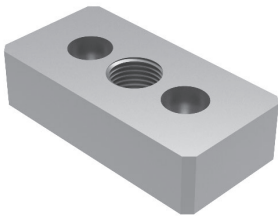
30/45 Series



6

## Pressure Manifold Plates

**U** = Universal    **F** = Fractional    **M** = Metric



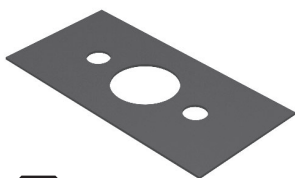
- Used to seal a t-slot end before adding pressure
- Max pressure 150 psi
- Anodized aluminum

Part #	Series	Description
H23411	10	1" x 2" Blank Plate For Extrusion End
H24391	10	1" x 2" 1/8" NPT Side Mount Plate
H21511	10	1" x 2" 1/4" NPT End Mount Plate
H24511	10	1" x 2" Blank Side Mount Plate
H24461	10	1" x 3" Blank Plate
H24471	10	1" x 3" 1/4" NPT Blank Plate
H23491	10	2" x 2" Blank Plate For Extrusion End
H21591	10	2" x 2" 3/8" NPT End Mount Plate
H23402	15	1.5" x 3" Blank Plate For Extrusion End
H24502	15	1.5" x 3" Side Mount Blank Plate
H21502	15	1.5" x 3" 3/8" NPT End Mount Plate
H24412	15	1.5" x 3" 3/8" NPT Side Mount Plate
H24402	15	1.5" x 3" 1/4" NPT Side Mount Plate
H23502	15	3" x 3" Blank Plate For Extrusion End
H21612	15	1.5" x 4.5" Blank End Mount Plate
H21622	15	1.5" x 4.5" 3/8" NPT End Mount Plate

6

## Replacement Gaskets and O-Rings

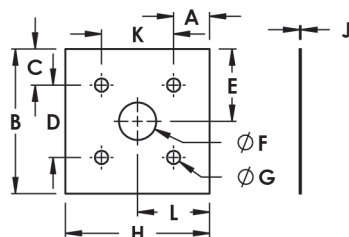
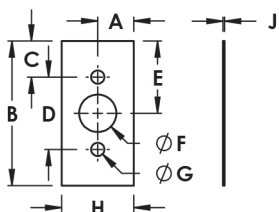
**U** = Universal    **F** = Fractional    **M** = Metric



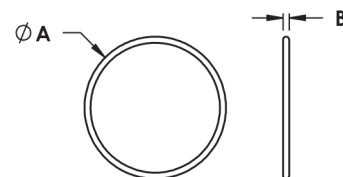
Part #	Series	Description	Material	A	B	C	D	E	F	G	H	J	K
H21521	10	1" x 2" Gasket	CR-20*	.500	2.00	.500	1.00	1.00	.515	.265	1.00	.030	n/a
H21541	10	2" x 2" Gasket	CR-20*	1.00	2.00	.500	1.00	1.00	.750	.265	2.00	.030	1.00
H21532	15/40	1.5" x 3" Gasket	CR-20*	.750	3.00	.750	1.50	1.50	.775	.275	1.50	.030	n/a
H21332	15	1.5" x 4.5" Gasket	CR-20*	.750	.450	.750	1.50	1.50	.750	.265	1.50	.030	1.50
H21552	15/40	3" x 3" Gasket	CR-20*	.750	3.00	.750	1.50	1.50	1.25	.285	3.00	.030	.750
H21571	10	1" x 2" O-Ring	Rubber	.500	.062	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
H21562	15/40	1.5" x 3" O-Ring	Rubber	1.00	.100	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

\*CR-20 is a cork and synthetic rubber material manufactured by Global Technology Systems

Gaskets

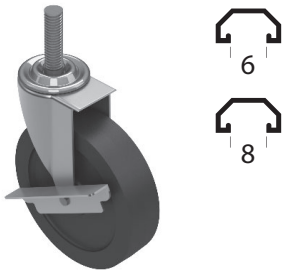


O-Rings



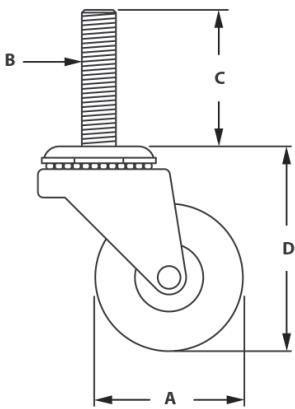
## Threaded Stem Swivel Casters

**U** = Universal    **F** = Fractional    **M** = Metric



- Black Rubber Wheel
- Steel with Zinc finish

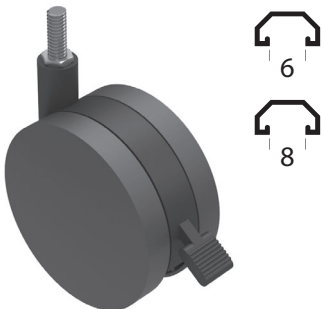
Part #	Series	Description	Capacity	A	B	C	D
<b>H22989</b>	10	Swivel Caster w/o Brake	70 lbs	1.625	3/8-16	1.50	2.313
<b>H22999</b>	10	Swivel Caster w/ Brake	75 lbs	2.00	3/8-16	1.50	2.531
<b>H23009</b>	10	Swivel Caster w/ Brake	95 lbs	3.00	3/8-16	1.50	3.531
<b>H23109</b>	15	Swivel Caster w/ Brake	115 lbs	4.00	7/16-14	1.50	4.531
<b>H23059</b>	15	Swivel Caster w/ Brake	110 lbs	4.00	7/16-14	1.50	4.531
<b>H23069</b>	15	Swivel Caster w/ Brake	125 lbs	5.00	7/16-14	1.50	5.531
<b>H23079</b>	15	Swivel Caster w/ Brake	150 lbs	5.00	7/16-14	1.50	5.531
<b>H22989M</b>	40	Swivel Caster w/o Brake	34 kg	35mm	M10 x 30	38mm	58.7mm
<b>H22999M</b>	40	Swivel Caster w/ Brake	22.7 kg	50mm	M10 x 30	38mm	64.3mm
<b>H23009M</b>	40	Swivel Caster w/ Brake	34 kg	75mm	M10 x 30	38mm	89.7mm
<b>H23109M</b>	40	Swivel Caster w/ Brake	45 kg	100mm	M10 x 30	38mm	115mm
<b>H23069M</b>	40	Swivel Caster w/ Brake	49.9 kg	125mm	M10 x 30	38mm	140mm



6

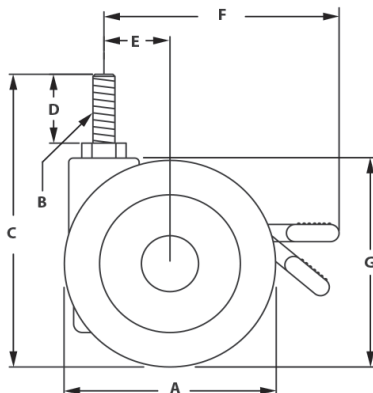
## Furniture Style Casters

**U** = Universal    **F** = Fractional    **M** = Metric



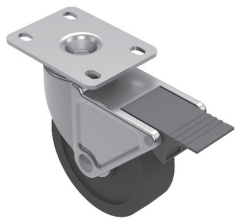
- Black Nylon and Steel

Part #	Series	Capacity	A	B	C	D	E	F	G	Brake
<b>H22919</b>	10/15	165 lbs	2.85	3/8-16	4.40	1.00	.944	3.66	3.15	No
<b>H22929</b>	10/15	165 lbs	2.85	3/8-16	4.40	1.00	.944	3.66	3.15	Yes
<b>H22939</b>	10/15	225 lbs	3.93	3/8-16	5.82	1.00	1.37	4.88	4.33	No
<b>H22949</b>	10/15	225 lbs	3.93	3/8-16	5.82	1.00	1.37	4.88	4.33	Yes
<b>H22959</b>	10/15	265 lbs	4.92	1/2-13	6.73	1.00	1.37	5.75	5.24	No
<b>H22969</b>	10/15	265 lbs	4.92	1/2-13	6.73	1.00	1.37	5.75	5.24	Yes



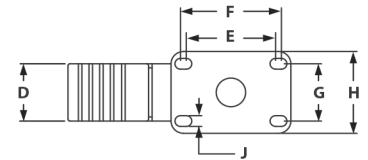
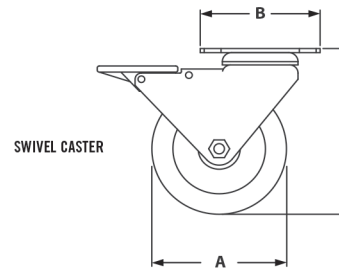
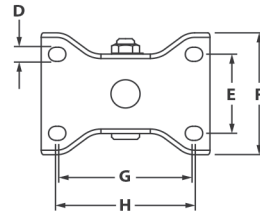
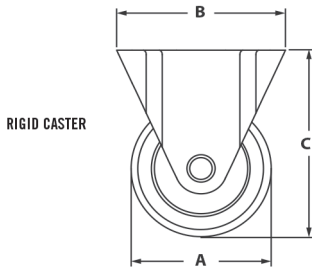
## Flange Mount Casters

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Type	Capacity	A	B	C	D	E	F	G	H	J	Color	Brake
<b>H23119</b>	Rigid	125 lbs	3.00	3.625	4.125	.328	1.750	2.375	2.875	3.00	N/A	Black	No
<b>H23129</b>	Rigid	210 lbs	3.00	3.625	3.813	.328	1.750	2.375	2.875	3.00	N/A	Black	No
<b>H23139</b>	Rigid	165 lbs	4.00	3.625	5.062	.328	1.750	2.375	2.875	3.00	N/A	Grey	No
<b>H23149</b>	Rigid	255 lbs	4.00	3.625	5.125	.328	1.750	2.375	2.875	3.00	N/A	Grey	No
<b>H23159</b>	Rigid	190 lbs	5.00	3.625	6.062	.328	1.750	2.375	2.875	3.00	N/A	Grey	No
<b>H23169</b>	Rigid	280 lbs	5.00	3.625	6.250	.328	1.750	2.375	2.875	3.00	N/A	Grey	No
<b>H23179</b>	Swivel	125 lbs	3.00	3.630	4.125	1.750	2.813	3.063	1.75	2.50	.340	Black	Yes
<b>H23189</b>	Swivel	210 lbs	3.00	3.630	3.820	1.750	2.813	3.063	1.75	2.50	.340	Black	Yes
<b>H23199</b>	Swivel	165 lbs	4.00	3.630	5.062	1.750	2.813	3.063	1.75	2.50	.340	Grey	Yes
<b>H23219</b>	Swivel	255 lbs	4.00	3.630	5.062	1.750	2.813	3.063	1.75	2.50	.340	Grey	Yes
<b>H23229</b>	Swivel	190 lbs	5.00	3.630	6.062	1.750	2.813	3.063	1.75	2.50	.340	Grey	Yes
<b>H23239</b>	Swivel	280 lbs	5.00	3.630	6.062	1.750	2.813	3.063	1.75	2.50	.340	Grey	Yes

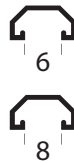
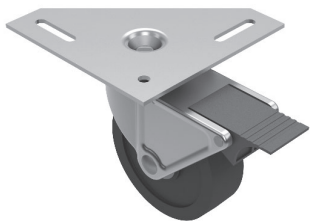
- Mounts to t-slot profile end or using a base plate
- Used for mobile carts and material handling



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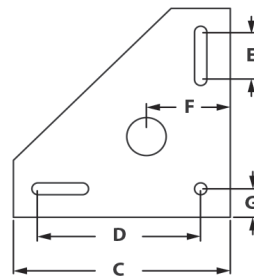
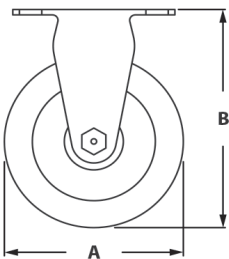
## Triangular Top Plate Casters

**U** = Universal    **F** = Fractional    **M** = Metric



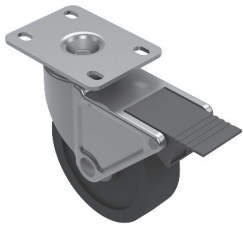
Part #	Series	Capacity	A	B	C	D	E	F	G	Brake
<b>H23379</b>	10/15/40	250 lbs	4.00	5.125	5.50	4.125	1.25	2.125	.750	Yes
<b>H23389</b>	10/15/40	275 lbs	5.00	6.250	5.50	4.125	1.25	2.125	.750	Yes

- Steel with Zinc finish



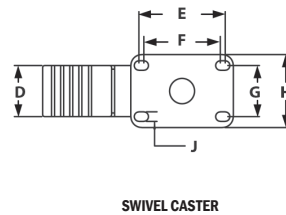
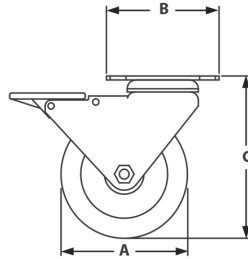
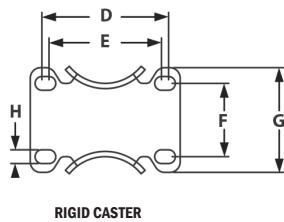
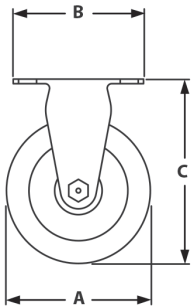
## Deluxe Flange Mount Casters

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Type	Capacity	A	B	C	D	E	F	G	H	J	Brake
<b>H23339</b>	Swivel	250 lbs	4.00	3.63	5.125"	1.75	3.063	2.813	1.75	2.50	.340	No
<b>H23349</b>	Swivel	250 lbs	5.00	3.63	6.250"	3.063	2.813	1.75	2.50	.340	.340	Yes
<b>H23359</b>	Rigid	250 lbs	4.00	3.63	5.125"	1.75	3.063	2.813	1.75	2.50	.340	No
<b>H23369</b>	Rigid	250 lbs	5.00	3.63	6.250"	3.063	2.813	1.75	2.50	.340	.340	No

• Steel with Zinc finish



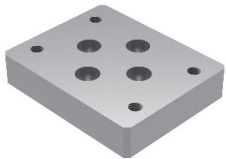
RIGID CASTER

SWIVEL CASTER

6

## Flange Mount Caster Base Plate

**U** = Universal    **F** = Fractional    **M** = Metric

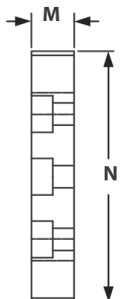
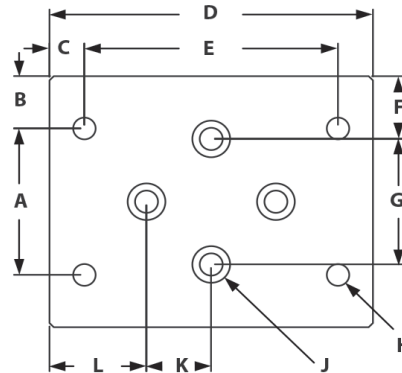
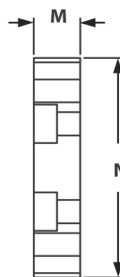
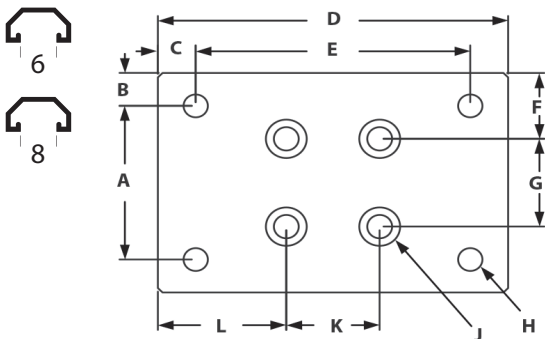


• Steel with Zinc finish

Part #	Series	Style	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>H24181</b>	10	Style 1	1.75	.375	.405	3.75	2.94	.750	1.00	5/16-18	1/4 SHCS	1.00	1.375	.500	2.50
<b>H24191</b>	10	Style 2	1.75	.375	.405	3.75	2.94	1.375	1.00	5/16-18	1/4 SHCS	1.00	1.375	.500	2.50
<b>H24202</b>	15	Style 1	1.75	.625	.405	3.75	2.94	.750	1.50	5/16-18	5/16 SHCS	1.50	1.125	.750	3.00
<b>H24262</b>	15	Style 2	1.75	.625	.405	3.75	2.94	.750	1.50	5/16-18	5/16 SHCS	1.50	1.125	.750	3.00
<b>H24203</b>	40	Style 1	44.4	17.8	11.2	97	74.6	20	40	M8 x 1.25	M8 SHCS	40mm	28.5	19	80
<b>H24263</b>	40	Style 2	44.4	17.8	11.2	97	74.6	20	40	M8 x 1.25	M8 SHCS	40mm	28.5	19	80

STYLE 1

STYLE 2



### RECOMMENDED EXTRUSION END FASTENERS

Part #	Qty	Use For
<b>F31220</b>	4	H24181, H24191, H24202, H24262
<b>F30640</b>	4	H24181, H24191, H24202, H24262
<b>F85250M</b>	4	H24203, H24263

### RECOMMENDED T-SLOT FASTENERS

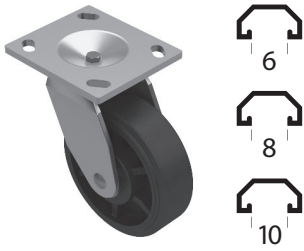
Part #	Qty	Use For
<b>FC34580</b>	4	H24181, H24191, H24202, H24262
<b>FC34910</b>	4	H24181, H24191, H24202, H24262



# Casters & Base Plates

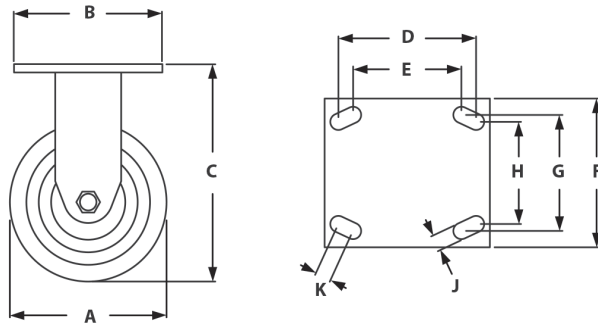
## Heavy Duty Flange Mount Casters

**U** = Universal    **F** = Fractional    **M** = Metric



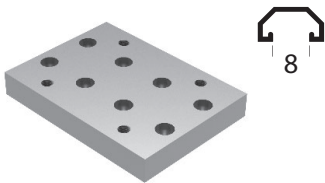
Part #	A	B	C	D	E	F	G	H	J	K	Wheel Color
<b>H27009</b>	5.00	4.50	6.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Gray
<b>H27019</b>	5.00	4.50	6.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Gray
<b>H27049</b>	6.00	4.50	7.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Black
<b>H27059</b>	6.00	4.50	7.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Black
<b>H27089</b>	5.00	4.50	6.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Dark Red
<b>H27099</b>	5.00	4.50	6.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Dark Red
<b>H27129</b>	6.00	4.50	7.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Dark Red
<b>H27139</b>	6.00	4.50	7.50	3.620	3.00	4.00	3.00	2.62	.420	.562	Dark Red

- Mounts to t-slot profile end or using a base plate
- Used for mobile carts and material handling
- Heavy duty and oil resistant



## Heavy Duty Flange Mount Caster Base Plate

**U** = Universal    **F** = Fractional    **M** = Metric



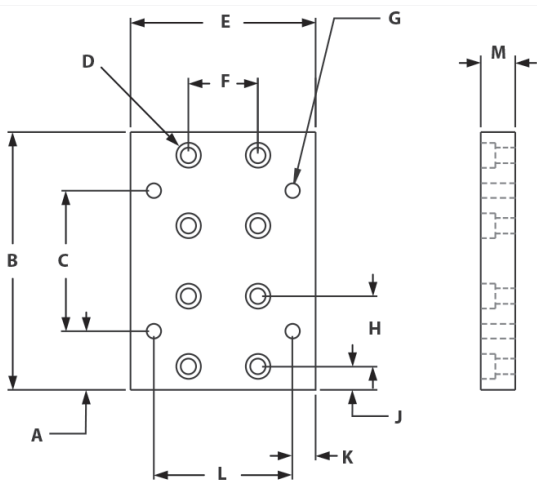
Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M
<b>H21472</b>	15	1.25	5.50	3.00	5/16-18	4.00	1.50	3/8-16	1.50	.500	.500	3.00	.750

### RECOMMENDED T-SLOT FASTENERS

Part #	Qty	Description	Use For
<b>FC34580</b>	8	5/16-18 x 7/8" SHCS	<b>H21472</b>

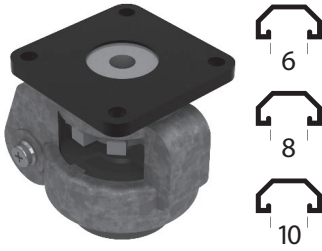
### RECOMMENDED EXTRUSION END FASTENERS

Part #	Qty	Description	Use For
<b>F31220</b>	8	5/16-18 x 1" SHCS	<b>H21472</b>



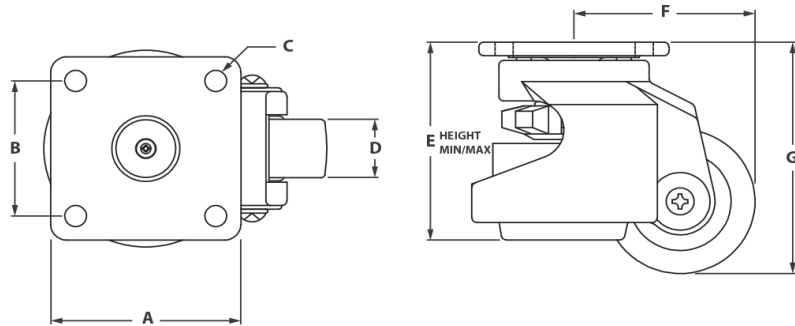
## Leveling Casters

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Capacity	A	B	C	D	E	F	G
<b>H27149</b>	550 lbs	2.874	2.283	.276	.945	2.70 / 3.65	2.362	3.228
<b>H27159</b>	1100 lbs	3.543	2.756	.316	1.142	3.429 / 4.606	3.051	4.020
<b>H27169</b>	1650 lbs	3.543	2.756	.315	1.142	3.429 / 4.606	3.051	4.020
<b>H27179</b>	2200 lbs	3.740	2.756	.433	1.220	4.250 / 4.875	3.563	4.724

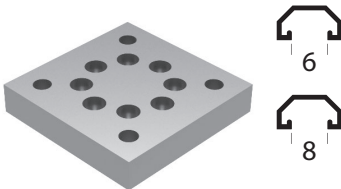
- Used to create leveling and mobility in one unit
- Mounts to t-slot profile end or using a base plate
- Used for mobile carts and material handling
- Heavy duty and oil resistant
- Black Wheels



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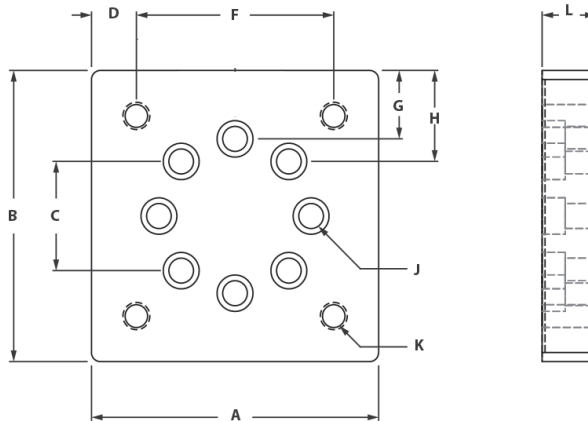
## Leveling Caster Baseplate

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	F	G	H	J	K	L
<b>H24061</b>	10	3.00	3.00	1.00	.358	2.28	.793	1.00	1/4-20 SHCS	1/4-20	.500
<b>H24072</b>	15	3.00	3.00	1.50	.358	2.28	.440	.750	5/16-18 SHCS	1/4-20	.750
<b>H24082</b>	15	3.00	3.00	1.50	.375	2.75	.689	1.00	5/16-18 SHCS	5/16-18	.750
<b>H24092</b>	15	4.00	4.00	1.50	.625	2.75	.940	1.25	5/16-18 SHCS	3/8-16	.750
<b>H24073</b>	40	76mm	76mm	40mm	9.09	58	9.82	16mm	M8 SCHS	M6 x 1.0	19mm
<b>H24083</b>	40	88mm	88mm	40mm	9.45	70	16.17	24mm	M8 SCHS	M8 x 1.25	19mm
<b>H24093</b>	40	101mm	101mm	40mm	15.8	70	22.5	30mm	M8 SCHS	M10 x 1.5	19mm

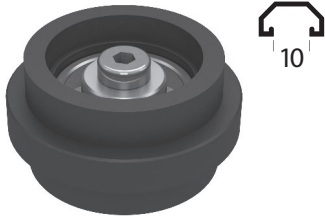
- Used in conjunction with leveling casters to create leveling and mobility in one unit



# Casters & Roller Wheels

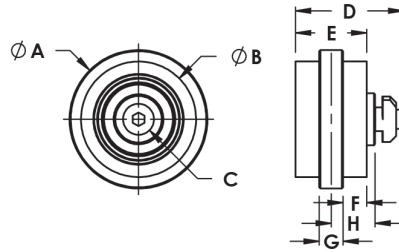
## Roller Wheels

**U** = Universal   **F** = Fractional   **M** = Metric



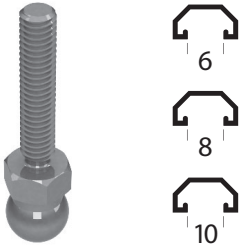
- Rolls smoothly in a t-slot
- Used to move panels, frames and components
- Black Fiberglass Wheels

Part #	Series	A	B	C	D	E	F	G	H
<b>H120226</b>	45	58mm	48.4mm	M8 x 45mm	45.5mm	30mm	9.5mm	10mm	18.5mm



## Threaded Stem For Swivel Feet

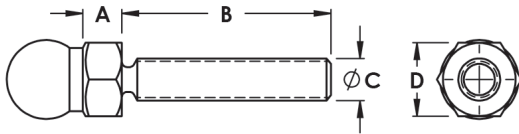
**U** = Universal    **F** = Fractional    **M** = Metric



- Screws into t-slot end
- Used with swivel bases
- Heavy or medium duty applications

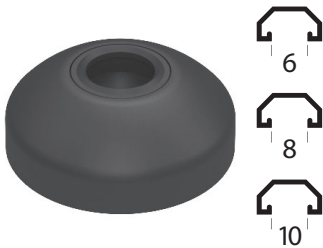
Part #	Description	A	B	C	D	Max Load
<b>H123909</b>	Zinc-Plated Steel	7.5mm	40mm	M8 x 1.25	14mm	318.00 kg (700 lb)
<b>H123929</b>	Zinc-Plated Steel	7.5mm	80mm	M8 x 1.25	14mm	318.00 kg (700 lb)
<b>H123949</b>	Zinc-Plated Steel	7.5mm	45mm	M10 x 1.5	14mm	454.00 kg (1000 lb)
<b>H123969</b>	Zinc-Plated Steel	7.5mm	90mm	M10 x 1.5	14mm	454.00 kg (1000 lb)
<b>H124009</b>	Zinc-Plated Steel	7.5mm	45mm	M12 x 1.75	14mm	726.00 kg (1600 lb)
<b>H124029</b>	Zinc-Plated Steel	7.5mm	100mm	M12 x 1.75	14mm	726.00 kg (1600 lb)
<b>H124069</b>	Zinc-Plated Steel	7.5mm	66mm	M16 x 2.25	17mm	1406.00 kg (3100 lb)
<b>H124089</b>	Zinc-Plated Steel	7.5mm	125mm	M16 x 2.00	17mm	1406.00 kg (3100 lb)
<b>H121959</b>	Stainless Steel	7.5mm	40mm	M8 x 1.25	14mm	318.00 kg (700 lb)
<b>H121969</b>	Stainless Steel	7.5mm	80mm	M8 x 1.25	14mm	318.00 kg (700 lb)
<b>H121979</b>	Stainless Steel	7.5mm	45mm	M10 x 1.5	14mm	454.00 kg (1000 lb)
<b>H121989</b>	Stainless Steel	7.5mm	90mm	M10 x 1.5	14mm	454.00 kg (1000 lb)
<b>H122009</b>	Stainless Steel	7.5mm	45mm	M12 x 1.75	14mm	726.00 kg (1600 lb)
<b>H122019</b>	Stainless Steel	7.5mm	100mm	M12 x 1.75	14mm	726.00 kg (1600 lb)
<b>H122039</b>	Stainless Steel	7.5mm	66mm	M16 x 2.25	14mm	1406.00 kg (3100 lb)
<b>H122049</b>	Stainless Steel	7.5mm	125mm	M16 x 2.25	14mm	1406.00 kg (3100 lb)

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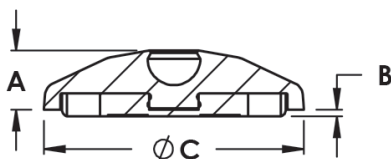
## Nylon Base For Swivel Feet

**U** = Universal    **F** = Fractional    **M** = Metric



- Base used with threaded stem
- Heavy or medium duty applications

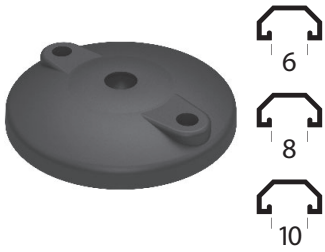
Part #	Description	A	B	C	Max Load
<b>H110019</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	29mm	500 lbs
<b>H110029</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	39mm	900 lbs
<b>H110039</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	44mm	900 lbs
<b>H110049</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	49mm	900 lbs
<b>H110059</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	59mm	900 lbs
<b>H110069</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	79mm	900 lbs
<b>H110079</b>	Black, Anti-Slip Leveling Swivel Foot	18mm	2mm	99mm	900 lbs



