



Leading the Industry with Modular Solutions!



COMPREHENSIVE PRODUCT CATALOGUE

THE TEKNO DIFFERENCE

We understand what drives production. It drives our process too. Ultimately, you need less downtime and more uptime. You have important timelines that require quick turnarounds. We offer a full line of extrusions and hardware and accessories for those extrusions that are available when you need them.

prioritize producing components that are lightweight while maintaining exceptional high-strength characteristics in order to increase their lifespan. Our solutions can adapt to meet your needs and additional components and accessories are simple to add at any time.

Our easy-to-work-with components are designed to be built with basic tools, no machinery or tapping required, for ease and speed of assembly. There is no welding required! We

When you work with us, your needs are heard. You are the most important part of our business. We strive to tailor to your unique manufacturing needs.

WHY TEKNO?

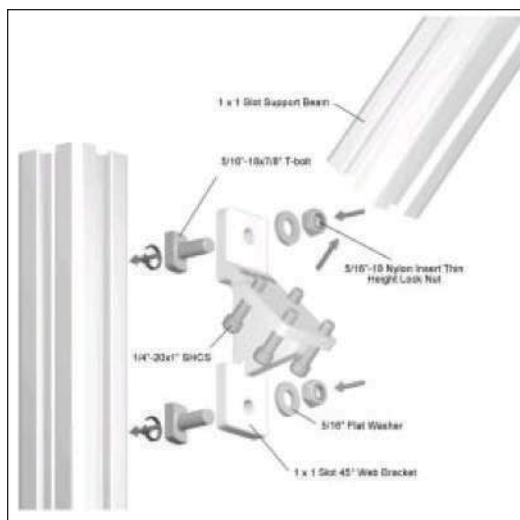
When you're considering where to turn for manufacturing, assembling, and other process solutions, we're confident we'll exceed your expectations. Why? Because we continually strive to be better and to understand what you need. Our Modu-Tek components were designed with the assembly process in mind, absolutely no other product is faster or easier to assemble.

We are confident in our world-class solutions because of our caliber of loyal customers. We stand behind our turnkey yet tailored equipment solutions because they've helped manufacturing companies succeed for over 30 years.

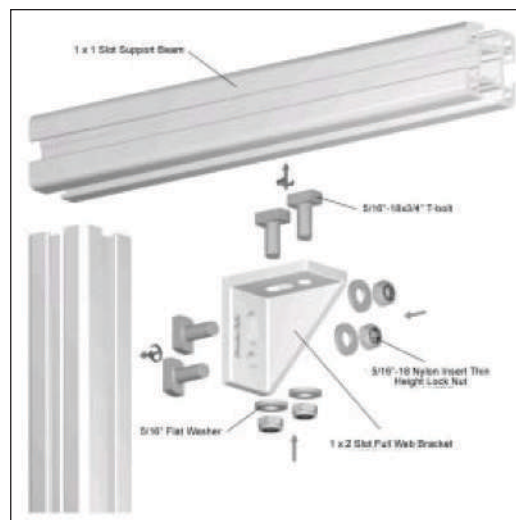
We're also confident in our superior service, innovative process, and competitive pricing. That's why we invite you to confidently partner with us.

A close-up photograph of a mechanical assembly. The central feature is a circular component with concentric rings, possibly a lens or a sensor. It is surrounded by a metallic frame. Several fasteners are visible: a large hex nut with a greenish patina at the top left, a smaller black nut with a yellow center below it, and several other black and yellow fasteners around the perimeter. A yellow cable is visible in the bottom left corner. The background is a light gray, slightly out of focus.

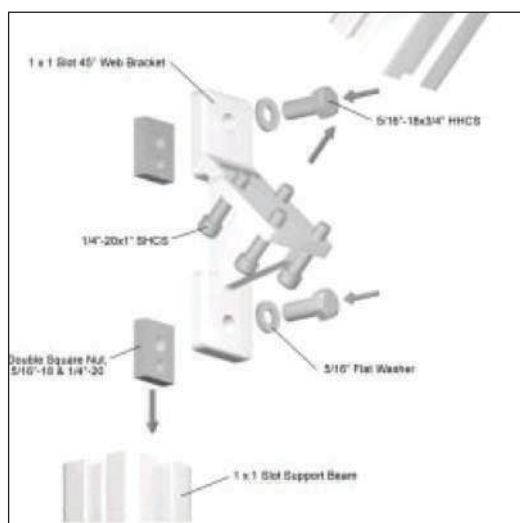
TYPICAL ASSEMBLIES



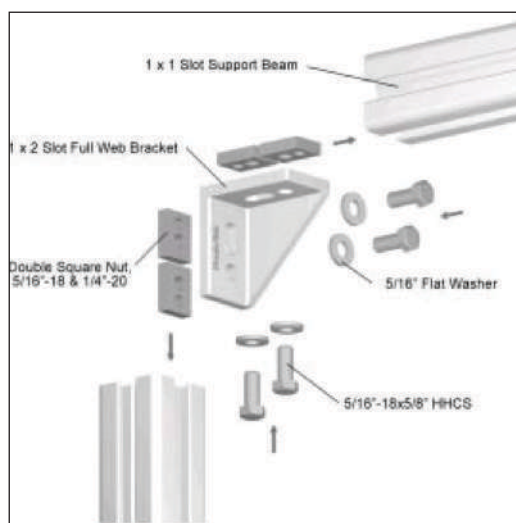
Standard fastening method when joining a 1x1 Slot Support Beam at a 45 deg. angle.



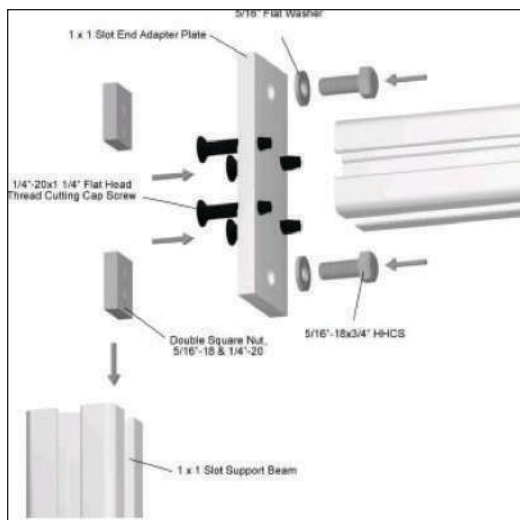
Standard fastening method when joining a 1x1 Slot Support Beam perpendicular (90 deg.) to another.



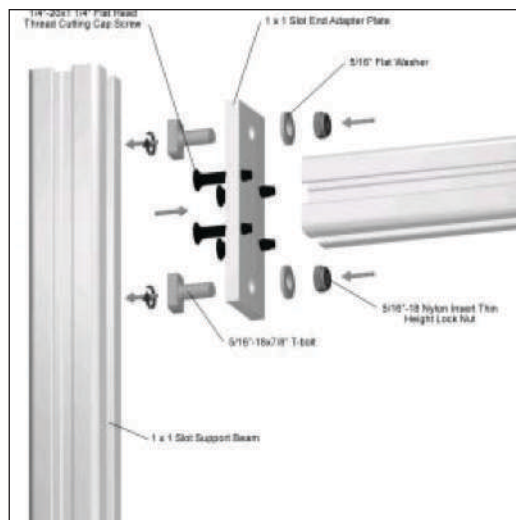
High load capacity fastening method when joining a 1x1 Slot Support Beam at a 45 deg. angle. This method should be used when the structure is to be exposed to considerable vibration.



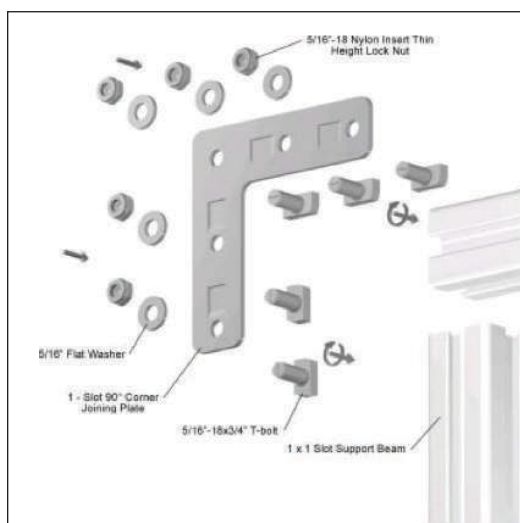
High load capacity fastening method when joining a 1x1 Slot Support Beam perpendicular (90 deg.) to another. This method should be used when the structure is to be exposed to considerable vibration.



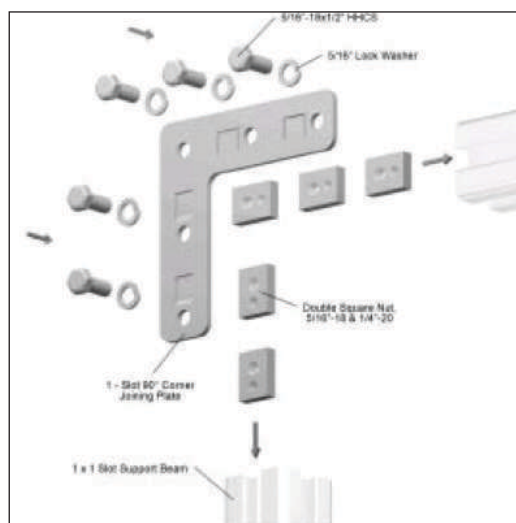
High load capacity fastening method when mounting a 1x1, 1x2, or 1x3 Slot Support Beam perpendicularly (90 deg.) to a 1x1 Slot Support Beam in cross beam applications. This method should be used when the structure is to be exposed to considerable vibration.



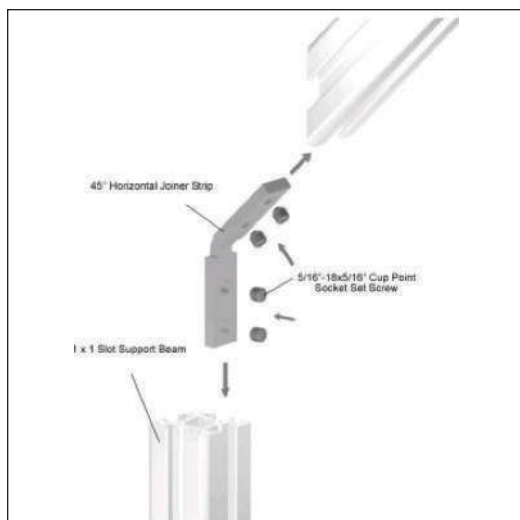
Standard fastening method when mounting a 1x1, 1x2, or 1x3 Slot Support Beam perpendicularly (90 deg.) to a 1x1 Slot Support Beam in cross beam applications.



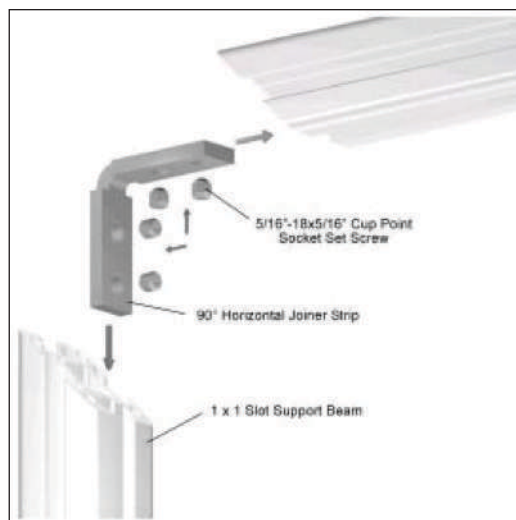
Standard fastening method when joining 1x1, 1x2, and 1x3 Slot Support Beams to one another at a perpendicular (90 deg.) angle.



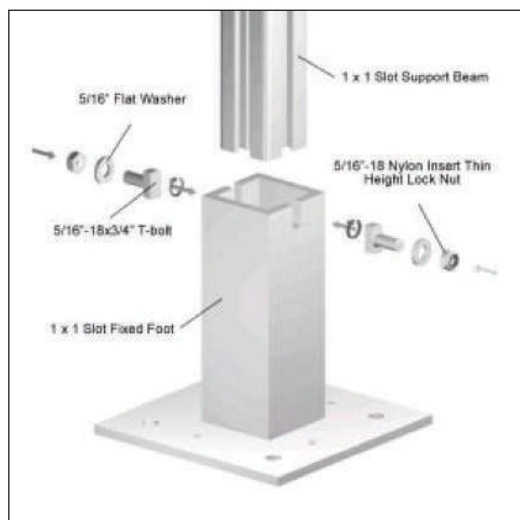
High load capacity fastening method when mounting 1x1, 1x2, and 1x3 Slot Support Beams to one another at a perpendicular (90 deg.) angle. This method should be used when the structure is to be exposed to considerable vibration.



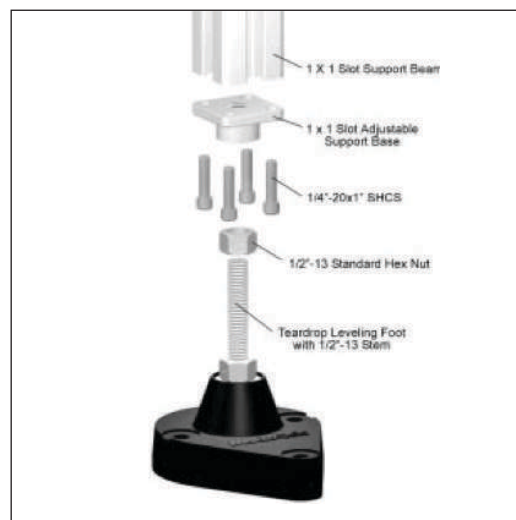
An alternative fastening method for building a clean, stable 45 degree framework corner from two Support Beams mated end-to-end or end to-side. Each end of the two beams can be cut at 22.5 degrees to form the 45 degree mating angle, or one beam can be cut at 45 degrees and fastened along the side of the adjoining beam, allowing lateral positioning of the mitered beam anywhere along the length of the other beam.



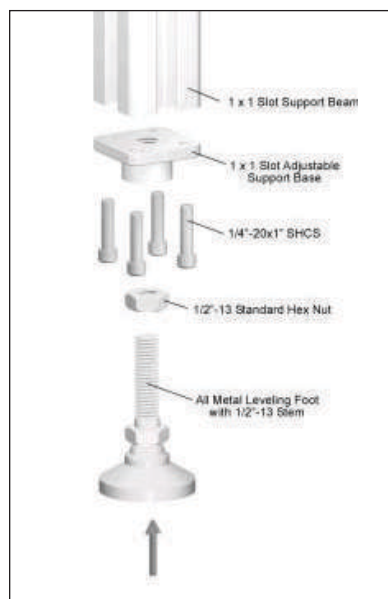
An alternative fastening method for building a clean, stable 90 degree framework corner from two Support Beams mated end-to-end or end to-side. Each end of the two beams can be cut at 45 degrees to form the 90 degree mating angle, or one beam can be cut at 90 degrees and fastened along the side of the adjoining beam, allowing lateral positioning of the mitered beam anywhere along the length of the other beam.



Assembly of 1x1 slot Fixed Foot to 1x1 Slot Support Beam leg.



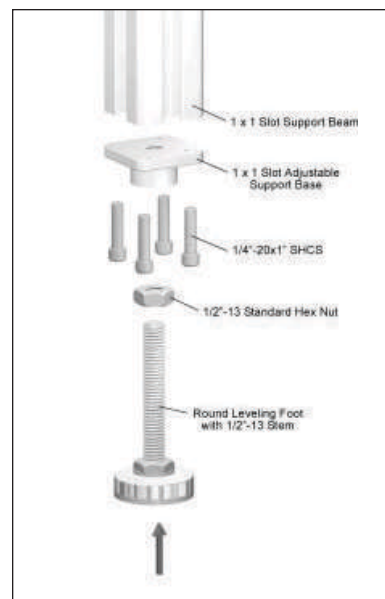
1x1 Teardrop Leveling Foot Assembly specifically designed for mating with 1x1 Slot Support Beam legs.



All Metal Leveling Foot Assembly with 1/2"-13 Stem. Specifically designed for mating with 1x1 Slot Support Beam legs.



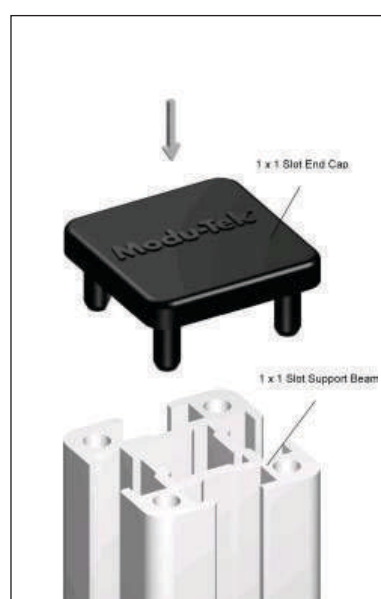
1x1 Slot Rigid Caster Assembly mounts to the end of a 1x1 Slot Support Beam to provide fixed caster mobility.



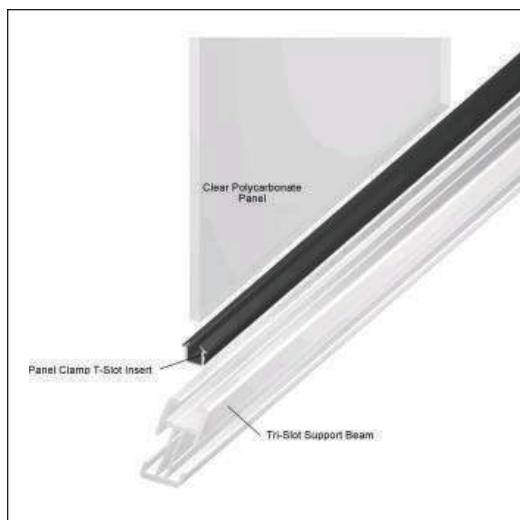
Leveling Foot Assembly with 1/2"-13 Stem designed for light duty support applications such as benches and tables.



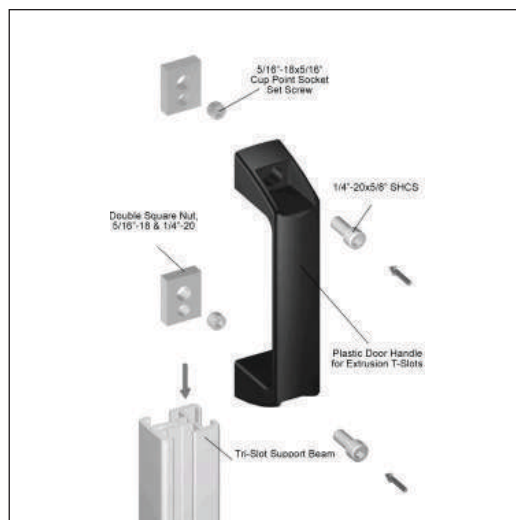
1x1 Slot Swivel Caster Assembly with Brake mounts to the end of a 1x1 Slot Support Beam to provide "breakable" swivel caster mobility.



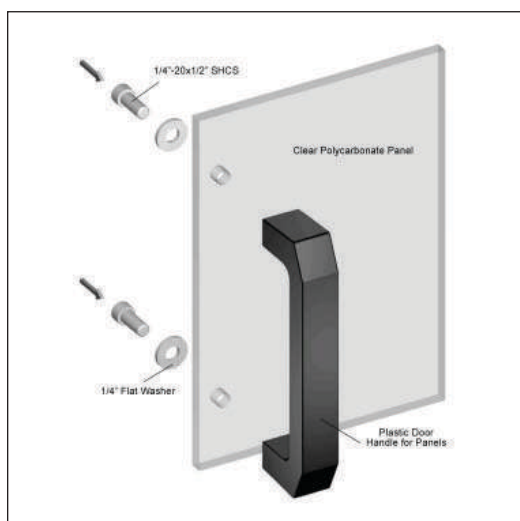
Slot End Caps are used to cover exposed ends of Support Beams and to present a clean, finished look to complete structures.



The Panel Clamp T-Slot insert is used in guards and enclosures to secure Polycarbonate panels in place within extrusion T-slots.