# Swivel Feet & Bases

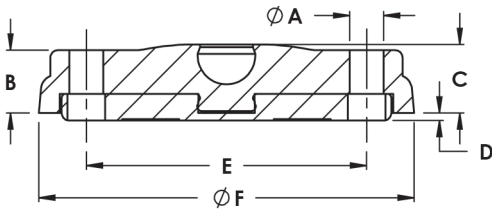
## Nylon Base For Swivel Feet With Bolt-Down Holes

**F** = Fractional    **M** = Metric



Part #	Description	A	B	C	D	E	F	Max Load
<b>H110089</b>	Black, Anti-Slip Leveling Swivel Foot	9mm	16.5mm	18mm	2mm	55mm	79mm	900 kg
<b>H110099</b>	Black, Anti-Slip Leveling Swivel Foot	9mm	16.5mm	18mm	2mm	74mm	99mm	900 kg
<b>H110109</b>	Black, Anti-Slip Leveling Swivel Foot	9mm	16.5mm	18mm	2mm	94mm	119mm	900 kg

- Used with threaded stem
- Holes for securement
- Heavy or medium duty applications



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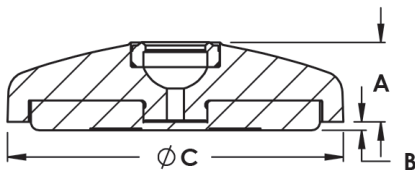
## Die-Cast Zinc Base For Swivel Feet

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Description	A	B	C	Max Load
<b>H110119</b>	Anti-Slip Leveling Die-Cast Swivel Foot	18mm	2mm	39mm	3000 kg
<b>H110129</b>	Anti-Slip Leveling Die-Cast Swivel Foot	18mm	2mm	49mm	3000 kg
<b>H110139</b>	Anti-Slip Leveling Die-Cast Swivel Foot	18mm	2mm	79mm	3000 kg
<b>H110149</b>	Anti-Slip Leveling Die-Cast Swivel Foot	18mm	2mm	119mm	3500 kg

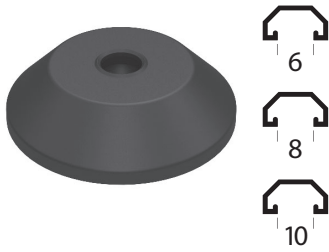
- Zinc base used with threaded stem
- Heavy or medium duty applications





## Trapezoid Base For Swivel Feet

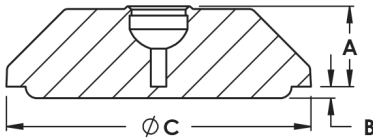
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Description	A	B	C	Max Load
<b>H121949</b>	Anti-Slip Leveling Trapezoid Swivel Foot	20mm	20mm	76mm	3000 kg

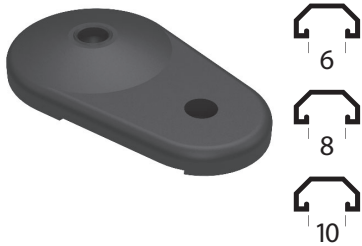
- Base used with threaded stem
- Resistant to vibration
- Heavy duty applications

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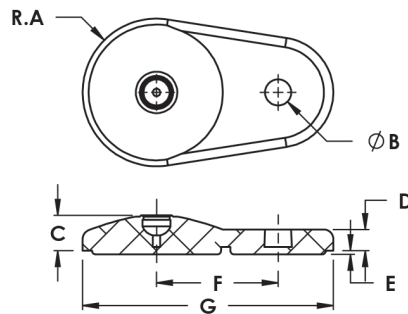
## Extended Base For Swivel Feet

**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Description	A	B	C	D	E	F	G	Max Load
<b>H121929</b>	Extended Base Swivel Foot	79mm	14mm	18mm	11mm	2mm	65mm	134mm	3000 kg

- Used with threaded stem
- Hole for securement
- Heavy or medium duty applications



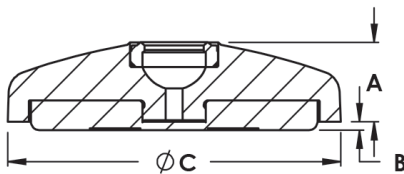
## Stainless Steel Base For Swivel Feet

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Description	A	B	C	Max Load
<b>H121709</b>	Stainless Steel Swivel Foot	18mm	2mm	29mm	2000 kg
<b>H121729</b>	Stainless Steel Swivel Foot	18mm	2mm	39mm	3000 kg
<b>H121749</b>	Stainless Steel Swivel Foot	18mm	2mm	44mm	3000 kg
<b>H121769</b>	Stainless Steel Swivel Foot	18mm	2mm	49mm	3500 kg
<b>H121789</b>	Stainless Steel Swivel Foot	18mm	2mm	59mm	3500 kg
<b>H121829</b>	Stainless Steel Swivel Foot	18mm	2mm	79mm	3500 kg
<b>H121869</b>	Stainless Steel Swivel Foot	18mm	2mm	99mm	4000 kg

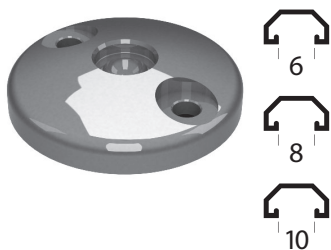
- Stainless steel base used with threaded stem
- Heavy or medium duty applications



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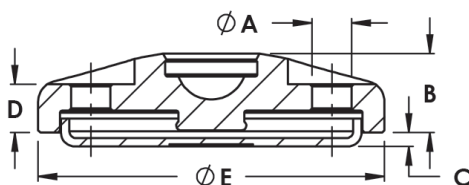
## Stainless Steel Base For Swivel Feet w/ Floor Mount Holes

**F** = Fractional    **M** = Metric



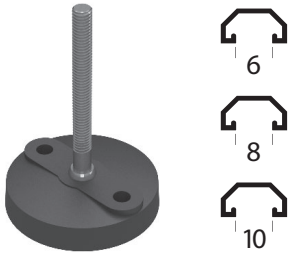
Part #	Description	A	B	C	D	E	Max Load
<b>H121819</b>	Stainless Steel Swivel Foot w/ Mount Holes	9mm	18mm	2mm	11mm	79mm	3000 kg
<b>H121859</b>	Stainless Steel Swivel Foot w/ Mount Holes	9mm	18mm	2mm	11mm	99mm	4000 kg

- Stainless steel base used with threaded stem
- Holes for securement
- Heavy or medium duty applications



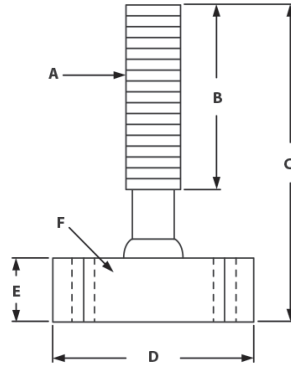
## Large Base Glides

**U** = Universal   **F** = Fractional   **M** = Metric



- Ideal for leveling heavy duty applications up to 5000 lbs
- Mounts with a base plate
- Holes for securement

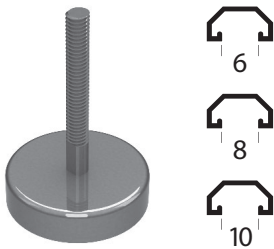
Part #	Capacity	A	B	C	D	E	F
<b>H21839</b>	4000 lbs	3/8-16	3.00	4.430	1.970	.700	.256
<b>H21849</b>	4000 lbs	1/2-13	3.00	4.430	1.970	.700	.256
<b>H21819</b>	5000 lbs	3/8-16	3.00	4.430	3.150	.700	.354
<b>H21829</b>	5000 lbs	1/2-13	3.00	4.430	3.150	.700	.354



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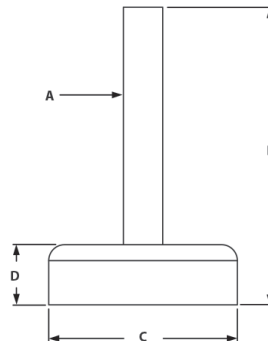
## Leveling Feet

**U** = Universal   **F** = Fractional   **M** = Metric



- Ideal for leveling light to medium duty applications ranging from 460 lbs to 1035 lbs
- Mounts to t-slot end or with a base plate

Part #	Capacity	Width	A	B	C	D
<b>H21869</b>	460 lbs	1.57	1/4-20	1.870	1.570	.708
<b>H21879</b>	770 lbs	2.32	5/16-18	3.210	2.320	.708
<b>H21889</b>	1035 lbs	3.11	3/8-16	2.390	3.110	.708
<b>H21889</b>	1035 lbs	3.89	1/2-13	3.210	3.890	.708



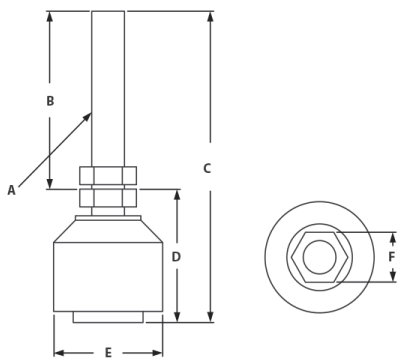
## Economy Anti-Vibration Mount

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Capacity	A	B	C	D	E	F
<b>H22079</b>	100 lbs	3/8-16	2.00	3.50	1.50	1.25	.562
<b>H22089</b>	240 lbs	1/2-13	2.00	3.750	1.75	1.875	.625
<b>H22099</b>	650 lbs	3/4-10	2.00	4.125	2.125	3.00	1.062

- Ideal for leveling light to medium duty applications ranging from 460 lbs to 1035 lbs
- Mounts to t-slot end or with a base plate



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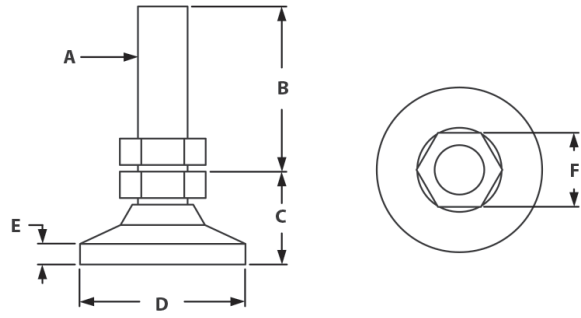
## Deluxe Leveling Feet

**U** = Universal    **F** = Fractional    **M** = Metric



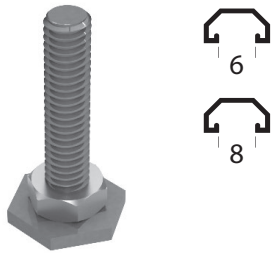
Part #	Capacity	Width	A	B	C	D	E	F
<b>H21929</b>	1000 lbs	1.00	1/4-20	1.00	.970	1.00	.156	.500
<b>H21949</b>	2300 lbs	1.25	5/16-18	1.780	1.125	1.250	.250	.630
<b>H21909</b>	3750 lbs	1.25	3/8-16	1.710	1.200	1.250	.188	.625
<b>H22009</b>	5000 lbs	1.875	1/2-13	1.610	1.500	1.875	.250	.750
<b>H22029</b>	7400 lbs	3.00	3/4-10	1.560	1.895	3.000	.500	1.062
<b>H21929M</b>	317 kg	19mm	M6 x 1.0	25mm	14mm	19mm	2.5mm	10mm
<b>H22129M</b>	453 kg	26mm	M8 x 1.25	32mm	18mm	26mm	3.5mm	13mm
<b>H21909M</b>	1701 kg	32mm	M10 x 1.5	51mm	22mm	32mm	4mm	16mm
<b>H22009M</b>	2268 kg	48mm	M12 x 1.75	51mm	29mm	48mm	5.5mm	19mm
<b>H22139M</b>	2721 kg	64mm	M16 x 2.0	51mm	32mm	64mm	8mm	22mm

- Ideal for leveling heavy duty applications ranging from 1000 lbs to 7500 lbs
- Mounts with a base plate
- Pivots 20 degrees to accommodate uneven floors



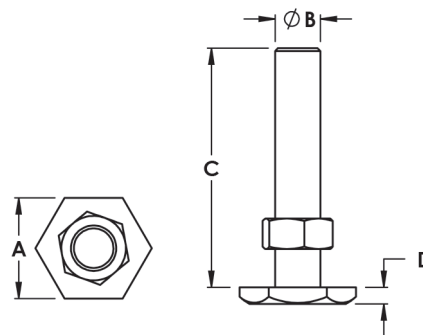
## Economy Leveling Feet

**U** = Universal    **F** = Fractional    **M** = Metric



- Economy option for leveling heavy duty applications ranging from 460 lbs to 1035 lbs
- Mounts to the profile end or with a base plate
- Pivots 20 degrees to accommodate uneven floors

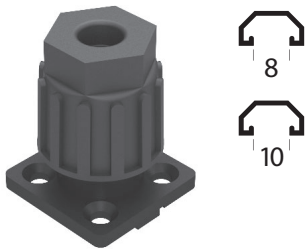
Part #	Series	A	B	C	D	Capacity
<b>H21939</b>	10/15	.563	1/4-20	1.25	.094	460 lbs
<b>H21959</b>	10/15	.750	5/16-18	1.50	.109	770 lbs
<b>H21919</b>	10/15	.875	3/8-16	2.00	.141	1035 lbs
<b>H22019</b>	10/15	1.063	1/2-13	2.50	.172	1035 lbs
<b>H21939M</b>	40	14mm	M6 x 1.00	30mm	2.4mm	475 kg
<b>H21959M</b>	40	18mm	M8 x 1.25	40mm	3.1mm	790 kg
<b>H21919M</b>	40	22mm	M10 x 1.50	60mm	3.7mm	1150 kg
<b>H22019M</b>	40	25mm	M12 x 1.75	63mm	4.4mm	2130 kg



6

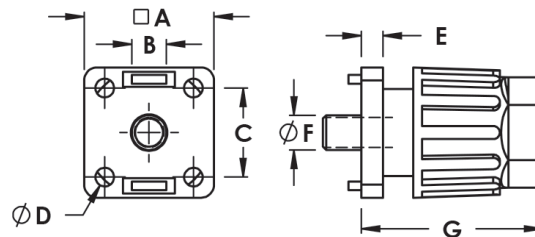
## Adjustable Leveling Foot

**U** = Universal    **F** = Fractional    **M** = Metric



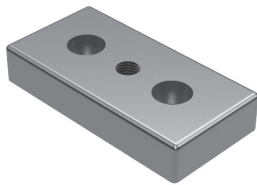
- Ideal for leveling light duty applications up to 150 kg (330 lbs)
- Holes for securement
- Use for 30 and 45 series

Part #	Series	A	B	C	D	E	F	G	Capacity
<b>H110155</b>	30	30mm	8mm	20.5mm	4.3mm	5mm	M8	35-50mm	150 kg
<b>H110166</b>	45	45mm	10mm	28mm	6.5mm	5mm	M8	45-65mm	150 kg

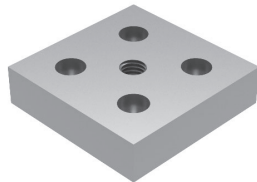


## Base Plates

**U** = Universal    **F** = Fractional    **M** = Metric



Center Hole



Center Hole



6



8



10

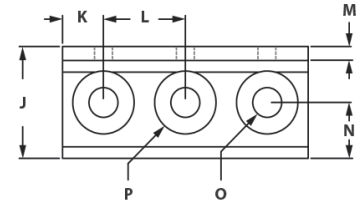
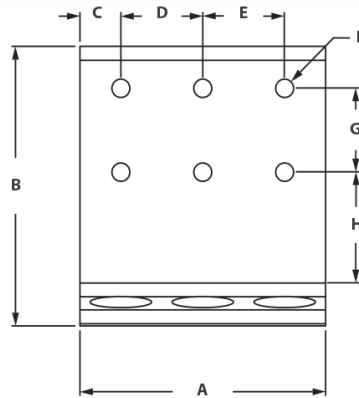
- Mounts leveling feet and casters to extrusion end
- Aluminum to withstand daily use
- Can be mounted to extrusion side (requires a tap)

Part #	Series	Description	T-Slot Bolt Kit	Extrusion End Mount Bolt Kit
H21281	10	1" x 2" Base Plate w/ 1/4-20 Tap In Center	(2) FC34910	(2) F30640
H21241	10	1" x 2" Base Plate w/ 5/16-18 Tap In Center	(2) FC34910	(2) F30640
H21291	10	1" x 2" Base Plate w/ 3/8-16 Tap In Center	(2) FC34910	(2) F30640
H21371	10	1" x 2" Base Plate w/ 7/16-14 Tap In Center	(2) FC34910	(2) F30640
H23611	10	1" x 2" Base Plate w/ 1/2-13 Tap In Center	(2) FC34910	(2) F30640
H21311	10	2" x 2" Base Plate w/ 3/8-16 Tap In Center	(4) FC34910	(4) F30640
H21391	10	2" x 2" Base Plate w/ 7/16-14 Tap In Center	(4) FC34910	(4) F30640
H21321	10	2" x 2" Base Plate w/ 1/2-13 Tap In Center	(4) FC34910	(4) F30640
H23621	10	2" x 2" Base Plate w/ 3/4-10 Tap In Center	(4) FC34910	(4) F30640
H21421	10	2" x 2" Base Plate w/ 3/8-16 Corner Tap	(3) FC34910	N/A
H21431	10	2" x 2" Base Plate w/ 7/16-14 Corner Tap	(3) FC34910	N/A
H23631	10	2" x 2" Base Plate w/ 1/2-13 Corner Tap	(3) FC34910	N/A
H23641	10	2" x 2" Base Plate w/ 3/4-10 Corner Tap	(3) FC34910	N/A
H21302	15	1.5" x 3" Base Plate w/ 3/8-16 Tap In Center	(2) FC34580	(2) F31220
H21382	15	1.5" x 3" Base Plate w/ 7/16-14 Tap In Center	(2) FC34580	(2) F31220
H21352	15	1.5" x 3" Base Plate w/ 1/2-13 Tap In Center	(2) FC34580	(2) F31220
H23652	15	1.5" x 3" Base Plate w/ 3/4-10 Tap In Center	(2) FC34580	(2) F31220
H21452	15	3" x 3" Base Plate w/ 7/16-14 Tap In Center	(4) FC34580	(4) F31220
H21402	15	3" x 3" Base Plate w/ 1/2-13 Tap In Center	(4) FC34580	(4) F31220
H23662	15	3" x 3" Base Plate w/ 3/4-10 Tap In Center	(4) FC34580	(4) F31220
H21462	15	3" x 3" Base Plate w/ 7/16-14 Corner Tap	(3) FC34580	N/A
H21412	15	3" x 3" Base Plate w/ 1/2-13 Corner Tap	(3) FC34580	N/A
H23672	15	3" x 3" Base Plate w/ 3/4-10 Corner Tap	(3) FC34580	N/A
H140205	30	30mm x 60mm Base Plate w/ M8 Tap In Center	(2) F85120M	(2) F85200M
H140225	30	30mm x 60mm Base Plate w/ M10 Tap In Center	(2) F85120M	(2) F85200M
H140245	30	30mm x 60mm Base Plate w/ M12 Tap In Center	(2) F85120M	(2) F85200M
H140215	30	30mm x 60mm Base Plate w/ M8 Tap In Center	(2) F85120M	(2) F85200M
H140235	30	30mm x 60mm Base Plate w/ M10 Tap In Center	(2) F85120M	(2) F85200M
H140255	30	30mm x 60mm Base Plate w/ M12 Tap In Center	(2) F85120M	(2) F85200M
H21303	40	40mm x 80mm Base Plate w/ 10mm Tap In Center	(2) FC38990M	(2) F85250M
H21353	40	40mm x 80mm Base Plate w/ 12mm Tap In Center	(2) FC38990M	(2) F85250M
H21383	40	40mm x 80mm Base Plate w/ 16mm Tap In Center	(2) FC38990M	(2) F85250M
H21403	40	80mm x 80mm Base Plate w/ 12mm Tap In Center	(2) FC38990M	(2) F85250M
H21453	40	80mm x 80mm Base Plate w/ 16mm Tap In Center	(2) FC38990M	(2) F85250M
H140276	45	45mm x 90mm Base Plate w/ M10 Tap In Center	(2) FC85200M	(2) F25250M
H140286	45	45mm x 90mm Base Plate w/ M10 Tap In Center	(2) F25250M	(2) F25250M
H140296	45	45mm x 90mm Base Plate w/ M12 Tap In Center	(2) FC85200M	(2) F25250M
H140306	45	45mm x 90mm Base Plate w/ M12 Tap In Center	(2) F25250M	(2) F25250M
H140436	45	90mm x 90mm Base Plate w/ M10 Tap In Center	(4) FC8520M	(4) F25250M
H140456	45	90mm x 90mm Base Plate w/ M12 Tap In Center	(4) FC8520M	(4) F25250M
H140476	45	90mm x 90mm Base Plate w/ M16 Tap In Center	(4) FC8520M	(4) F25250M



## Economy Floor Mount Base Plates

**U** = Universal    **F** = Fractional    **M** = Metric



- Strong economy base plate
- Bolts directly in the t-slot
- Allows vertical adjustments
- More economical than standard Floor Mount Base Plate

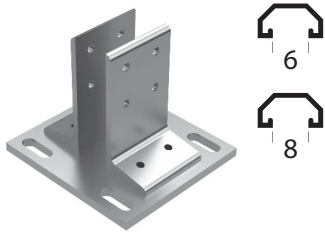
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Part #	Series	Bolt Kit	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
<b>H24141</b>	10	(2) FC33930	1.00	5.00	.500	N/A	N/A	.257	1.50	2.750	2.00	.500	N/A	.250	.688	.390	.875
<b>H24161</b>	10	(4) FC33930	2.00	5.00	.500	1.00	N/A	.257	1.50	2.750	2.00	.500	1.00	.250	.688	.390	.875
<b>H24041</b>	10	(6) FC33930	3.00	5.00	.500	1.00	1.00	.257	1.50	2.750	2.00	.500	1.00	.250	.688	.390	.875
* <b>H24152</b>	15	(2) FC33650	1.50	5.00	.750	N/A	N/A	.328	1.50	2.750	2.00	.750	N/A	.250	.688	.531	1.125
* <b>H24172</b>	15	(4) FC33650	3.00	5.00	.750	1.50	N/A	.328	1.50	2.750	2.00	.750	1.50	.250	.688	.531	1.125
<b>H24052</b>	15	(6) FC33650	4.50	5.00	.750	1.50	1.50	.328	1.50	2.750	2.00	.750	1.50	.250	.688	.531	1.125
<b>H24153</b>	40	(2) FC35260M	40mm	140mm	20mm	N/A	N/A	8.3mm	40mm	80mm	51mm	20mm	N/A	6mm	36mm	13mm	28mm
<b>H24173</b>	40	(4) FC35260M	80mm	140mm	20mm	40	40	8.3mm	40mm	80mm	51mm	20mm	40	6mm	36mm	13mm	28mm

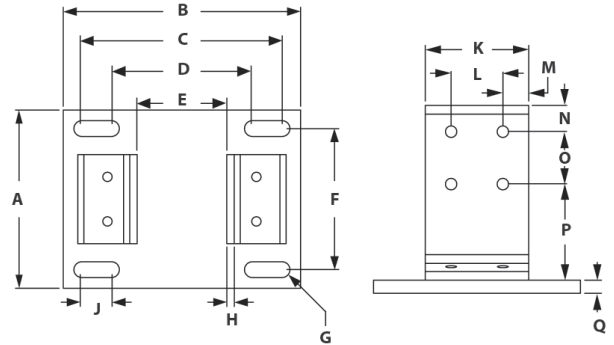
\* Also available in (BA) Black Anodized

## Standard Floor Mount Base Plates

**U** = Universal    **F** = Fractional    **M** = Metric



- Very strong method of mounting your frame to the floor
- Bolts directly in the t-slot
- Allows for vertical adjustments
- Slotted base plate holes allow for lateral adjustments

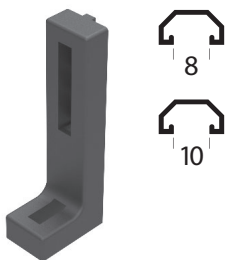


Part #	Series	Bolt Kit	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
<b>H23801</b>	10	(4) FC33930	4.00	5.50	4.25	2.25	1.00	2.75	.203	.250	1.00	1.00	N/A	.500	.750	1.50	2.75	.250
<b>H23851</b>	10	(8) FC33930	5.50	5.50	4.25	2.25	1.00	4.25	.203	.250	1.00	2.00	1.00	.500	.750	1.50	2.75	.250
<b>H23871</b>	10	(8) FC33930	5.50	6.50	5.25	3.25	2.00	4.25	.203	.250	1.00	2.00	1.00	.500	.750	1.50	2.75	.250
<b>H23902</b>	15	(4) FC33650	5.00	6.00	4.75	2.75	1.50	3.75	2.65	.250	1.00	1.50	N/A	.750	.750	1.50	2.75	.375
<b>H24002</b>	15	(8) FC33650	6.00	6.50	5.25	3.25	1.50	4.75	2.65	.250	1.00	3.00	1.50	.750	.750	1.50	2.75	.375
<b>H24102</b>	15	(8) FC33650	6.00	8.00	6.75	4.75	3.00	4.75	2.65	.250	1.00	3.00	1.50	.750	.750	1.50	2.75	.375

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## Floor Bracket

**U** = Universal    **F** = Fractional    **M** = Metric

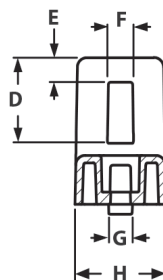
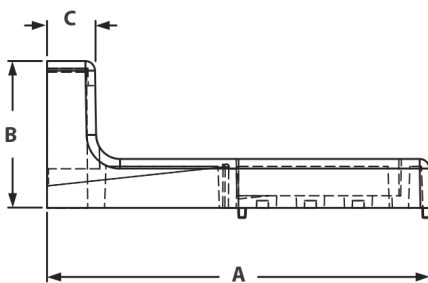


- Secures your frame to the floor
- Bolts directly in the t-slot
- Allows for vertical adjustments
- Slotted base plate holes allow for lateral adjustments

Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H140079</b>	15/40	Die-Cast, Powder Coated Floor Bracket	6.30	2.362	.787	1.378	.394	.394	.315	1.496
<b>H140025</b>	30	Die-Cast, Powder Coated Floor Bracket	120mm	45mm	15mm	29mm	10mm	10mm	11.5mm	30mm
<b>H140046</b>	45	Die-Cast, Powder Coated Floor Bracket	120mm	45mm	15mm	29mm	10mm	10mm	14.9mm	30mm
<b>H140086</b>	45	Die-Cast, Powder Coated Floor Bracket	160mm	60mm	20mm	25mm	10mm	10mm	14.9mm	38mm

### RECOMMENDED ASSEMBLY

Part #	Qty	Description	Use For
<b>FC34540</b>	2	5/16-18 x 5/8" SHCS & Economy T-Nut	<b>H140079</b>
<b>FC35900M</b>	2	M6 x 10mm SHCS & Drop-In T-Nut	<b>H140025</b>
<b>FC35940M</b>	2	M6 x 14mm SHCS & Drop-In T-Nut	<b>H140046</b>
<b>FC36230M</b>	2	M8 x 16mm SHCS & Drop-In T-Nut	<b>H140086</b>



## Adjustable Floor Bracket

**U** = Universal   **F** = Fractional   **M** = Metric



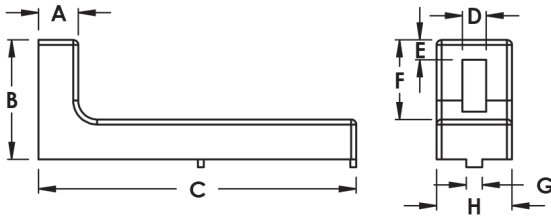
Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H140039</b>	30	Die-Cast, Powder Coated Floor Bracket	15mm	45mm	120mm	10mm	10mm	29mm	30mm	11.5mm
<b>H140059</b>	45	Die-Cast, Powder Coated Floor Bracket	20mm	60mm	160mm	10mm	10mm	25mm	38mm	11.5mm
<b>H140096</b>	45	Die-Cast, Powder Coated Floor Bracket	20mm	60mm	160mm	10mm	10mm	25mm	38mm	14.9mm

### RECOMMENDED MOUNT TO T-SLOT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35900M</b>	2	M6 x 10mm SHCS & Drop-In T-Nut	<b>H140039</b>
<b>FC35940M</b>	2	M6 x 14mm SHCS & Drop-In T-Nut	<b>H140059</b>
<b>FC36230M</b>	2	M8 x 16mm SHCS & Drop-In T-Nut	<b>H140096</b>

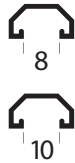
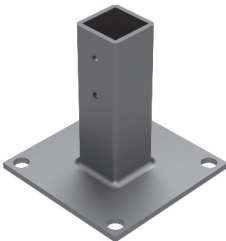
- Secures your frame to the floor
- Bolts directly in the t-slot
- Allows for vertical adjustments
- Slotted base plate holes allow for lateral adjustments

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## Steel Floormount Baseplate

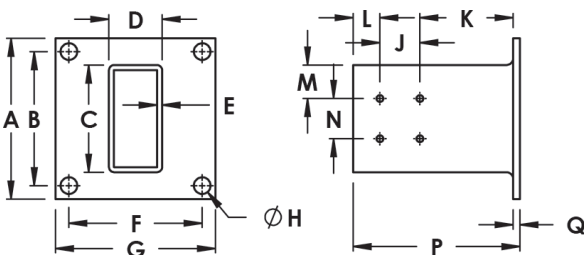
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J
<b>H23902S</b>	15, 40	Black Steel Baseplate	6.00	5.00	2.00	2.00	.188	5.00	6.00	.625	1.50
<b>H24002S</b>	15, 40	Black Steel Baseplate	6.00	5.00	4.00	2.00	.188	5.00	6.00	.625	1.50
<b>H23906S</b>	45	Black Steel Baseplate	6.00	5.00	2.00	2.00	.080	5.00	6.00	.625	1.50
<b>H24006S</b>	45	Black Steel Baseplate	6.00	5.00	2.00	2.00	.080	5.00	6.00	.625	1.50

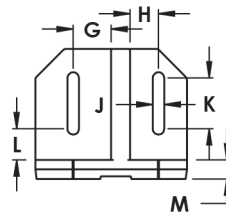
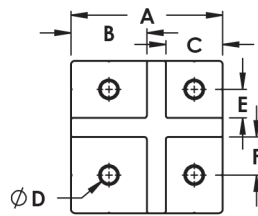
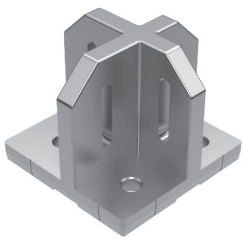
- Secures your frame to the floor
- Allows for vertical adjustments
- Base plate holes allow for securement
- Painted black

K	L	M	N	P	Q
3.50	1.00	1.00	N/A	6.25	.250
3.50	1.00	1.25	1.50	6.25	.250
3.50	1.00	1.00	N/A	6.25	.250
3.50	1.00	1.12	1.77	6.25	.250



## Foot Console

**U** = Universal    **F** = Fractional    **M** = Metric



### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>F85250M</b>	2	M8 x 25mm SHCS	<b>H29856</b>
<b>F85250M</b>	2 (4)	M8 x 25mm SHCS	<b>H29866</b>

- Secures your frame to the floor
- Multiple use for 45 and 60 series

Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M
<b>H29856PP</b>	45/60	Profile to Floor Mount	120mm	60mm	45mm	13mm	22.5mm	30mm	30mm	22.5mm	9mm	40mm	24.5mm	15mm
<b>H29866PP</b>	45/90	Profile to Floor Mount	150mm	90mm	45.5mm	13mm	22.5mm	67.5mm	20.5mm	20.5mm	9mm	40mm	39.5mm	15mm

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## Aluminum Floor Bracket

**U** = Universal    **F** = Fractional    **M** = Metric

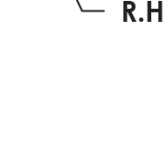
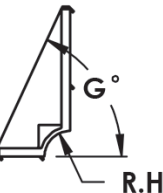
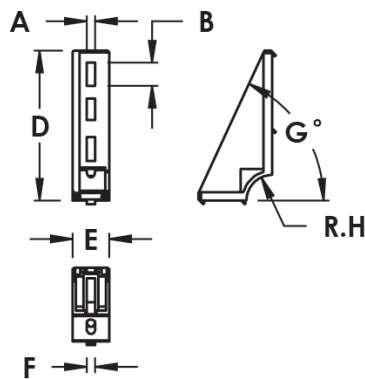


Part #	Series	Description	A	B	D	E	F	G	H
<b>H120286</b>	45	Aluminum Floor Bracket (Left)	10mm	25mm	175mm	43mm	10mm	65°	30mm
<b>H120296</b>	45	Aluminum Floor Bracket (Right)	10mm	25mm	175mm	43mm	10mm	65°	30mm

### RECOMMENDED T-SLOT FASTENERS

Part #	Qty	Description	Use For
<b>FC36300M</b>	2	M8 x 20mm SHCS & Drop In T-Nut	<b>H120286</b>

- Secures your frame to the floor
- Bolts directly to the t-slot
- Slots allow for easy positioning



## Steel Floor Bracket

**U** = Universal   **F** = Fractional   **M** = Metric



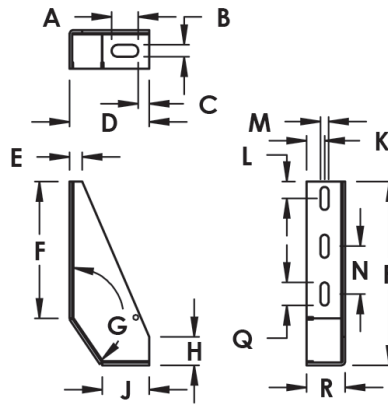
Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H140106</b>	15, 40, 45	Zinc Plated Steel	29mm	13mm	12mm	87mm	14mm	150mm	145°	31mm

J	K	L	M	N	P	Q	R
53mm	19.5mm	18.5mm	9mm	52mm	200mm	25mm	39mm

### RECOMMENDED MOUNT TO T-SLOT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC36230M</b>	2	M8 x 16mm SHCS & Drop-In T-Nut	<b>H140106</b>

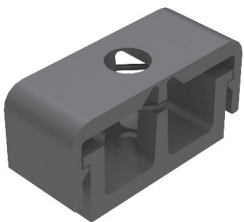
- Secures your frame to the floor
- Bolts directly to the t-slot
- Slots allow for easy positioning
- Zinc plated steel



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## Clip Cable Binder

**U** = Universal   **F** = Fractional   **M** = Metric

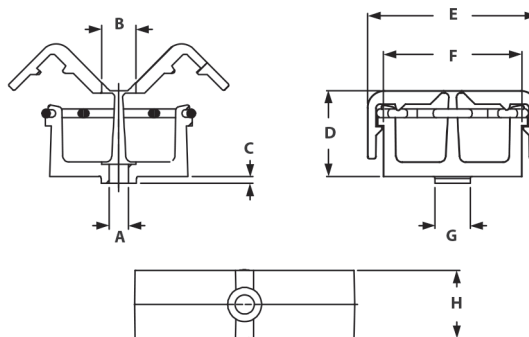


Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H120262</b>	15	Nylon Cable Clip Binder	.177	.315	.181	.787	1.575	1.283	.315	.630

### RECOMMENDED FASTENERS

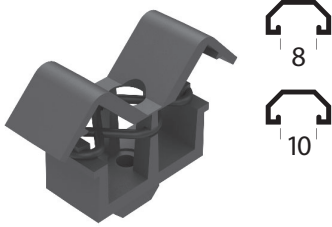
Part #	Qty	Description	Use For
<b>FC35600M</b>	1	M4 x 12mm SHCS & Drop-In T-Nut	<b>H120262</b>

- Organize wires and cables without the need for additional ties
- Mounts to the t-slot profile
- Snap cover for additional protection



## Cable & Tube Clip

**U** = Universal   **F** = Fractional   **M** = Metric

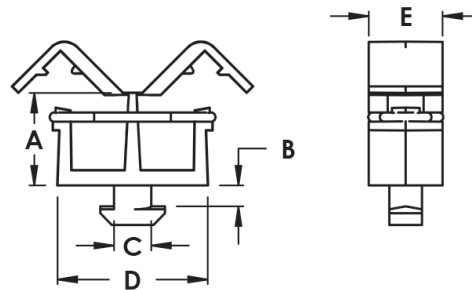


Part #	Series	Description	A	B	C	D	E
<b>H120262</b>	15/40	Cable & Tube Clip	20mm	2mm	4.3mm	32.6mm	16mm
<b>H120255</b>	30	Cable & Tube Clip	20mm	2mm	4.3mm	32.6mm	16mm
<b>H120279</b>	45	Cable & Tube Clip	20mm	2mm	4.3mm	32.6mm	16mm

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC35600M</b>	1	M4 x 12mm SHCS & Drop-In T-Nut	<b>H120269</b>
<b>FC35610M</b>	1	M4 x 12mm SHCS & Drop-In T-Nut	<b>H120255</b>
<b>FC35630M</b>	1	M4 x 12mm SHCS & Drop-In T-Nut	<b>H120279</b>

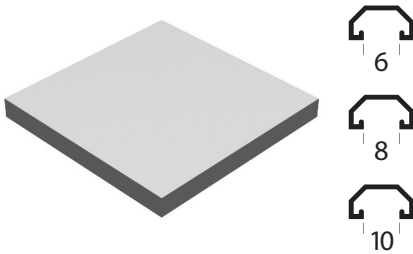
- Organize wires and cables without the need for additional ties
- Mounts to the t-slot profile
- Snap cover for additional protection



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## Laminated Table Tops

**U** = Universal   **F** = Fractional   **M** = Metric



- Commonly used for desks, tables and workstations

Part #	Series	Description
<b>H28009</b>	10, 15, 30, 40, 45	30" x 40" x 1.25" Laminated Table Top - Gray
<b>H28019</b>	10, 15, 30, 40, 45	30" x 40" x 1.25" Laminated Table Top - Almond
<b>H28029</b>	10, 15, 30, 40, 45	30" x 60" x 1.25" Laminated Table Top - Gray
<b>H28039</b>	10, 15, 30, 40, 45	30" x 60" x 1.25" Laminated Table Top - Almond
<b>H28049</b>	10, 15, 30, 40, 45	30" x 72" x 1.25" Laminated Table Top - Gray
<b>H28059</b>	10, 15, 30, 40, 45	30" x 72" x 1.25" Laminated Table Top - Almond
<b>H28069</b>	10, 15, 30, 40, 45	36" x 72" x 1.25" Laminated Table Top - Gray
<b>H28079</b>	10, 15, 30, 40, 45	36" x 72" x 1.25" Laminated Table Top - Almond

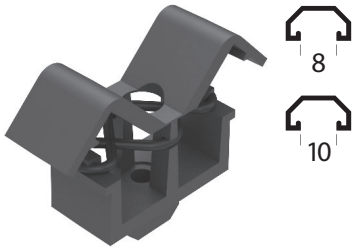
### RECOMMENDED 15S EXTRUSION FASTENERS

Part #	Qty	Description	Use For
<b>FC28102</b>	1	Table Mount Assembly	<b>15S</b>



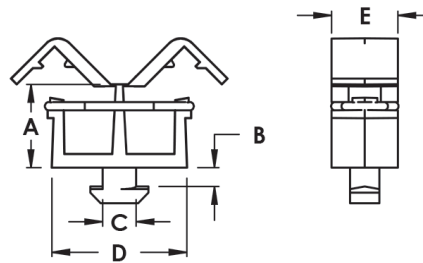
## Cable & Tube Clip, 1/4 Turn

**U** = Universal    **F** = Fractional    **M** = Metric



- Organize wires and cables without the need for additional ties
- Snap cover for additional protection
- Drops into a t-slot channel and twists into place

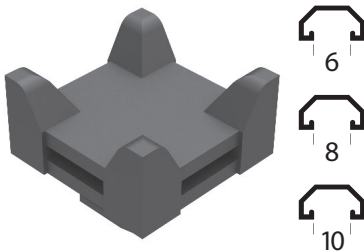
Part #	Series	Description	A	B	C	D	E
<b>H123199</b>	15/40	Cable & Tube Clip, 1/4 Turn	20.2mm	4.5mm	8mm	32.33mm	16mm
<b>H123219</b>	30	Cable & Tube Clip, 1/4 Turn	20.2mm	2mm	8mm	32.33mm	16mm
<b>H123206</b>	45	Cable & Tube Clip, 1/4 Turn	20.2mm	8mm	10mm	32.33mm	16mm



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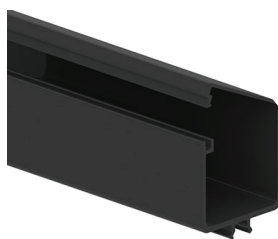
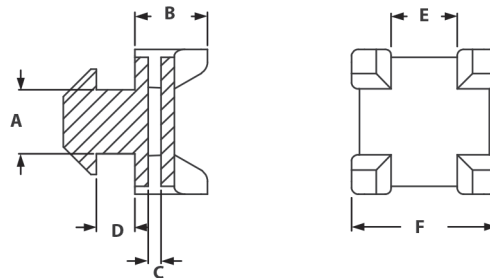
## Cable Mount Block, 1/4 Turn

**U** = Universal    **F** = Fractional    **M** = Metric



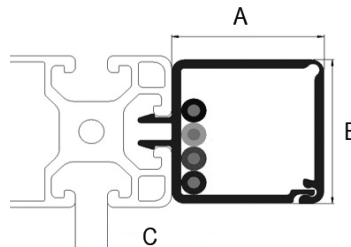
- Organize wires and cables with cable ties
- Drops into a t-slot channel and twists into place

Part #	Series	Description	A	B	C	D	E	F
<b>H123141</b>	10	Black Nylon Cable Mount Block	12mm	11mm	2mm	1.9mm	10mm	22mm
<b>H123169</b>	15/40	Black Nylon Cable Mount Block	16mm	11mm	2mm	4.29mm	10mm	22mm
<b>H123175</b>	30	Black Fiberglass Reinforced Nylon	14mm	11mm	2mm	2.54mm	10mm	22mm
<b>H123156</b>	45	Black Fiberglass Reinforced Nylon	18mm	11mm	2mm	5.8mm	10mm	22mm



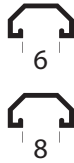
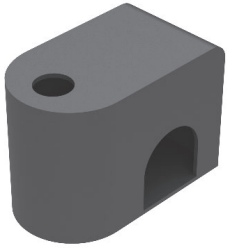
- Secure Storage Compartment for Wires, Cables, and Air Lines
- Dual Construction – Rigid-PVC with Flexible-PVC Hinge

Part #	Series	Description	A	B	C
<b>H28989</b>	15/40	Snap In Black Conduit 78.75"	38mm	38mm	Slot 8
<b>H28982</b>	15/40	Snap In Light Grey Conduit 78.75"	38mm	38mm	Slot 8
<b>H28986</b>	45	Snap In Light Grey Conduit 2M	38mm	38mm	Slot 10
<b>H28996</b>	45	Snap In Black Conduit 2M	38mm	38mm	Slot 10



## Tube and Wire Clamp

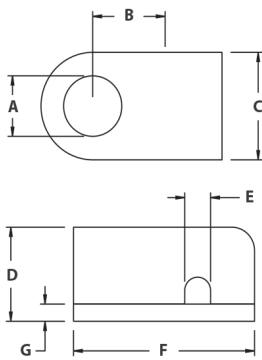
**U** = Universal    **F** = Fractional    **M** = Metric



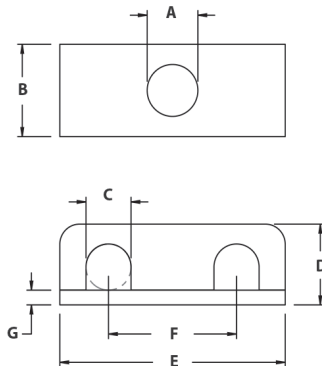
- Organizes tubes and wires throughout your design
- Attaches easily to T-Slot
- Mounts 1/8" through 1" O.D. tubing and wires
- Oil, chemical, and acid resistant

Part #	Description	A	B	C	D	E	F	G
<b>H25009</b>	1/8" Single Tube Clamp	.281	.375	.500	.438	.125	.875	.063
<b>H25019</b>	1/4" Single Tube Clamp	.281	.375	.500	.438	.250	.875	.063
<b>H25029</b>	3/8" Single Tube Clamp	.281	.438	.625	.563	.375	1.063	.063
<b>H25039</b>	1/2" Single Tube Clamp	.281	.563	.813	.875	.500	1.375	.063
<b>H25049</b>	3/4" Single Tube Clamp	.281	.750	.813	1.188	.750	1.688	.063
<b>H25059</b>	1" Single Tube Clamp	.281	.750	.813	1.188	1.00	1.688	.063
<b>H25069</b>	1/8" Double Tube Clamp	.281	.500	.125	.438	1.25	.688	.063
<b>H25079</b>	1/4" Double Tube Clamp	.281	.500	.250	.438	1.25	.688	.063
<b>H25089</b>	3/8" Double Tube Clamp	.281	.625	.375	.563	1.563	.875	.063
<b>H25099</b>	1/2" Double Tube Clamp	.281	.813	.500	.875	2.125	1.188	.063
<b>H25109</b>	3/4" Double Tube Clamp	.281	.813	.750	1.188	2.813	1.50	.063
<b>H25119</b>	1" Double Tube Clamp	.281	.813	1.00	1.188	2.813	1.50	.063

SINGLE



DOUBLE



### RECOMMENDED FASTENERS

Single Clamp	H25009	H25019	H25029	H25039	H25049	H25059
<b>Double Clamp</b>	H25069	H25079	H25089	H25099	H25109	H25119
<b>10 Series</b>	FC33040	FC33040	FC33050	FC33070	FC33080	FC33080
<b>15 Series</b>	FC33040	FC33050	FC33060	FC33070	FC33080	FC33080

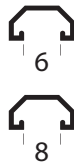
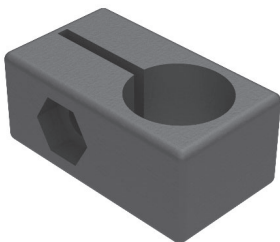
### FASTENER SIZE

10 Series	15 Series	Description
1/4-20 x 3/4"	1/4-20 x 3/4"	1/8" Tube and Wire Clamp
1/4-20 x 3/4"	1/4-20 x 7/8"	1/4" Tube and Wire Clamp
1/4-20 x 7/8"	1/4-20 x 1"	3/8" Tube and Wire Clamp
1/4-20 x 1 1/4"	1/4-20 x 1 1/4"	1/2" Tube and Wire Clamp
1/4-20 x 1 1/2"	1/4-20 x 1 1/2"	3/4" Tube and Wire Clamp
1/4-20 x 1 1/2"	1/4-20 x 1 1/2"	1" Tube and Wire Clamp

6

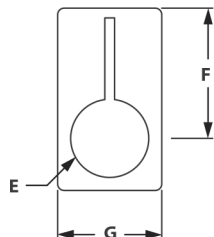
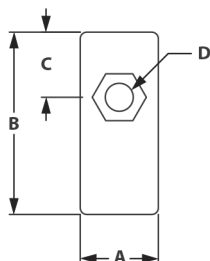
## Sensor Mounting Block

**U** = Universal    **F** = Fractional    **M** = Metric



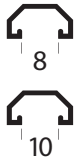
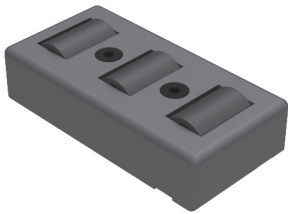
- Attach sensors to Parco profiles
- Fully adjustable
- Black, fiberglass reinforced nylon

Part #	Description	A	B	C	D	E	F	G
<b>H65579</b>	10mm Sensor Mounting Block	.472	1.102	.394	.169	.256	.787	.630



## Roller Element, Screw-On

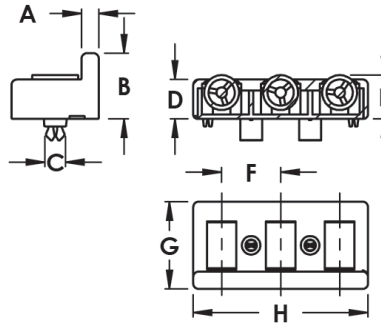
**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Description	A	B	C	D	E	F	G	H
<b>H114029</b>	Black Nylon Screw-On w/o Lateral Guide	7.5mm	30mm	8/10	18mm	20mm	27mm	40mm	80mm
<b>H114039</b>	Black Nylon Screw-On w/ Lateral Guide	7.5mm	30mm	8/10	18mm	20mm	27mm	40mm	80mm

New \*

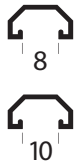
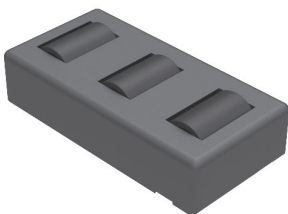
- For manufacturing roller conveyors in any width and length
- Screwed into place
- Slot 8 and 10



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## Roller Element, Clip-Fix

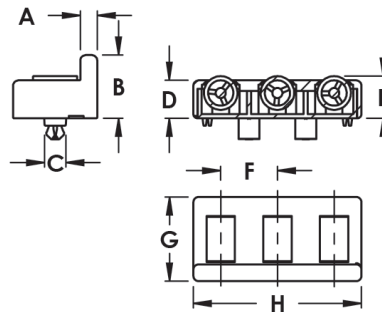
**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Description	A	B	C	D	E	F	G	H
<b>H114009</b>	Black Nylon Clip-Fix w/o Lateral Guide	N/A	N/A	8/10	18mm	20mm	27mm	40mm	80mm
<b>H114019</b>	Black Nylon Clip-Fix w/ Lateral Guide	7.5mm	30mm	8/10	18mm	20mm	27mm	40mm	80mm

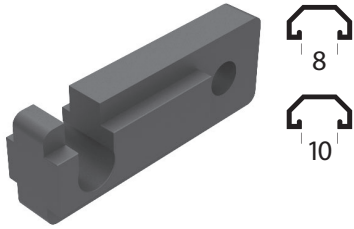
New \*

- Snaps into t-slot for manufacturing roller conveyors in any width and length
- No need for tools
- Slot 8 and 10



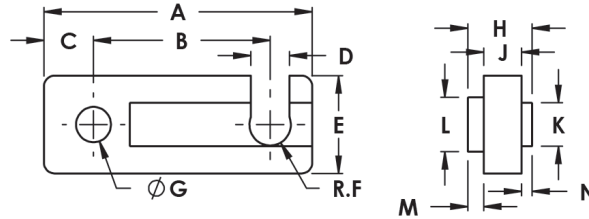
## Gravity Roller Mounting Block

**U** = Universal   **F** = Fractional   **M** = Metric



Part #	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>H121679</b>	1.969	1.299	.354	.291	.709	.314	.236	.472	.276	.315	.394	.118	.079

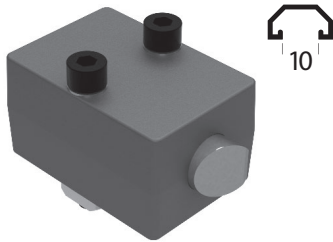
- Used with gravity rollers
- Black, fiberglass reinforced nylon
- Typically used for material handling applications



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## Backlock Catch

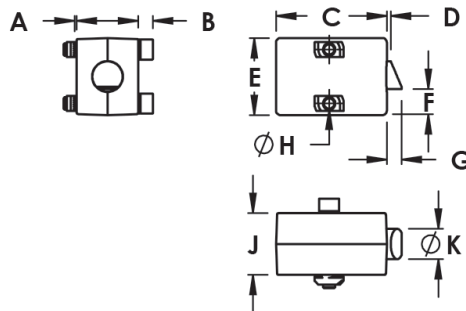
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K
<b>H116039</b>	45	1mm	9.4mm	72mm	2.5mm	50mm	17mm	9.5mm	10mm	40mm	20mm

New ★

- Prevents backward movement of the tool carrier in conjunction with gravity rollers
- Die-cast zinc



## Telescoping Leg Assembly (TLA)

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Description	A	B	C	D	E	F	G	H
<b>2M-B1C-12-T</b>	2-Cylinder Manual System	7.677	5.118	4.346	1.673	24-36	1.348	7.357	6.457
<b>2E-B1C-12-T</b>	2-Cylinder Electric System	7.677	5.118	4.346	1.673	24-36	1.348	7.357	6.457



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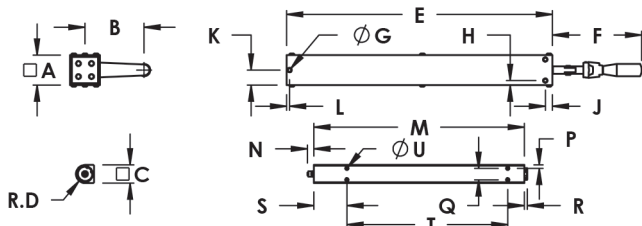
## Dyna-Lift Base Model

**U** = Universal    **F** = Fractional    **M** = Metric



- Complete and Ready to Install
- 250 lb capacity per leg on 4 post system
- 1,000 lb max on 6 post system
- Stainless Steel Leg Systems
- Standard Unit Offers 0-16 in. height adjustment range
- Uses colorless, odorless, non-staining, non-toxic fluid
- Smooth, quiet operation
- All lift systems come with standard with tube length of a 4-post lift (96 - 96 - 60 - 60"). Custom lengths ordered cannot exceed 144" per cylinder.
- Sizes are available in the Dyna-Lift like with: 1 cylinder to lift 250 lbs., 2 cylinders to lift 500 lbs., 3 cylinders to lift 750 lbs., and 4 cylinders to lift 1000 lbs.
- Stroke lengths of 6", 8", 10", 12", 14", and 16" with other lengths available as well.

Part #	Description	Operation	Stroke
<b>1M-D1A-06-S</b>	1-post manual system	Manual	6"
<b>1M-D1A-12-S</b>	1-post manual system	Manual	12"
<b>2M-D1A-06-S</b>	2-post manual system	Manual	6"
<b>2M-D1A-12-S</b>	2-post manual system	Manual	12"
<b>4M-D1A-06-S</b>	4-post manual system	Manual	6"
<b>4M-D1A-12-S</b>	4-post manual system	Manual	12"
<b>1E-D1A-06-S</b>	1-post electric system	Electric	6"
<b>1E-D1A-12-S</b>	1-post electric system	Electric	12"
<b>2E-D1A-06-S</b>	2-post electric system	Electric	6"
<b>2E-D1A-12-S</b>	2-post electric system	Electric	12"
<b>4E-D1A-06-S</b>	4-post electric system	Electric	6"
<b>4E-D1A-12-S</b>	4-post electric system	Electric	12"



## Heavy Duty Dyna-Lift

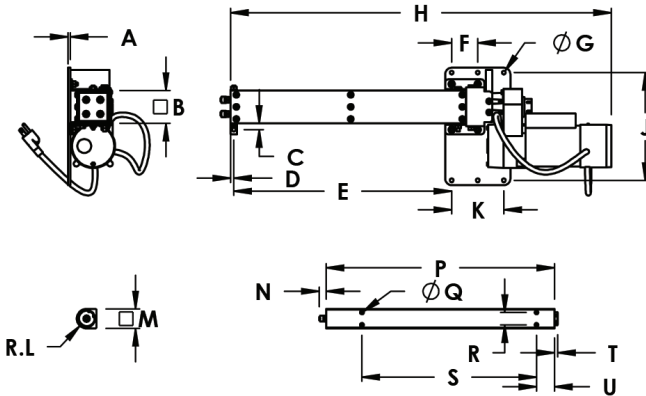
**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Stroke	A	B	C	D	E	F	G	H	J	K
4E-D1A-06-H	6"	.188	2.50	.500	.250	14.65	2.00	.281	28.48	9.00	4.00
4E-D1A-08-H	8"	.188	2.50	.500	.250	14.65	2.00	.281	28.48	9.00	4.00
4E-D1A-10-H	10"	.188	2.50	.500	.250	18.71	2.00	.281	32.54	9.00	4.00
4E-D1A-12-H	12"	.188	2.50	.500	.250	18.71	2.00	.281	32.54	9.00	4.00
4E-D1A-20-H	20"	.188	2.50	.500	.250	26.85	2.00	.281	40.35	9.00	4.00

- Heavy Duty Dyna-Lift Kit quickly converts a fixed height structure to one with a 0-12" range of height adjustment
- The 1,500 lb. capacity Heavy Duty Dyna-Lift is now available for both retrofit and OEM Applications

L	M	N	P	Q	R	S	T	U
.750	1.50	.531	11.5	1/4-20	.950	6.50	.250	1.38
.750	1.50	.531	13.5	1/4-20	.950	9.45	.250	1.38
.750	1.50	.531	15.5	1/4-20	.950	9.45	.250	1.38
.750	1.50	.531	17.5	1/4-20	.950	13.38	.250	1.38
.750	1.50	.531	25.5	1/4-20	.950	17.38	.250	1.38



6

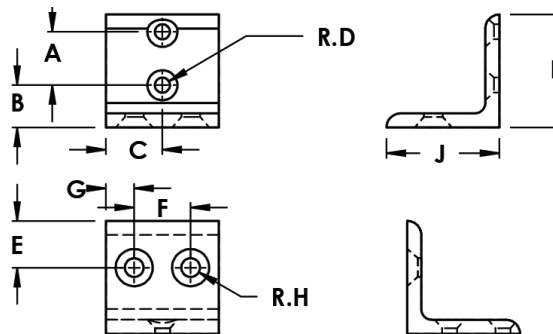
## Internal & External Aluminum Extrusion Mount

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	A	B	C	D	E	F	G	H	J	K
H29892PP	.950	.750	1.00	1/4	.813	1.00	.500	5/16	2.00	2.00

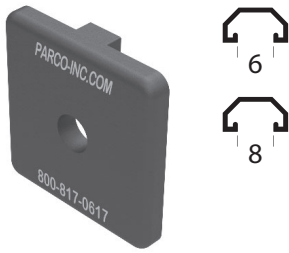
- Converts a fixed structure or OEM design to one with a 0-16" range of height adjustment with either manual (hand crank) or electric actuation
- Adjustment ranges available in 6", 8", 10", 12", 14", and 16" stroke.
- Lifting capacities of up to 1,500 lbs (with Heavy Duty Dyna-Lift)
- Single acting cylinders power up and gravity down. App. 20 lbs. of weight per cylinder to retract properly





## End Caps

**U** = Universal   **F** = Fractional   **M** = Metric



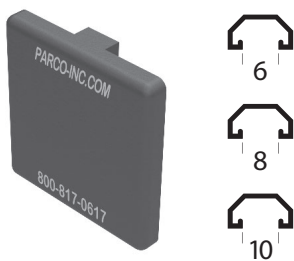
- End Caps come with Push-In Fasteners (Part # F32720 or F32740)
- Allows you to cap off extrusion ends
- 10 and 15 Series sizes
- End caps with Parco logo are standard unless PLAIN is requested

6

Part #	Description
<b>H20151</b>	1" x 1" Black End Cap w/ Parco Logo
<b>H20151PLAIN</b>	1" x 1" Plain Black End Cap
<b>H20221</b>	1" x 1" Plain Quarter Round Black End Cap
<b>H20251</b>	1" x 2" Black End Cap w/ Parco Logo
<b>H20251PLAIN</b>	1" x 2" Plain Black End Cap
<b>H20629</b>	1" x 3" Plain Black End Cap
<b>H20281</b>	2" x 2" Black End Cap w/ Parco Logo
<b>H20281PLAIN</b>	2" x 2" Plain Black End Cap
<b>H20302</b>	1.5" x 1.5" Black End Cap w/ Parco Logo
<b>H20302PLAIN</b>	1.5" x 1.5" Plain Black End Cap
<b>H20352</b>	1.5" x 1.5" Plain Quarter Round Black End Cap
<b>H20452</b>	1.5" x 3" Black End Cap w/ Parco Logo
<b>H20452PLAIN</b>	1.5" x 3" Plain Black End Cap
<b>H20462</b>	1.5" x 4.5" Plain Black End Cap
<b>H20502</b>	3" x 3" Black End Cap w/ Parco Logo
<b>H20502PLAIN</b>	3" x 3" Plain Black End Cap
<b>H20303</b>	40mm x 40mm Black End Cap w/ Parco Logo
<b>H20303PLAIN</b>	40mm x 40mm Plain Black End Cap
<b>H20503</b>	80mm x 80mm Black End Cap w/ Parco Logo
<b>H20503PLAIN</b>	80mm x 80mm Plain Black End Cap