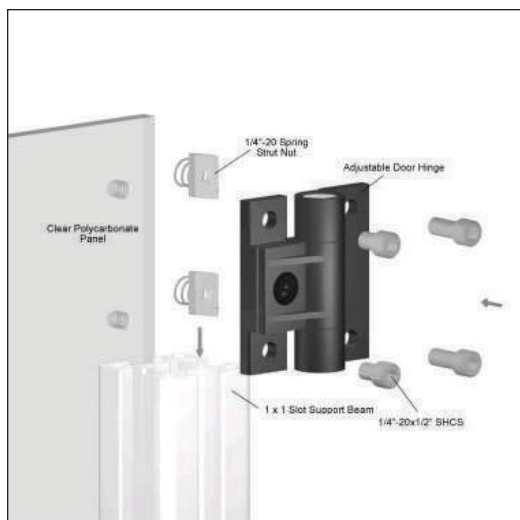
Handle Assembly used when mounting handle to extrusion T-slots.



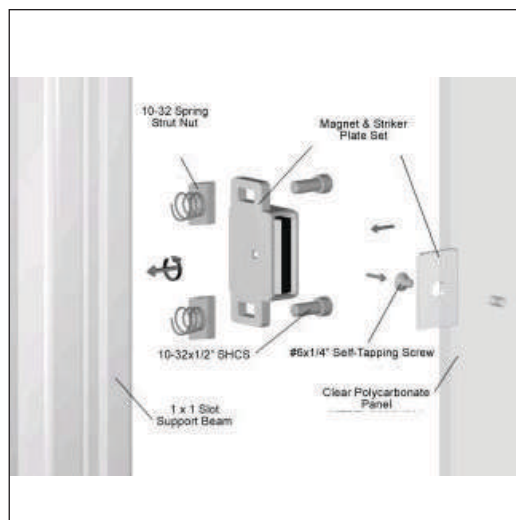
Handle Assembly used on sliding panels, doors, and access hatches.



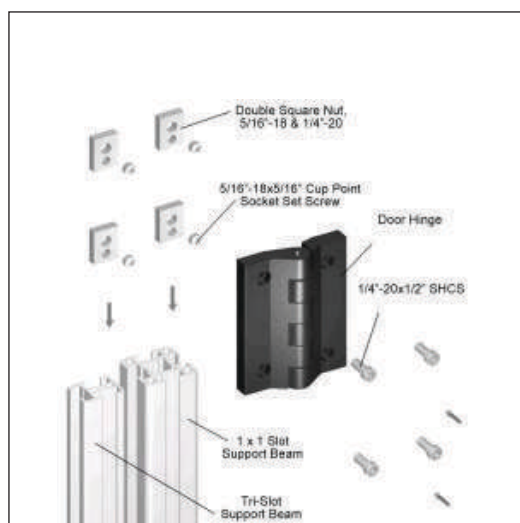
T-slot Covers are used to cover open T-slots. T-slot covers can be used to hold Individual cables and air lines in position within the T-slot cavity, thus preventing damage and/or injury by reducing exposure of the lines and cables.



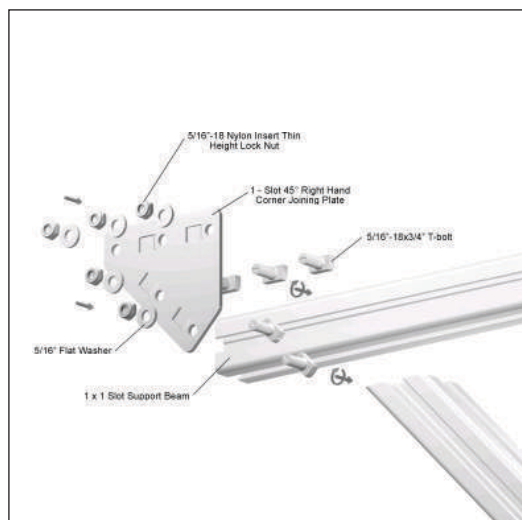
Hinge Assembly for doors, panels, and swing out or pivoting structures Hinge Assembly for doors, panels, and swing out or pivoting structures that provides either free or dampened door swing motion through adjustment.



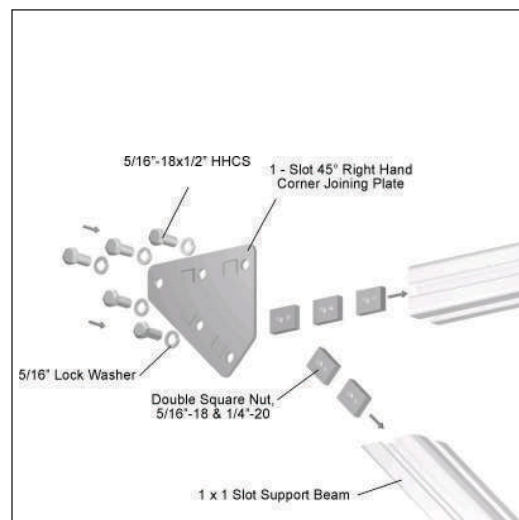
Magnetic Catch Assembly latches panels in place. Ten pounds of force is required to break contact between the magnet and striker plate.



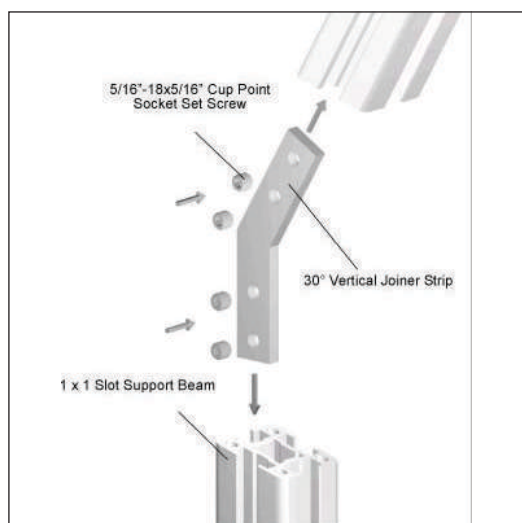
Hinge Assembly for doors and swing-out or pivoting structures.



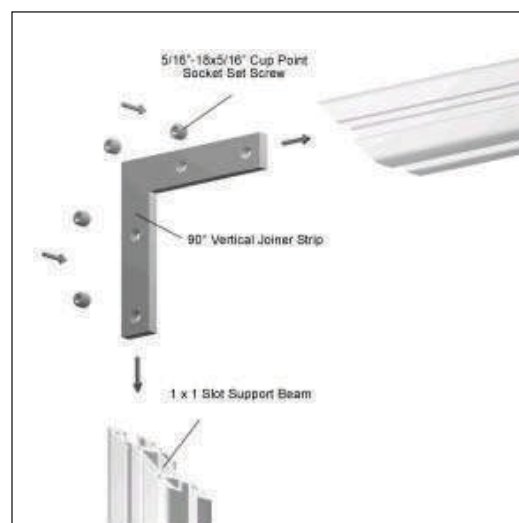
Standard fastening method when joining 1x1, 1x2, and 1x3 Slot Support Beams to one another at a 45 degree angle.



High load capacity fastening method when mounting 1x1, 1x2, and 1x3 Slot Support Beams to one another at a 45 degree angle. This method should be used when the structure is to be exposed to considerable vibration.



Fastening method for building a clean, stable framework corner from two Support Beams mated end-to-end at a 30 degree mitered joint. The ends of the beams should be cut at 15 degrees to form the 30 degree mating angle.



Fastening method for building a clean, stable framework corner from two Support Beams mated end-to-end at a 90 degree mitered joint. The ends of the beams should be cut at 45 degrees to form the 90 degree mating.

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T-SLOTTED EXTRUSIONS

INTRODUCTION

The Information On This Page Pertains To All T-Slotted Extrusions.

MATERIAL SPECIFICATIONS

MATERIAL

6063-T6 Aluminum Alloy

SURFACE FINISH

201 R1 Clear Anodize, 150 RMS
with an application depth of 0.001
in - 0.002 in [0.025 mm - 0.051 mm]

YIELD STRENGTH

25,000 lbs/in² [1,758 kg/cm²]

TENSILE STRENGTH

30,000 lbs/in² [2,109 kg/cm²]

ELONGATION

Maximum of 12% in 2.0 in [50.8
mm] of length

MODULUS OF ELASTICITY

10 million lbs/in² [703,100 kg/cm²]

BRINELL HARDNESS (500 KG. LOAD, 10MM BALL)

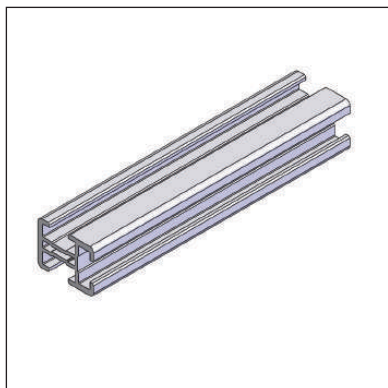
Approximately 73 HB

STRAIGHTNESS

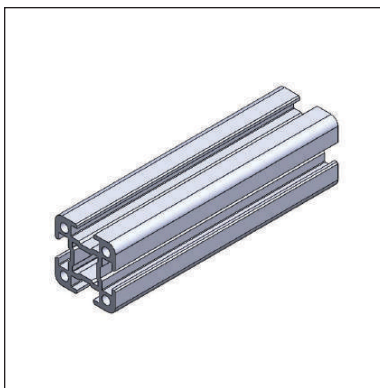
0.0125 in/ft [0.1042 cm/m²], not to
exceed 0.25 in [0.64 cm] over a 20
ft [6 m] length.

TWIST

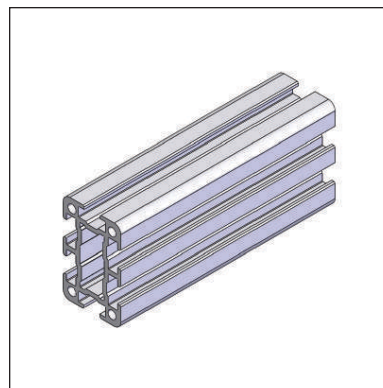
1/4° per foot, not to exceed 3° over
a 20-foot length



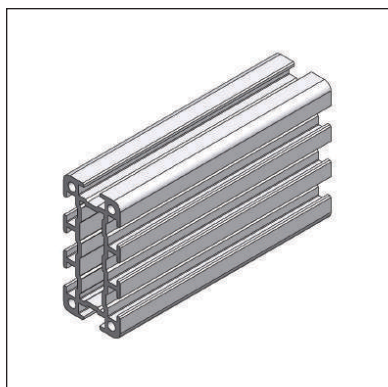
Tri-Slot Support Beam
(1.28 in x 1.00 in)
E010010100
Page 15



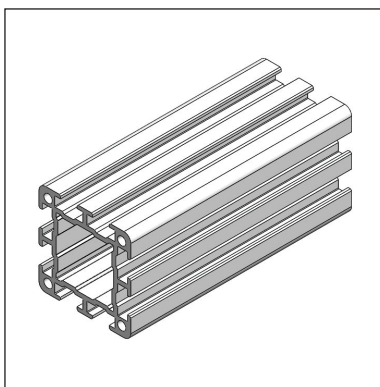
1 x 1 Slot Support Beam
(1.63 in x 1.63 in)
E010020100
Page 16



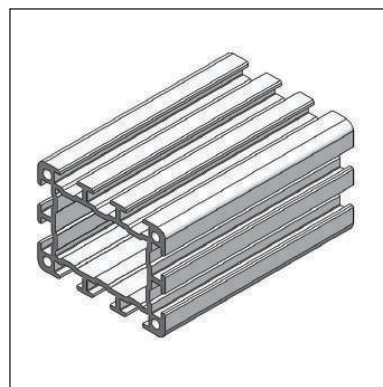
1 x 2 Slot Support Beam
(1.63 in x 2.50 in)
E010030100
Page 17



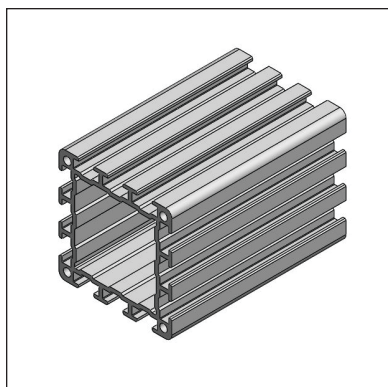
1 x 3 Slot Support Beam
(1.63 in x 3.38 in)
E010040100
Page 18



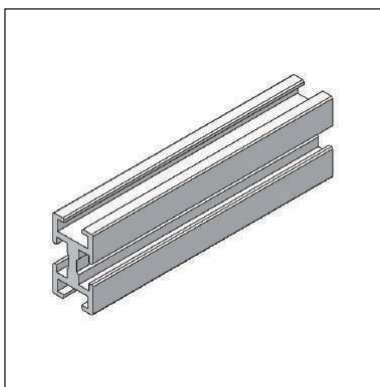
2 x 2 Slot Support Beam
(2.50 in x 2.50 in)
E010050100
Page 19



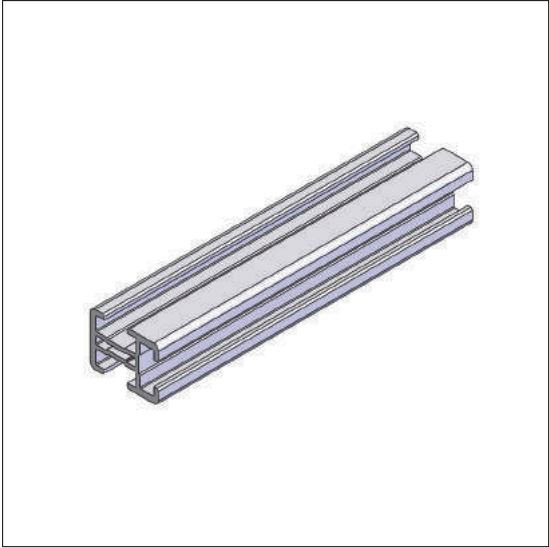
2 x 3 Slot Support Beam
(2.50 in x 3.38 in)
E010060100
Page 20



3 x 3 Slot Support Beam
(3.38 in x 3.38 in)
E010070100
Page 21



1 x 1 Cross Beam
(1.75 in x 1.00 in)
E010080100
Page 22



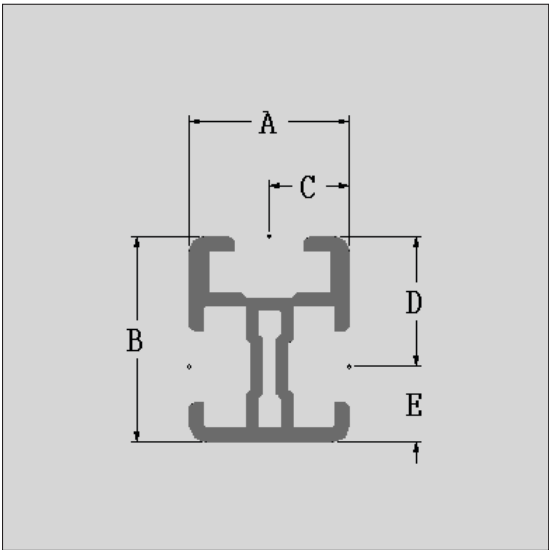
E010010100
Tri-Slot Support Beam
1.31 in x 1.00 in
[33.27 mm x 25.40 mm]

TYPICAL USE:

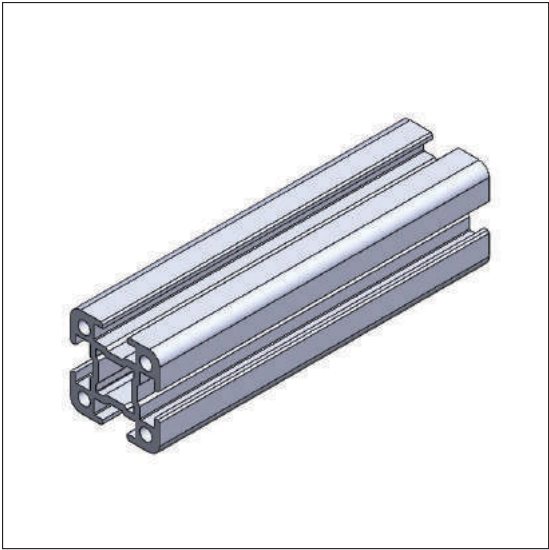
- Structural framework.
- Cross supports.
- Door and safety screen frames.

FEATURES:

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.



	Inches (in.)	Millimeters (mm)
A	1.000	25.4
B	1.285	32.7
C	0.500	12.7
D	0.813	20.7
E	0.500	12.7
F	–	–
G	–	–
H	–	–
I	–	–



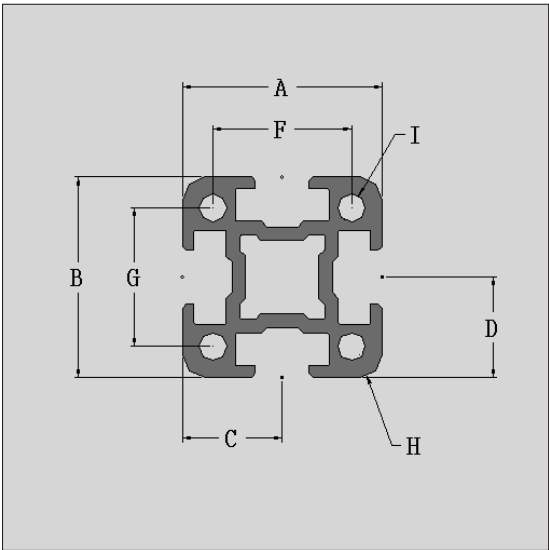
E0100201
1 x 1 Slot Support Beam
1.63 in x 1.63 in
[41.40 mm x 41.40 mm]

TYPICAL USE:

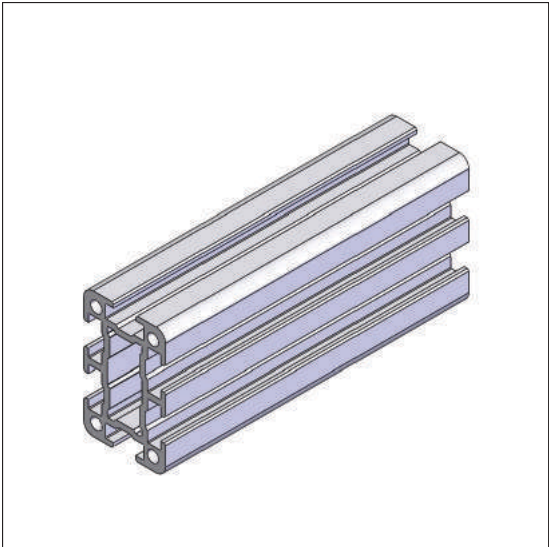
- Structural framework.
- Cross supports.
- Door and safety screen frames.

FEATURES:

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps, End Plate Brackets, Leveling Feet, and Casters.



	Inches (in.)	Millimeters (mm)
A	1.630	41.4
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



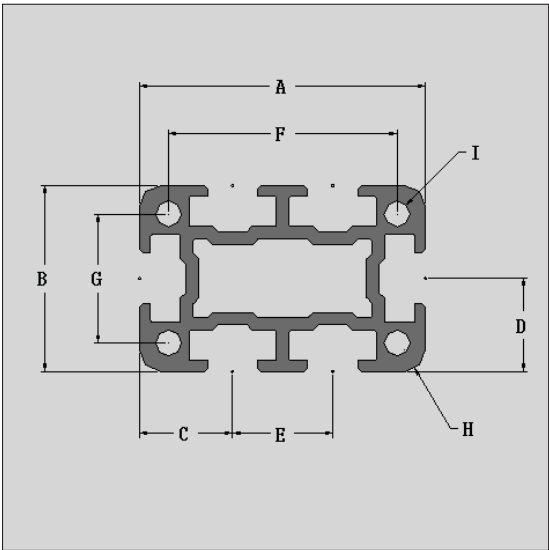
E010030100
1 x 2 Slot Support Beam
1.63 in x 2.50 in
[41.40 mm x 63.50mm]

TYPICAL USE:

- Structural framework.
- Cross supports.
- Door and safety screen frames.

FEATURES:

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps and End Plate Brackets.