## Snap-In End Caps

**U** = Universal   **F** = Fractional   **M** = Metric

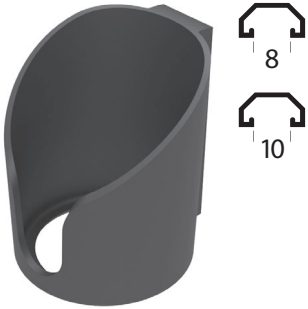


- Allows you to cap off extrusion ends
- Complete Snap-In End Cap, no fasteners needed
- 10 and 15 Series sizes

Part #	Description
<b>H20151PI</b>	1" x 1" Plain Black Snap-In End Cap
<b>H20251PI</b>	1" x 2" Plain Black Snap-In End Cap
<b>H20261PI</b>	1" x 3" Plain Black Snap-In End Cap
<b>H20281PI</b>	2" x 2" Plain Black Snap-In End Cap
<b>H20302PI</b>	1.5" x 1.5" Plain Black Snap-In End Cap
<b>H20452PI</b>	1.5" x 3" Plain Black Snap-In End Cap
<b>H20502PI</b>	3" x 3" Plain Black Snap-In End Cap
<b>H122715PI</b>	30mm x 30mm Snap-In End Cap
<b>H123025PI</b>	30mm x 60mm Snap-In End Cap
<b>H20303PL</b>	40mm x 40mm Snap-In End Cap
<b>H122626PI</b>	45mm x 45mm Snap-In End Cap
<b>H122596PI</b>	45mm x 45mm Snap-In End Cap
<b>H122696PI</b>	90mm x 90mm Snap-In End Cap

## Cup or Tool Holder

**U** = Universal   **F** = Fractional   **M** = Metric

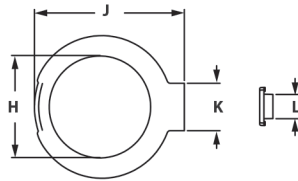
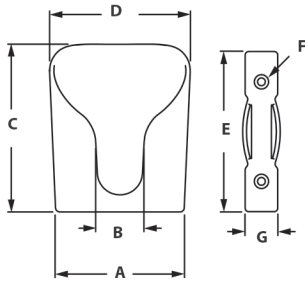


Part #	Style	A	B	C	D	E	F	G	H	J	K	L
<b>H116009</b>	Open	3.583	1.339	4.646	3.909	4.409	.216	.906	2.795	4.173	1.299	.276
<b>H116019</b>	Closed	3.583	1.339	4.646	3.909	4.409	.216	.906	n/a	4.173	1.299	.276

### RECOMMENDED BOLT ASSEMBLY

Part #	Qty	Description	Use For
<b>FC35750M</b>	2	M5 x 16mm FHSCS & Drop-In T-Nut	<b>H116009</b>
<b>FC35750M</b>	2	M5 x 16mm FHSCS & Drop-In T-Nut	<b>H116019</b>

- Closed or open bottom



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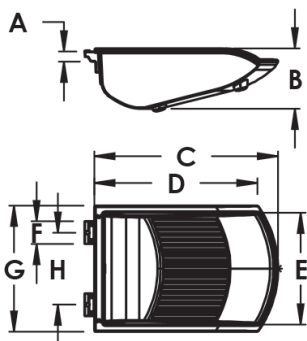
## Grab Tray

**U** = Universal   **F** = Fractional   **M** = Metric



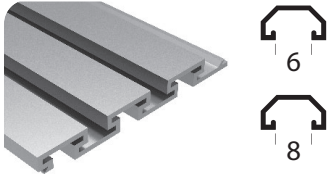
- Attaches to t-slot
- allows for part management and presentation

Part #	Series	Description	A	B	C	D	E	F	G	H
<b>H29752PP</b>	15, 30, 40	Black Grab Tray	8mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29762PP</b>	15, 30, 40	Yellow Grab Tray	8mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29772PP</b>	15, 30, 40	Red Grab Tray	8mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29782PP</b>	15, 30, 40	Green Grab Tray	8mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29792PP</b>	15, 30, 40	Gray Grab Tray	8mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29806PP</b>	45	Black Grab Tray	10mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29816PP</b>	45	Yellow Grab Tray	10mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29826PP</b>	45	Red Grab Tray	10mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29836PP</b>	45	Green Grab Tray	10mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm
<b>H29846PP</b>	45	Gray Grab Tray	10mm	50mm	153.5mm	136mm	87mm	19mm	105mm	60mm



## Slatwall Panels

**U** = Universal    **F** = Fractional    **M** = Metric



• Allows for mounting of t-slot accessories

Part #	Series	Description	Thickness	A	B	C
<b>H59999</b>	10	12'6" Slatwall Panel	1/8"	.450	1.50	.495
<b>H30199</b>	15	12' Channel 3/4" x 1/2"	3/4"	.750	.500	.125

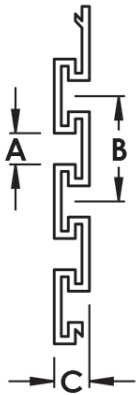
### RECOMMENDED 10S FASTENERS

Part #	Qty	Description	Use For
<b>J45108</b>	1	10 to 15 S - 2 Hole Transition Strip	<b>H59999</b>
<b>FC33930</b>	1	1/4-20 x 1/2" FBHSCS & Economy T-Nut	<b>H59999</b>
<b>FC33650</b>	1	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>H59999</b>

### RECOMMENDED 15S FASTENERS

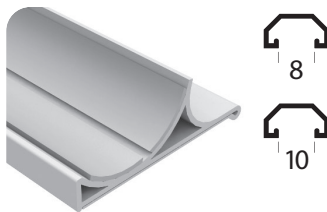
Part #	Qty	Description	Use For
<b>J43072</b>	1	15S 2 Hole Joining Strip	<b>H30199</b>
<b>FC33650</b>	2	5/16-18 x 5/8" FBHSCS & Economy T-Nut	<b>H30199</b>

6



## Label Clip

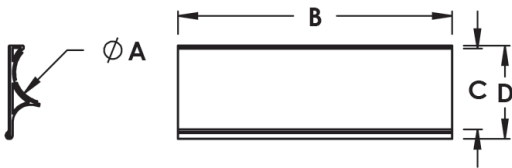
**U** = Universal    **F** = Fractional    **M** = Metric



• Adhesive backed labeling device  
• Works with Parco's Kwik Tube

Part #	Description	A	B	C	D
<b>H29709PP</b>	Transparent Gray D28	28mm	120mm	38mm	41mm
<b>H29719PP</b>	Transparent Gray D28	28mm	2000mm	38mm	41mm
<b>H29729PP</b>	Transparent D28	28mm	120mm	38mm	40mm
<b>H29739PP</b>	Transparent D28	28mm	2000mm	38mm	40mm

New \*



## Glass Panel Clamp

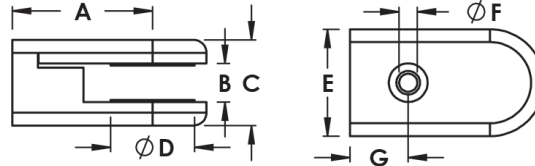
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	A	B	C	D	E	F	G
<b>H44909</b>	10, 15, 40	32.5mm	9mm	20mm	19.5mm	25mm	5.5mm	13.5mm

New \*

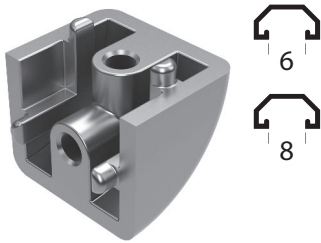
- A simple way to connect glass panels
- Pads help protect panel
- Zinc die-cast
- 10, 15 and 40 series



6

## Glass Corner Connector

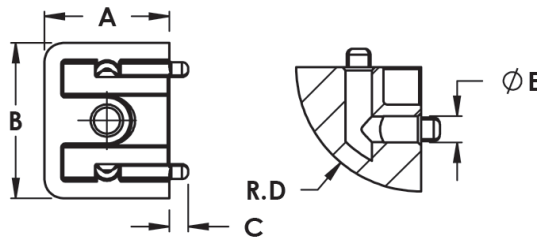
**U** = Universal   **F** = Fractional   **M** = Metric



Part #	Series	A	B	C	D	E
<b>H44919</b>	10, 15, 40	20mm	25mm	3mm	20mm	M5

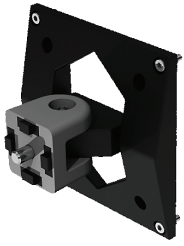
New \*

- Used to make a 90 degree corner connection with two glass panels
- Uses two glass panel clamps part number H44909



## Monitor Mount

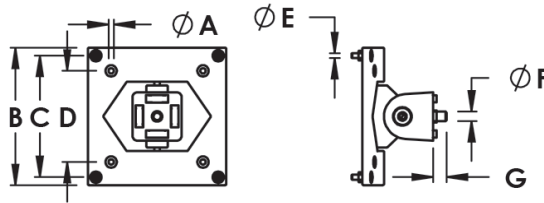
**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D	E	F	G
<b>H29749PP</b>	15, 30, 40, 45	4.3mm	113mm	100mm	75mm	M4	M8	11.4mm

New ✪

- Used to attach flat screens to aluminum profile structures
- VESA MIS-D 75/100 compatible
- Can be adjusted horizontally or vertically



6







**7**



## Section 7

# Stanchions

---

Stanchions allow you the ability to implement a fourth and fifth axis to your application. Within this section, there are many types of stanchions that allow versatility when designing your project and modularity when utilizing your project. Anything from single or double shaft bases, blank mounting or pre-drilled mounting plates, to single or double mounting blocks are available.

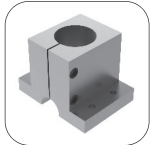
The Horizontal Quick Clamp stanchion, a different style of stanchion, allows you to retain the modularity you get with PARCO extrusions. By utilizing our tubes and solid rounds, you can create precise positioning without stanchions. Position of camera equipment and light sources, even positioning for actuators or sensors, has never been easier.

### **Stanchion Advantages**

1. Adjustable in X, Y, and Z axis when used with T-Slots
2. Bolts directly to PARCO extrusions
3. Choose from aluminum or steel tubes for stanchion posts

# Pictorial Table of Contents

Single Shaft Base



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Double Shaft Base



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Single Shaft Blank Mounting Plate



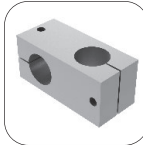
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Single Shaft Pre-Drilled Mounting Plate



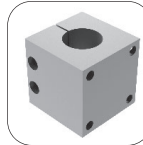
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Quick Cross Clamp



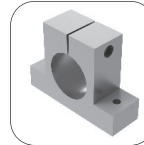
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Single Shaft Mounting Block



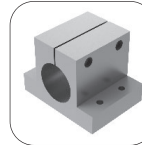
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Single Horizontal Base



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Double Horizontal Base



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Horizontal Quick Clamp



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Stanchion Cross Clamp

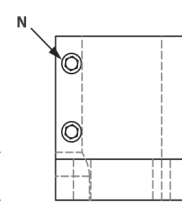
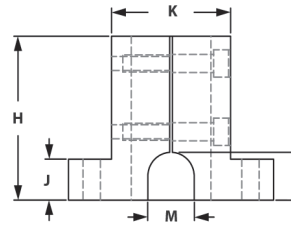
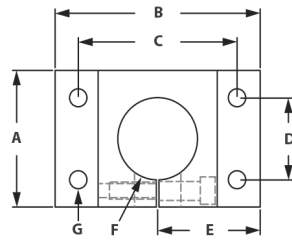
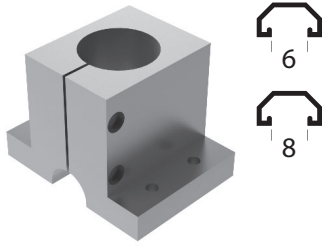


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## Single Shaft Base

**F** = Fractional    **M** = Metric



(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>S50501</b>	10	1" Diameter	2.125	3.00	2.25	1.00	1.50	1.004	.257	2.50	.500	1.50	.625	.625	1/4-20 SHCS
<b>S51002</b>	10	1" Diameter	2.125	3.00	2.25	1.00	1.50	1.004	.257	2.50	.500	1.50	.625	.625	1/4-20 SHCS
<b>S52002</b>	15	1.5" Diameter	2.50	3.875	3.00	1.50	1.937	1.505	.328	3.00	.750	2.250	.875	.875	5/16-18 SHCS
<b>S53002</b>	15	2" Diameter	3.50	4.750	3.750	1.50	2.375	2.005	.328	3.50	.750	2.750	.750	1.25	5/16-18 SHCS

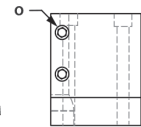
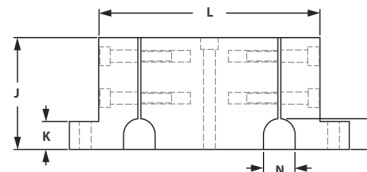
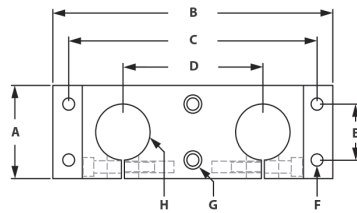
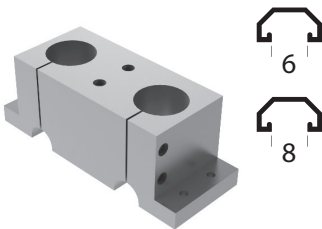
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC34710</b>	4	1/4-20 x .875 SHCS & Slide In T-Nut & Washer	<b>S50501</b>
<b>FC34700</b>	4	5/16-18 x 1.00" SHCS & Slide In T-Nut & Washer	<b>S51002</b>
<b>FC34210</b>	4	5/16-18 x 1.25" SHCS & Slide In T-Nut & Washer	<b>S52002</b>
<b>FC34210</b>	4	5/16-18 x 1.25" SHCS & Slide In T-Nut & Washer	<b>S53002</b>

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## Double Shaft Base

**F** = Fractional    **M** = Metric



(Included Bolt)

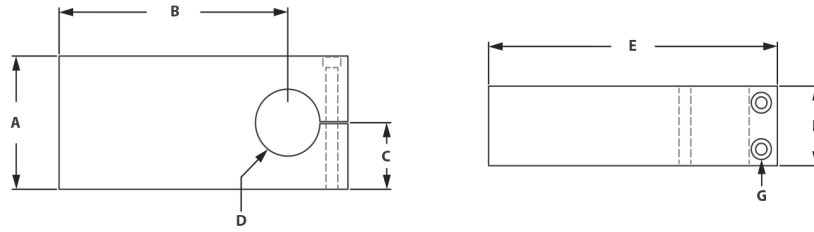
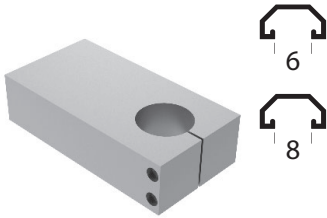
Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M	N	O
<b>S51251</b>	10	1" Diameter	2.00	6.50	5.750	3.50	1.00	.257	1/4-20 SHCS	1.004	2.50	.500	5.00	.625	.620	1/4-20 SHCS
<b>S51502</b>	10	1" Diameter	2.00	6.50	5.750	3.50	1.50	.328	5/16-18 SHCS	1.004	2.50	.500	5.00	.625	.620	5/16-18 SHCS
<b>S52502</b>	15	1.5" Diameter	2.50	7.75	6.875	3.875	1.50	.328	5/16-18 SHCS	1.505	3.00	.750	6.125	.825	.875	5/16-18 SHCS
<b>S53502</b>	15	2" Diameter	3.50	9.50	8.50	4.75	1.50	.328	5/16-18 SHCS	2.005	3.50	.750	7.50	.750	1.25	5/16-18 SHCS

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33040</b>	2	1/4-20 x .75" SCHS & Economy T-Nut	<b>S51251</b>
<b>FC34580</b>	2	5/16-18 x .875" SCHS & Economy T-Nut	<b>S51502</b>
<b>FC34210</b>	2	5/16-18 x 1.25" SCHS & Economy T-Nut	<b>S52502</b>
<b>FC34210</b>	2	5/16-18 x 1.25" SCHS & Economy T-Nut	<b>S53502</b>

## Single Shaft Blank Mounting Plate

**F** = Fractional    **M** = Metric



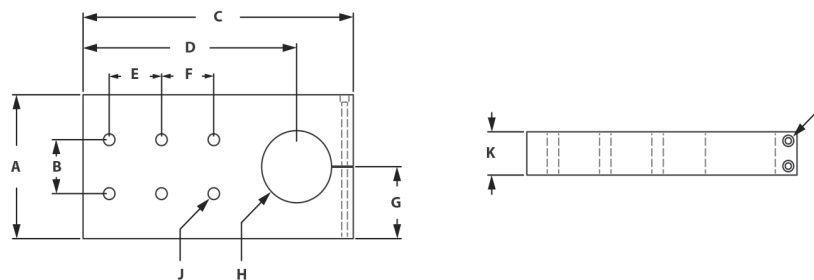
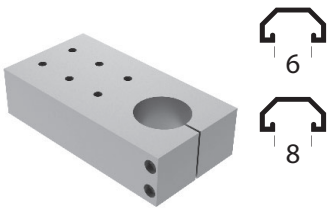
(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G
<b>S54009</b>	10	1" Diameter	2.00	3.562	1.00	1.004	4.50	1.00	1/4-20 SHCS
<b>S54509</b>	15	1.5" Diameter	3.00	5.125	1.50	1.505	6.50	1.50	5/16-18 SHCS
<b>S55009</b>	15	2" Diameter	4.00	6.125	2.00	2.005	7.75	2.00	5/16-18 SHCS

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## Single Shaft Pre-Drilled Mounting Plate

**F** = Fractional    **M** = Metric



(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L
<b>S54151</b>	10	1" Diameter	2.00	1.00	4.50	3.56	1.00	N/A	1.00	1.004	4 @ .257	1.25	1/4-20 SHCS
<b>S54252</b>	15	1" Diameter	2.00	1.50	4.50	3.562	1.50	N/A	1.00	1.004	4 @ .328	1.25	1/4-20 SHCS
<b>S54752</b>	15	1.5" Diameter	3.00	1.50	6.50	5.125	1.50	N/A	1.50	1.505	4 @ .328	1.50	5/16-18 SHCS
<b>S55252</b>	15	2" Diameter	4.00	1.50	7.75	6.125	1.50	1.50	2.00	2.005	6 @ .328	2.00	5/16-18 SHCS

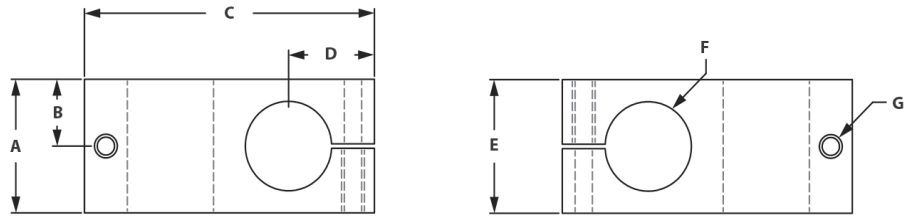
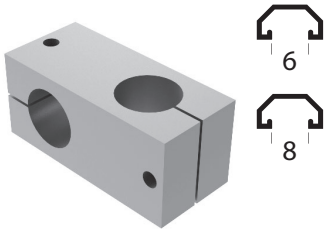
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>F30720</b>	4	1/4-20 x 1 1/2" SHCS	<b>S54151</b>
<b>F31290</b>	4	5/16-18 x 1 3/4" SHCS	<b>S54252</b>
<b>F31300</b>	4	5/16-18 x 2" SHCS	<b>S54752</b>
<b>F31320</b>	6	5/16-18 x 2 1/2" SHCS	<b>S55252</b>



## Quick Cross Clamp

**F** = Fractional    **M** = Metric

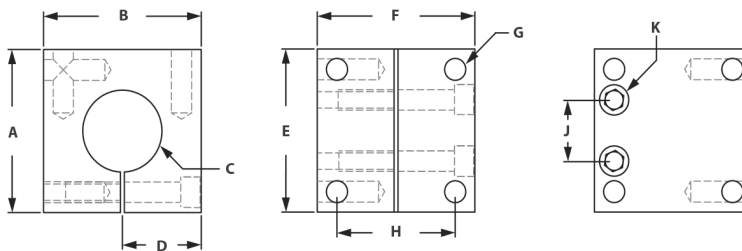
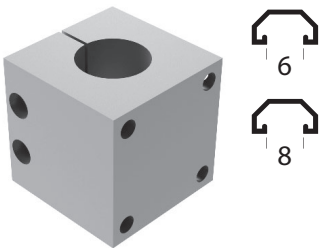


Part #	Series	Description	A	B	C	D	E	F	G-Tap
<b>S53409</b>	10/15/40	1" Quick Cross Clamp	1.50	.750	3.375	1.00	1.50	1.004	1/4-20

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## Single Shaft Mounting Block

**F** = Fractional    **M** = Metric

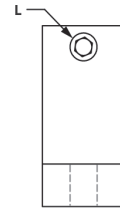
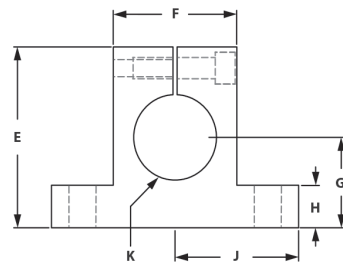
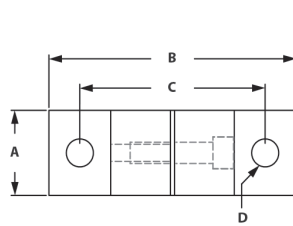


(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G-Tap	H	J	K
<b>S55509</b>	10/15/40	1" Diameter Single Shaft Mounting Block	2.00	2.00	1.004	1.00	2.00	2.00	5/16-18	1.50	.750	1/4-20 SHCS

## Single Horizontal Base

**F** = Fractional    **M** = Metric



(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L
<b>S58601</b>	10	1" Single Horizontal Base	1.00	3.00	2.25	.257	2.125	1.50	1.062	.500	1.50	1.004	1/4-20 SHCS
<b>S58702</b>	15	1" Single Horizontal Base	1.00	3.00	2.25	3.28	2.125	1.50	1.062	.500	1.50	1.004	1/4-20 SHCS
<b>S58802</b>	15	1.5" Single Horizontal Base	1.25	3.875	3.00	3.28	2.50	2.25	1.125	.750	1.937	1.505	5/16-18 SHCS
<b>S58902</b>	15	2" Single Horizontal Base	1.50	4.750	3.75	3.28	3.50	2.75	1.625	1.00	2.375	2.005	5/16-18 SHCS

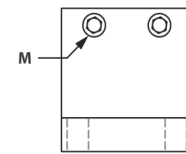
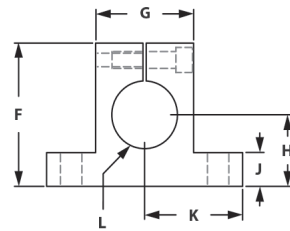
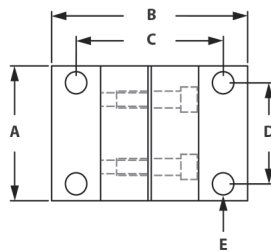
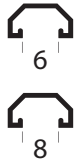
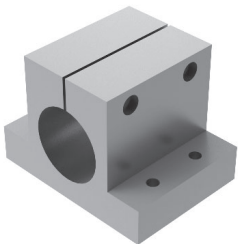
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33040</b>	2	1/4-20 x .75" SCHS & Economy T-Nut	<b>S58601</b>
<b>FC34580</b>	2	5/16-18 x .875" SCHS & Economy T-Nut	<b>S58702</b>
<b>FC34210</b>	2	5/16-18 x 1.30" SHCS & Slide In T-Nut & Washer	<b>S58802</b>
<b>FC34220</b>	2	5/16-18 x 1.50" SHCS & Slide In T-Nut & Washer	<b>S58902</b>

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## Double Horizontal Base

**F** = Fractional    **M** = Metric



(Included Bolt)

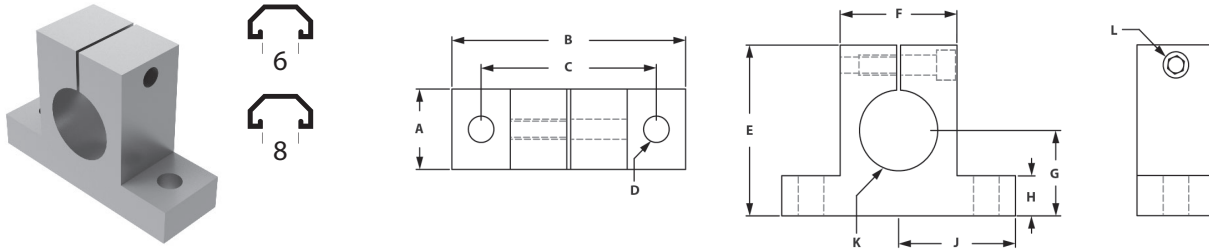
Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M
<b>S59101</b>	10	1" Double Horizontal Base	2.00	3.00	2.25	1.00	.257	2.125	1.50	1.062	.500	1.50	1.004	1/4-20 SHCS
<b>S59202</b>	15	1" Double Horizontal Base	2.00	3.00	2.25	1.50	.328	2.125	1.50	1.062	.500	1.50	1.004	1/4-20 SHCS
<b>S59302</b>	15	1.5" Double Horizontal Base	2.50	3.875	3.00	1.50	.328	2.50	2.25	1.125	.750	1.937	1.505	5/16-18 SHCS
<b>S59402</b>	15	2" Double Horizontal Base	3.50	4.750	3.75	1.50	.328	3.50	2.75	1.625	1.00	2.375	2.005	5/16-18 SHCS

### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33040</b>	2	1/4-20 x .75" SCHS & Economy T-Nut	<b>S59101</b>
<b>FC34580</b>	2	5/16-18 x .875" SCHS & Economy T-Nut	<b>S59202</b>
<b>FC34210</b>	2	5/16-18 x 1.30" SHCS & Slide In T-Nut & Washer	<b>S59302</b>
<b>FC34220</b>	2	5/16-18 x 1.50" SHCS & Slide In T-Nut & Washer	<b>S59402</b>

## Horizontal Quick Clamp

**F** = Fractional    **M** = Metric



Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L-Tap
<b>S53601</b>	10	1" Horizontal Quick Clamp	1.00	3.00	2.25	.257	2.125	1.50	1.062	.500	1.50	1.004	1/4-20
<b>S53702</b>	15	1" Horizontal Quick Clamp	1.00	3.00	2.25	.328	2.125	1.50	1.062	.500	1.50	1.004	1/4-20

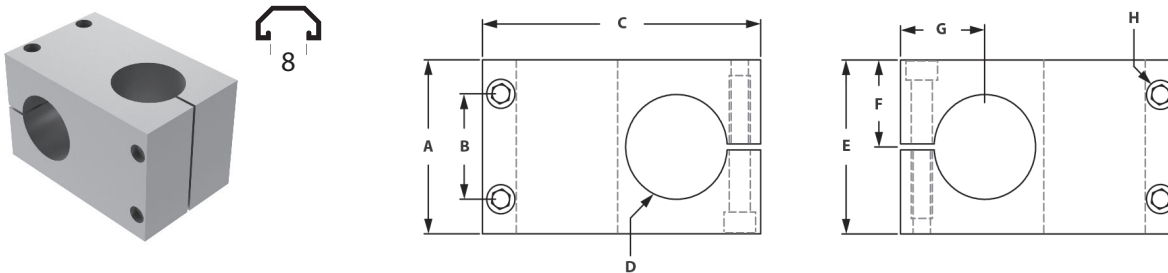
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC33040</b>	2	1/4-20 x .75" SCHS & Economy T-Nut	<b>S53601</b>
<b>FC34580</b>	2	5/16-18 x .875" SCHS & Economy T-Nut	<b>S53702</b>

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## Stanchions Cross Clamp

**F** = Fractional    **M** = Metric



(Included Bolt)

Part #	Series	Description	A	B	C	D	E	F	G	K
<b>S55759</b>	15	1" Diameter	2.00	1.40	3.125	1.004	2.00	1.00	1.00	1/4-20 SHCS
<b>S56259</b>	15	1.5" Diameter	2.50	1.75	4.125	1.505	2.50	1.25	1.250	1/4-20 SHCS
<b>S56759</b>	15	2" Diameter	3.50	2.00	5.50	5.50	3.50	1.625	1.750	5/16-18 SHCS





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## Section 8

# Linear Motion

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### **Shimless Industrial Linear Bearings**

Shimless Industrial Linear Bearings are designed to be used in both low and high acceleration/deceleration applications. The Shimless Industrial Linear Bearing contains special threaded inserts in the pads that allow for a more heavy duty bearing. The Shimless Industrial Linear Bearings can be used in applications such as actuators, parts transfers, or pick and place operations.

### **Advantages of Shimless Industrial Linear Bearings**

1. Added radius increases structural strength of extrusion housing and has a smooth, clean finish
2. Shimless Industrial Linear Bearings provide convenience and single tool adjustability without disassembly
3. Full length bearing pads on all bearings
4. Due to the type of fasteners provided, all bearings are designed for Industrial (hi-cycle, long life) use
5. Can install L-Handle brake for positioning
6. Eliminate adjustability of bearing by using shim pack.