	Inches (in.)	Millimeters (mm)
A	2.500	63.5
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



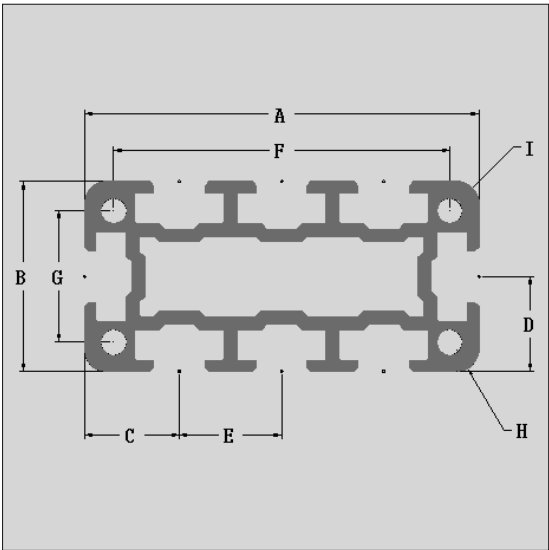
E010040100
1 x 3 Slot Support Beam
1.63 in x 3.38 in
[41.40 mm x 85.85 mm]

TYPICAL USE:

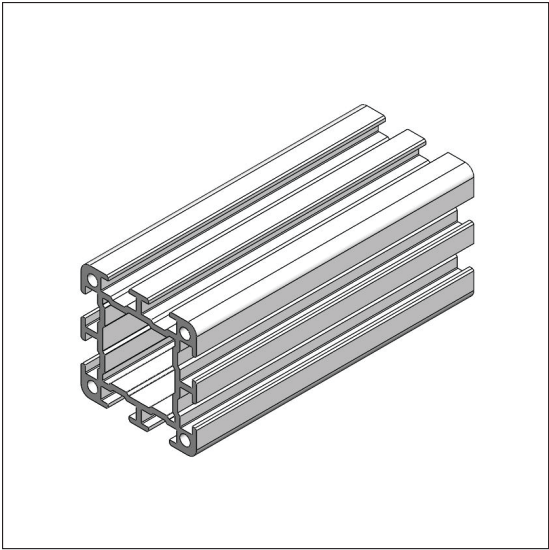
- Structural framework.
- Cross supports.
- Support legs.

FEATURES:

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps and End Plate Brackets.



	Inches (in.)	Millimeters (mm)
A	3.375	85.85
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



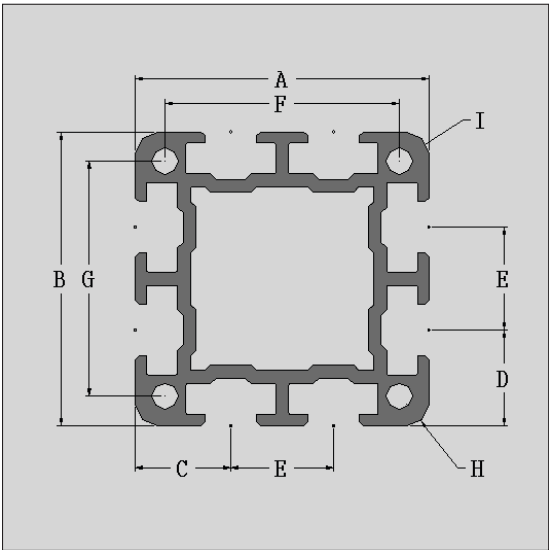
E0100501
2 x 2 Slot Support Beam
2.50 in x 2.50 in
[63.50 mm x 63.50 mm]

TYPICAL USE:

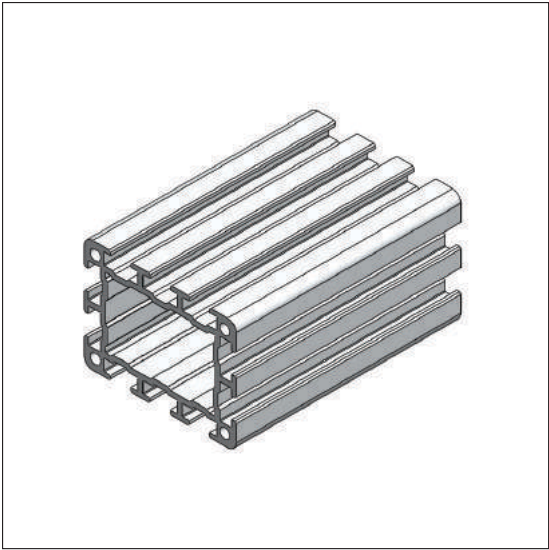
- Structural framework.
- Cross supports.
- Support legs.

FEATURES:

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps, End Plate Brackets, Leveling Feet, and Casters.



	Inches (in.)	Millimeters (mm)
A	2.500	63.5
B	2.500	63.5
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.000	50.8
G	2.000	50.8
H	0.188	4.8
I	0.201	5.1



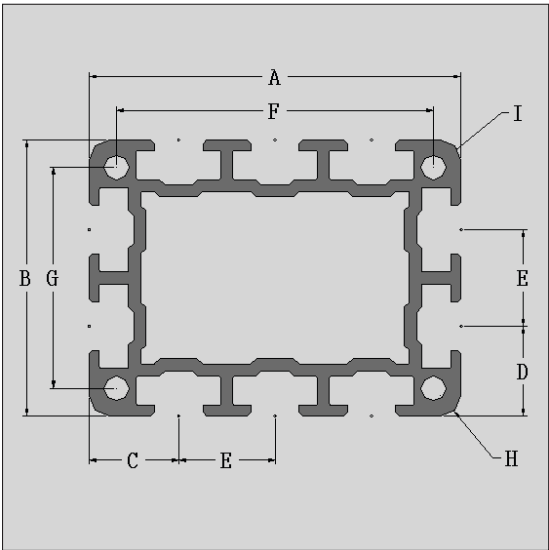
E010060100
2 x 3 Slot Support Beam
2.50 in x 3.38 in
[63.50 mm x 85.85 mm]

TYPICAL USE:

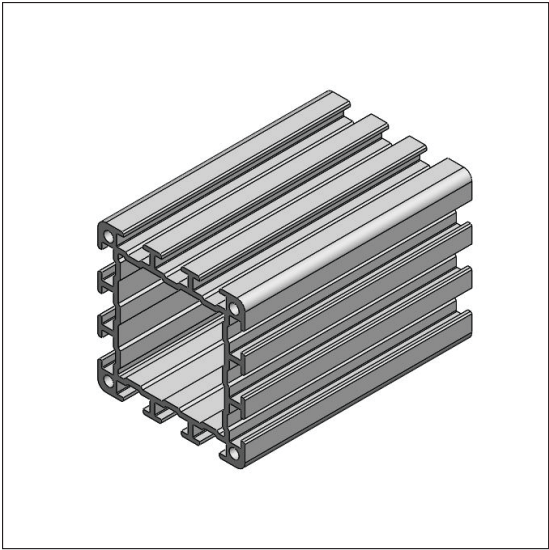
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E	0.875	22.2
F	2.875	73.0
G	2.000	50.8
H	0.188	4.8
I	0.201	5.1



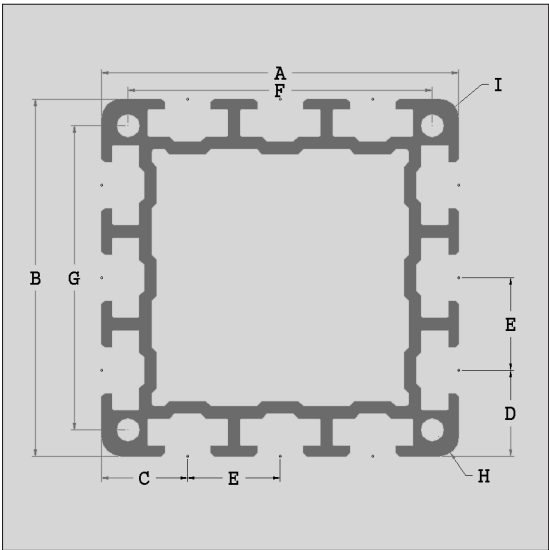
E010070100
3 x 3 Slot Support Beam
3.375 in x 3.375
[85.85mm x 85.85mm]

TYPICAL USE:

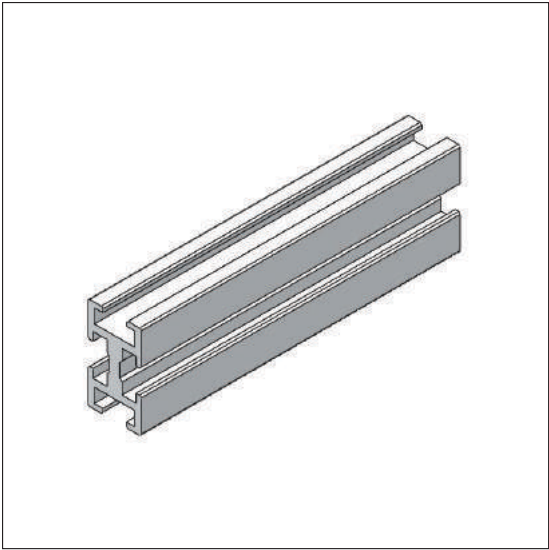
- Structural framework.
- Cross supports.
- Support legs.

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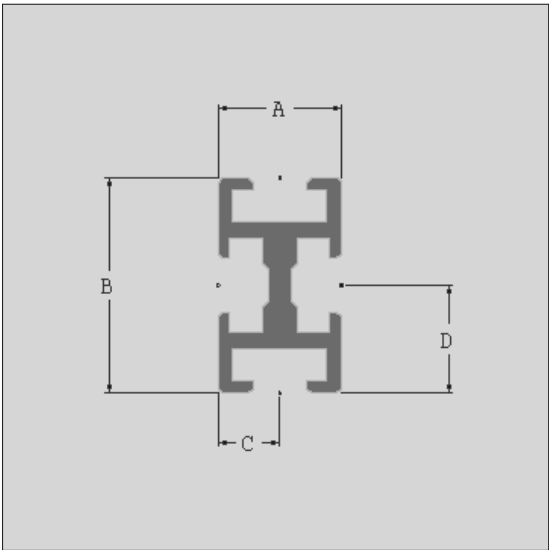
E0100801
1 x 1 Slot Cross Beam
1.75 in x 1.00 in
[44.45 mm x 25.40 mm]

TYPICAL USE:

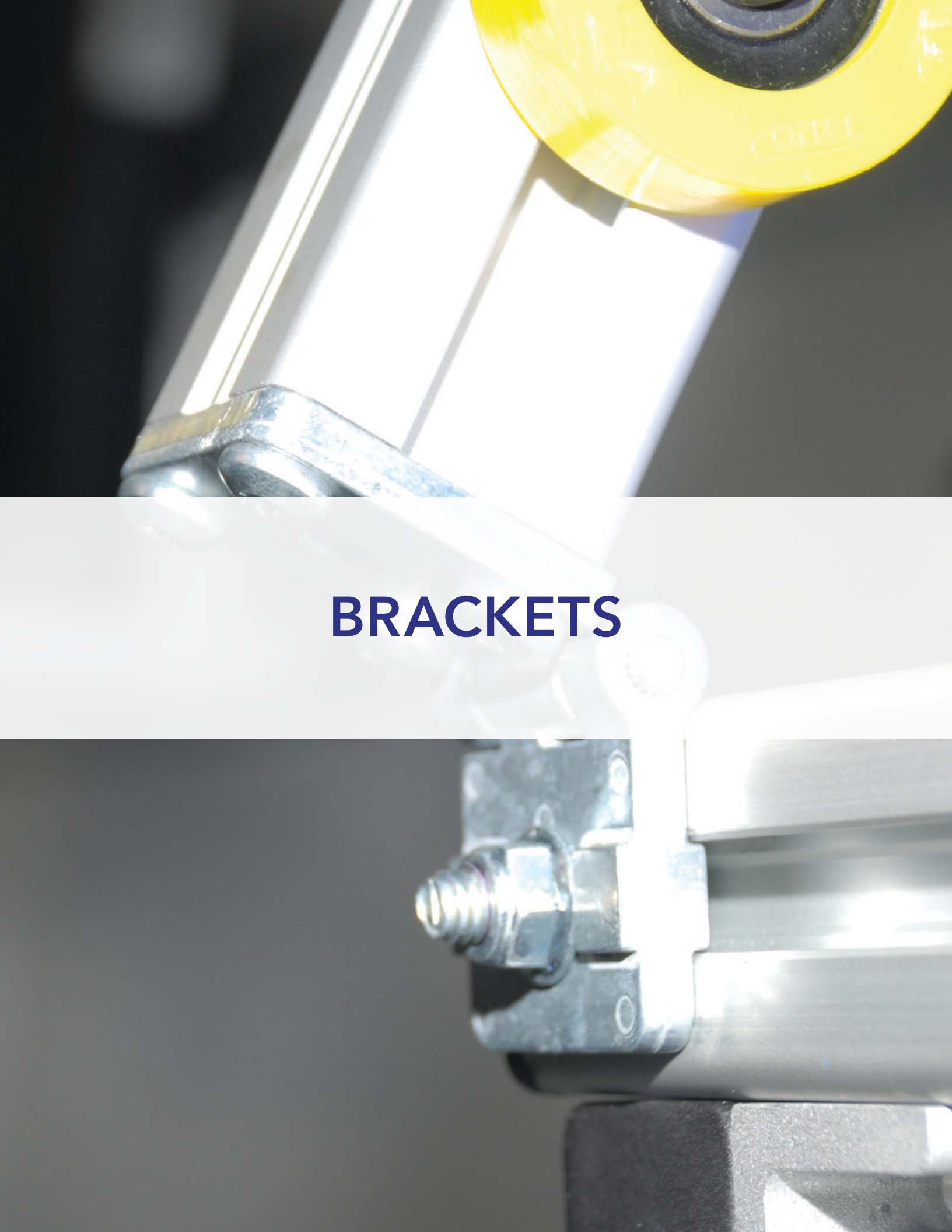
- Structural framework.
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FEATURES:

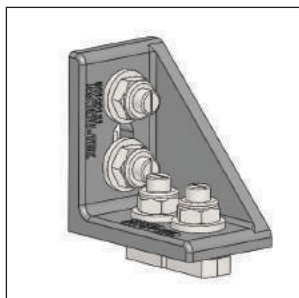
- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.



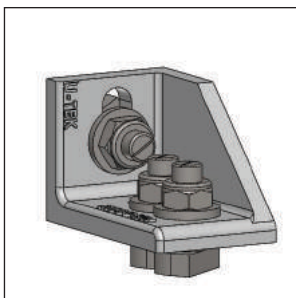
	Inches (in.)	Millimeters (mm)
A	1.000	25.4
B	1.750	44.45
C	0.500	12.7
D	0.875	22.2
E	—	—
F	—	—
G	—	—
H	—	—
I	—	—



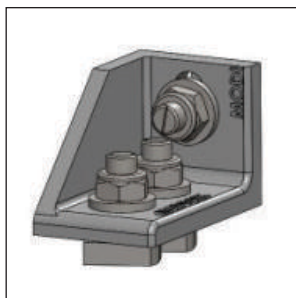
BRACKETS



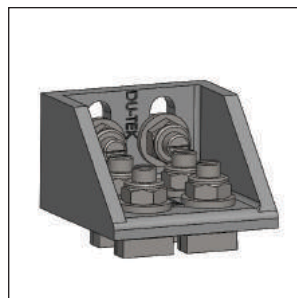
1 x 2 Slot Full Web Bracket
B010011100
Page 25



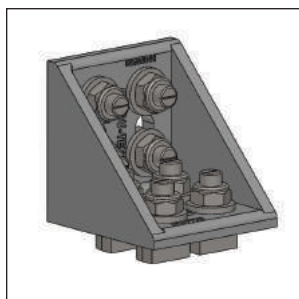
1 x 2 Slot Half Web Bracket
– Right
B010021100
Page 26



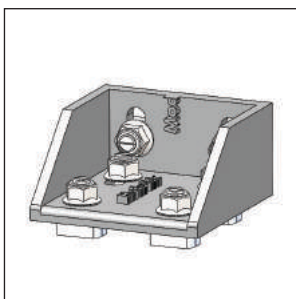
1 x 2 Slot Half Web Bracket
– Left
B010031100
Page 27



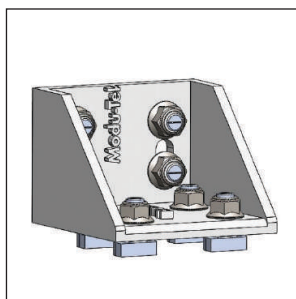
2 x 1 Slot Full Web Bracket
B01041100
Page 28



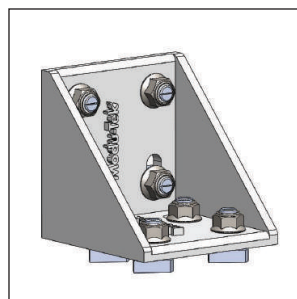
2 x 2 Slot Full Web Bracket
B010051100
Page 29



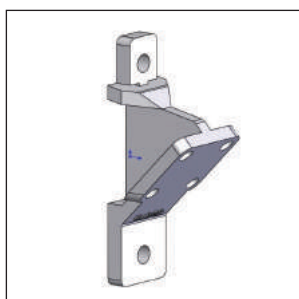
3 x 1 Slot Full Web Bracket
B010061100
Page 30



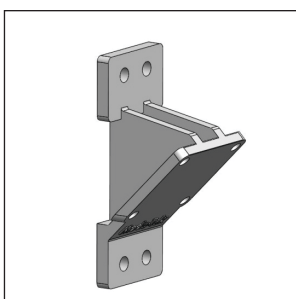
3 x 2 Slot Full Web Bracket
B010071100
Page 31



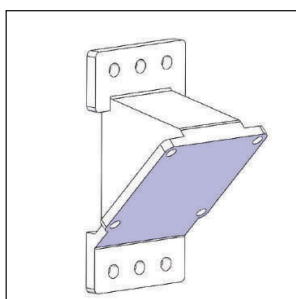
3 x 3 Slot Full Web Bracket
B010081100
Page 32



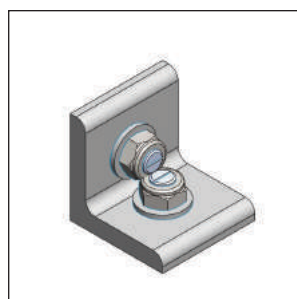
1 x 1 Slot 45° Web Bracket
B010092100
Page 33



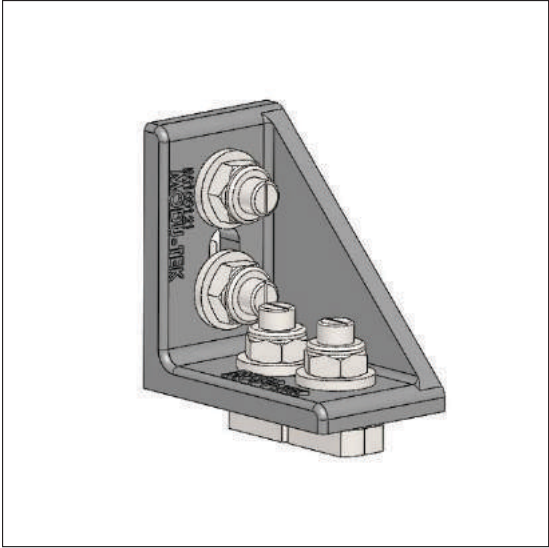
2 x 2 Slot 45° Web Bracket
B010102100
Page 34



3 x 3 Slot 45° Web Bracket
B010112100
Page 35



1 x 1 Slot Angle Bracket
B020011100
Page 36



B010011100
1 x 2 Slot Full Web Bracket
Assembly

TYPICAL USE:

- To join two coplanar lengths of 1-slot Support Beam perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

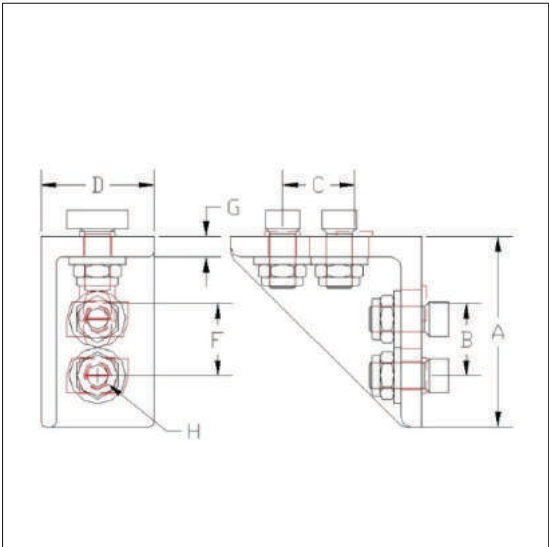
MATERIAL:

- Pressure Die-cast Aluminum.