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Flange Linear  
Bearings - Short



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Flange Linear  
Bearings - Long



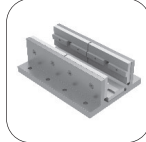
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Economy Double  
Flange Linear  
Bearings - Short



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Economy Double  
Flange Linear  
Bearings - Long



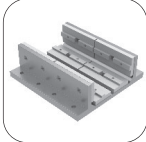
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Economy  
Double Wide  
Flange Linear  
Bearings - Short



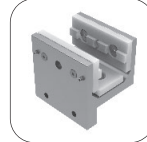
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Economy  
Double Wide  
Flange Linear  
Bearings - Long



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Single  
Flange Rapid  
Cycle Linear  
Bearings - Short



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Single  
Flange Rapid  
Cycle Linear  
Bearings - Long



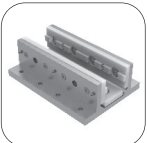
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Double  
Flange Rapid  
Cycle Linear  
Bearings - Short



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Double  
Flange Rapid  
Cycle Linear  
Bearings - Long



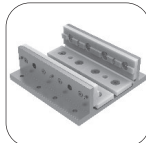
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Double Wide  
Double  
Flange Linear  
Bearings - Short



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Double Wide  
Double  
Flange Linear  
Bearings - Long



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Linear Bearing  
Brake Handle  
Kits



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Black Nylon  
Roller Wheels



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Roller Wheel  
Brackets



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Roller Wheel  
Brackets &  
Assemblies



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Linear Bearing  
Machining  
Services



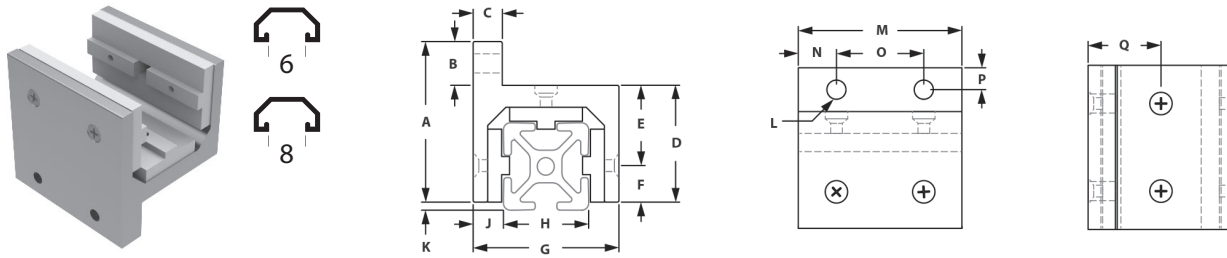
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# Linear Motion

## Economy Single Flange Linear Bearings - Short

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
L67151	10	2.160	.750	.312	1.41	1.007	.403	1.701	1.00	.306	.097	.257	1.88	.438	1.00	.375	.831
L68152	15	2.818	.750	.500	2.068	1.440	.620	2.60	1.50	.490	.130	.328	2.81	.656	1.50	.375	1.275
L68153	40	71.81	19.00	11.99	52.81	54.38	17.42	65.13	40.0	12.32	.258	8.33	74.98	17.50	40.0	9.50	32.56

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
L64151	10	2.160	.750	.312	1.41	1.007	.403	1.701	1.00	.306	.097	.257	1.88	.438	1.00	.375	.831
L65152	15	2.818	.750	.500	2.068	1.440	.620	2.60	1.50	.490	.130	.328	2.81	.656	1.50	.375	1.275
L65153	40	71.81	19.00	11.99	52.81	54.38	17.42	65.13	40.0	12.32	.258	8.33	74.98	17.50	40.0	9.50	32.56

Note: 40 series measurements are mm

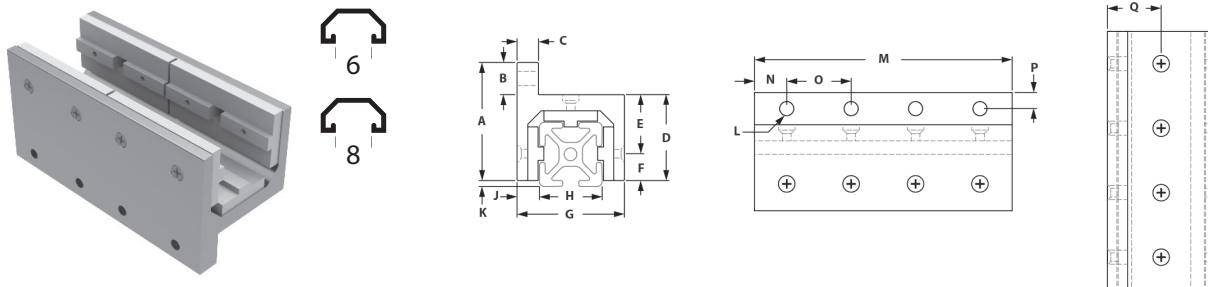
\*Brake Prepared Linear Bearings have brake holes at B1, B2, and B3 locations.

### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67151 & L64151
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68152 & L65152
FC3816ZM	M8 x 20mm SHCS & Offset Econ T-Nut	L68153 & L65153

## 8 Economy Single Flange Linear Bearings - Long

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
L67161	10	2.160	.750	.312	1.41	1.007	.403	1.701	1.00	.306	.097	.257	4.00	.500	1.00	.375	.831
L68162	15	2.818	.750	.500	2.068	1.440	.620	2.60	1.50	.490	.130	.328	6.00	.750	1.50	.375	1.275

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
L64161	10	2.160	.750	.312	1.41	1.007	.403	1.701	1.00	.306	.097	.257	4.00	.500	1.00	.375	.831
L65162	15	2.818	.750	.500	2.068	1.440	.620	2.60	1.50	.490	.130	.328	6.00	.750	1.50	.375	1.275

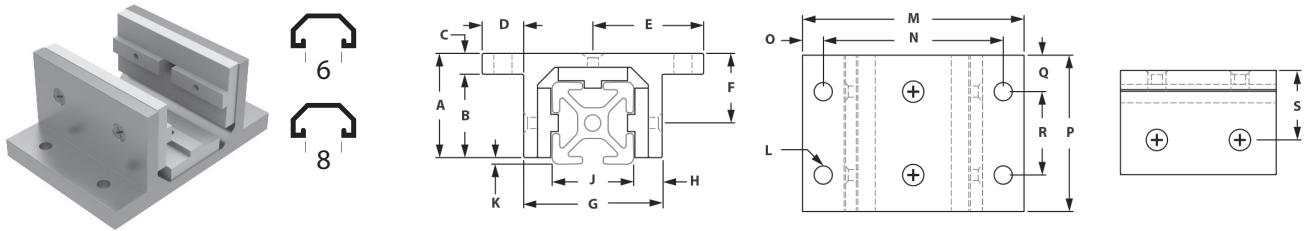
\*Brake Prepared Linear Bearings have brake holes at B1, B2, B3, B4, B5, and B6 locations.

### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67161 & L64161
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68162 & L65162

## Economy Double Flange Linear Bearings - Short

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
L67251	10	1.316	1.004	.312	.780	1.610	.913	1.701	.306	1.00	.097	.257	3.26	.360	2.50	1.88	.438	1.00	.403
L68252	15	1.943	1.568	.375	.950	2.225	1.323	2.60	.490	1.50	.130	.328	4.50	.475	3.50	2.81	.656	1.00	.620
L68253	40	50.00	41.00	9.00	19.00	51.56	32.56	65.13	12.32	40	2.58	8.33	103.1	84.1	9.50	75.0	17.50	40	32.56

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
L64251	10	1.316	1.004	.312	.780	1.610	.913	1.701	.306	1.00	.097	.257	3.26	.360	2.50	1.88	.438	1.00	.403
L65252	15	1.943	1.568	.375	.950	2.225	1.323	2.60	.490	1.50	.130	.328	4.50	.475	3.50	2.81	.656	1.00	.620
L65253	40	50.00	41.00	9.00	19.00	51.56	32.56	65.13	12.32	40	2.58	8.33	103.1	84.1	9.50	75.0	17.50	40	32.56

Note: 40 series measurements are mm

\*Brake Prepared Linear Bearings have brake holes at A1, A2, and A3 locations.

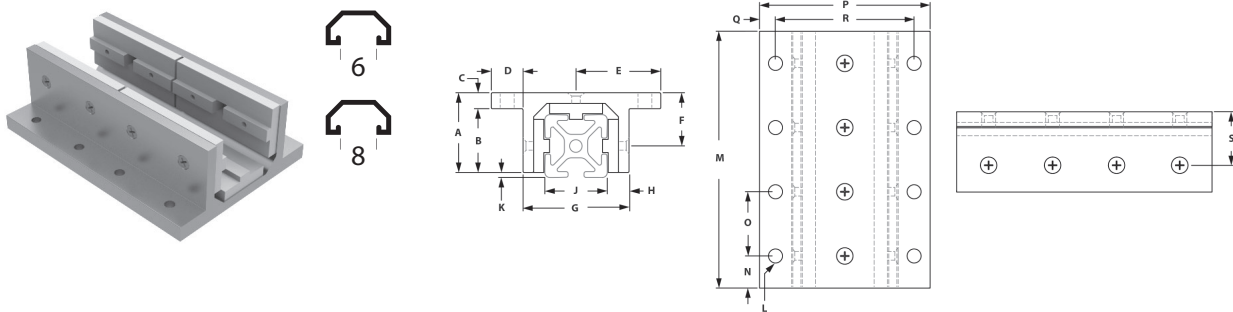
### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67251 & L64251
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68252 & L65252
FC3816ZM	M8 x 20mm SHCS & Offset Econ T-Nut	L68253 & L65253

## Economy Double Flange Linear Bearings - Long

**F** = Fractional **M** = Metric

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Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
L67261	10	1.316	1.004	.312	.780	1.610	.913	1.701	.306	1.00	.097	.257	4.00	.500	1.00	3.26	2.50	.360	.403
L68262	15	1.943	1.568	.375	.950	2.225	1.323	2.60	.490	1.50	.130	.328	6.00	.750	1.50	4.50	3.50	.475	.620

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
L64261	10	1.316	1.004	.312	.780	1.610	.913	1.701	.306	1.00	.097	.257	4.00	.500	1.00	3.26	2.50	.360	.403
L65262	15	1.943	1.568	.375	.950	2.225	1.323	2.60	.490	1.50	.130	.328	6.00	.750	1.50	4.50	3.50	.475	.620

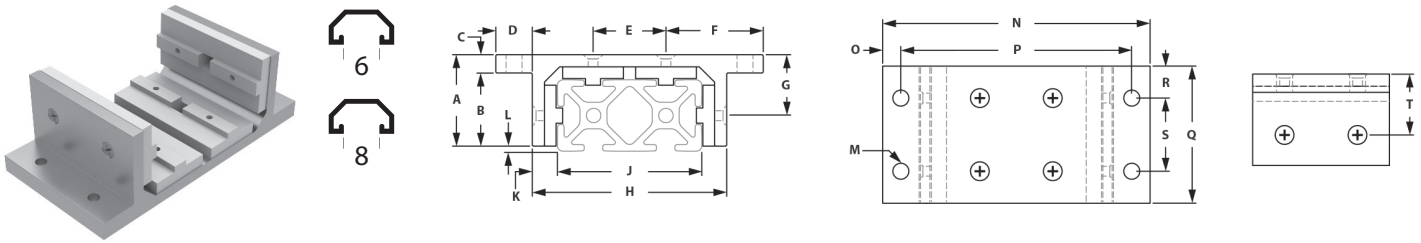
Brake Prepared Linear Bearings have brake holes at A1, A2, A3, A4, A5, and A6 locations.

### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67261 & L64261
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68262 & L65262

## Economy Doublewide Flange Linear Bearing - Short

**F** = Fractional **M** = Metric



Part #	Ser	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
L67231	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.25	.360	3.49	1.88	.438	1.00	.403
L68232	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.475	5.00	2.81	.656	1.50	.620
L68233	40	71.81	19.00	11.9	52.81	40	17.43	32.56	105.31	80	12.32	2.58	8.33	143.3	9.50	124.3	75	17.50	40	32.56

### Brake Prepared Linear Bearings

Part #	Ser	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
L64231	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.25	.360	3.49	1.88	.438	1.00	.403
L65232	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.475	5.00	2.81	.656	1.50	.620
L65233	40	71.81	19.00	11.9	52.81	40	17.43	32.56	105.31	80	12.32	2.58	8.33	143.3	9.50	124.3	75	17.50	40	32.56

Note: 40 series measurements are mm

Brake Prepared Linear Bearings have brake holes at C1, C2, C3, and C4 locations.

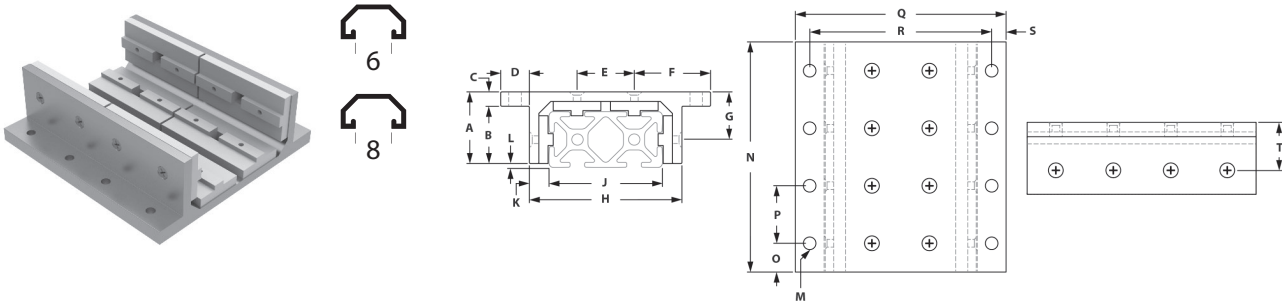
### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67231 & L64231
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68232 & L65232
FC3816ZM	M8 x 20mm SHCS & Offset Econ T-Nut	L68233 & L65233

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## Economy Doublewide Flange Linear Bearing - Long

**F** = Fractional **M** = Metric



Part #	Ser	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
L67241	10	1.316	1.004	.312	.772	1.0	1.61	.913	2.707	2.0	.306	.097	.257	4.25	.438	1.0	4.25	3.49	.360	.403
L68242	15	1.943	1.568	.375	.950	1.5	2.25	1.323	4.10	3.0	.490	.130	.328	6.00	.750	1.5	6.00	5.00	.475	.620
L68243	40	71.81	19.00	11.99	52.81	40	17.43	32.56	105.31	80	12.32	2.58	8.33	160	17.5	40	143.3	124.3	9.5	32.56

### Brake Prepared Linear Bearings

Part #	Ser	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
L64261	10	1.316	1.004	.312	.772	1.0	1.61	.913	2.707	2.0	.306	.097	.257	4.25	.438	1.0	4.25	3.49	.360	.403
L65242	15	1.943	1.568	.375	.950	1.5	2.25	1.323	4.10	3.0	.490	.130	.328	6.00	.750	1.5	6.00	5.00	.475	.620
L65243	40	71.81	19.00	11.99	52.81	40	17.43	32.56	105.31	80	12.32	2.58	8.33	160	17.5	40	143.3	124.3	9.5	32.56

Note: 40 series measurements are mm

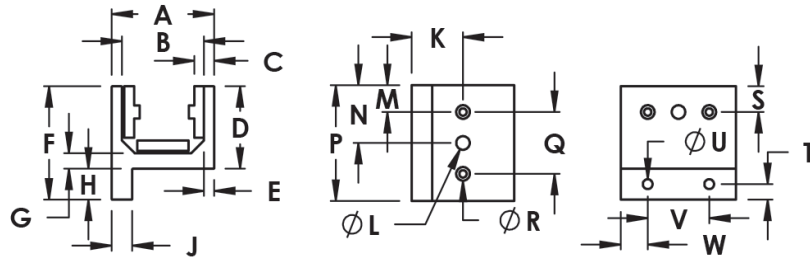
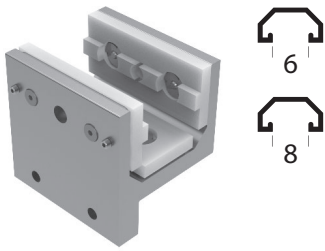
Brake Prepared Linear Bearings have brake holes at C1, C2, C3, C4, C5, C6, C7, and C8 locations.

### RECOMMENDED FASTENERS

Part #	Description	Use For
FC34930	1/4-20 x 5/8" SHCS & Economy T-Nut	L67241 & L64261
F31220 & F32860	5/16-18 x 1" SHCS & Economy T-Nut	L68242 & L65242
FC3816ZM	M8 x 20mm SHCS & Offset Econ T-Nut	L68243 & L65243

## Single Flange Rapid Cycle Linear Bearings - Short

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
<b>L66301</b>	10	1.701	1.389	.306	1.41	.156	2.16	.250	.750	.312	.831	N/A	.438	N/A	1.88	1.00	.129	.403	.325	.257	1.00	.438
<b>L68302</b>	15	2.60	2.10	.490	2.07	.250	2.81	.375	.750	.500	1.27	N/A	.654	N/A	2.81	1.50	.136	1.32	.375	.328	1.50	.656

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
<b>L63301</b>	10	1.70	1.39	.306	1.41	.156	2.16	.250	.750	.312	.831	.281	.438	.938	.188	1.00	.129	.403	.375	.257	1.00	.438
<b>L65302</b>	15	2.60	2.10	.490	2.07	.250	2.82	.375	.750	.500	1.27	.328	.654	1.40	2.81	1.50	.177	1.32	.375	.328	1.50	.656

Brake Prepared Linear Bearings have brake holes at B1, B2, and B3, locations.

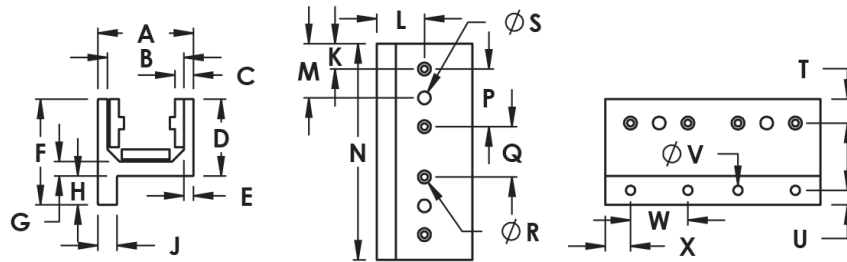
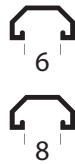
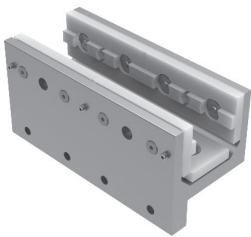
### RECOMMENDED FASTENERS

Part #	Qty	Description	Use For
<b>FC34930</b>	2	1/4-20 x 5/8" SHCS & Economy T-Nut	<b>L66301 &amp; L63301</b>
<b>FC38440</b>	2	5/16-18 x 1" SHCS & Economy T-Nut	<b>L68302 &amp; L65302</b>

## Single Flange Rapid Cycle Linear Bearings - Long

**F** = Fractional **M** = Metric

8



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
<b>L66311</b>	10	1.70	1.39	.306	1.41	.156	.216	.250	.750	.312	.438	.831	N/A	4	1.00	1.00	.129	N/A	.403	.375	.257	1.00	.438
<b>L68312</b>	15	2.60	2.10	.490	2.07	.250	2.82	.375	.750	.500	.654	1.27	N/A	6	1.50	1.50	.280	N/A	1.32	.375	.328	1.50	.656

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
<b>L63311</b>	10	1.70	1.39	.306	1.41	.156	.216	.250	.750	.312	.438	.831	.938	4	1.00	1.00	.129	.281	.403	.375	.257	1.00	.438
<b>L65312</b>	15	2.60	2.10	.490	2.07	.250	2.82	.375	.750	.500	.654	1.27	1.40	6	1.50	1.50	.280	.328	1.32	.375	.328	1.50	.656

Brake Prepared Linear Bearings have brake holes at B1, B2, B3, B4, B5, and B6 locations.

### RECOMMENDED FASTENERS

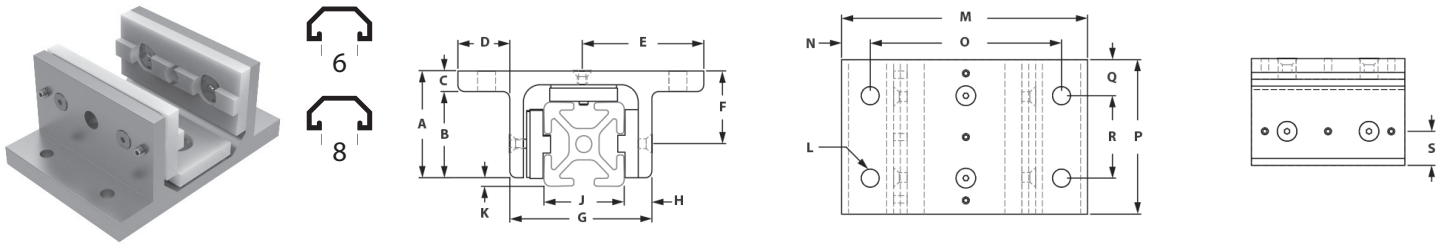
Part #	Qty	Description	Use For
<b>FC34930</b>	4	1/4-20 x 5/8" SHCS & Economy T-Nut	<b>L66311 &amp; L63311</b>
<b>FC38440</b>	4	5/16-18 x 1" SHCS & Economy T-Nut	<b>L68312 &amp; L65312</b>



# Linear Motion

## Double Flange Rapid Cycle Linear Bearings - Short

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
<b>L66351</b>	10	1.32	1.00	.312	.780	1.61	.913	1.70	.306	1.00	.097	.257	3.26	.360	2.50	1.88	.438	1.00	.403
<b>L68352</b>	15	1.94	1.56	.375	.950	2.22	1.32	2.60	.490	1.50	.130	.328	4.50	.475	3.50	2.81	.656	1.50	.620

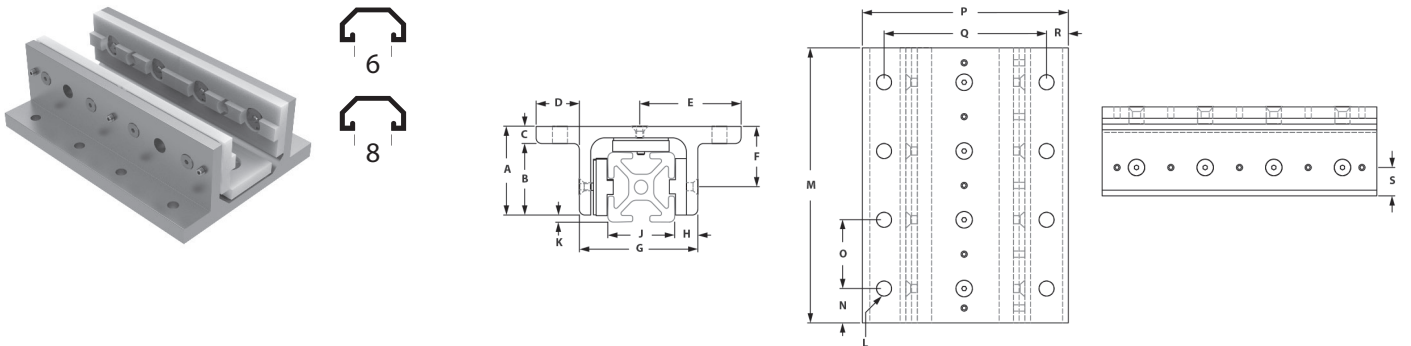
### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
<b>L63351</b>	10	1.32	1.00	.312	.780	1.61	.913	1.70	.306	1.00	.097	.257	3.26	.360	2.50	1.88	.438	1.00	.403
<b>L65352</b>	15	1.94	1.56	.375	.950	2.22	1.32	2.60	.490	1.50	.130	.328	4.50	.475	3.50	2.81	.656	1.50	.620

Brake Prepared Linear Bearings have brake holes at locations.

## 8 Double Flange Rapid Cycle Linear Bearings - Long

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
<b>L66361</b>	10	1.218	.906	.312	.656	1.468	.812	1.625	.312	1.00	.094	.257	4.00	.500	1.00	3.26	2.50	.360	.403
<b>L68362</b>	15	1.875	1.50	.375	.750	1.250	1.235	2.50	.500	1.50	.125	.328	6.00	.750	1.50	4.50	3.50	.475	.620

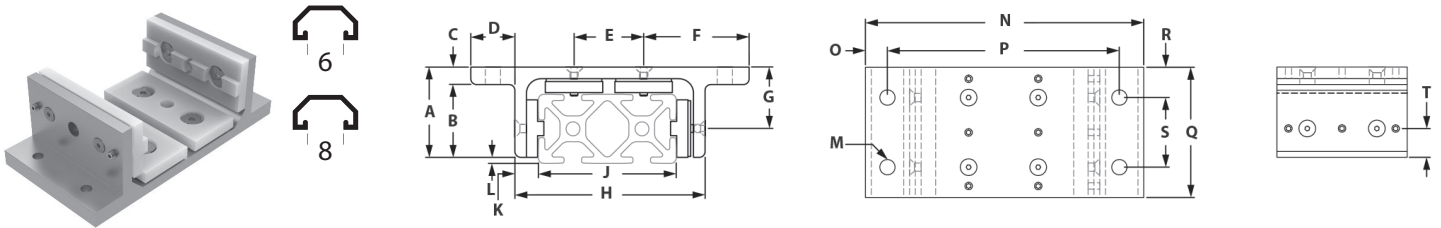
### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
<b>L63361</b>	10	1.218	.906	.312	.656	1.468	.812	1.625	.312	1.00	.094	.257	4.00	.500	1.00	3.26	2.50	.360	.403
<b>L65362</b>	15	1.875	1.50	.375	.750	1.250	1.235	2.50	.500	1.50	.125	.328	6.00	.750	1.50	4.50	3.50	.475	.620

Brake Prepared Linear Bearings have brake holes at locations.

## Doublewide Double Flange Linear Bearings - Short

**F** = Fractional **M** = Metric



Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
<b>L66331</b>	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.25	.360	3.49	1.88	.438	1.00	.403
<b>L68332</b>	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.475	5.00	2.81	.656	1.50	.620

### Brake Prepared Linear Bearings

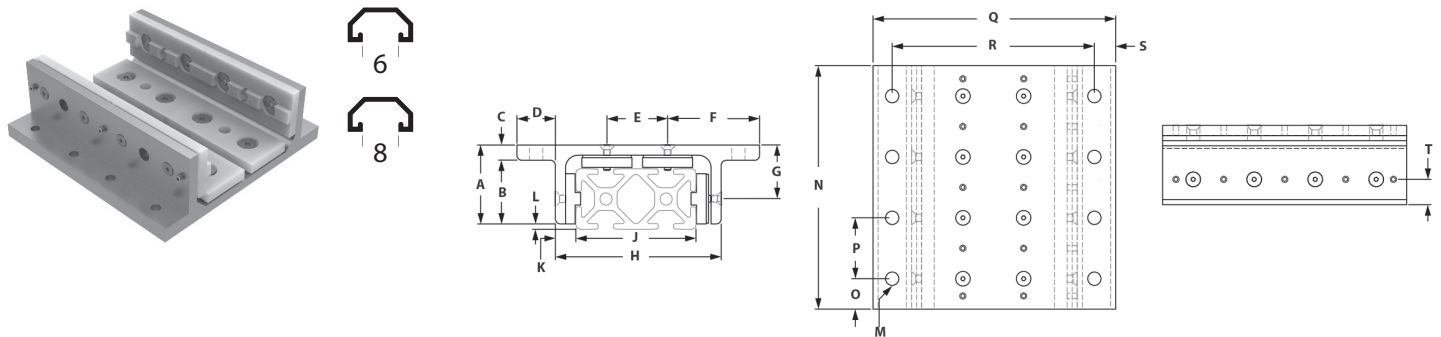
Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
<b>L63331</b>	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.25	.360	3.49	1.88	.438	1.00	.403
<b>L65332</b>	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.475	5.00	2.81	.656	1.50	.620

Brake Prepared Linear Bearings have brake holes at B1, B2, and B3, locations.

## Doublewide Double Flange Linear Bearings - Long

**F** = Fractional **M** = Metric

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Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
<b>L66341</b>	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.00	.438	1.00	4.25	3.49	.360	.403
<b>L68342</b>	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.750	1.50	6.00	5.00	.475	.620

### Brake Prepared Linear Bearings

Part #	Series	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
<b>L63341</b>	10	1.316	1.004	.312	.772	1.00	1.61	.913	2.707	2.00	.306	.097	.257	4.00	.438	1.00	4.25	3.49	.360	.403
<b>L65342</b>	15	1.943	1.568	.375	.950	1.50	2.25	1.323	4.10	3.00	.490	.130	.328	6.00	.750	1.50	6.00	5.00	.475	.620

Brake Prepared Linear Bearings have brake holes at B1, B2, B3, B4, B5, and B6 locations.