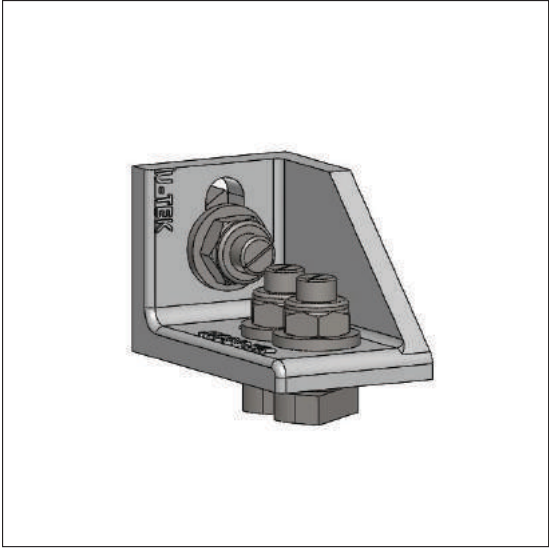
WEIGHT:

- 0.25 lb [0.11 kg]

B010012100
1 x 2 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	2.31	58.67
B	0.88	22.35
C	0.88	22.35
D	1.38	35.05
E	0.50	12.7
F	0.88	22.35
G	0.25	6.35
H	0.34	8.64
I	—	—



B010021100
1 x 2 Slot Half Web Bracket –
Right Assembly

TYPICAL USE:

- To join two lengths of 1-slot Support Beams, not on the same plane, perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.
- The web of the bracket is on its right side as shown in the illustration at bottom left.

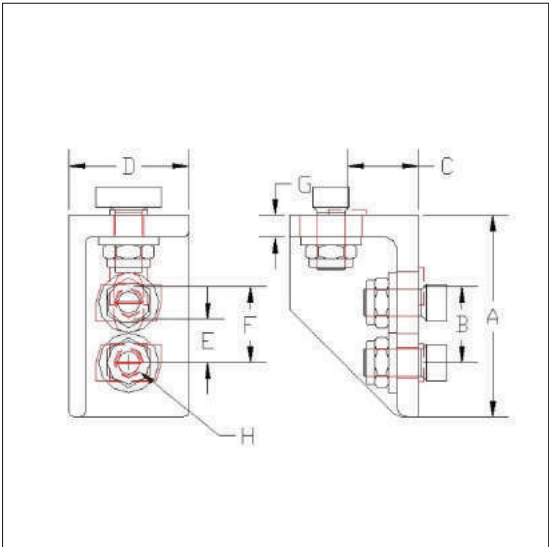
MATERIAL:

- Pressure Die-cast Aluminum.

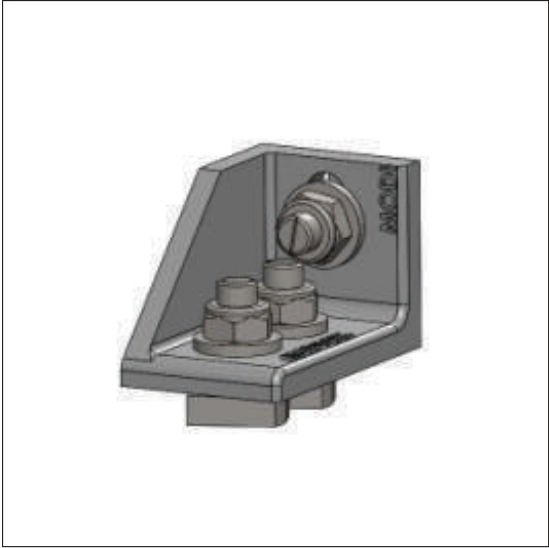
WEIGHT:

- 0.14 lb [0.06 kg]

B010022100
1x2 Half Web Bracket-Right
No Hardware



	Inches (in.)	Millimeters (mm)
A	2.31	58.67
B	0.88	22.35
C	0.81	20.57
D	1.38	35.05
E	0.50	12.7
F	0.88	22.35
G	0.25	6.35
H	0.34	8.64
I	–	–



B010031100
1 x 2 Slot Half Web Bracket –
Left Assembly

TYPICAL USE:

- To join two lengths of 1-slot Support Beams, not on the same plane, perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.
- The web of the bracket is on its left side as shown in the illustration at bottom left.

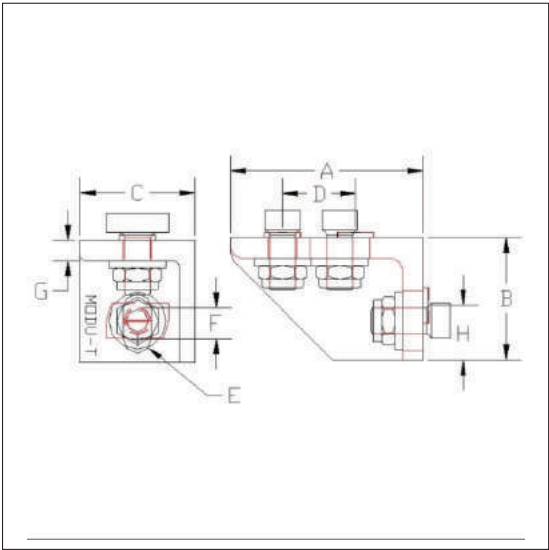
MATERIAL:

- Pressure Die-cast Aluminum.

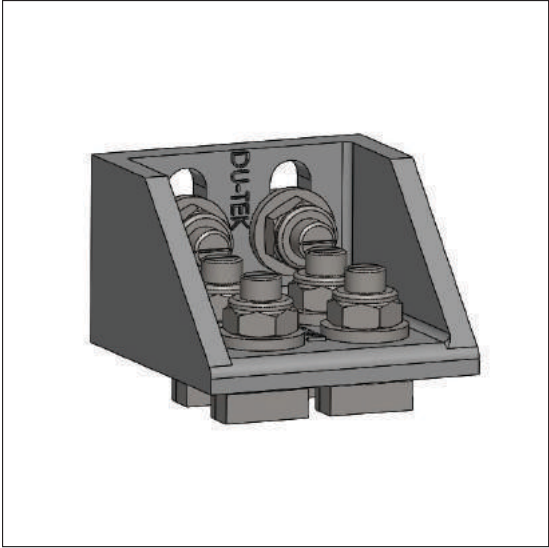
WEIGHT:

- 0.14 lb [0.06 kg]

B010032100
1x2 Half Web Bracket- Left
No Hardware



	Inches (in.)	Millimeters (mm)
A	2.31	58.67
B	1.47	37.34
C	1.38	35.05
D	0.88	22.35
E	0.34	8.64
F	0.375	9.65
G	0.25	6.35
H	0.66	16.76
I	–	–



B010041100
2 x 1 Slot Full Web Bracket
Assembly

TYPICAL USE:

- To join two lengths of 2-slot Support Beam, not on the same plane, perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

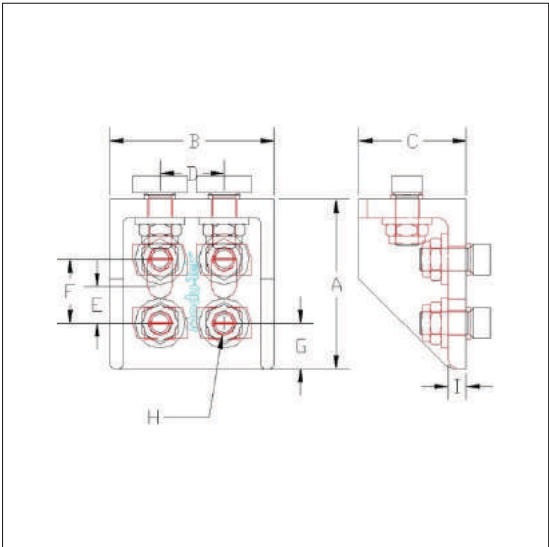
MATERIAL:

- Pressure Die-cast Aluminum.

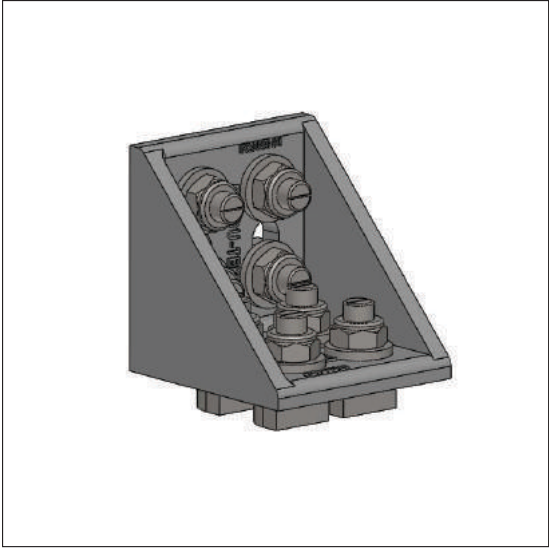
WEIGHT:

- 0.24 lb [0.11 kg]

B010042100
2 x 1 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	2.31	58.67
B	2.25	57.15
C	1.47	37.34
D	0.88	22.35
E	0.50	12.7
F	0.88	22.35
G	0.6	15.24
H	0.34	8.64
I	0.25	6.35



B010051100
2 x 2 Slot Full Web Bracket
Assembly

TYPICAL USE:

- To join two coplanar lengths of 2-slot Support Beam perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

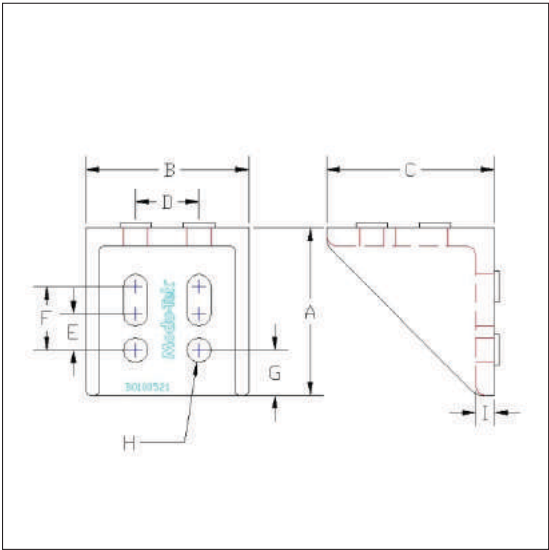
MATERIAL:

- Pressure Die-cast Aluminum.

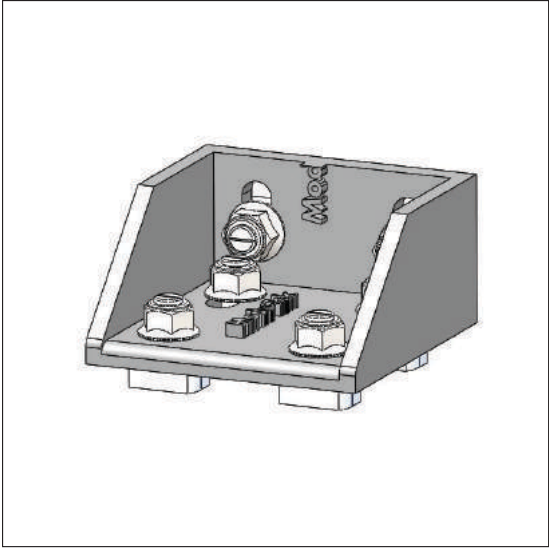
WEIGHT:

- 0.44 lb [0.20 kg]

B010052100
2 x 2 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	2.31	58.67
B	2.25	57.15
C	2.31	58.67
D	0.88	22.35
E	0.50	12.7
F	0.88	22.35
G	0.63	16.00
H	0.34	8.64
I	0.25	6.35



B010061100
3 x 1 Slot Full Web Assembly

TYPICAL USE:

- To join a length of 1-slot Support Beam perpendicular (90°), but not coplanar, to a length of 3-slot Support Beam.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

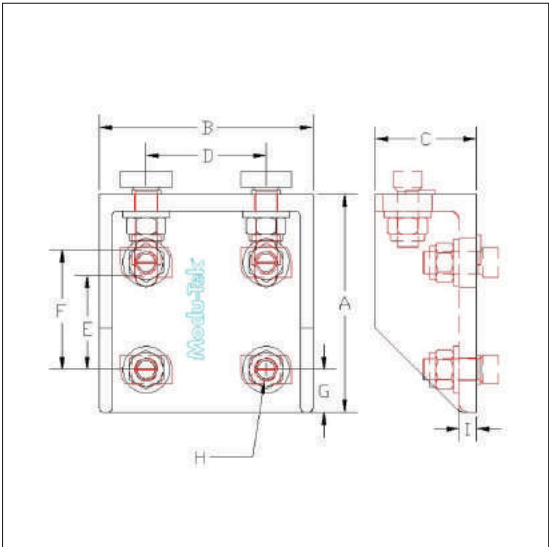
MATERIAL:

- Pressure Die-cast Aluminum.

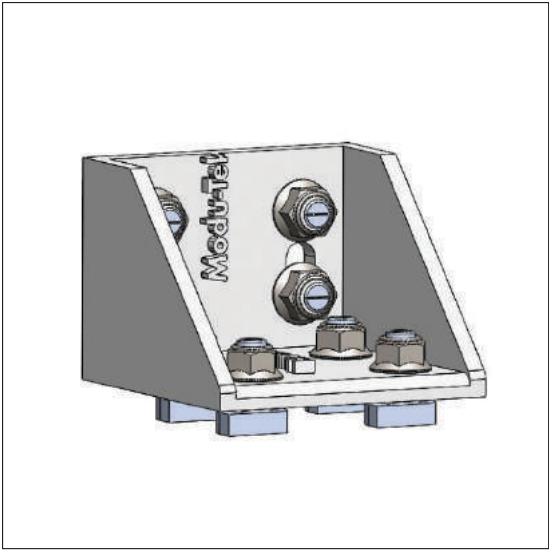
WEIGHT:

- 0.42 lb [0.19 kg]

B010062100
3 x 1 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	3.19	81.03
B	3.13	79.50
C	1.47	37.34
D	1.75	44.45
E	1.38	35.05
F	1.75	44.45
G	0.63	16.00
H	0.34	8.64
I	0.25	6.35



B010071100
3 x 2 Slot Full Web Assembly

TYPICAL USE:

- To join a length of 2-slot Support Beam perpendicular (90°), but not coplanar, to a length of 3-slot Support Beam.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

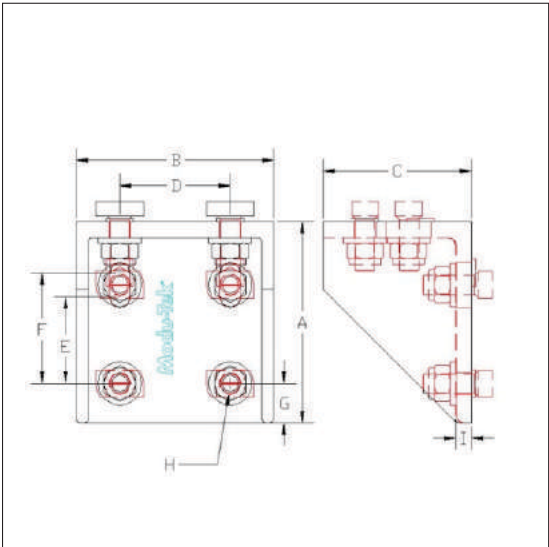
MATERIAL:

- Pressure Die-cast Aluminum.

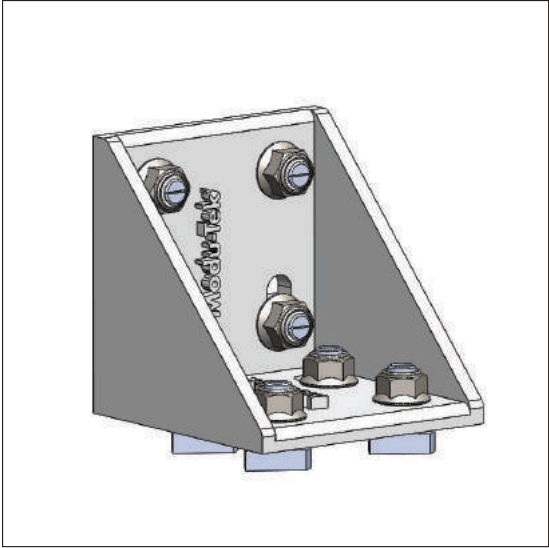
WEIGHT:

- 0.53 lb [0.24 kg]

B010072100
3 x 2 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	3.19	81.03
B	3.13	79.50
C	2.35	59.69
D	1.75	44.45
E	1.38	35.05
F	1.75	44.45
G	0.63	16.00
H	0.34	8.64
I	0.25	6.35



B010081100
3 x 3 Slot Full Web Assembly

TYPICAL USE:

- To join two coplanar lengths of 3-slot Support Beam perpendicular (90°) to one another.

FEATURES:

- Raised bosses and slotted holes for easy alignment during installation.

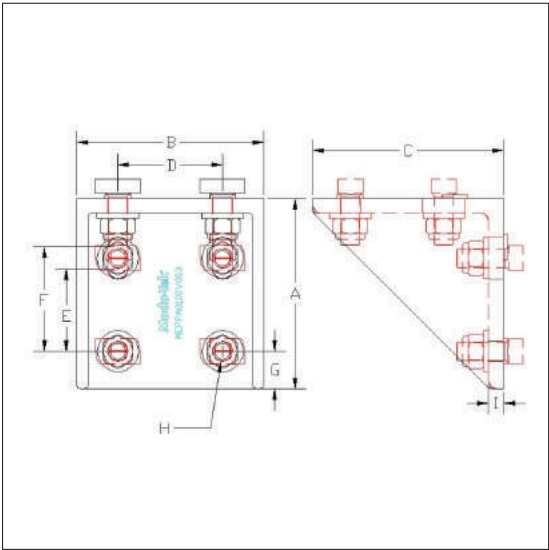
MATERIAL:

- Pressure Die-cast Aluminum.

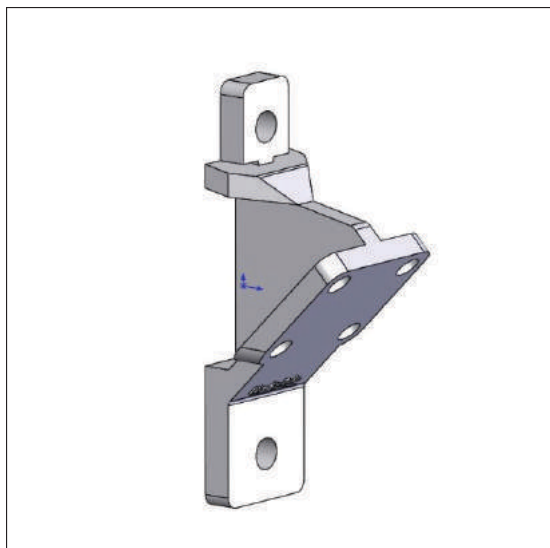
WEIGHT:

- 0.69 lb [0.31 kg]

B010082100
3 x 3 Web Bracket
No Hardware



	Inches (in.)	Millimeters (mm)
A	3.19	81.03
B	3.13	79.50
C	3.19	81.03
D	1.75	44.45
E	1.38	35.05
F	1.75	44.45
G	0.63	16.00
H	0.34	8.64
I	0.25	6.35



B010092100 1 x 1 Slot 45° Web Bracket

TYPICAL USE:

- To join the end of a 1-slot Support Beam to the side of another 1-slot Support Beam at a 45° angle.
- Provides support structure sway bracing.

FEATURES:

- Provides easy alignment for 45° angle gussets.
- Surface "A" depicted in the 2-D illustration attaches firmly to the end of a 1 x 1 Slot Support Beam with 1/4 - 20 Socket Head Cap Screws.
- Surface "B" attaches firmly to the side of the other 1 x 1 Slot Support Beam with fasteners listed below.

MATERIAL:

- Pressure Die-cast Aluminum.

WEIGHT:

- 0.38 lb [0.17 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to the end of the one support beam:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.