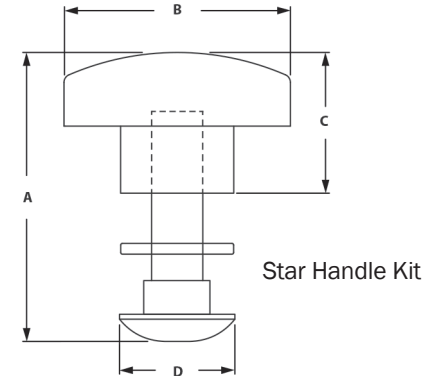
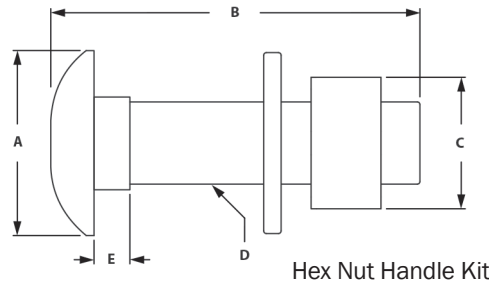
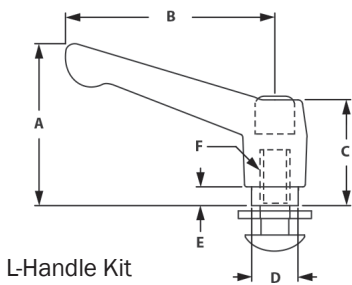
# Linear Motion

## Linear Bearing Brake Handle Kits

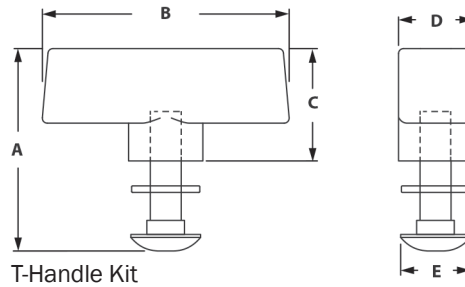
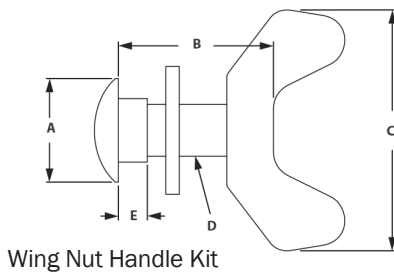
**F** = Fractional **M** = Metric



Part #	Series	Description	A	B	C	D	E	F
L68501	10	L-Handle Linear Bearing Brake Handle	1.380	1.770	.960	.390	1.60	1/4-20
L68511	10	Hex Nut Linear Bearing Brake Handle	.500	.865	.438	1/4-20	.150	N/A
L68521	10	Wing Nut Linear Bearing Brake Handle	.500	.865	1.158	1/4-20	.150	N/A
L68002	15/40	L-Handle Linear Bearing Brake Handle	2.170	3.070	1.420	.630	.310	5/16-18
L68012	15	T-Handle Linear Bearing Brake Handle	2.036	2.491	1.130	.750	.703	N/A
L68022	15	Star-Handle Linear Bearing Brake Handle	1.766	1.380	.860	.703	N/A	N/A
L68032	15	Hex Nut Linear Bearing Brake Handle	.704	1.416	.563	5/16-18	.172	N/A
L68042	15	Wing Nut Linear Bearing Brake Handle	.703	1.416	1.375	5/16-18	.150	N/A
L68013	40	T-Handle Linear Bearing Brake Handle	2.036	2.491	1.130	.750	.703	N/A
L68023	40	Star-Handle Linear Bearing Brake Handle	1.766	1.380	.860	.703	N/A	N/A

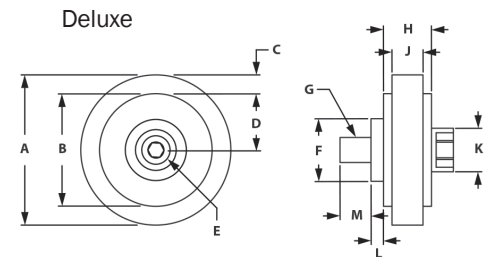
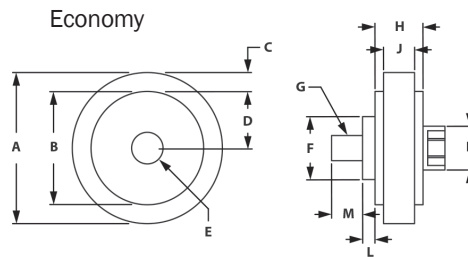
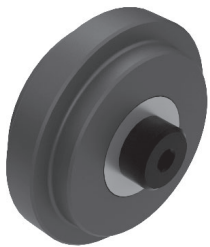


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## Black Nylon Roller Wheels

**F** = Fractional **M** = Metric

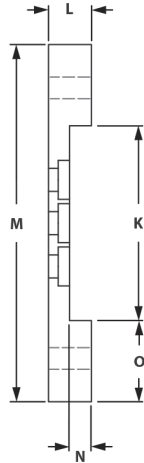
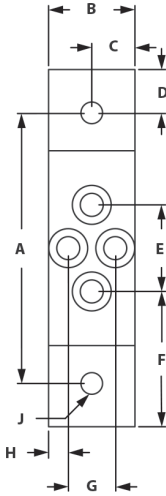
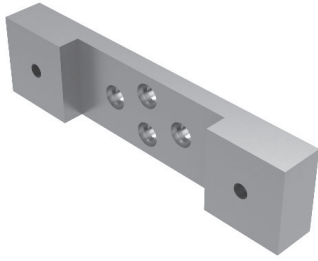


Part #	Series	Description	A	B	C	D	E	F	G	H	J	K	L	M	Load
L22811	10	Economy Roller Wheel	1.50	1.125	.188	.563	.314	.625	1/4-20	.480	.240	.435	.125	.310	50 lbs
L22821	10 to 15	Economy Roller Wheel	2.00	1.625	.188	.812	.375	.750	5/16-18	.720	.310	.562	.125	.375	75 lbs
L22902	15	Economy Roller Wheel	2.00	1.125	.188	.563	.314	.625	1/4-20	.480	.310	.435	.125	.310	75 lbs
L22802	15	Deluxe Roller Wheel	2.00	1.625	.188	.812	.375	.750	5/16-18	.720	.310	.562	.125	.375	100 lbs

Fasteners Included

## Roller Wheel Brackets

**U** = Universal    **F** = Fractional    **M** = Metric



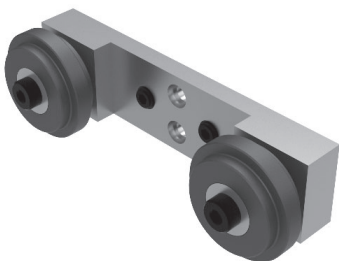
Part #	Series	Description	A	B	C	D	E	F	G	H
L27501	10	E1010 Roller Wheel Bracket	2.125	1.00	.500	.500	.669	1.228	.544	.228
L27511	10	E1010 Roller Wheel Bracket w/ L22811	2.125	1.00	.500	.500	.669	1.228	.544	.228
L27521	10	E1020 Roller Wheel Bracket	3.125	1.00	.500	.500	1.00	1.562	.544	.228
L27531	10	E1020 Roller Wheel Bracket w/ L22811	3.125	1.00	.500	.500	1.00	1.562	.544	.228
L27542	15	Roller Wheel Bracket	3.125	1.50	.750	.750	.860	1.883	.735	.383
L27552	15	Roller Wheel Bracket w/ L22802	3.125	1.50	.750	.750	.860	1.883	.735	.383
L27562	15	Roller Wheel Bracket w/ L22902	3.125	1.50	.750	.750	.860	1.883	.735	.383
L27572	15	Roller Wheel Bracket	4.625	1.50	.750	.750	1.50	2.313	.735	.383
L27582	15	E1530 Roller Wheel Bracket w/ L22802	4.625	1.50	.750	.750	1.50	2.313	.735	.383
L27592	15	E1530 Roller Wheel Bracket w/ L22902	4.625	1.50	.750	.750	1.50	2.313	.735	.383

	J	K	L	M	N	O
1/4-20	1.25	.500	3.125	.255	.938	
1/4-20	1.25	.500	3.125	.255	.938	
1/4-20	2.25	.500	4.125	.255	.938	
1/4-20	2.25	.500	4.125	.255	.938	
5/16-18	1.75	.750	4.625	.390	1.438	
5/16-18	1.75	.750	4.625	.390	1.438	
5/16-18	1.75	.750	4.625	.390	1.438	
5/16-18	3.25	.750	6.125	.390	1.438	
5/16-18	3.25	.750	6.125	.390	1.438	
5/16-18	3.25	.750	6.125	.390	1.438	

8

## Roller Wheel Brackets & Assemblies

**U** = Universal    **F** = Fractional    **M** = Metric



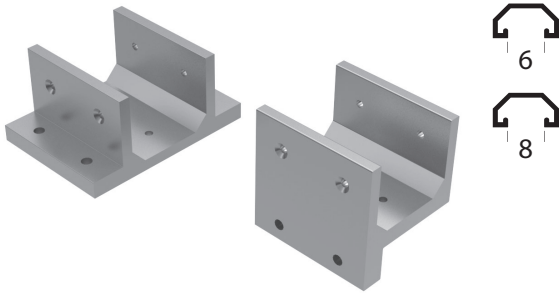
INDIVIDUAL PART NUMBER

ASSEMBLY PART #	L27501	L27521	L27542	L27572	L22811	L22802	L22902
L27511	1				2		
L27531		1			2		
L27552			1			2	
L27582				1		2	
L27562			1				2
L27592				1			2

# Linear Motion

## Linear Bearing Machining Services

**F** = Fractional    **M** = Metric



Part #	Description	Use For
<b>M74011</b>	Brake Machining Service (.281 Hole)	<b>10S</b>
<b>M74002</b>	Brake Machining Service (.328 Hole)	<b>15S</b>

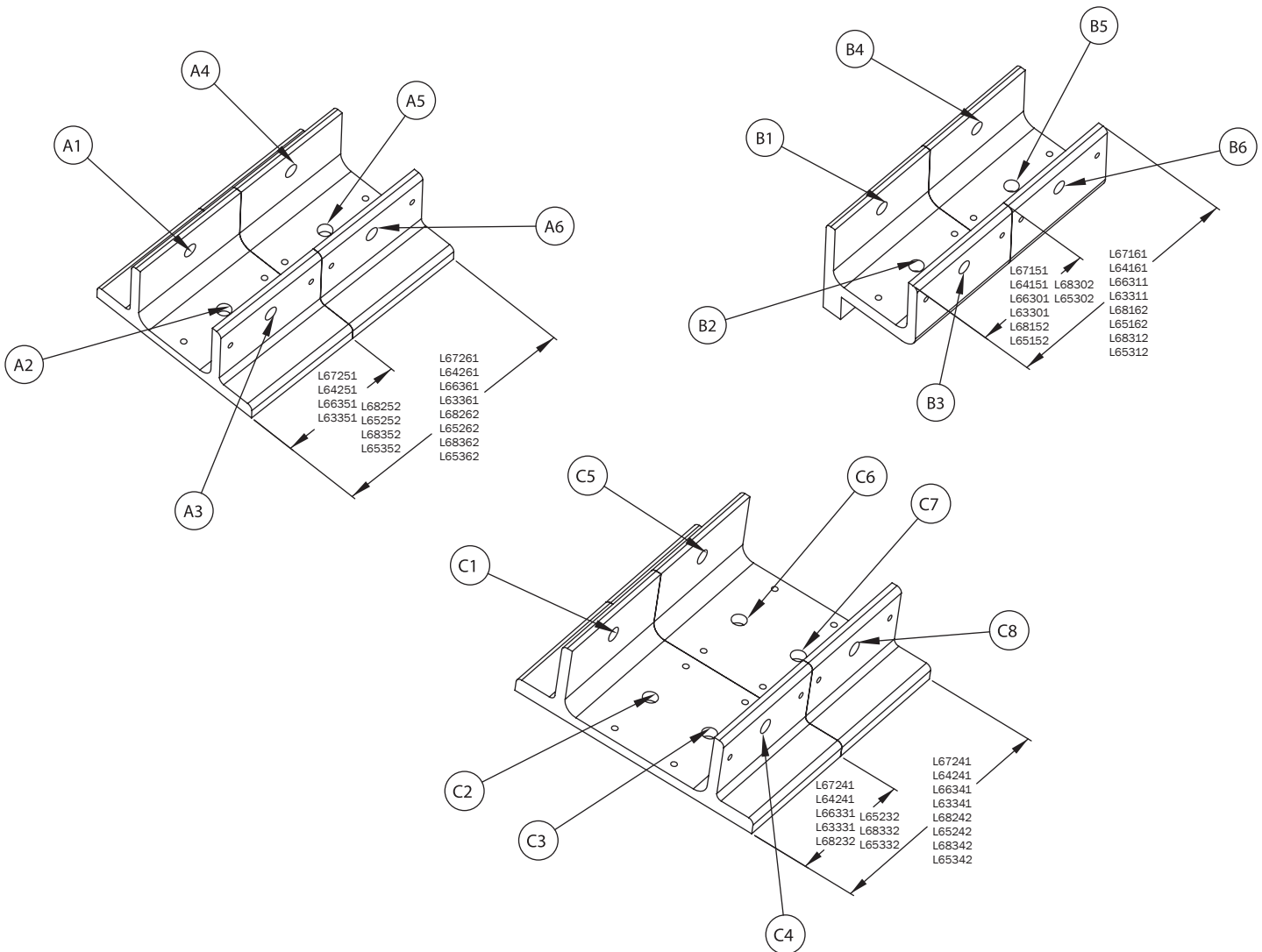
To order linear bearing machining services, specify the linear bearing, the machining service, and the brake hole location.

**Example - L68322 - M74002 @ A4**

- We recommend using Linear Brakes on the side without the set screw if possible.
- Refer to linear bearing drawings for dimensions.

When ordering linear bearing machining services, make sure the linear bearing and the machining service are both the same series.

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## Section 9

# Tools

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In this section, you will find the tools necessary to create and assemble your PARCO kit. Along with multiple wrenches, combo tools, and cheater pipes, we provide the counterbore cutters, access hole drill bits, taps, and jigs for machining your own extrusion.

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Ball End Fold Out  
Tool



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Ball Driver &  
L-Wrench Tool Set



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Ball End L-Hex  
Wrench



Page 270

Cheater Pipe



Page 270

T Handle Ball End  
Hex Wrench



Page 271

Anchor Fastener  
Counterbore  
Cutter



Page 271

Access Hole  
Drill Bits



Page 271

Access Hole  
Drill Jigs



Page 271



## Ball End Fold Out Tool

**F** = Fractional **M** = Metric

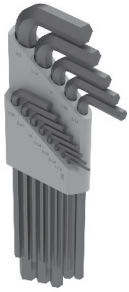


- Ball point allows access to hard to reach screws
- Fractional - yellow case, Metric - red case
- Self-contained tool eliminates lost keys

Part #	Series	Head Type	Included Tool Head Sizes
<b>T60869ZM</b>	Metric	Ball End	5mm, 6mm, 7mm, 8mm, 10mm
<b>T60879</b>	Fractional	Ball End	3/16", 7/32", 1/4", 5/16", 3/8"

## Ball Driver & L-Wrench Tool Set

**F** = Fractional **M** = Metric



Part #	Series	Head Type	Included Tool Head Sizes
<b>T61069M</b>	Metric	Ball End	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm
<b>T61119</b>	Fractional	Ball End	.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

- Ball point allows access to hard to reach screws
- Fractional - yellow case, Metric - red case

## Ball End L-Hex Wrench

**F** = Fractional **M** = Metric

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- Ball end for off axis rotation
- Long arm for maximum torque
- Allows for angle entry up to 25°

Part #	Series	Tool Head Size
<b>T61009</b>	Fractional	5/32"
<b>T60109</b>	Fractional	3/16"
<b>T60409</b>	Fractional	1/4"
<b>T60979M</b>	Metric	M4
<b>T60989M</b>	Metric	M5
<b>T60999M</b>	Metric	M6

## Cheater Pipe

**F** = Fractional **M** = Metric



- Gives extra torque in hard to reach spots
- Use with a ball end "L" Hex wrench
- Fits over the end of a 1/4" hex wrench

Part #	Series	Description
<b>T60059</b>	Fractional	Cheater Pipe

## T-Handle Ball End Hex Wrenches

**F** = Fractional    **M** = Metric



- Cushion grip for maximum torque
- 10" long arm for hard to reach areas
- Allows for angle entry up to 25°

Part #	Series	Tool Head Size
<b>T60009</b>	Fractional	3/16"
<b>T60309</b>	Fractional	1/4"
<b>T61109</b>	Fractional	5/32"
<b>T61079M</b>	Metric	M4
<b>T61089M</b>	Metric	M5
<b>T61099M</b>	Metric	M6

## Anchor Fastener Counterbore Cutters

**F** = Fractional    **M** = Metric



- Two flute style single end
- High speed steel square end mill
- Allows you to make your own counterbores

Part #	Series	Mill Diameter
<b>T60609</b>	15/40	20mm
<b>T61609</b>	10	9/16"

## Access Hole Drill Bits

**F** = Fractional    **M** = Metric



- Two flute style single end
- High speed steel square end mill
- Allows you to make your own counterbores

Part #	Series	Bit Size
<b>T61159</b>	10	.218 x 2.30"
<b>T60709</b>	15	.295 x 2.68"

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## Access Hole Drill Jigs

**F** = Fractional    **M** = Metric



- Locates access holes precisely
- Hardened dowel pins prevent rotation
- Replaceable, hardened drill bushings

Part #	Series	Description	Hole Size
<b>T61201</b>	10	Access Hole Drill Jig for 1010	.218
<b>T61311</b>	10	Access Hole Drill Jig 2 for 1020	.218
<b>T61361</b>	10	Access Hole Drill Jig 4 for 2020	.218
<b>T61211</b>	10	Replacement Bushing For 10S	.218
<b>T60752</b>	15	Access Hole Drill Jig for 1515	.296
<b>T61302</b>	15	Access Hole Drill Jig for 1530	.296
<b>T61352</b>	15	Access Hole Drill Jig for 3030	.296
<b>T60762</b>	15	Replacement Bushing For 15S	.296





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## Section 10

# Structural Profiles

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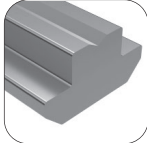



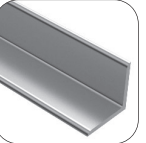

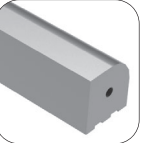
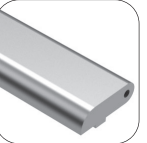

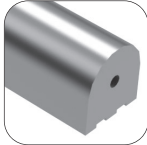

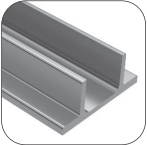
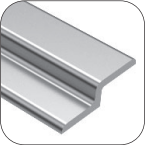
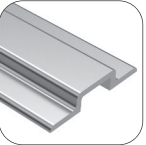
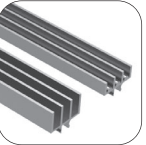
The structural profiles are available in stock lengths in both mill finish and clear anodized, unless otherwise noted. This will allow you to custom machine your own brackets, joining plates, door hinges, and other profiles that are not included in this catalog.

If you prefer, we can custom machine any of the profiles in this section that are needed to complete your project. If you need a custom part, just fax or email your drawing and we will create the part to match your print.

**WHEN ORDERING STRUCTURAL PROFILES OR CUSTOM MACHINED PARTS, CONSIDER THE FOLLOWING:**

1. Include the item number of the part you are ordering.
2. Specify your length of extruded profile in inches, millimeters, and decimals.
3. Include a cut charge for any length under stock length.
4. Remember, if you need a custom machined part, send us your drawing for a quote.

# Pictorial Table of Contents

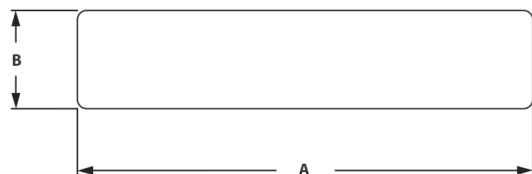
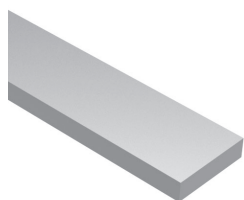
Flat Stock	Fastener Profile	Aluminum Tube	Steel Tube	Solid Steel Round	Angles	45° Gusset Profile	Right Angle Nub Profile	Hinge Profile
								
Page 276	Page 276	Page 277	Page 277	Page 277	Page 278	Page 278	Page 279	Page 279
Panel Mount Profile	Pivot Nub Profile	Single Flange Bearing Profile	Double Flange Bearing Profile	Retainer Angles	Double Retainer Angles	Door Slide Tracks		
								
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# Structural Profiles

## Flat Stock

**F** = Fractional    **M** = Metric

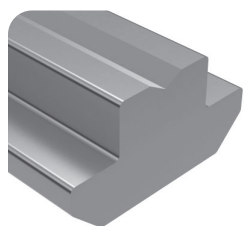


Anodized	Mill Finish	A	B	Stock Length
P83039	P83049	.875	.188	144"
P83079	P83089	1	.188	144"
P83109	P83119	1	.25	144"
P83159	P83169	1	.50	144"
P83209	P83219	1.49	.25	144"
P83229	P83239	1.5	.50	144"
P83259	P83269	1.5	.75	144"
P83309	P83319	2	.188	144"
P83279	P83289	2	.50	144"
P87039	P87049	2.060	2.060	144"
P83379	P83389	2.5	.50	144"
P83359	P83369	3	.188	144"
P83409	P83419	3	.25	144"
P83459	P83469	3	.75	144"
P87139	P87149	3.060	1.510	144"
P83609	P83619	4	.188	144"
P83659	P83669	4	.25	144"
P83709	P83719	4	.75	144"
P84059	P84069	4	2	144"
P83859	P83869	6	.25	144"
P83909	P83919	6	.375	144"

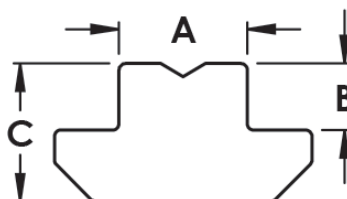
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## Fastener Profile

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C
P131996	45	9.8mm	5.1mm	10.6mm



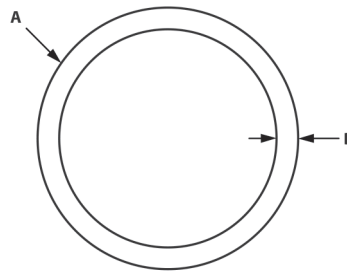
# Structural Profiles

## Aluminum Tube

**F** = Fractional    **M** = Metric



Anodized	Mill Finish	A	B	Stock Length
P50359	P50369	1	.125	144
P50409	P50419	1.5	.125	144
P50459	P50469	2	.125	144

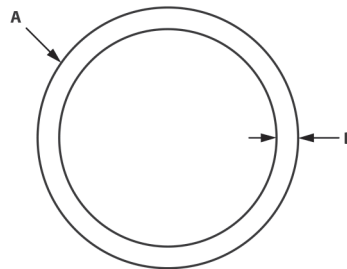


## Steel Tube

**F** = Fractional    **M** = Metric

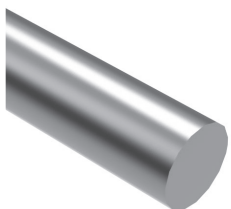


Part #	A	B	Stock Length
P50059	1	.125	144
P50159	1.5	.125	144
P50259	2	.125	144

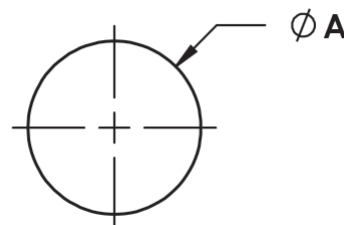


## Solid Steel Round

**F** = Fractional    **M** = Metric



Part #	A	Stock Length
P50109	1	144
P50209	1.5	144
P50309	2	144



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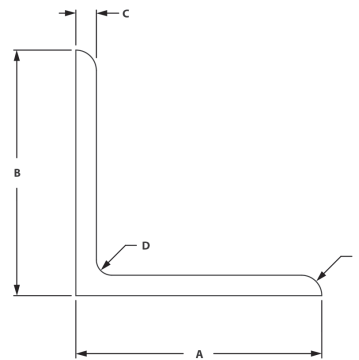
# Structural Profiles

## Angles

**F** = Fractional    **M** = Metric



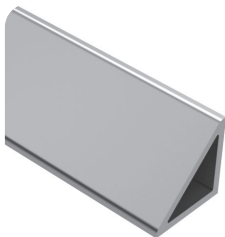
Anodized	Mill Finish	A	B	C	D	E	Stock Length
P82109	P82119	1	1	.125	.125	.028	150"
P82179	P82189	1	1	.188	.125	.188	150"
P82129	P82139	1	2	.188	.125	.188	144"
P82159	P82169	1.5	1.5	.188	.088	.125	150"
P82209	P82219	1.5	1.5	.250	.312	.250	150"
P82309	P82319	1.5	3	.250	.312	.250	120"
P82229	P82239	2	2	.188	.125	.188	150"
P82259	P82269	2.5	2.5	.188	.250	.125	150"
P82329	P82339	3	3	.188	.125	.125	150"
P82359	P82369	3	3	.250	.312	.250	150"
P82409	P82419	4.5	4.5	.250	.312	.250	150"
P84159	P84169	5	2	.250			120"



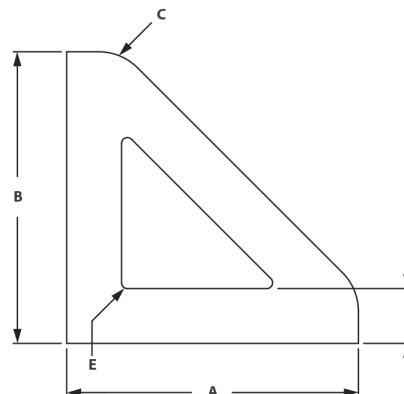
## 45° Gusset Profile

**F** = Fractional    **M** = Metric

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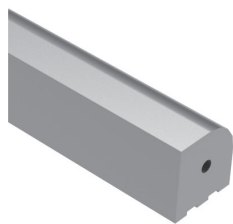


Anodized	Mill Finish	A	B	C	D	E	Stock Length
P86209	P86219	1	1	.188	.188	1.88	120"
P86309	P86319	1.5	1.5	.250	.250	.250	120"
P86259	P86269	2	2	.188	.188	.188	120"
P86359	P86369	3	3	.250	.250	.250	120"

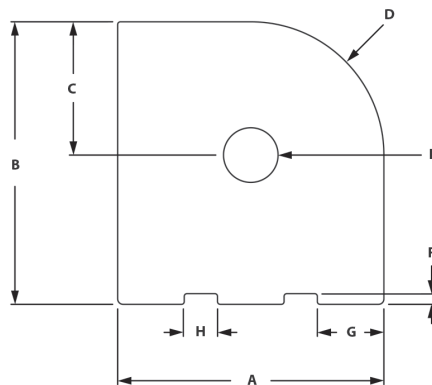


## Right Angle Nub Profile

**F** = Fractional **M** = Metric

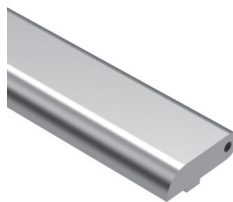


Anodized	Mill Finish	A	B	C	D	E	F	G	H	Stock Length
P84459	P84469	1	1.06	.500	.500	.205	.040	.250	.125	120"
P84489	P84499	1.5	1.60	.750	.750	.265	.080	.314	.279	120"

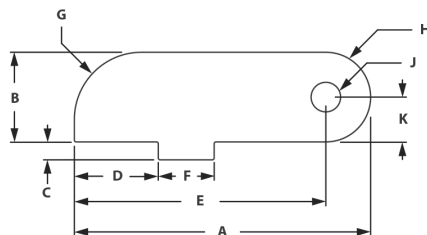


## Hinge Profile

**F** = Fractional **M** = Metric

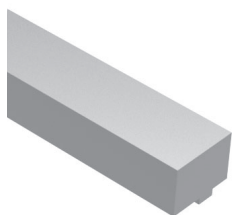


Anodized	Mill Finish	A	B	C	D	E	F	G	H	J	K	Stock Length
P85509	P85519	1.156	.500	.060	.252	.906	.249	.375	.250	.180	.250	120"
P85559	P85569	1.655	.500	.100	.469	1.405	.312	.375	.250	.180	.250	120"

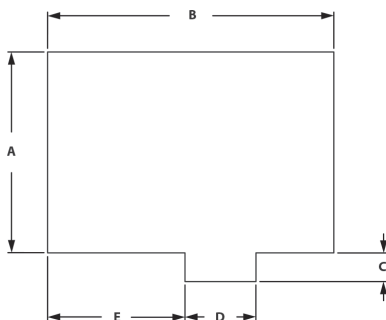


## Panel Mount Profile

**F** = Fractional **M** = Metric



Anodized	Mill Finish	A	B	C	D	E	Stock Length
P85679	P85689	.700	.812	.050	.247	.373	120"
P85659	P85669	.875	1.25	.125	.310	.600	120"

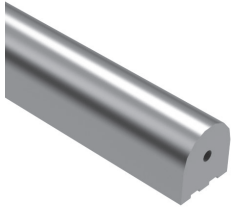


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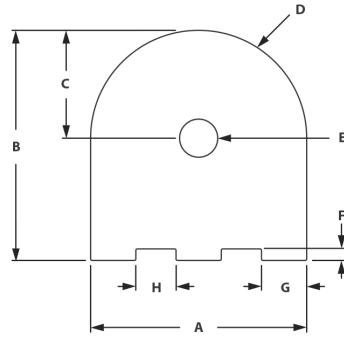
# Structural Profiles

## Pivot Nub Profile

**F** = Fractional    **M** = Metric

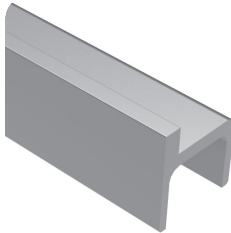


Anodized	Mill Finish	A	B	C	D	E	F	G	H	Stock Length
P85479	P85489	1	1.06	.500	.500	.205	.040	.250	.125	120"
P85459	P85469	1.5	1.60	.750	.750	.265	.080	.314	.279	120"



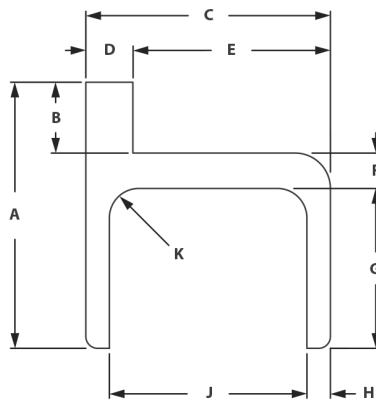
## Single Flange Bearing Profile

**F** = Fractional    **M** = Metric



Anodized	Mill Finish	A	B	C	D	E	F	G	H	J	K	Stock Length
P86109*	P86119*	2.16	.750	1.701	.312	1.389	.250	1.16	.156	1.389	.250	120"
P85129	P85139	2.818	.750	2.60	.500	2.10	.375	1.693	.250	2.10	.312	120"