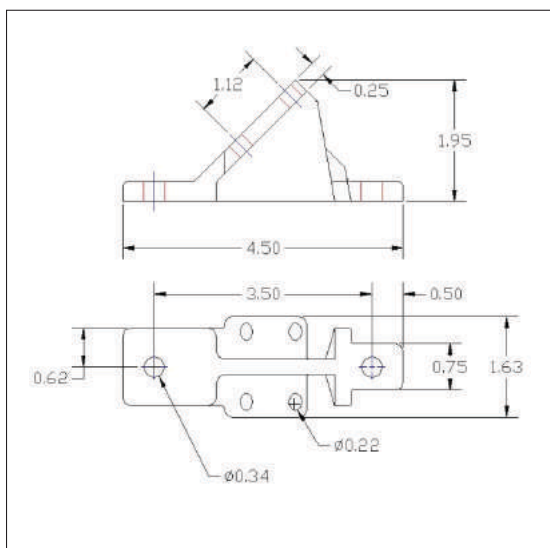
For attachment to the side of the other support beam:

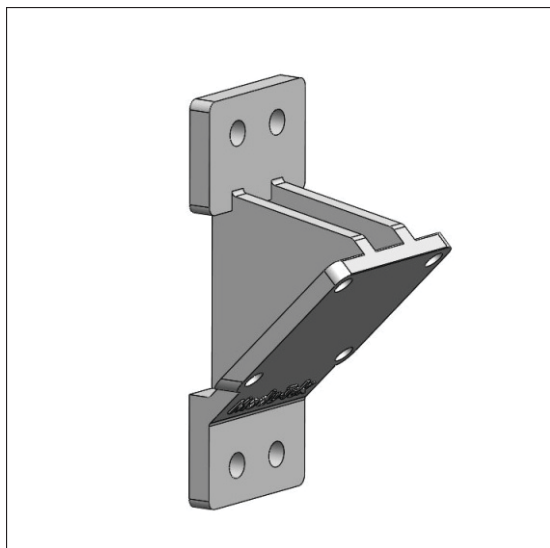
- 5/16" - 18 x 7/8" T-bolts (H0100221), 2 each.
- 5/16" Flat Washers (68N34WSDZ/089), 2 each.
- 5/16" - 18 Nylon Insert Thin Height Lock Nuts (31CNTEZ), 2 each.

OR

- 5/16" - 18 x 3/4" Hex Head Cap Screws (31C75HCS5Z), 2 each.
- 5/16" Flat Washers (68N34WSDZ/089), 2 each.
- Double Square Nuts (H0100721), 2 each.

Assembly Note: When using Hex Head Cap Screws and Double Square Nuts with this bracket in applications where the hardware may vibrate, apply Locktite™ #262 to the outside thread of the Cap Screws before insertion to prevent loosening.





B010102100 2 x 2 Slot 45° Web Bracket

TYPICAL USE:

- To join the end of a 2-slot Support Beam to the side of another 2-slot Support Beam at a 45° angle.
- Provides support structure sway bracing.

FEATURES:

- Provides easy alignment for 45° angle gussets.
- Surface "A" depicted in the 2-D illustration attaches firmly to the end of a 2 x 2 Slot Support Beam with 1/4" - 20 Socket Head Cap Screws.
- Surface "B" attaches firmly to the side of the other 2 x 2 Slot Support Beam with fasteners listed below.

MATERIAL:

- Pressure Die-cast Aluminum.

WEIGHT:

- 0.50 lb [0.23 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to the end of the 2 x 2 Slot Support Beam:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.

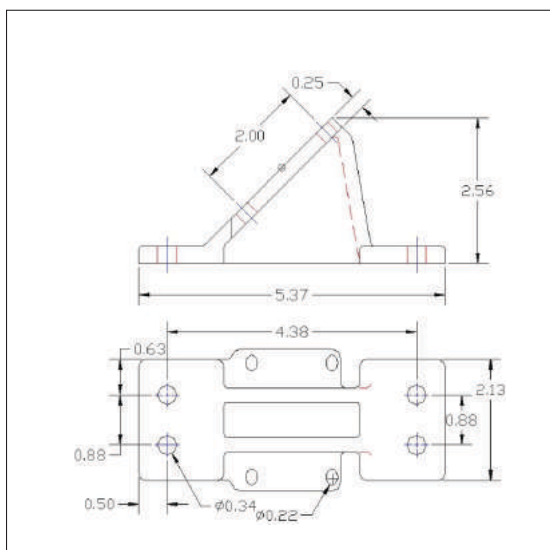
For attachment to the side of the other support beam:

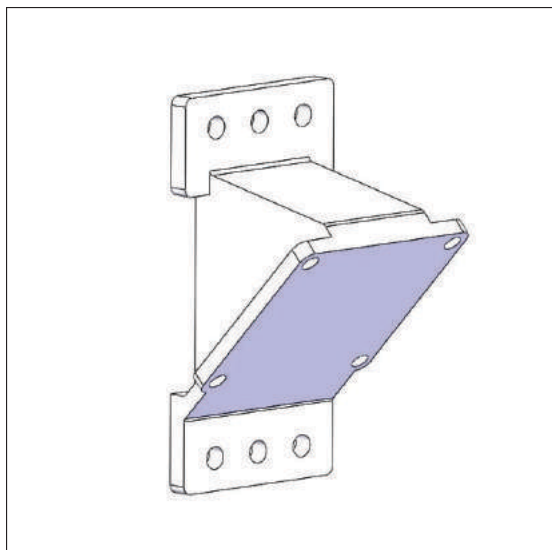
- 5/16" - 18 x 7/8" T-bolts (H0100221), 4 each.
- 5/16" Flat Washers (68N34WSDZ/089), 4 each.
- 5/16" - 18 Nylon Insert Thin Height Lock Nuts (31CNTEZ), 4 each.

OR

- 5/16" - 18 x 3/4" Hex Head Cap Screws (31C75HCS5Z), 4 each.
- 5/16" Flat Washers (68N34WSDZ/089), 4 each.
- Double Square Nuts (H0100721), 4 each.

Assembly Note: When using Hex Head Cap Screws and Double Square Nuts with this bracket in applications where the hardware may vibrate, apply Locktite™ #262 to the outside thread of the Cap Screws before insertion to prevent loosening.





B010112100 3 x 3 Slot 45° Web Bracket

TYPICAL USE:

- To join the end of a 3-slot Support Beam to the side of another 3-slot Support Beam at a 45° angle.
- Provides support structure sway bracing.

FEATURES:

- Provides easy alignment for 45° angle gussets.
- Surface "A" depicted in the 2-D illustration attaches firmly to the end of a 3 x 3 Slot Support Beam with 1/4 - 20 Socket Head Cap Screws.
- Surface "B" attaches firmly to the side of the other 3 x 3 Slot Support Beam with fasteners listed below.

MATERIAL:

- Pressure Die-cast Aluminum.

WEIGHT:

- 0.63 lb [0.28 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to the end of the 3 x 3 Slot Support Beam:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.

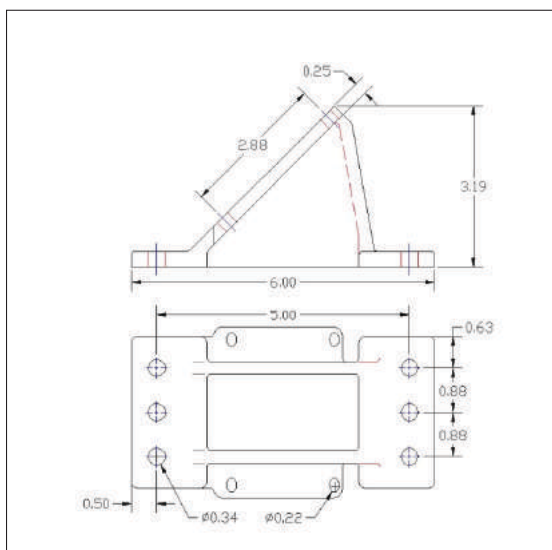
For attachment to the side of the other support beam:

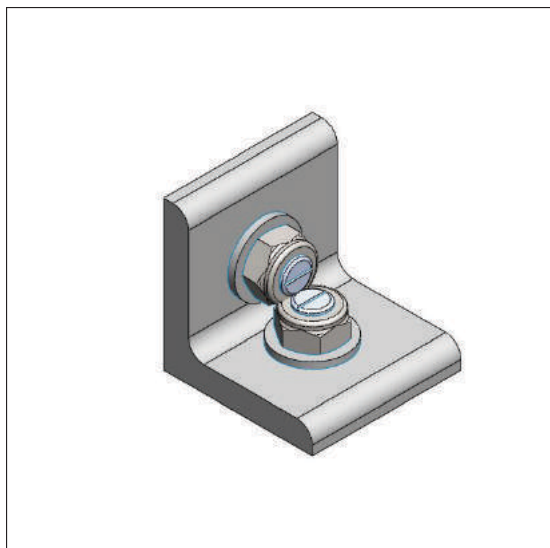
- 5/16" - 18 x 7/8" T-bolts (H0100221), 6 each.
- 5/16" Flat Washers (68N34WSDZ/089), 6 each.
- 5/16" - 18 Nylon Insert Thin Height Lock Nuts (31CNTEZ), 6 each.

OR

- 5/16" - 18 x 3/4" Hex Head Cap Screws (31C75HCS5Z), 6 each.
- 5/16" Flat Washers (68N34WSDZ/089), 6 each.
- Double Square Nuts (H0100721), 6 each.

Assembly Note: When using Hex Head Cap Screws and Double Square Nuts with this bracket in applications where the hardware may vibrate, apply Locktite™ #262 to the outside thread of the Cap Screws before insertion to prevent loosening.





B020011100 1 x 1 Slot Angle Bracket Assembly

TYPICAL USE:

- To attach a 1-slot support beam to a machine base.

MATERIAL:

- 6061-T6 Aluminum Alloy Angle.

SURFACE FINISH:

- Clear Anodize.

WEIGHT:

- 0.10 lb [0.05 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For a Support Beam Joint:

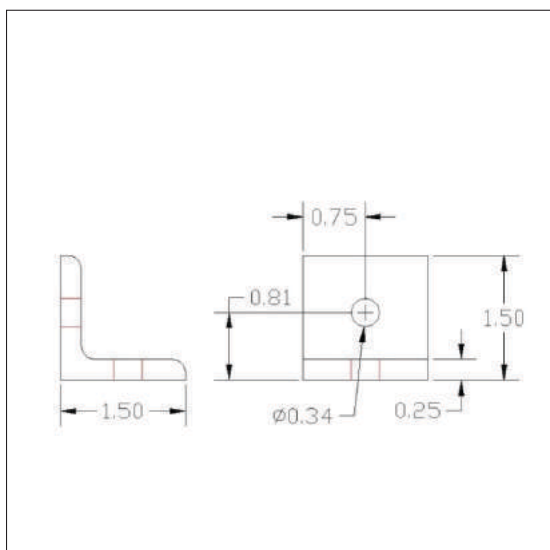
- 5/16" - 18 x 5/8" Button Head Cap Screws (31C62KBCS), 2 each.
- 5/16" Double Square Nuts (H0100721), 2 each.

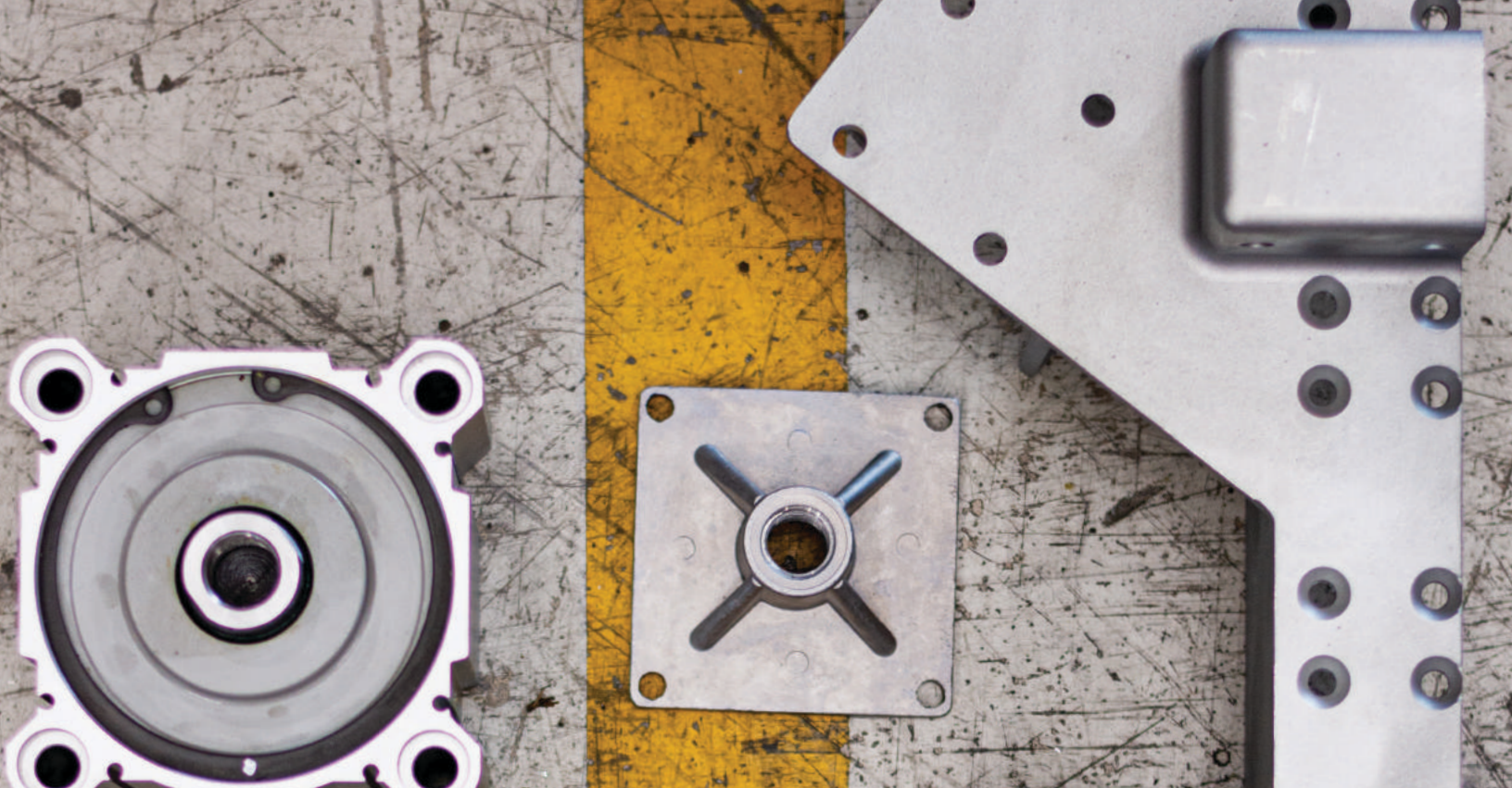
OR

For Attachment to a Machine Base:

- 5/16" - 18 x 5/8" Button Head Cap Screws (31C62KBCS), 2 each.
- 5/16" Double Square Nut (H0100721), 1 each.

Assembly Note: When using Hex Head Cap Screws and Double Square Nuts with this bracket in applications where the hardware may vibrate, apply Locktite™ #262 to the outside thread of the Cap Screws before insertion to prevent loosening.



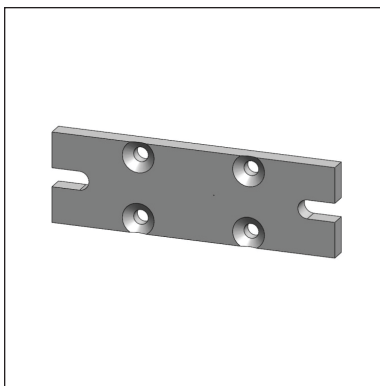


ADAPTER/JOINING PLATES





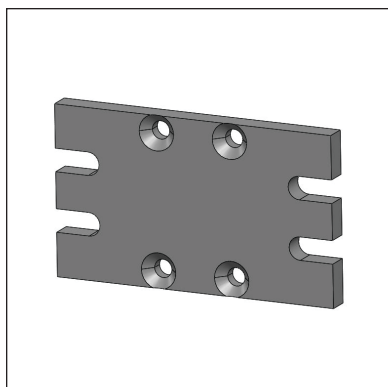
1 x 1 Slot End Adapter Plate
B030012100
Page 41



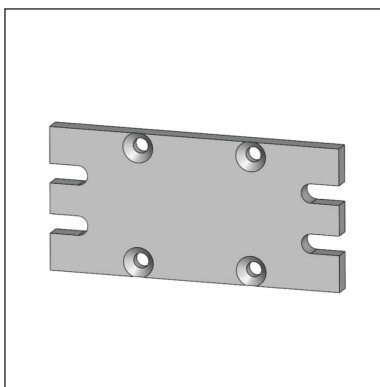
1 x 2 Slot End Adapter Plate
B030022100
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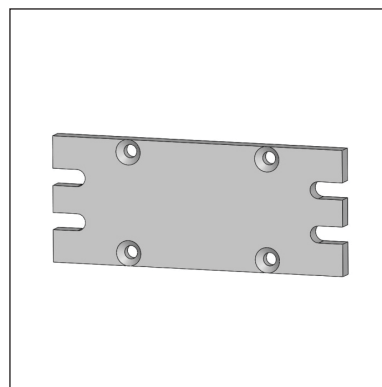
1 x 3 Slot End Adapter Plate
B030032100
Page 43



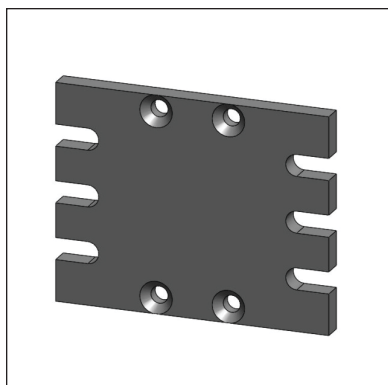
2 x 1 Slot End Adapter Plate
B030042100
Page 44



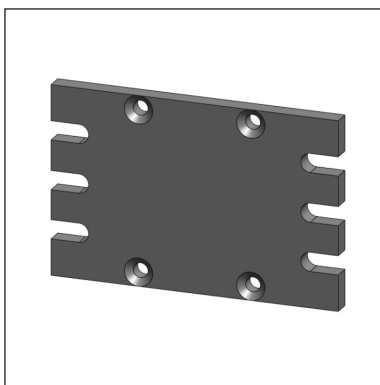
2 x 2 Slot End Adapter Plate
B030052100
Page 45



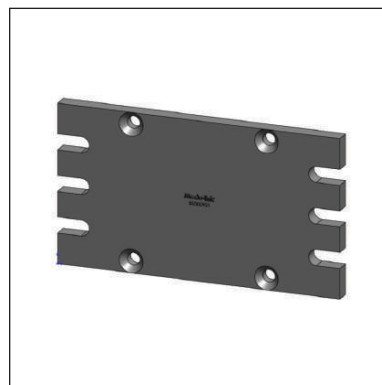
2 x 3 Slot End Adapter Plate
B030062100
Page 46



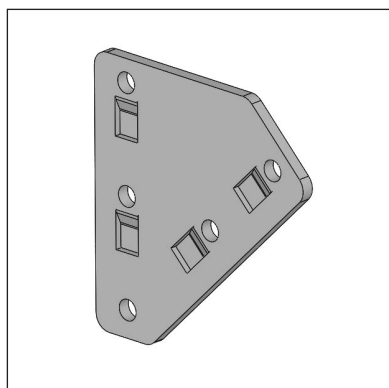
3 x 1 Slot End Adapter Plate
B030072100
Page 47



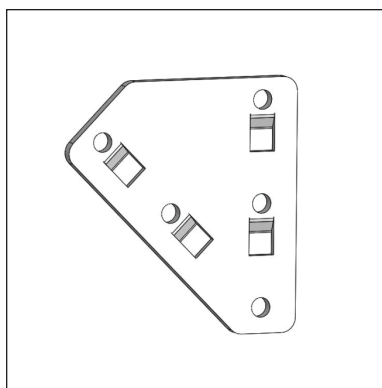
3 x 2 Slot End Adapter Plate
B030082100
Page 48



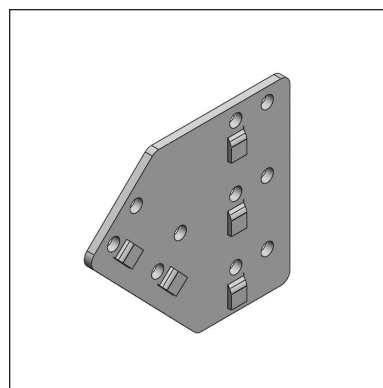
3 x 3 Slot End Adapter Plate
B030092100
Page 49



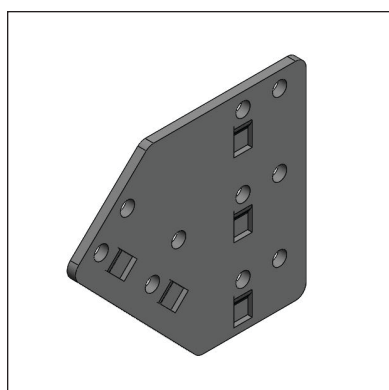
1-Slot 45° Right Hand Corner
Joining Plate
B050052100
Page 50



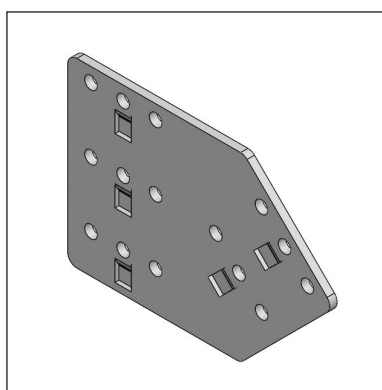
1-Slot 45° Left Hand Corner
Joining Plate
B050062100
Page 51



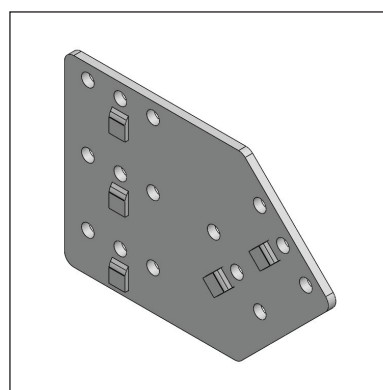
2-Slot 45° Right Hand Corner
Joining Plate
B050072100
Page 52



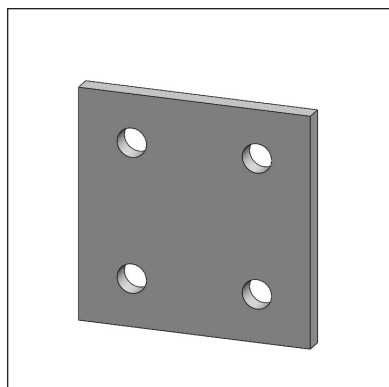
2-Slot 45° Left Hand Corner
Joining Plate
B050082100
Page 53



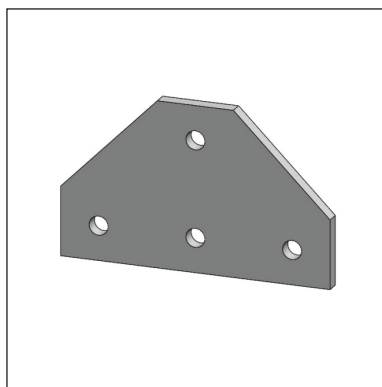
3-Slot 45° Right Corner
Joining Plate
B050092100
Page 54



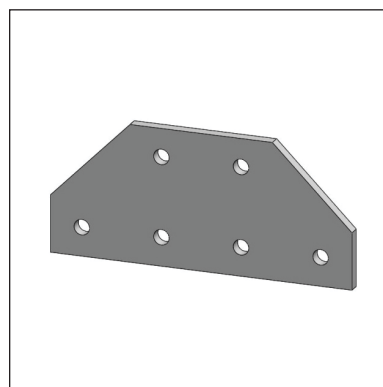
3-Slot 45° Left Corner Joining Plate
B050102100
Page 55



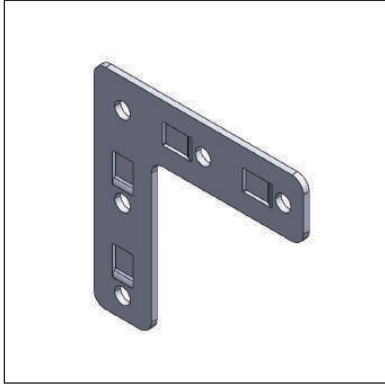
1 x 1 Joining Plate
B050112100
Page 56



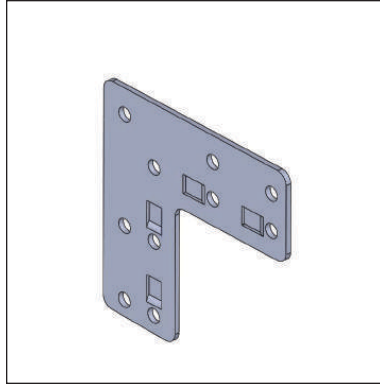
1 x 1 (4-Hole Tee) Joining Plate
B050122100
Page 57



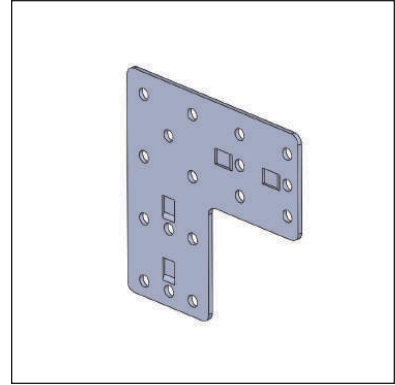
1 x 1 (6-Hole Tee) Joining Plate
B050132100
Page 58



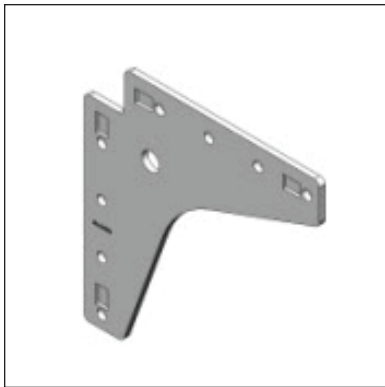
1-Slot 90° Corner Joining Plate
B050012100
Page 59



2-Slot 90° Corner Joining Plate
B050022100
Page 60



3-Slot 90° Corner Joining Plate
B050032100
Page 61



1-Slot Heavy Duty Corner
Joining Plate
B050042102
Page 62



B030012100
1 x 1 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 1, 1 x 2, or 1 x 3 Slot Support Beams perpendicularly to 1 x 1 Slot Support Beams in cross beam applications.

FEATURES:

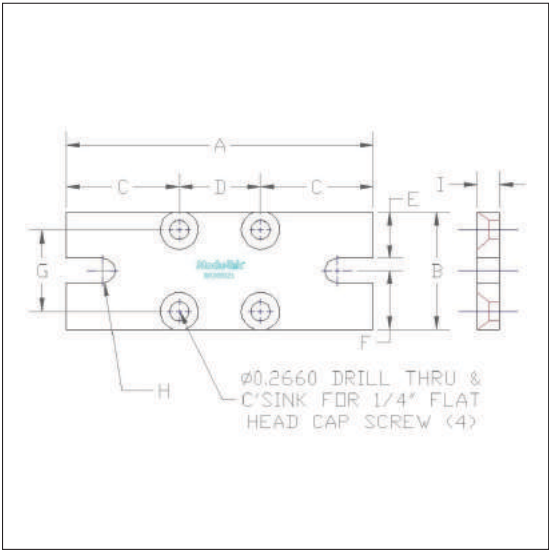
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 1 x 1 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 1, 1 x 2, or 1 x 3 Slot Support Beam.

MATERIAL:

- Mild Steel, Zinc Plated.

WEIGHT:

- 0.19 lb [0.09 kg]



	Inches (in.)	Millimeters (mm)
A	4.25	107.95
B	1.63	41.28
C	1.56	39.69
D	1.13	28.58
E	0.64	16.26
F	0.81	20.57
G	1.13	28.58
H	R 0.17	R 4.32
I	0.31	7.94



B030022100
1 x 2 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 1, 1 x 2, or 1 x 3 Slot Support Beams perpendicularly to 1 x 2 Slot Support Beams in cross beam applications.

FEATURES:

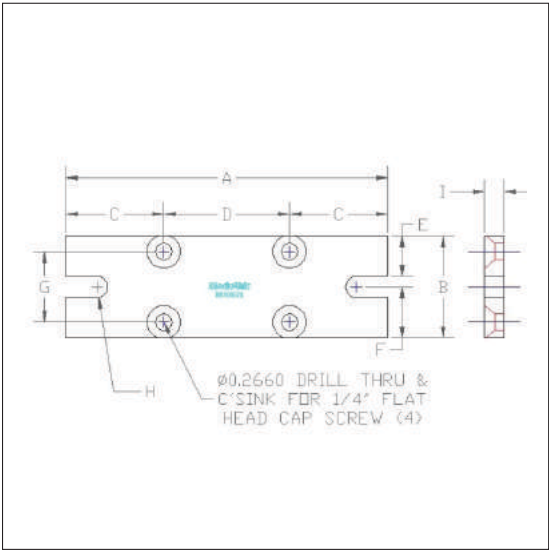
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 1 x 2 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 1, 1 x 2, or 1 x 3 Slot Support Beam.

MATERIAL:

- Mild Steel, Zinc Plated.

WEIGHT:

- 0.24 lb [0.11 kg]



	Inches (in.)	Millimeters (mm)
A	5.13	130.30
B	1.63	41.28
C	1.56	39.69
D	2.00	50.8
E	0.64	16.26
F	0.81	20.57
G	1.13	28.58
H	R 0.17	R 4.32
I	0.31	7.94



B030032100
1 x 3 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 1, 1 x 2, or 1 x 3 Slot Support Beams perpendicularly to 1 x 3 Slot Support Beams in cross beam applications.

FEATURES:

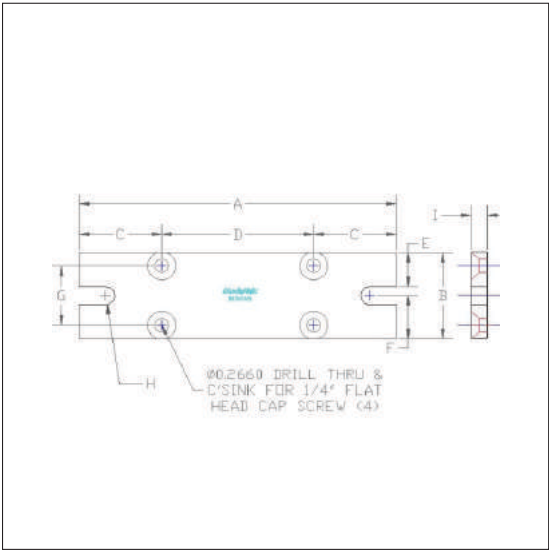
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 1 x 3 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 1, 1 x 2, or 1 x 3 Slot Support Beam.

MATERIAL:

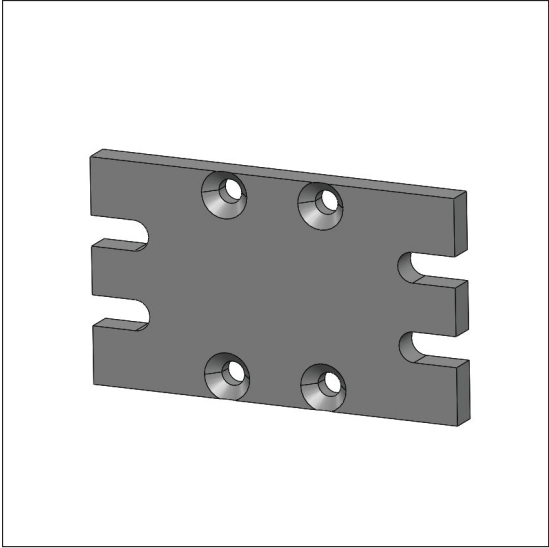
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.29 lb [0.13 kg]



	Inches (in.)	Millimeters (mm)
A	6.00	152.40
B	1.63	41.28
C	1.56	39.69
D	2.88	73.15
E	0.64	16.26
F	0.81	20.57
G	1.13	28.58
H	R 0.17	R 4.32
I	0.31	7.94



B030042100
2 x 1 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 2, 2 x 2, or 2 x 3 Slot Support Beams perpendicularly to 1 x 2 Slot Support Beams in cross beam applications.

FEATURES:

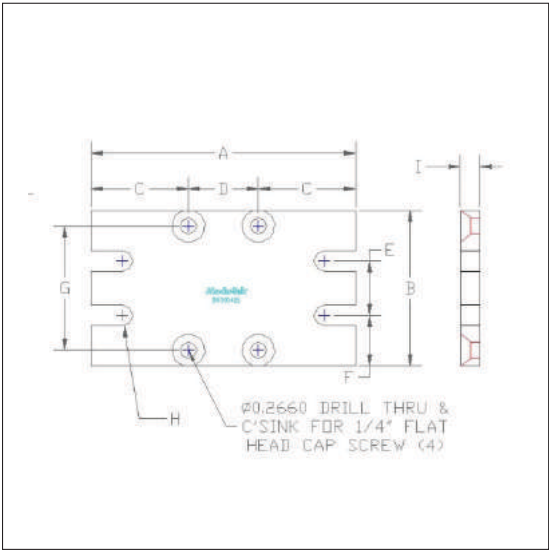
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 1 x 2 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 2, 2 x 2, or 2 x 3 Slot Support Beam.

MATERIAL:

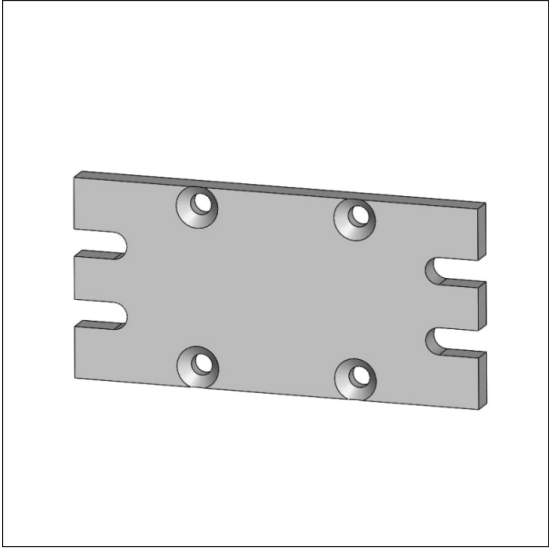
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.30 lb [0.14 kg]



	Inches (in.)	Millimeters (mm)
A	4.25	107.95
B	2.50	63.50
C	1.56	39.69
D	1.13	28.70
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	R 0.17	R 4.32
I	0.31	7.94



B030052100
2 x 2 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 2, 2 x 2, or 2 x 3 Slot Support Beams perpendicularly to 2 x 2 Slot Support Beams in cross beam applications.

FEATURES:

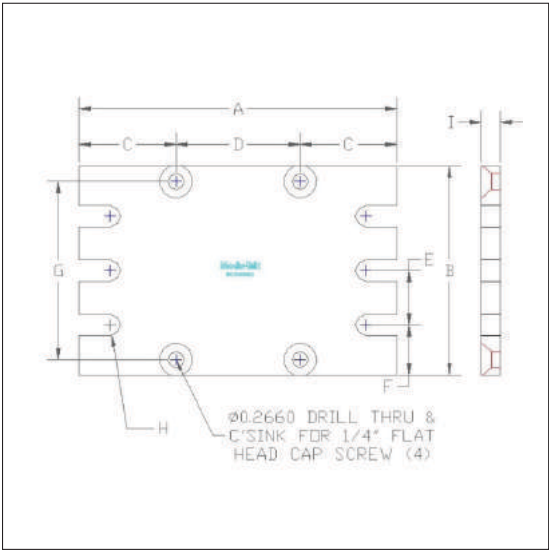
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 2 x 2 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 2, 2 x 2, or 2 x 3 Slot Support Beam.

MATERIAL:

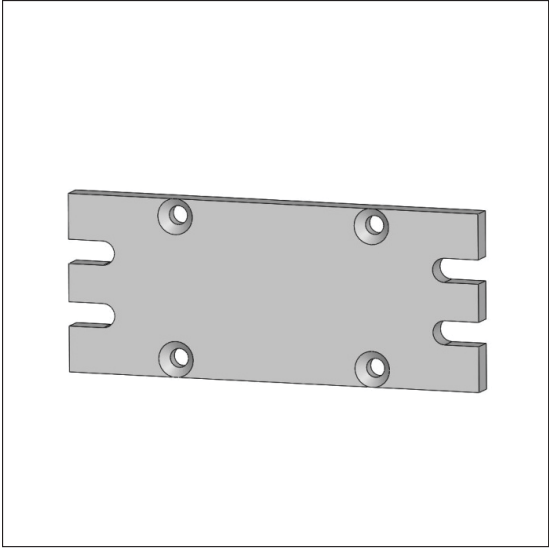
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.38 lb [0.17 kg]



	Inches (in.)	Millimeters (mm)
A	5.13	130.30
B	2.50	63.50
C	1.56	39.62
D	2.00	50.80
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	Ø 0.34	Ø 8.64
I	0.31	7.94



B030062100
2 x 3 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 2, 2 x 2, or 2 x 3 Slot Support Beams perpendicularly to 2 x 3 Slot Support Beams in cross beam applications.

FEATURES:

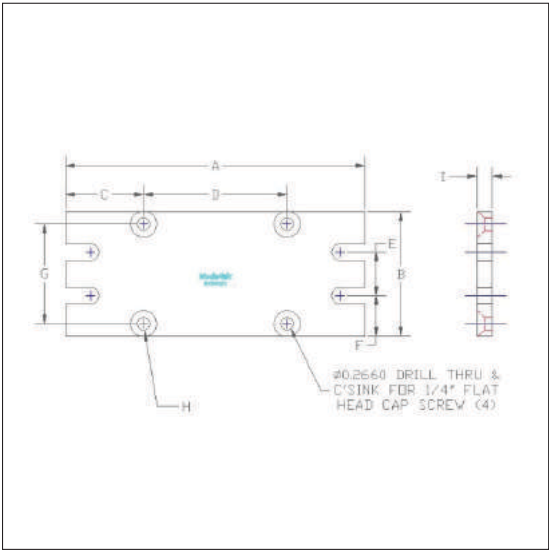
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 2 x 3 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 2, 2 x 2, or 2 x 3 Slot Support Beam.

MATERIAL:

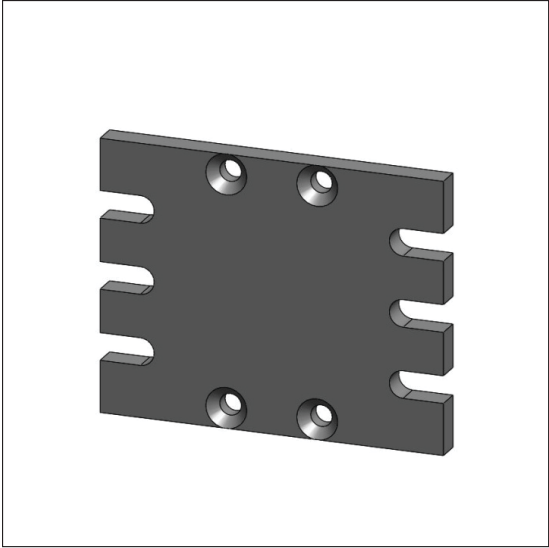
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.45 lb [0.20 kg]



	Inches (in.)	Millimeters (mm)
A	6.00	152.40
B	2.50	63.50
C	1.56	39.62
D	2.88	73.15
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	Ø 0.34	Ø 8.64
I	0.31	7.94



B030072100
3 x 1 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 3, 2 x 3, or 3 x 3 Slot Support Beams perpendicularly to 1 x 3 Slot Support Beams in cross beam applications.

FEATURES:

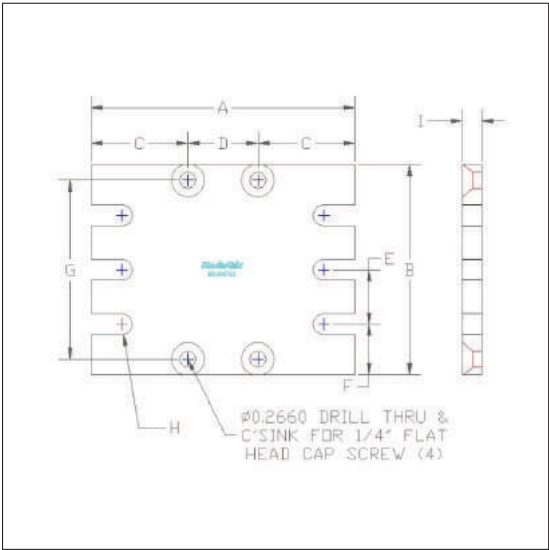
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 1 x 3 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 3, 2 x 3, or 3 x 3 Slot Support Beam.