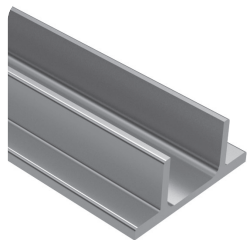
\*10 Series compatible



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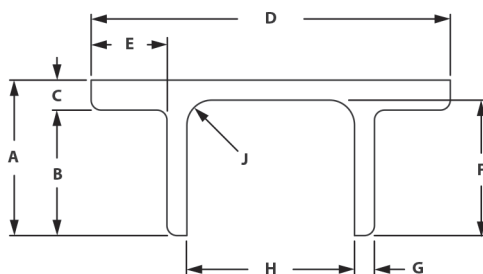
## Double Flange Bearing Profile

**F** = Fractional    **M** = Metric



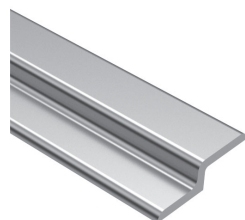
Anodized	Mill Finish	A	B	C	D	E	F	G	H	J	Stock Length
P85259*	P85269*	1.316	1.004	.312	3.26	.780	1.16	.156	1.389	.125	120"
P85279*	P85289*	1.316	1.004	.312	4.25	.772	1.16	.156	2.395	.125	120"
P85359	P85369	1.943	1.568	.375	4.50	.950	1.693	.250	2.100	.312	120"
P85409	P85419	1.943	1.568	.375	6.00	.950	1.693	.250	3.600	.312	120"

\*10 Series compatible



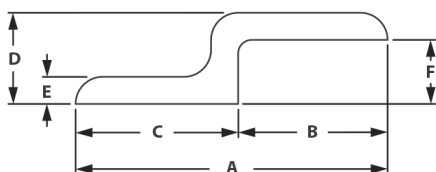
## Retainer Angles

**F** = Fractional    **M** = Metric



Anodized	Mill Finish	A	B	C	D	E	F	Stock Length
P85159*	P85169*	1.938	.938	1.00	.563	.188	.375	120"
P85109	P85119	2.879	1.379	1.50	.840	.250	.590	120"

\*10 Series compatible

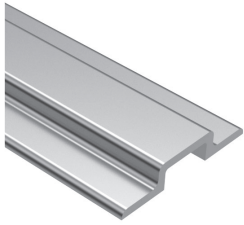


10

# Structural Profiles

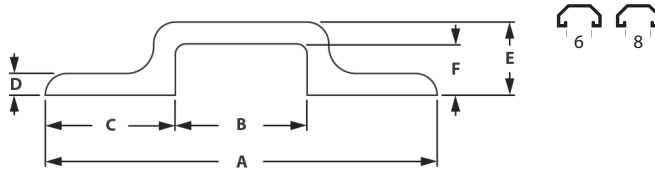
## Double Retainer Angles

**F** = Fractional    **M** = Metric



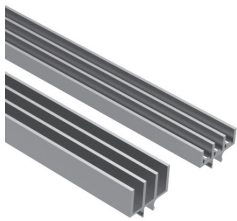
Anodized	Mill Finish	A	B	C	D	E	F	Stock Length
P86109*	P86119*	3.021	1.021	1.00	.188	.563	.375	120"
P85129	P85139	4.520	1.523	1.50	.250	.840	.590	120"

\*10 Series compatible



## Door Slide Tracks

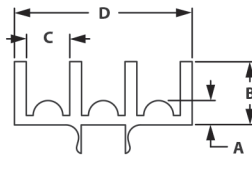
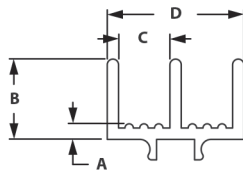
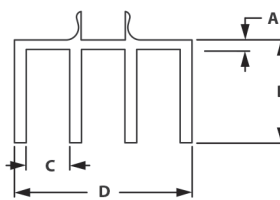
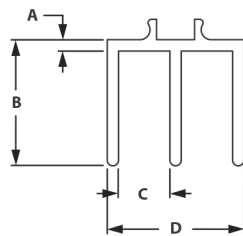
**F** = Fractional    **M** = Metric



Anodized	Series	Track	A	B	C	D	Stock Length
P22119*	10	Upper	.620	.688	.281	.750	12'
P22109	15	Upper	.060	.650	.275	1.125	12'
P22219*	10	Lower	.085	.438	.281	.750	12'
P22209	15	Lower	.154	.400	.275	1.125	12'

10S

15S



10





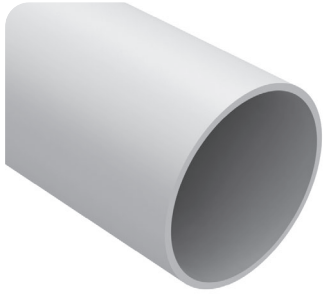


# Kwik Tube Framing System

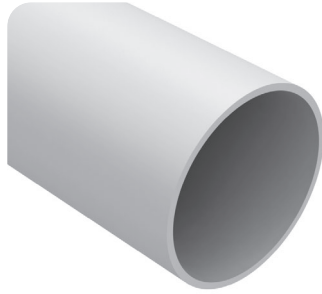
Benefits:

- Economical solutions for lean manufacturing
- Components compatible with industry 28mm diameter tubing
- Stock lengths available in 2M and 4M bars
- Gravity roller tracks

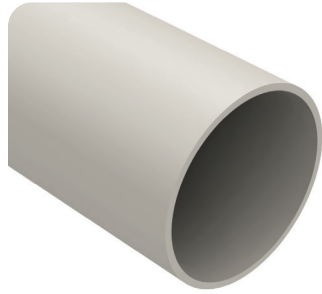




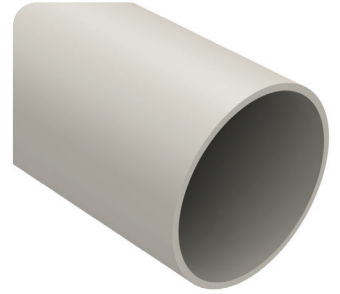
KTW-2000 - 2M Long  
White 1mm Wall Tube



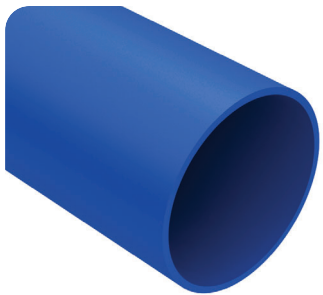
KTW-4000 - 4M Long  
White 1mm Wall Tube



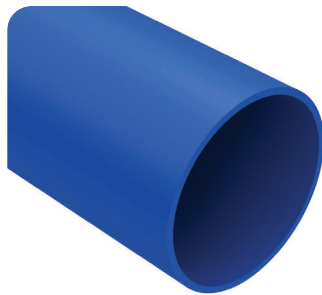
KTI-2000 - 2M Long  
Ivory 1mm Wall Tube



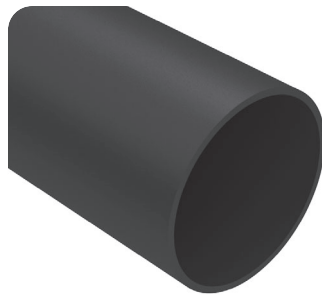
KTI-4000 - 4M Long  
Ivory 1mm Wall Tube



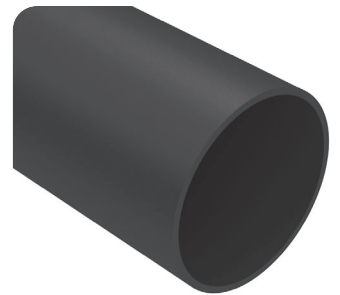
KTB-2000 - 2M Long  
Blue 1mm Wall Tube



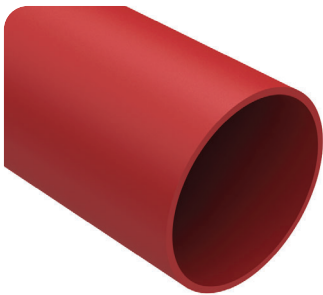
KTB-4000 - 4M Long  
Blue 1mm Wall Tube



KTBL-2000 - 2M Long  
Black 1mm Wall Tube



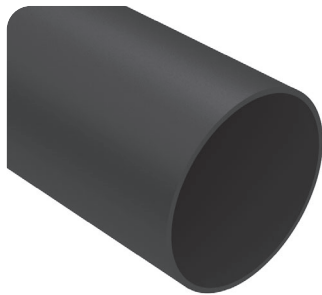
KTBL-4000 - 4M Long  
Black 1mm Wall Tube



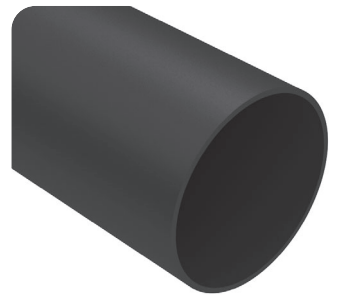
KTR-2000 - 2M Long  
Red 1mm Wall Tube



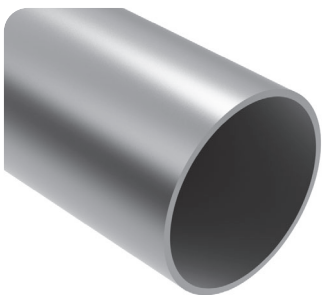
KTR-4000 - 4M Long  
Red 1mm Wall Tube



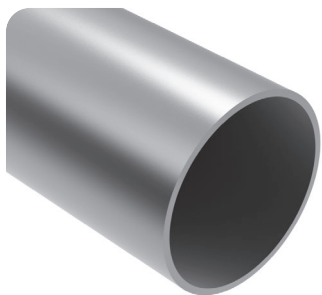
KTESD - 2M Long  
Black 0.8mm Wall Tube



KTESD - 4M Long  
Black 0.8mm Wall Tube



KTS-2000 - 2M Long  
Stainless 0.8mm  
Wall Tube



KTS-4000 - 4M Long  
Stainless 0.8mm  
Wall Tube

11



KF-1 - Black Tee Joint Assembly



KF-2 - Black Corner Joint Assembly



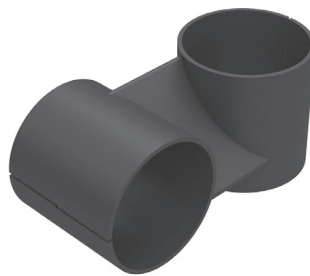
KF-3 - Black 3 Way Cross Joint Assembly



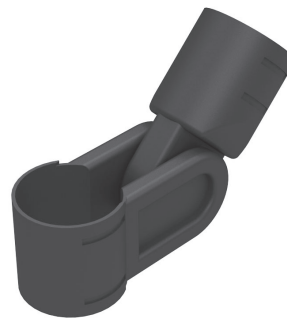
KF-4 - Black 4 Way Cross Joint Assembly



KF-5 - Black 5 Way Cross Joint Assembly



KF-6 - Black Intersection Joint Assembly



KF-7 - Black Pivot Tee Joint Assembly



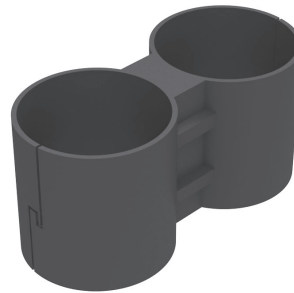
KF-8 - Black Parallel Hinge Joint Assembly



KF-9 - Black 45° Fix Angle Joint Assembly



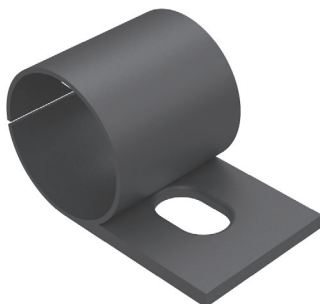
KF-10 - Black Tee Hinge Joint Assembly



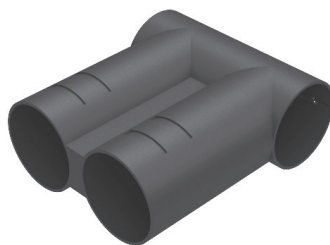
KF-11 - Black Parallel Joint Assembly



KF-12 - Black Double Pivot Joint Assembly



KF-13 - Black Flat Clamp Joint Assembly



KF-14 - Black Double Tee Joint Assembly



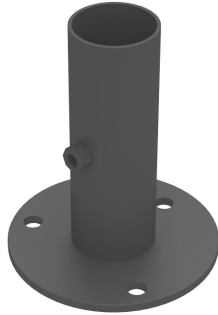
KF-15 - Black 90° Elbow Joint Assembly



KF-16 - Black Heavy Duty Caster Splint



KF-17 - Black Foot Bracket



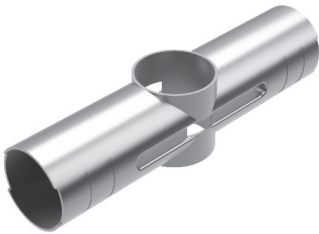
KF-18 - Black Fixed Base Foot



KFC-1 - Chrome Plated Tee Joint Assembly



KFC-2 - Chrome Plated Corner Joint Assembly



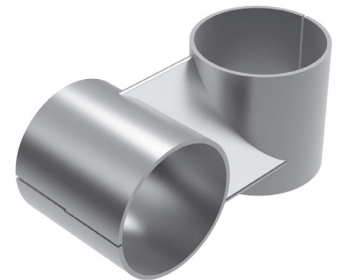
KFC-3 - Chrome Plated 3 Way Cross Joint Assembly



KFC-4 - Chrome Plated 4 Way Cross Joint Assembly



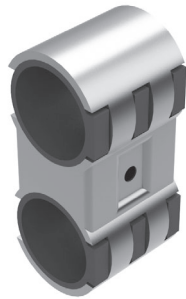
KFC-5 - Chrome Plated 5 Way Cross Joint Assembly



KFC-6 - Chrome Plated Intersection Joint Assembly



KFC-7 - Chrome Plated Pivot Tee Joint Assembly



KFC-8 - Chrome Plated Parallel Hinge Joint Assembly



KFC-9 - Chrome Plated 45° Fix Angle Joint Assembly



KFC-10 - Chrome Plated Tee Hinge Joint Assembly

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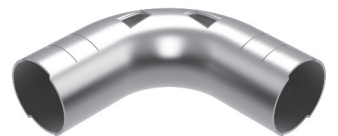
KFC-11 - Chrome Plated Parallel Joint Assembly



KFC-12 - Chrome Plated Double Pivot Joint Assembly



KFC-13 - Chrome Plated Flat Clamp Joint Assembly

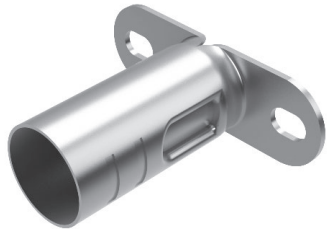


KFC-15 - Chrome Plated 90° Elbow Joint Assembly





KFC-16 - Chrome Plated Heavy Duty Caster Splint



KFC-17 - Chrome Plated Foot Bracket



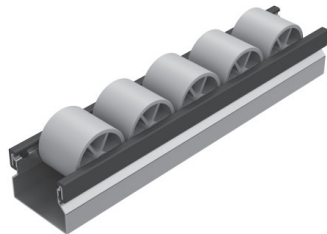
KFC-18 - Chrome Plated Fixed Foot Base



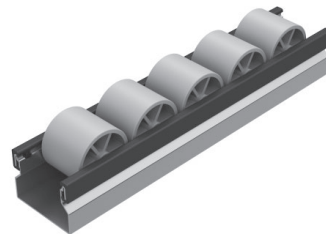
KF-19 - Replacement Slide Insert



KF-20 - Black 28mm End Cap for Tubing



KRT-2000 - Roller Track Profile - 2000mm Lg.



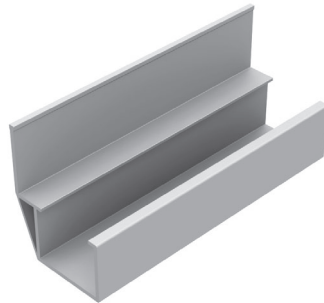
KRT-4500 - Roller Track Profile - 4500mm Lg.



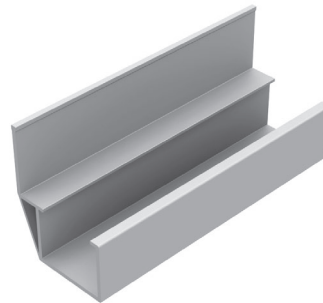
KRTF-2000 - Roller Track Profile - 2000mm Lg.



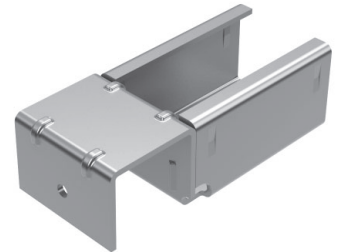
KRTF-4500 - Roller Track Profile - 4500mm Lg.



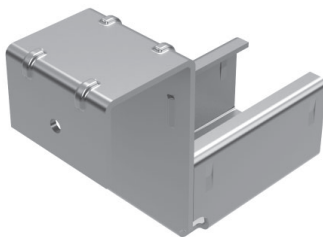
KGR-2000 - Guide Rail Lateral 32 - 2000mm Lg.



KGR-4500 - Guide Rail Lateral 32 - 4500mm Lg.



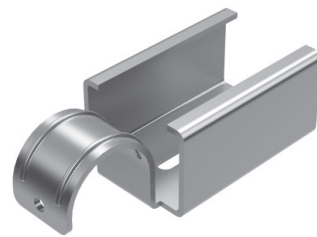
KHB-1 - Holding Bracket for ST R28 Roller Track



KHB-2 - Holding Bracket with Stop for ST R28 Roller Track



KHB-3 - Variable Holding Outer Bracket for ST R28 Roller Track



KHB-4 - Variable Holding Inner Bracket for ST R28 Roller Track.



KHB-5 - Mounting Bracket for ST R28 Roller Track





## Section 12

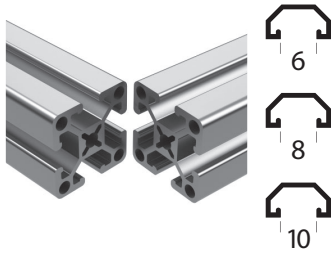
# Machining Services

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Machining your PARCO extrusion is an alternate way of assembling your project. Rather than using brackets and joining plates, you can have PARCO machine all of your extrusion for quick assembly in your kit projects.

## Cut To Length

**F** = Fractional    **M** = Metric



- Tolerance on cuts is +/- .015"
- Squareness of cut is .002" per inch max

### ORDERING NOTE:

Cut to length requirements should be described by specifying:

1. The extrusion part number, pieces, and length
2. The number of pieces
3. The machining service number.
4. The length of the extrusion

Part #	Series	Extrusion Type
<b>M70051</b>	10	E1001S, E1002S, E1003S, E1004S, E1010G/S, E1012S
<b>M70001</b>	10	E1020G/S
<b>M70121</b>	10	E2020G/S
<b>M70031</b>	10	E1030G/S
<b>M70131</b>	10	E2040S
<b>M70102</b>	15	E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S
<b>M70202</b>	15	E1530G/S, E1530LG/LS
<b>M70212</b>	15	E1545S
<b>M70302</b>	15	E3030G/s, E3030LG, E40-8080
<b>M70232</b>	15	E3060S
<b>M70105</b>	30	E30-3030, E30-3060-R, E30-3030-WG30, E30-3030EG40, E30-3030-2S, E30-30302SA
<b>M70205</b>	30	E30-3060
<b>M70103</b>	40	E40-4002, E40-4004, E40-4040, E40-4040L, E40-4040UL
<b>M70203</b>	40	E40-4080, E40-4080L, E40-4080UL
<b>M70303</b>	40	E40-8080
<b>M70106</b>	45	E45-4545, E45-4545-L, E45-4545-R, E45-22.545, E45-4545-2S, E45-4545-2SA, E45-6060
<b>M70206</b>	45	E45-4590, E4590-L, E45-6090
<b>M70306</b>	45	E45-9090

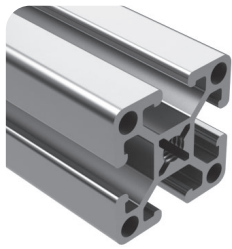
### EXAMPLE:

A project required 8 pieces of 1.5" x 1.5", cut to a length of 60" each. These profiles would be ordered as follows:

Part #	Qty	Machining Service Number	Length
<b>E1515S</b>	8		60"
	8	M70102 Cut to Length 1.5" x 1.5"	

## Tap Profile End

**F** = Fractional    **M** = Metric



This machining service provides one or more tapped holes to your extrusion ends. End tap holes are required for the following fastening and accessories when using extrusion end:

- End Fastener Assembly
- Leveling Feet
- Base Plates
- Anchor Plates
- Caster Mounting Plates
- Pressure Manifold Plates
- Casters

### ORDERING NOTE:

Cut to length requirements should be described by specifying:

1. The extrusion part number or description
2. The number of pieces
3. The length of the extrusion
4. The end(s) at which the tapped hole is required
5. The machining service number

### EXAMPLE:

A project required 8 pieces of 1.5" x 1.5" smooth, cut to a length of 60" each with end taps on both sides. These profiles would be ordered as follows:

Part #	Series	Tap	# of Taps	For
M70611	10	1/4-20		E1001S, E1002S, E1003S, E1004, E1010G/S, E1012S
M70631	10	M6 x 1.00		E1001S, E1002S, E1003S, E1004, E1010G/S, E1012S
M70461	10	1/4-20		E1020G/S
M70471	10	M6 x 1.00		E1020G/S
M70641	10	1/4-20		E2020G/S
M70671	10	M6 x 1.00		E2020G/S
M70361	10	1/4-20		E1030S
M70371	10	M6 x 1.00		E1030S
M70381	10	1/4-20		E2040S
M70391	10	M6 x 1.00		E2040S
M70602	15	5/16-18		E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S
M70592	15/40	M8 x 1.25		E1501S, E1502S, E1502S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S, E40-4002, E40-4004, E40-4040, E40-4040L, E40-4040VL
M70252	15	3/8-16		E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S
M70542	15	7/16-14		E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S
M70452	15	5/16-18		E1530G/S, E1530LG/LS
M70482	15/40	M8 x 1.25		E1530G/S, E1530LG/LS, E40-4080, E40-4080L, E40-4080UL
M70262	15	5/16-18		E1545S
M70282	15	M8 x 1.25		E1545S
M70552	15	5/16-18		E3030G/S, E3030LG
M70562	15/40	M8 x 1.25		E3030G/S, E3030LG, E40-8080
M70292	15	5/16-18		E3060S
M70312	15	M8 x 1.25		E3060S
M70595	30	M8	1	E30-3030, E30-3060-R, E30-3030-WG30, E30-3030WG40, E3030-2S, E30-30302SA
M70605	30	5/16-18	1	E30-3030, E30-3060-R, E30-3030-WG30, E30-3030WG40, E3030-2S, E30-30302SA
M70485	30	M8	2	E30-3060
M70455	30	5/16-18	2	E30-3060
M70536	45	M12	1	E45-4545, E45-4545L, E45-4545R, E45-22.545, E45-4545-2S, E45-4545-2SA, E45-6060
M70546	45	1/2-13	1	E45-4545, E45-4545L, E45-4545R, E45-22.545, E45-4545-2S, E45-4545-2SA, E45-6060
M70566	45	M16	1	E45-6090
M70556	45	5/8-11	1	E45-6090
M70326	45	M12	2	E45-4590
M70246	45	1/2-13	2	E45-4590
M70366	45	M12	4	E45-9090
M70356	45	1/2-13	4	E45-9090

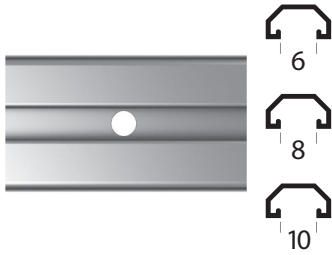
Part #	Qty	Machining Service Number	Length
E1515S	8		60"
	8	M70102 Cut to Length 1.5" x 1.5"	
	16	M70602 5/16-18 Tap Left and Right	

- 1/4-20 Tap is standard for 10 series
- 5/16-18 Tap is standard for 15 series
- M8 Tap is standard for 30 series
- M12 Tap is standard for 45 series

\* Extrusions and machining can also be easily ordered through our online store.

## Drill Access Hole

**F** = Fractional    **M** = Metric

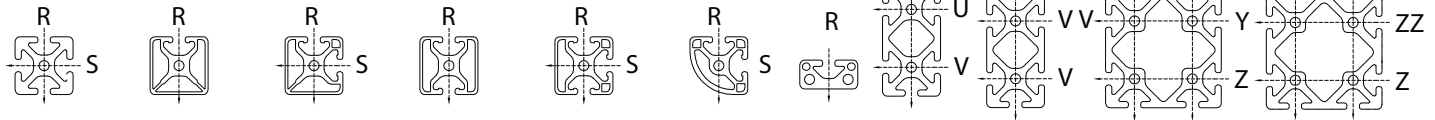


Part #	Series	Description
<b>M70511</b>	10	Single Drill Access Hole .218 through
<b>M70502</b>	15	Single Drill Access Hole .295 through
<b>M70503</b>	40	Single Drill Access Hole .295 through
<b>M72465</b>	30	Single Drill Access Hole 8.30mm through
<b>M72486</b>	45	Single Drill Access Hole 10.00mm through

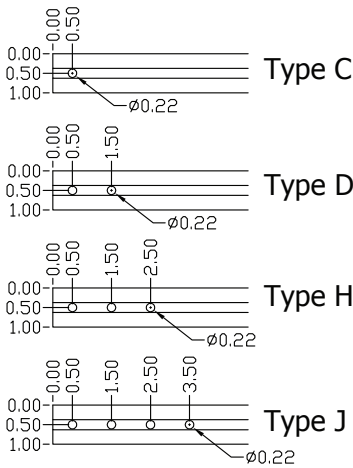
**EXAMPLE:**

You want 2 pieces of 1.5" x 1.5" at 45° to receive Type A access hole pattern at both ends, for attachment of an End Fastener:

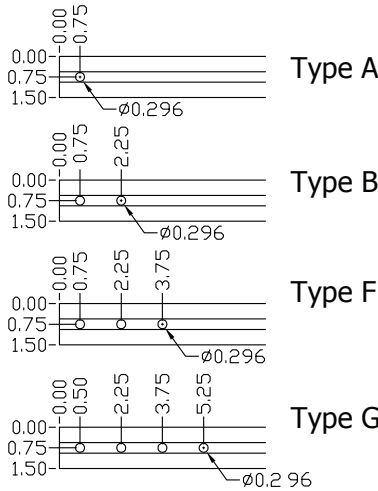
Part #	Qty	Machining Service Number	Length
<b>E1515S</b>	2	M70502 Type A Left; M70502 Type A Right	45"
	2	M70102 Cut to Length 1.5" x 1.5"	
	4	M70502 Access Hole	



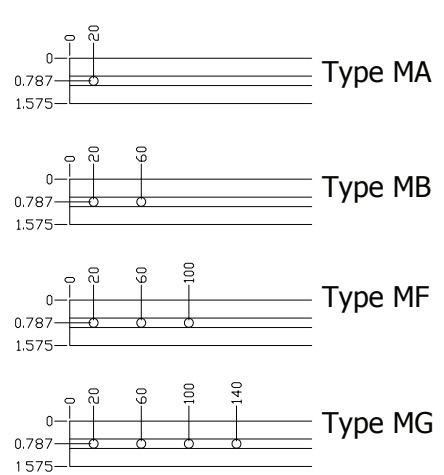
**10 Series**  
M70511



**15 Series**  
M70502



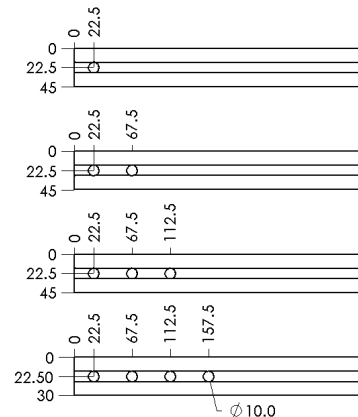
**40 Series**  
M70503



**30 Series**  
M72465

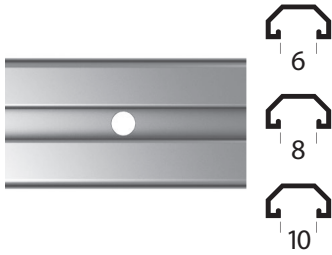


**45 Series**  
M72586

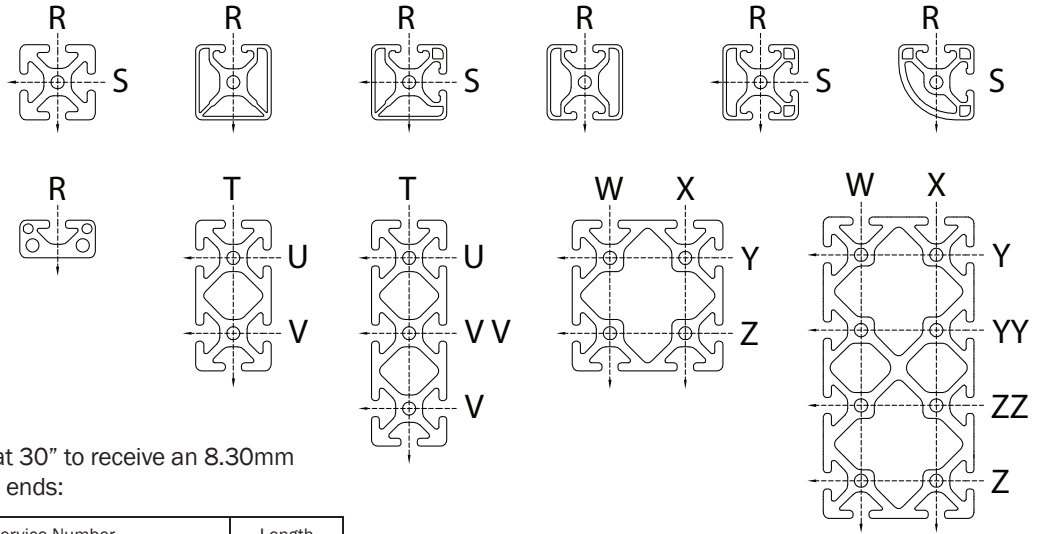


## Clearance Drill Thru For T-Slotted Profiles

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description
<b>M72449</b>	10, 15, 30, 40, 45	Single Clearance Hole .257 (6.50mm) through
<b>M72469</b>	10, 15, 30, 40, 45	Single Clearance Hole .328 ( 8.30mm) through
<b>M72489</b>	10, 15, 30, 40, 45	Single Clearance Hole .437 (11.10mm) through
<b>M72409</b>	10, 15, 30, 40, 45	Single Clearance Hole .563 (14.30mm) through