MATERIAL:

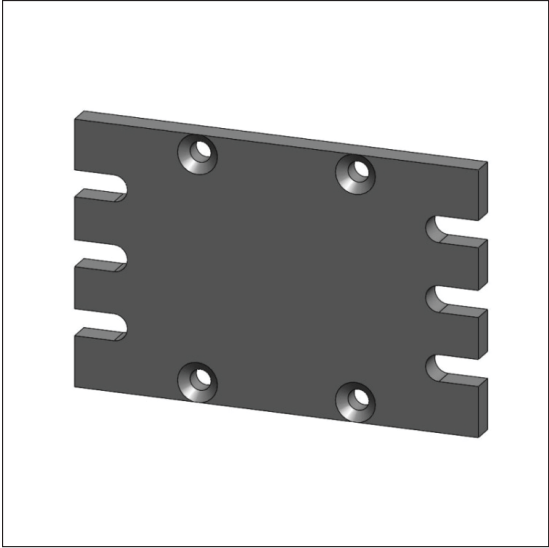
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.41 lb [0.18 kg]



	Inches (in.)	Millimeters (mm)
A	4.25	107.95
B	3.38	85.85
C	1.56	39.69
D	1.13	28.70
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	R 0.17	R 4.32
I	0.31	7.94



B030082100
3 x 2 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 3, 2 x 3, or 3 x 3 Slot Support Beams perpendicularly to 2 x 3 Slot Support Beams in cross beam applications.

FEATURES:

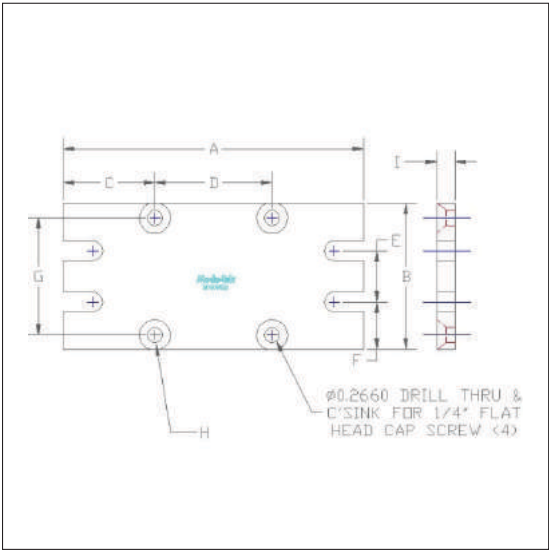
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 2 x 3 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 3, 2 x 3, or 3 x 3 Slot Support Beam.

MATERIAL:

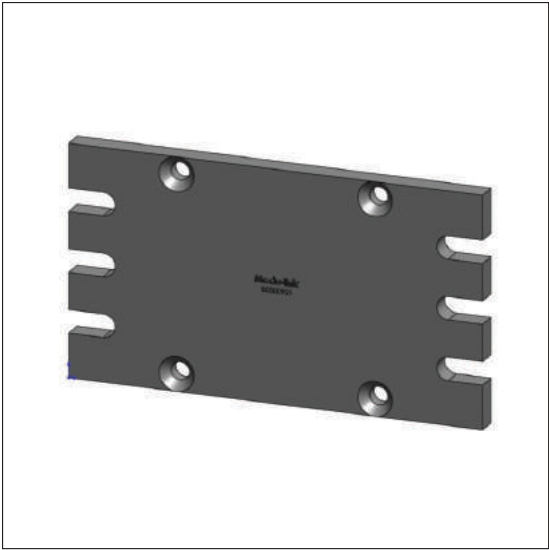
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.50 lb [0.23 kg]



	Inches (in.)	Millimeters (mm)
A	5.13	130.30
B	3.38	85.85
C	1.56	39.62
D	2.00	50.80
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	R 0.17	R 4.32
I	0.31	7.94



B030092100

3 x 3 Slot End Adapter Plate

TYPICAL USE:

- To mount 1 x 3, 2 x 3, or 3 x 3 Slot Support Beams perpendicularly to 3 x 3 Slot Support Beams in cross beam applications.

FEATURES:

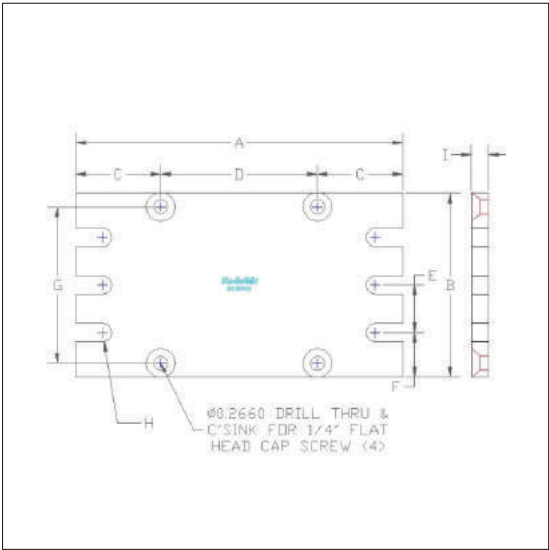
- Provides alignment for two perpendicular support beams.
- 1/4" - 20 x 1 1/4" Flat Head Cap Screws secure the end of a 3 x 3 Slot Support Beam to the bracket on surface "A".
- T-bolts or Hex Head Cap Screws secure surface "B" of the bracket to the side of the mating 1 x 3, 2 x 3, or 3 x 3 Slot Support Beam.

MATERIAL:

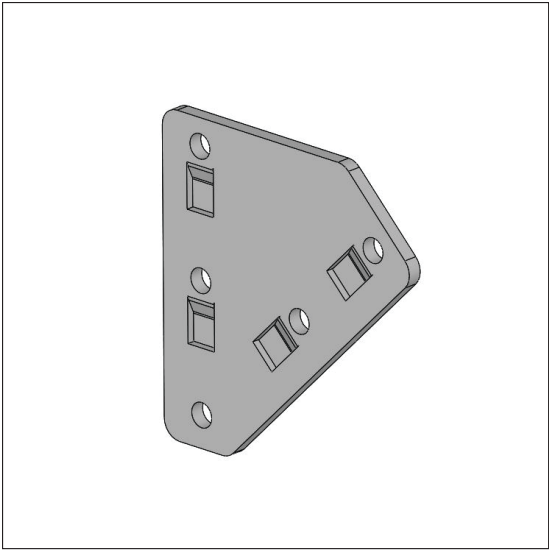
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.60 lb [0.27 kg]



	Inches (in.)	Millimeters (mm)
A	6.00	152.40
B	3.38	85.85
C	1.56	39.62
D	2.88	73.15
E	0.88	22.35
F	0.81	20.57
G	2.00	50.80
H	R 0.17	R 4.32
I	0.31	7.94



B050052100
1-Slot 45° Right Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 1, 1 x 2, and 1 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

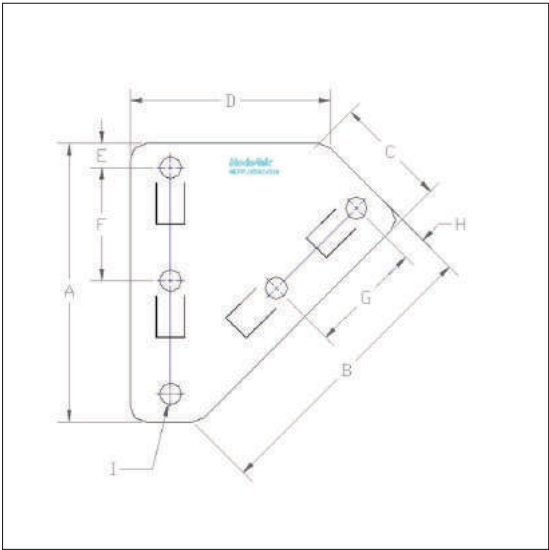
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

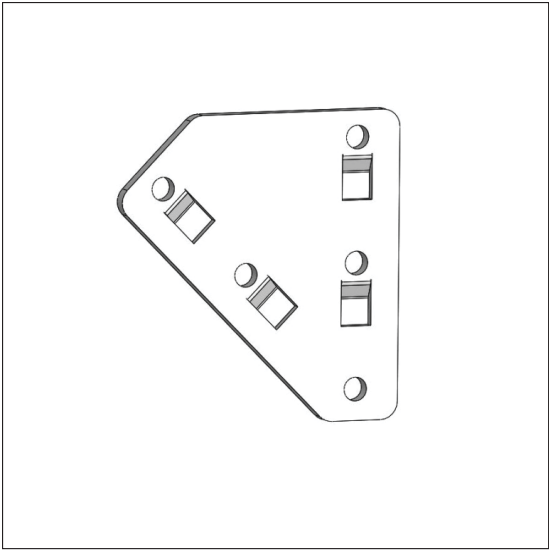
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.41 lb [0.18 kg]



	Inches (in.)	Millimeters (mm)
A	4.31	109.47
B	4.50	114.30
C	1.74	44.20
D	3.10	78.74
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64



B050062100
1-Slot 45° Left Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 1, 1 x 2, and 1 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

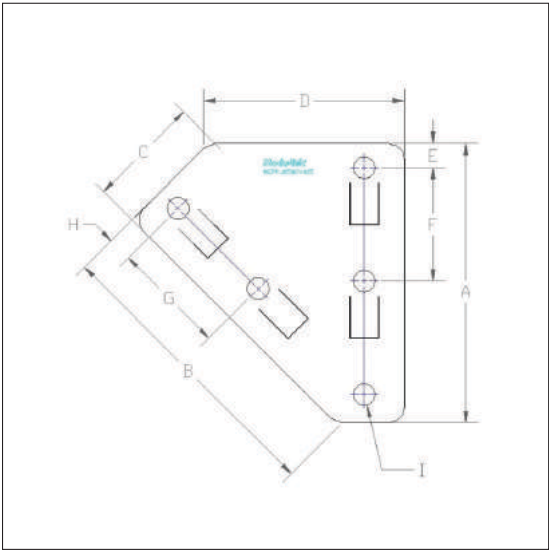
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

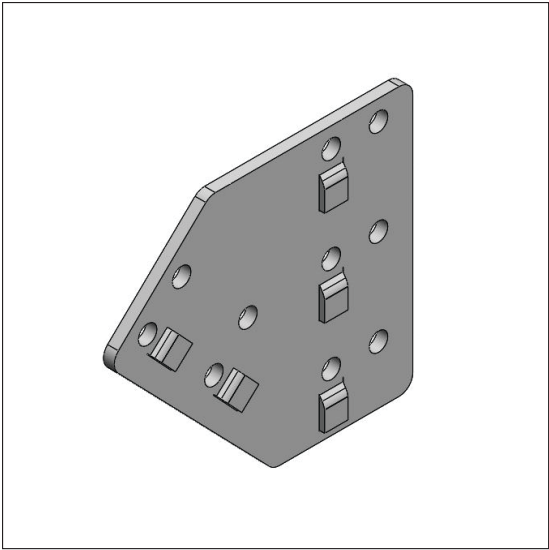
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.41 lb [0.18 kg]



	Inches (in.)	Millimeters (mm)
A	4.31	109.47
B	4.50	114.30
C	1.74	44.20
D	3.10	78.74
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64



B050072100
2-Slot 45° Right Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 2, 2 x 2, and 2 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

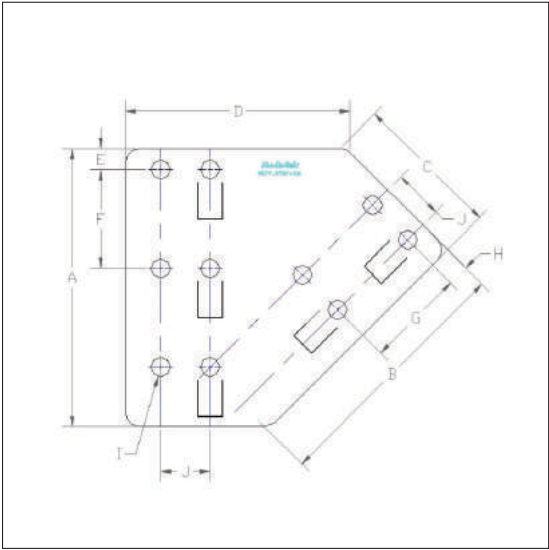
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

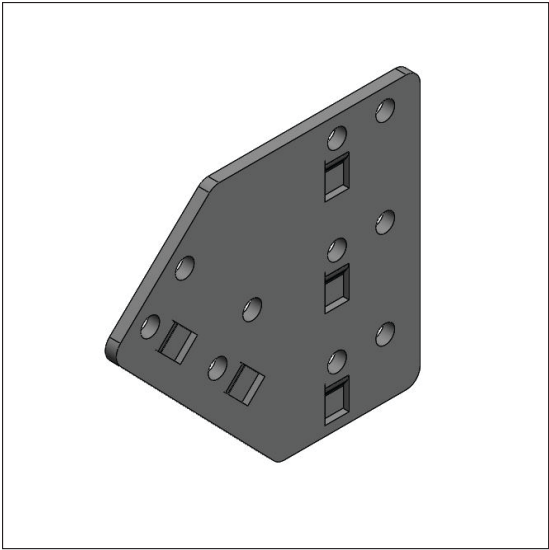
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.69 lb [0.32 kg]



	Inches (in.)	Millimeters (mm)
A	4.93	125.22
B	4.50	114.30
C	1.86	47.24
D	3.97	100.84
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64
J	0.88	22.35



B050082100
2-Slot 45° Left Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 2, 2 x 2, and 2 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

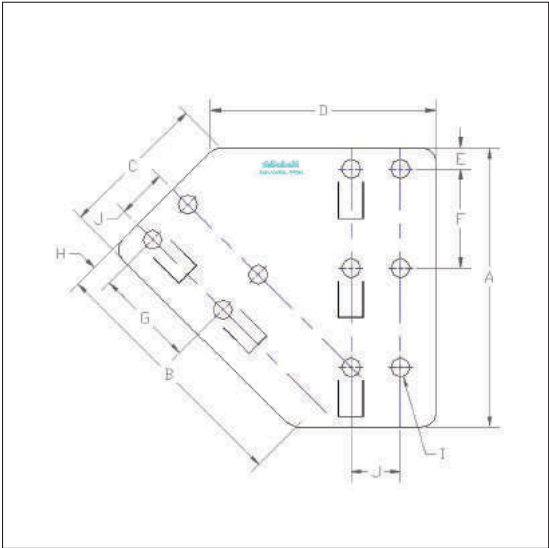
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

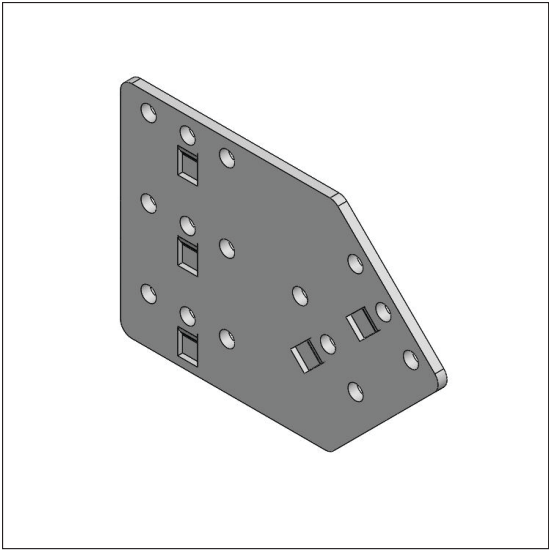
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.69 lb [0.32 kg]



	Inches (in.)	Millimeters (mm)
A	4.93	125.22
B	4.50	114.30
C	1.86	47.24
D	3.97	100.84
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64
J	0.88	22.35



B050092100
3-Slot 45° Right Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 3, 2 x 3, and 3 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

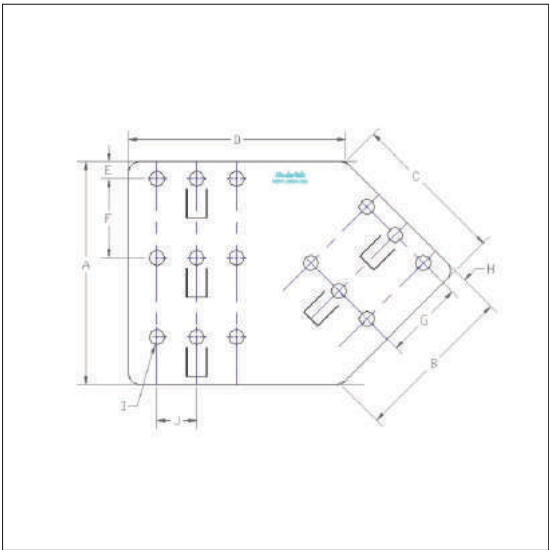
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

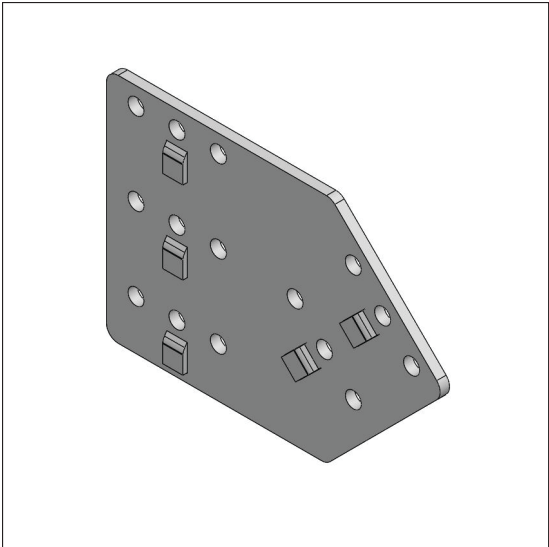
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.95 lb [0.43 kg]



	Inches (in.)	Millimeters (mm)
A	4.93	125.22
B	3.56	90.42
C	3.42	86.87
D	4.78	121.41
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64
J	0.88	22.35



B050102100
3-Slot 45° Left Hand Corner
Joining Plate

TYPICAL USE:

- To connect 1 x 3, 2 x 3, and 3 x 3 Slot Support Beams to one another at a 45° angle.

FEATURES:

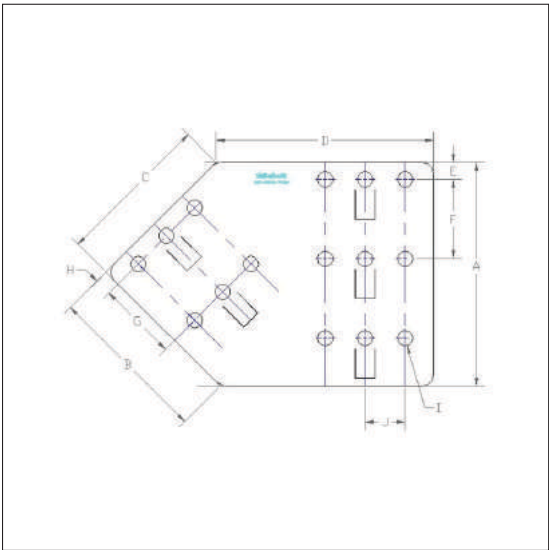
- Provides alignment of two support beams at a 45° angle.
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure a correct joint angle.

MATERIAL:

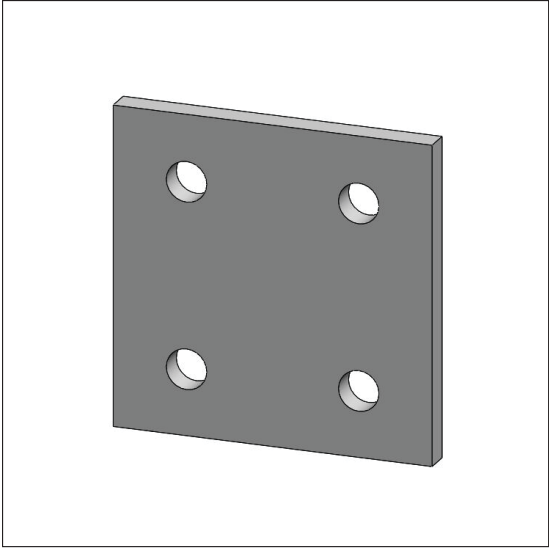
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.95 lb [0.43 kg]



	Inches (in.)	Millimeters (mm)
A	4.93	125.22
B	3.56	90.42
C	3.42	86.87
D	4.78	121.41
E	0.38	9.65
F	1.75	44.45
G	1.75	44.45
H	0.38	9.65
I	Ø 0.34	Ø 8.64
J	0.88	22.35



B050112100
1 x 1 Joining Plate

TYPICAL USE:

- To mount 1 x 1 support beams side by side for guarding applications.

FEATURES:

- T-bolts secure the plate to the support beams for ease of assembly.