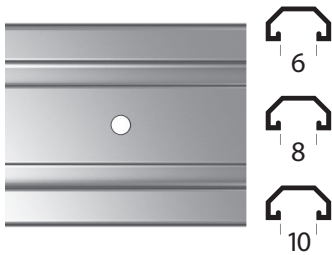
**EXAMPLE:**

You want a piece of 45mm x 45mm at 30" to receive an 8.30mm clearance hole at 22.5mm from both ends:

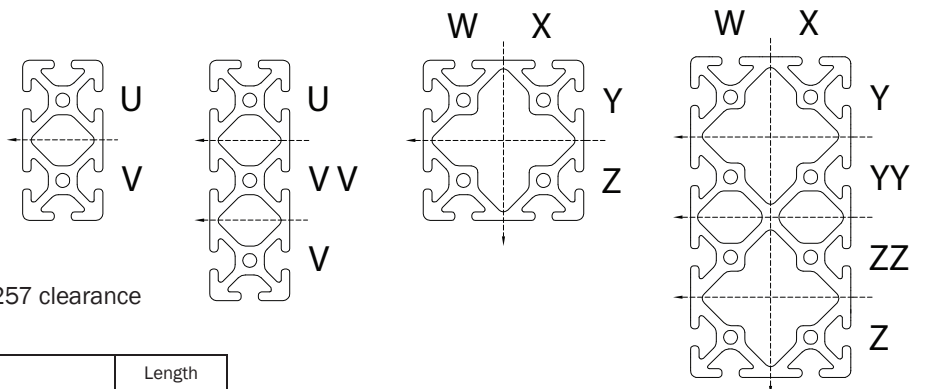
Part #	Qty	Machining Service Number	Length
<b>E45-4545</b>	1	M72469 Type MA IN R Left 22.5mm; M72469 IN R Right @739.5mm	30"
	1	M70106 Cut to Length 45mm x 45mm	
	2	M72469 8.30mm Clearance Hole	

## Clearance Drill Thru For Between Slots

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description
<b>M72419</b>	10, 15, 30, 40, 45	Single Clearance Hole .257 (6.50mm) through
<b>M72439</b>	10, 15, 30, 40, 45	Single Clearance Hole .328 ( 8.30mm) through
<b>M72459</b>	10, 15, 30, 40, 45	Single Clearance Hole .437 (11.10mm) through
<b>M72479</b>	10, 15, 30, 40, 45	Single Clearance Hole .563 (14.30mm) through



**EXAMPLE:**

You want a piece of 3" x 3" at 30" to receive a .257 clearance hole between Y and Z, at 1.75" from left end:

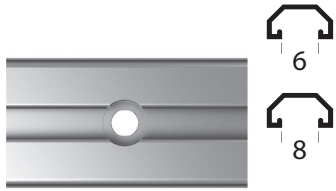
Part #	Qty	Machining Service Number	Length
<b>E3030</b>	1	M72419 between Y and Z @ 1.75" from left end	30"
	1	M70302 Cut to Length 3" x 3"	
	2	M72419 .257 Clearance Hole	

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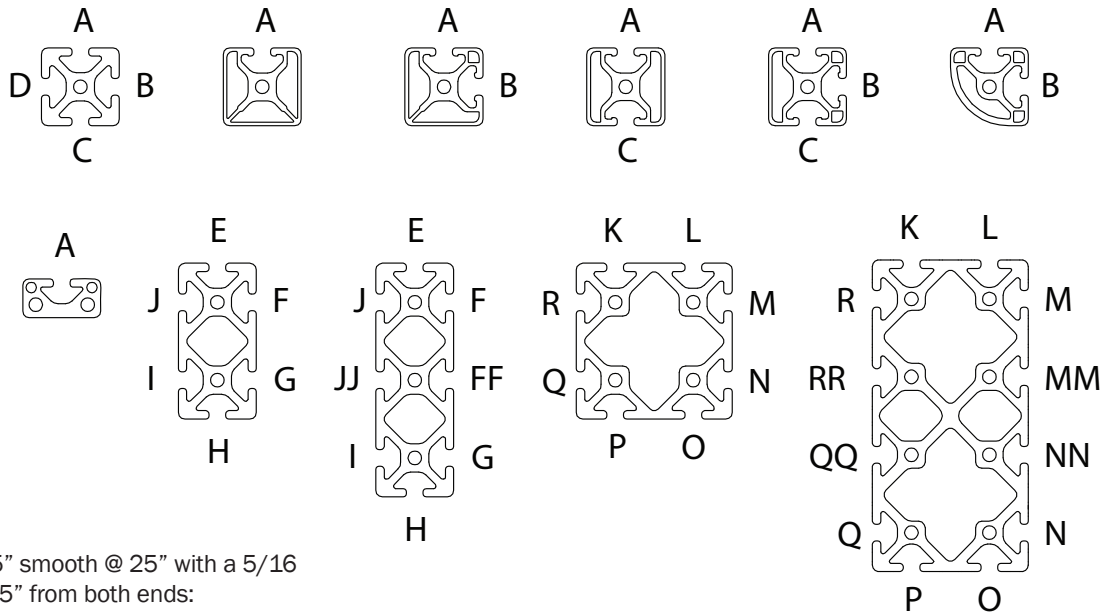


## Counter Bore With Through Hole

**F** = Fractional    **M** = Metric



Part #	Series	Description
<b>M72561</b>	10	.266 Drill Through .438 Spot
<b>M72572</b>	15	.328 Drill Through .531 Spot



**EXAMPLE:**

You want 4 pieces of 1.5" x 1.5" smooth @ 25" with a 5/16 Counterbore through hole @ .75" from both ends:

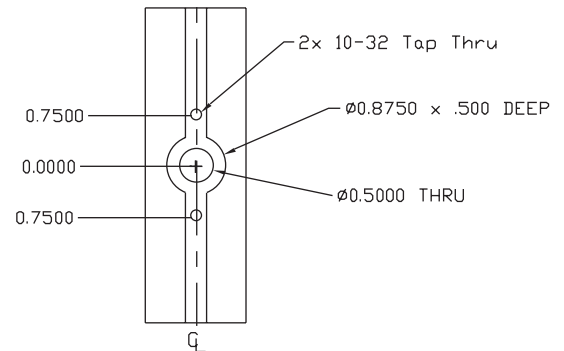
Part #	Qty	Machining Service Number	Length
<b>E1515S</b>	4	M72572 in A Left @ .75"; M72572 in A Right @ 24.25"	30"
	4	M70102 Cut to Length 1.5" x 1.5"	
	8	M72572 15S .328 Drill Through .531 Spot	

## Deluxe Door Handle Milling Service

**F** = Fractional    **M** = Metric



Part #	Series	Description
<b>M73052</b>	15	Deluxe Door Handle Milling Service



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- Milling the extrusion allows the deluxe door handle to be mounted to the T-Slot extrusion.
- Please specify distance from end to handle center.

**EXAMPLE:**

A project requires that a deluxe door handle be used on a 1.5" x 1.5" extrusion. The door handle will be 12" side. The machining service would look as follows:

Part #	Qty	Machining Service Number	Length
<b>E1515</b>	1	M73052 in A @ 12"	24"

**ORDERING NOTE:**

When ordering this service, specify the extrusion to be used and the distance from the end of the extrusion to where the milling should take place.

## Anchor Fastener/Butt Fastening Assembly

**F** = Fractional    **M** = Metric

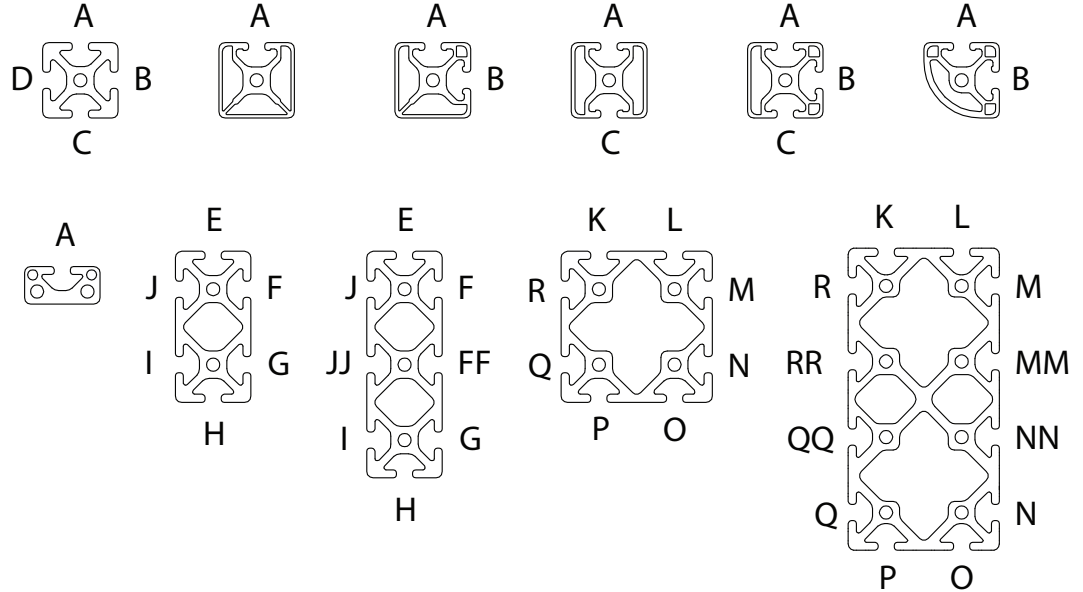


Part #	Series	Description
M70421	10	Anchor Fastener Counterbore
M70431	10	Butt Fastener Counterbore
M70402	15/40	Anchor Fastener Counterbore
M70412	15/40	Butt Fastener Counterbore
M70445	30	Anchor Fastener Counterbore

- Counterbore is needed to insert the anchor fastener assembly or butt fastener assembly
- Counterbore locations for each extrusion must be specified as shown.

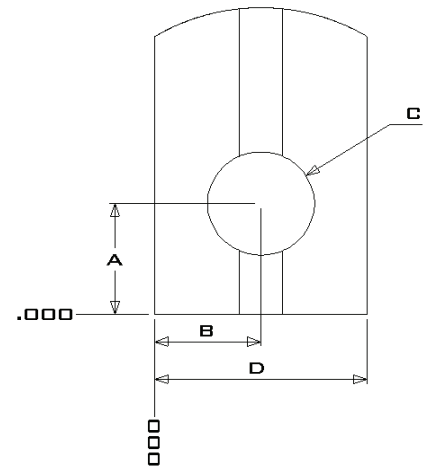
### EXAMPLE:

A project requires that two lengths of profile be machined for an anchor fastener assembly. One of the lengths is the 1.5" x 1.5" @ 41" extrusion profile and requires the counterboring at one end only, in slot A. The other length is the 1.5" x 3" extrusion profile at 45" that requires machining for two anchor fasteners at each end, in slots E and H. The counterbore service would be ordered as follows:



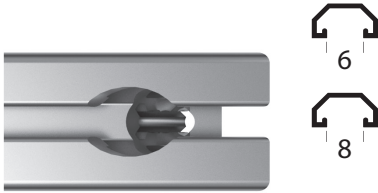
Part #	Qty	Machining Service Number	Length
E1515	1	M70402 in A Left	41"
E1530	1	M70402 in E Left; M70402 in H Left; M70402 in E Right; M70402 in H Right	45"
	1	M70102 Cut to Length 1.5" x 1.5"	
E1530	1	M70202 Cut To Length	
	5	15S Anchor Fastener Counterbores	

SERIES	A	B	C	D
10	.412"	.500"	.563" X .463" DEEP	1.000"
15	.855"	.750"	.792" X .680" DEEP	1.500"
30	.626"	.591"	.629" X .550" DEEP	1.181"
40	.855"	.787"	.792" X .685" DEEP	1.575"



## Miter Cuts & Counterbore

**F** = Fractional    **M** = Metric



• Easy assembly miter cuts allow you to assemble without inserting fasteners through counterbore. The pre-assembled fastener and T-Nut will slide into the mitered piece, ready to assemble. • Miter cut and counterbore required for custom 45° support bracket or joining plate.

Part #	Series	Miter Cut Only
<b>M70661</b>	10	Miter Cut E1001S, E1002S, E1003S, E1004S, E1010G/S, E1012S
<b>M70701</b>	10	Miter Cut E1020G/S
<b>M70711</b>	10	Miter Cut E2020G/S
<b>M70721</b>	10	Miter Cut E1030S
<b>M70731</b>	10	Miter Cut E2040S
<b>M70652</b>	15/40	Miter Cut E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S, E40-4002, E40-4004, E40-4040, E40-4040L, E40-4040UL
<b>M70752</b>	15/40	Miter Cut E1530G/S, E1530LG/LS, E40-4080, E40-4080L, E40-4080UL
<b>M70762</b>	15	Miter Cut E1545S
<b>M70852</b>	15/40	Miter Cut E3030G/S, E3030LG, E40-8080

Part #	Series	Miter Cut W/Counterbore
<b>M70811</b>	10	Miter Cut & Counterbore E1001S, E1002S, E1003S, E1004S, E1010G/S, E1012S
<b>M70841</b>	10	Miter Cut & Counterbore E1020G/S, E2040S
<b>M70861</b>	10	Miter Cut & Counterbore E1030S
<b>M70802</b>	15/40	Miter Cut & Counterbore E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S, E40-4002, E40-4004, E40-4040, E40-4040L, E40-4040UL
<b>M70902</b>	15/40	Miter Cut & Counterbore E1530G/S, E1530LG/LS, E40-4080, E40-4080L, E40-4080UL
<b>M70932</b>	15	Miter Cut & Counterbore E1545S

### EXAMPLE:

Two custom support brackets are required for your project, but you plan on counterboring the part yourself. You will use 15 x 30 extrusions that are 15" long from corner to corner. The machining service would look as follows:

Part #	Qty	Machining Service Number	Length
<b>E1530</b>	2	M70902 X Miter	15"

### ORDERING NOTE:

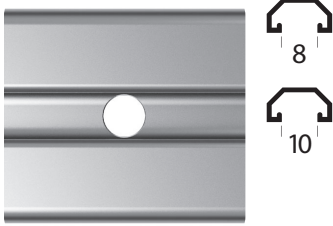
Miter cut and counterbore requirements should be described by specifying:

1. The extrusion Part number or description
2. The quantity of extrusions to be machined
3. The machining service number
4. The end at which the machining is required and the face from which a bolt would be installed into the counterbore.
5. Enter the degree of cut between 15 and 89 degrees.

Also, indicate the length of the finished profile from longest corner to longest corner. To specify the correct face on a 15 x 30 extrusion profile (where there are multiple T-Slots), specify one of the T-Slot locations on that face.

## Bolt Connector Drill Through

**F** = Fractional    **M** = Metric



Part #	Series	Description (One End)
<b>M70345</b>	30	Bolt Connector Drill Through
<b>M70946</b>	45	Bolt Connector Drill Through (45mm)
<b>M70376</b>	45	Bolt Connector Drill Through (90mm)

•Drill through is needed to insert the bolt connector assembly.

•Drill through locations for each extrusion must be specified as shown.

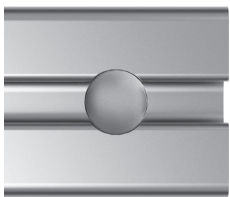
### EXAMPLE:

A project requires that a length of profile be machined for a bolt connector assembly. The length is the 45mm x 45mm @ 43" extrusion profile and requires the drill through at both ends, in slot A of the profile.

Part #	Qty	Machining Service Number	Length
<b>E45-4545</b>	1	M70346 in A left; M70346 in A right	43"
	1	M70106 cut to length 45mm x 45mm	
	2	M70346 45S Drill Through for Bolt Connector	

## Central Connector Counterbore

**F** = Fractional    **M** = Metric



Part #	Series	A	B	C	D
<b>M70586</b>	45	22.5mm	22.5mm	17.12mm	32.64mm

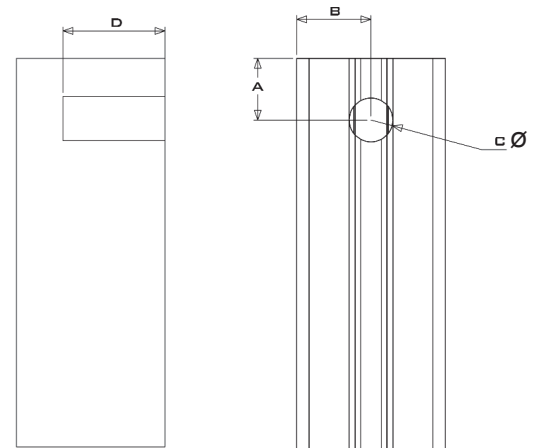
•Drill through is needed to insert the bolt connector assembly.

•Drill through locations for each extrusion must be specified as shown.

### EXAMPLE:

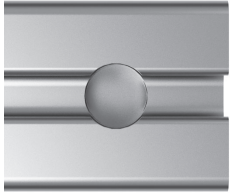
A project requires that a length of profile be machined for a central connector assembly. The length is the 45mm x 45mm @ 22" extrusion profile and requires the counterbore at both ends, in slot A.

Part #	Qty	Machining Service Number	Length
<b>E45-4545</b>	1	M70586 in A left; M70586 in A right	22"
	1	M70106 cut to length 45mm x 45mm	
	2	M70586 45S Counterbore for Central Connector	



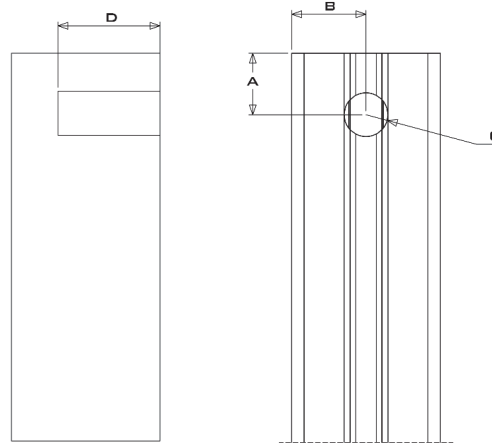
## Universal Connector Counterbore

**F** = Fractional    **M** = Metric



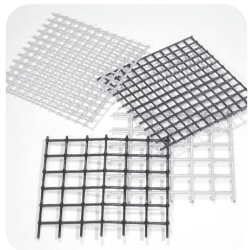
- Drill through is needed to insert the bolt connector assembly.
- Drill through locations for each extrusion must be specified as shown.

Part #	Series	A	B	C	D
<b>M70782</b>	15	.622	.750	.443	1.046
<b>M70785</b>	30	18.11mm	15mm	11.25mm	21.46mm
<b>M70783</b>	40	16mm	20mm	11.25mm	28.70mm

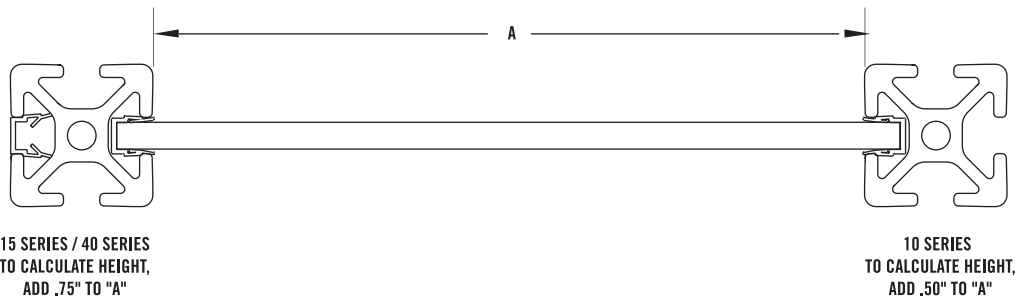


## Panels & Wire Mesh - Cut to Size

**U** = Universal    **F** = Fractional    **M** = Metric



Part #	Series	Description
<b>M71509</b>		Cutting Plastic Panels Any Side ≤ 48"
<b>M71559</b>		Cutting Plastic Panels Any Side > 48"
<b>M70959</b>		Shearing Expanded Metal or Wire Any Side ≤ 48"
<b>M71009</b>		Shearing Expanded Metal or Wire Any Side > 48"



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### EXAMPLE:

A machine guard project requires 3 clear Lexan panels, part number H26099, cut to a size of 4' x 3'. This panel would be ordered as follows:

Part #	Qty	Machining Service Number	Panel Size
<b>H26099</b>	3	M71509 48" x 36"	36 sq ft

- A cut to size machining service is available for polycarbonate panels, expanded PVC panels, and wire mesh.

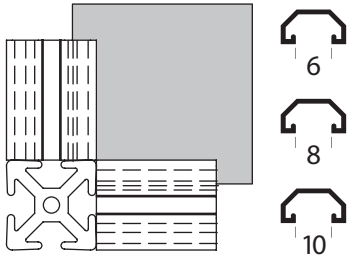
### ORDERING NOTE:

Miter cut and counterbore requirements should be described by specifying:

1. The extrusion Part number or description
2. The quantity of extrusions to be machined
3. The machining service number
4. The end at which the machining is required and the face from which a bolt would be installed into the counterbore.

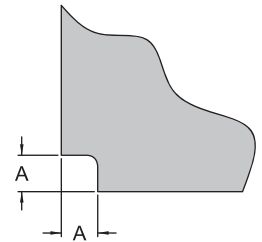
## Notch Panel For Extrusion Clearance

**F** = Fractional **M** = Metric



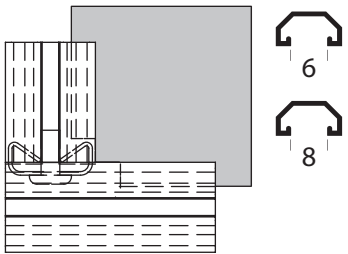
• Panel notching gives clearance for perpendicularly mounted extrusions. This machining service is only needed when panels are installed in T-Slots.

Part #	Series	Description	A
<b>M75041</b>	10	Plastic Corner Extrusion Clearance Notch	.312
<b>M75052</b>	15/40	Plastic Corner Extrusion Clearance Notch	.440
<b>M75055</b>	30	Plastic Corner Extrusion Clearance Notch	9mm
<b>M75066</b>	45	Plastic Corner Extrusion Clearance Notch	14mm



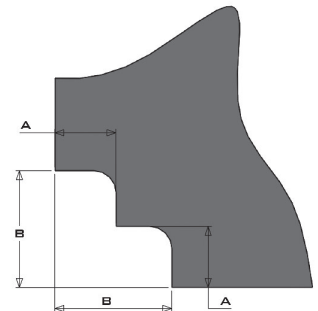
## Notch Panel For End Fastener Clearance

**F** = Fractional **M** = Metric



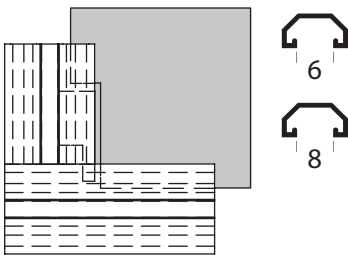
• Panel notching gives clearance for end fastener.

Part #	Series	Description	A	B
<b>M75021</b>	10	Plastic Notch For End Fastener	.250	.650
<b>M75032</b>	15/40	Plastic Notch For End Fastener	.340	.650



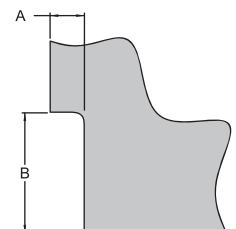
## Notch Panel For Anchor Fastener Clearance

**F** = Fractional **M** = Metric



• Panel notching gives clearance for anchor fastener. This machining service is only needed when panels are installed in T-Slots.

Part #	Series	Description	A	B
<b>M73111</b>	10	Plastic Notch For Anchor Fastener	.375	1.063
<b>M73122</b>	15/40	Plastic Notch For Anchor Fastener	.500	1.750
<b>M73125</b>	30	Plastic Notch For Anchor Fastener	11mm	34mm

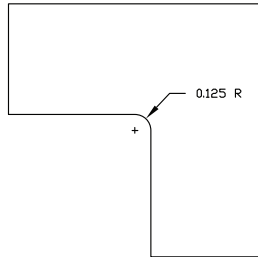




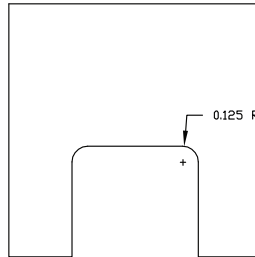
## 2-4 Sided Panel Cut-Outs

**U** = Universal    **F** = Fractional    **M** = Metric

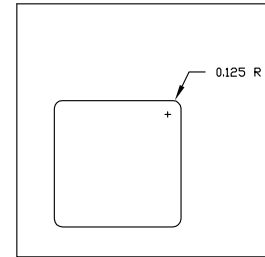
Part #	Series	Description
<b>M71629</b>	10, 15, 30, 40, 45	2-Sided Cut-Out > 3"
<b>M71639</b>	10, 15, 30, 40, 45	3-Sided Cut-Out > 3"
<b>M71649</b>	10, 15, 30, 40, 45	4-Sided Cut-Out > 3"



2 Sided Cut-Out



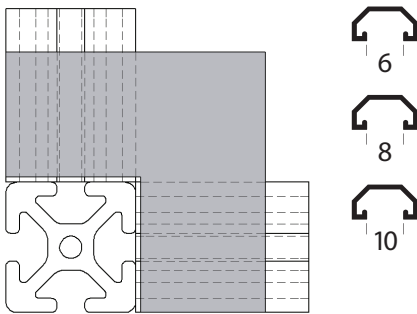
3 Sided Cut-Out



4 Sided Cut-Out

## Profile Clearance Notch

**F** = Fractional    **M** = Metric

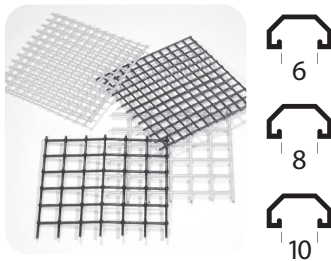


Part #	Series	Description
<b>M75971</b>	10	Corner Notch for E1010G/S, E1012S
<b>M75981</b>	10	Corner Notch for E1020G/S
<b>M75991</b>	10	Corner Notch for E2020G/S
<b>M76002</b>	15/40	E1501S, E1502S, E1503S, E1504S, E1515G/S, E1515LG/LS, E1515ULG/ULS, E1517S, E40-4040, E40-4040L, E40-4040UL
<b>M76012</b>	15/40	Corner Notch for E1530G/S, E1530LG/LS, E40-4080, E40-4080L, E40-4080UL
<b>M76022</b>	15/40	Corner Notch for E3030G/S, E3030LG, E40-8080
<b>M72345</b>	30	Corner Notch for E30-3030
<b>M72376</b>	45	Corner Notch for E45-4545, E45-4545-L, E45-4545-2S, E45-4545-2SA
<b>M72336</b>	45	Corner Notch for E45-4590
<b>M72396</b>	45	Corner Notch for E45-9090

## Miscellaneous Panel Machining

**U** = Universal    **F** = Fractional    **M** = Metric

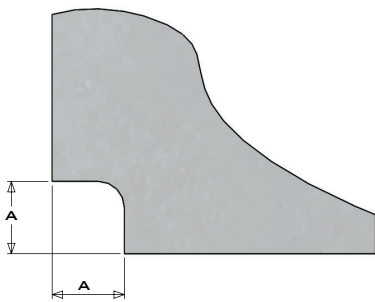
12



Part #	Description
<b>M71529</b>	Circular Cut-Out > 1" (not to exceed 10")
<b>M71569</b>	Drill Through & Countersink
<b>M71579</b>	Miter Cut
<b>M71589</b>	Drill Through & Tap
<b>M71599</b>	Drill Through
<b>M71669</b>	Misc. Panel Notch < 3"

## Corner Connector Clearance Notch

**U** = Universal   **F** = Fractional   **M** = Metric



6



8

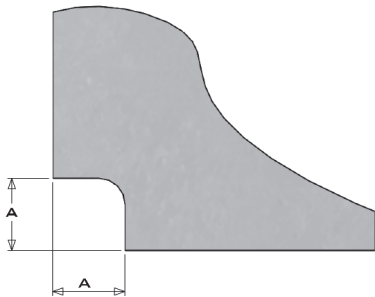


10

Part #	Series	Description	A
<b>M71529</b>	10	Corner Notch	.347
<b>M71569</b>	15, 40	Corner Notch	.500

## Central Connector Clearance Notch

**U** = Universal   **F** = Fractional   **M** = Metric



6



8



10

Part #	Series	Description	A	B
<b>M73203</b>	10	Central Notch	.500	2.00
<b>M73206</b>	15, 40	Central Notch	14mm	46mm



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F3033Z.....75	F32030.....72	F3611S.....85	F45160M.....89
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F30480.....87	F32049.....78	F3615S.....87	F53080M.....89
F30500.....85	F32050.....72	F3616S.....77	F5310SMS.....86
F30510.....85	F32080.....89	F3617S.....85	F5312SM.....86
F30520.....87	F3214Z.....89	F3619S.....87	F53140M.....89
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F30620.....87	F32740.....84	F3663S.....85	F57100M.....89
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F30640.....87	F32760.....70	F3676S.....70	F5712SM.....88
F30650.....85	F32790.....70	F36770.....89	F57140M.....89
F30660.....86	F32800.....70	F3678S.....70	F57160M.....89
F30670.....87	F32810.....70	F3679Z.....80	F5815Z.....77
F30680.....87	F32820.....72	F3681Z.....80	F6041SM.....89
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F31100M.....75	F3311Z.....73	F3693S.....87	F63160M.....85
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F31220.....87	F33750.....72	F3778Z.....70	F6325ZM.....86
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F6716SM.....	FC30990.....	83	FC34520.....	87	FC35840M.....	90
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F67200M.....	FC33060.....	87	FC34560.....	87	FC35870M.....	90
F80655M.....	FC33070.....	87	FC34570.....	87	FC35880M.....	90
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