MATERIAL:

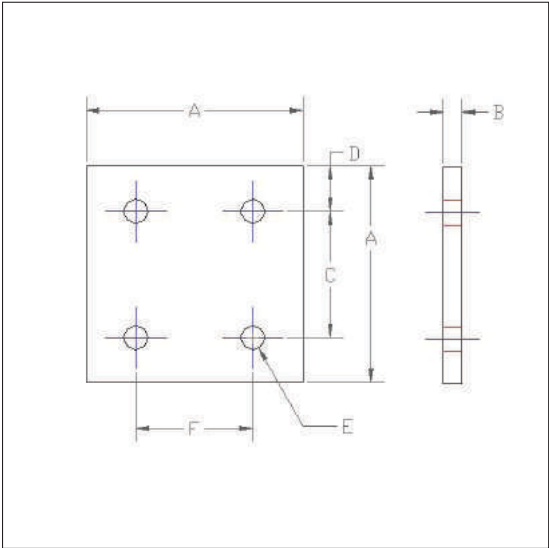
- Clear Anodized Aluminum.

WEIGHT:

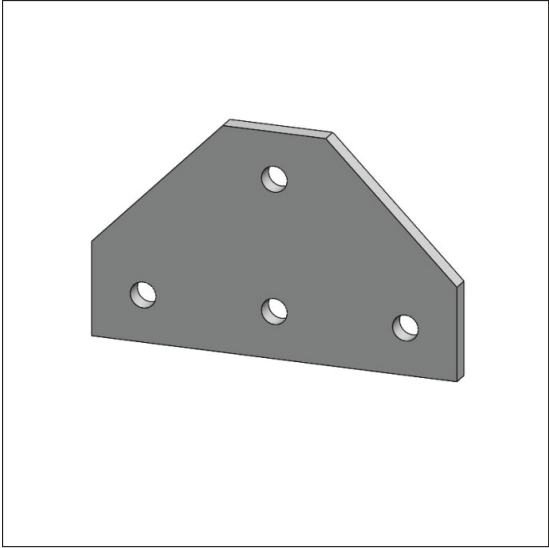
- 0.21 lb [0.10 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 3/4" T-bolts (H010012100), 4 each.
- 5/16" - 18 Nylon Insert Flange Lock Nuts (31CNNEFW), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.00	76.20
B	0.25	6.35
C	1.75	44.45
D	0.63	16.00
E	Ø 0.34	Ø 8.64
F	1.62	41.15
G	–	–
H	–	–
I	–	–
J	–	–



B050122100
1 x 1 (4-Hole) Tee Joining Plate

TYPICAL USE:

- To mount 1 x 1 support beams in a Tee configuration for guarding applications.

FEATURES:

- T-bolts secure the plate to the support beams for ease of assembly.

MATERIAL:

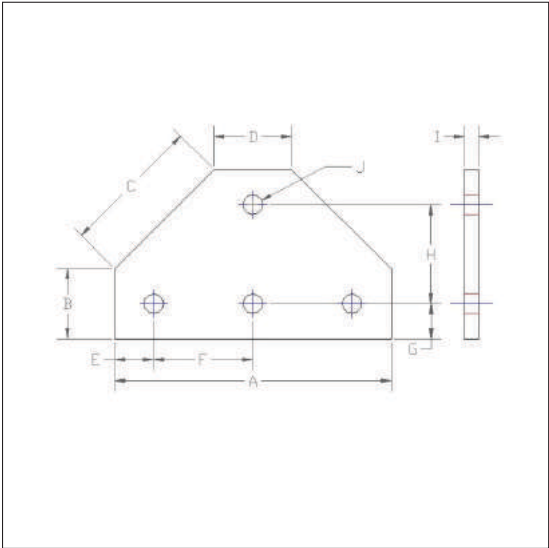
- Clear Anodized Aluminum.

WEIGHT:

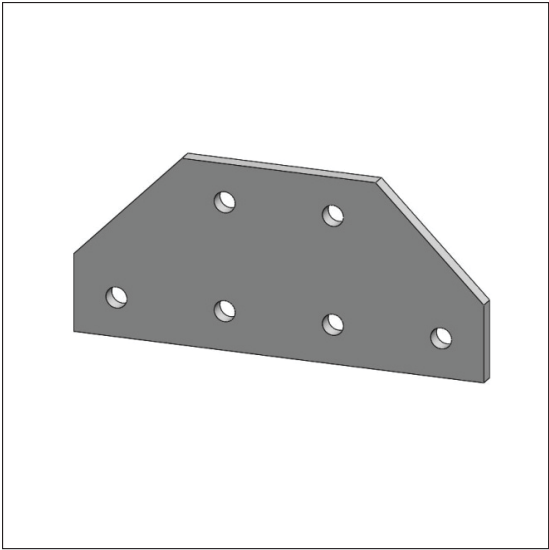
- 0.27 lb [0.12 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 3/4" T-bolts (H010012100), 4 each.
- 5/16" - 18 Nylon Insert Flange Lock Nuts (31CNNEFW), 4 each.



	Inches (in.)	Millimeters (mm)
A	4.88	123.95
B	1.25	31.75
C	2.47	62.74
D	1.38	34.93
E	0.69	17.46
F	1.75	44.45
G	0.63	16.00
H	1.75	44.45
I	0.25	6.35
J	Ø 0.34	Ø 8.64



B050132100
1 x 1 (6-Hole) Tee Joining Plate

TYPICAL USE:

- To mount 1 x 1 support beams side by side for guarding applications.

FEATURES:

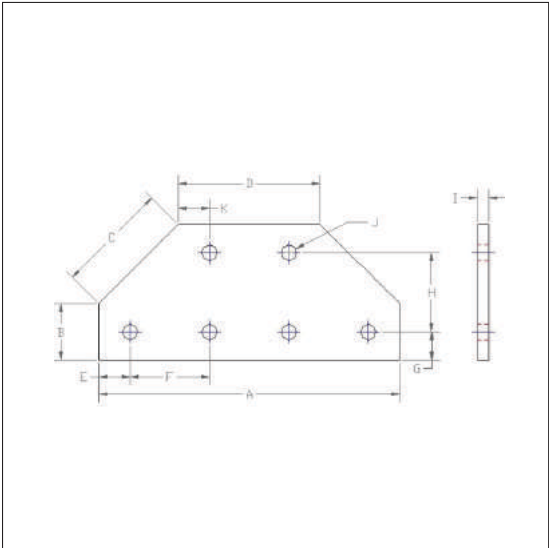
- T-bolts secure the plate to the support beams for ease of assembly.

MATERIAL:

- Clear Anodized Aluminum.

WEIGHT:

- 0.39 lb [0.18 kg]



	Inches (in.)	Millimeters (mm)
A	6.63	168.28
B	1.25	31.75
C	2.47	62.74
D	3.13	79.50
E	0.69	17.46
F	1.75	44.45
G	0.63	16.00
H	1.75	44.45
I	0.25	6.35
J	Ø 0.34	Ø 8.64
K	0.69	17.46



B050012100
1-Slot 90° Corner Joining Plate

TYPICAL USE:

- To connect 1 x 1, 1 x 2, and 1 x 3 Slot Support Beams to one another at a perpendicular (90°) angle.

FEATURES:

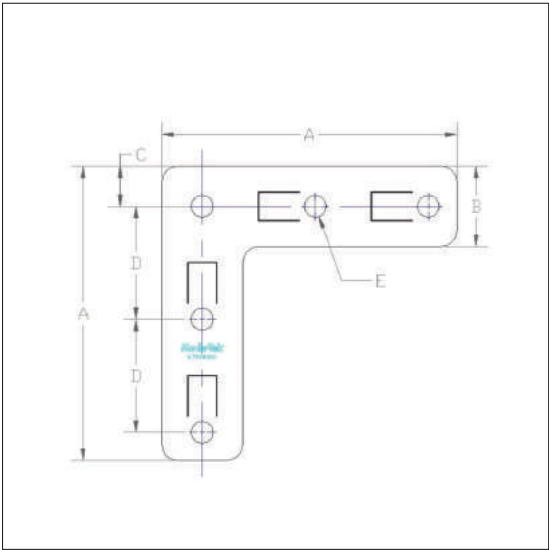
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure squareness of the joint.

MATERIAL:

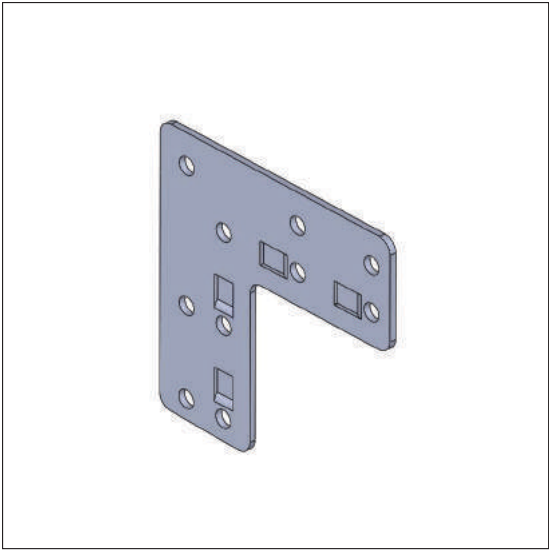
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.32 lb [0.14 kg]



	Inches (in.)	Millimeters (mm)
A	4.56	115.82
B	1.25	31.75
C	0.63	16.00
D	1.75	44.45
E	Ø 0.34	Ø 8.64
F	–	–
G	–	–
H	–	–
I	–	–



B050022100
2-Slot 90° Corner Joining Plate

TYPICAL USE:

- To connect 1 x 2, 2 x 2, and 2 x 3 Slot Support Beams to one another at a perpendicular (90°) angle.

FEATURES:

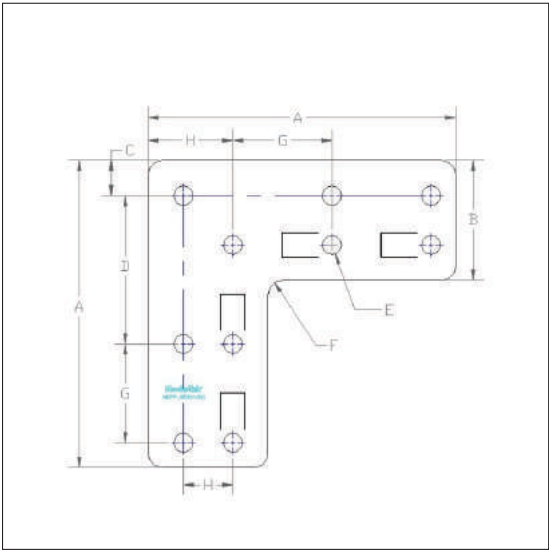
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure squareness of the joint.

MATERIAL:

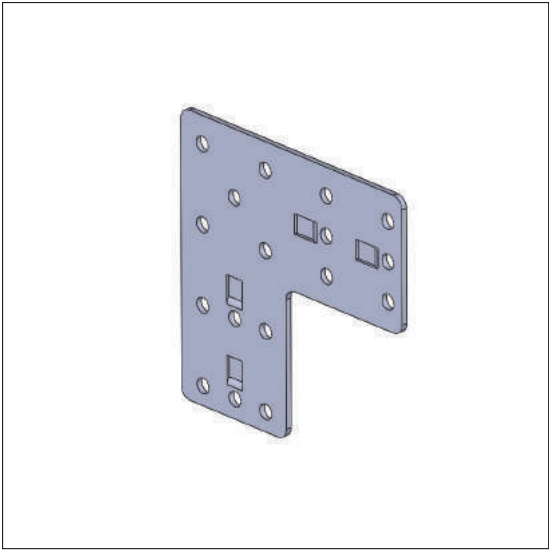
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.60 lb [0.27 kg]



	Inches (in.)	Millimeters (mm)
A	5.44	138.18
B	2.13	53.98
C	0.63	16.00
D	2.63	66.80
E	Ø 0.34	Ø 8.64
F	R 0.25	R 6.35
G	1.75	44.45
H	1.50	38.10
I	–	–



B050032100
3-Slot 90° Corner Joining Plate

TYPICAL USE:

- To connect 1 x 3, 2 x 3, and 3 x 3 Slot Support Beams to one another at a perpendicular (90°) angle.

FEATURES:

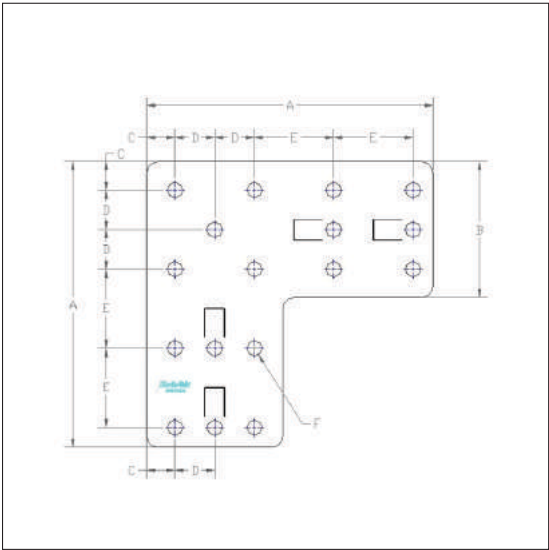
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure squareness of the joint.

MATERIAL:

- Mild Steel, Zinc Plated.

WEIGHT:

- 0.93 lb [0.42 kg]



	Inches (in.)	Millimeters (mm)
A	6.31	160.34
B	3.00	76.20
C	0.63	16.00
D	0.88	22.23
E	1.75	44.45
F	Ø 0.34	Ø 8.64
G	–	–
H	–	–
I	–	–



B050042102
1-Slot Heavy Duty Joining Plate

TYPICAL USE:

- To connect 1 x 3, 2 x 3, and 3 x 3 Slot Support Beams to one another at a perpendicular (90°) angle.

FEATURES:

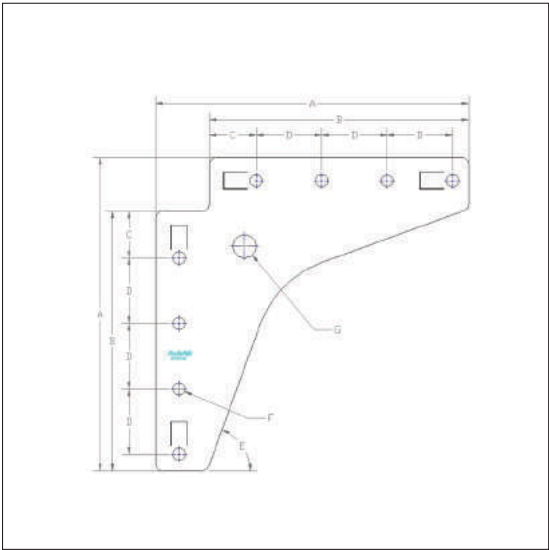
- Recessed tabs allow for the accurate positioning into beam T-slots to ensure squareness of the joint.

MATERIAL:

- Mild Steel, Zinc Plated.

WEIGHT:

- 0.93 lb [0.42 kg]

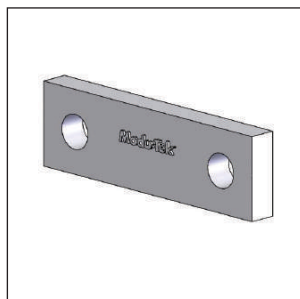


	Inches (in.)	Millimeters (mm)
A	8.38	212.73
B	6.94	176.21
C	1.25	31.75
D	1.75	44.45
E	70.00°	1778.00°
F	Ø 0.34	Ø 8.64
G	Ø 0.63	Ø 16.00
H	–	–
I	–	–

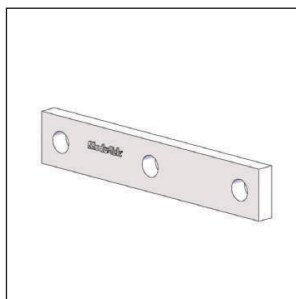


STRAP NUTS & JOINER STRIPS

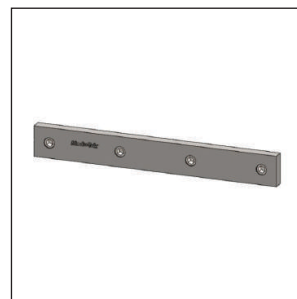
STRAP NUTS



2 - Hole Strap Nut
B060012100
Page 65

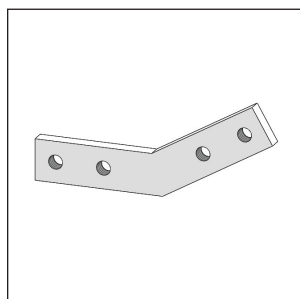


3 - Hole Strap Nut
B060022100
Page 66

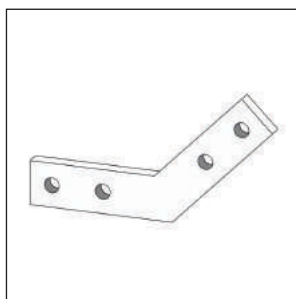


Hole Joiner Strip with
Set Screws
B060031100
Page 67

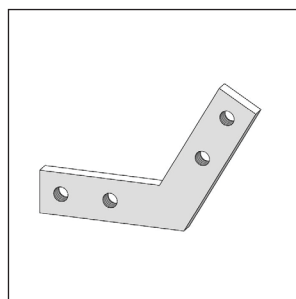
VERTICAL JOINER STRIPS



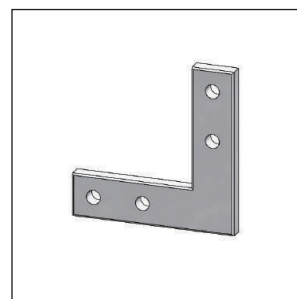
30° Vertical Joiner Strip
B060042100
Page 68



45° Vertical Joiner Strip
B060052100
Page 69



60° Vertical Joiner Strip
B060062100
Page 70

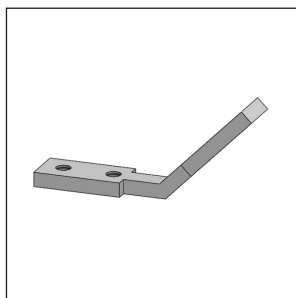


90° Vertical Joiner Strip
B060072100
Page 71

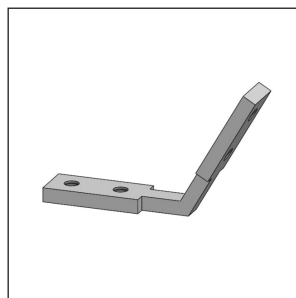
HORIZONTAL JOINER STRIPS



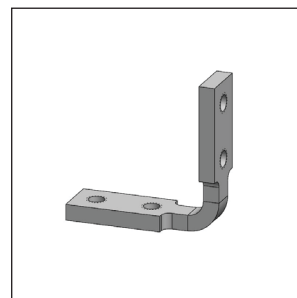
30° Horizontal Joiner
Strip B060082100
Page 72



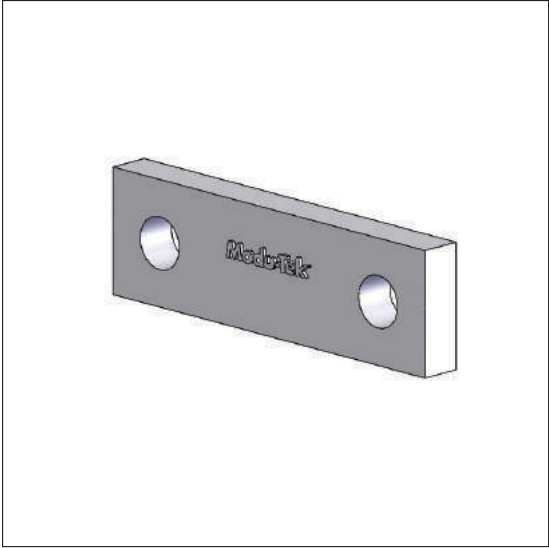
45° Horizontal Joiner Strip
B060092100
Page 73



60° Horizontal Joiner Strip
B060102100
Page 74



90° Horizontal Joiner
Strip B060112100
Page 75



B060012100
2-Hole Strap Nut

TYPICAL USE:

- A high-loading fastening method which allows for easy movement along the length of a T-slot. The strap nut can function in place of T-bolts or Double Strap Nuts on Web Brackets, Corner Tab Brackets, etc. when a higher loading capacity is required.

FEATURES:

- Includes two pre-tapped holes for Hex Head Cap Screws, Set Screws, or Machine Screws.

MATERIAL:

- Mild Steel, Zinc Plated.

WEIGHT:

- 0.13 lb [0.06 kg]

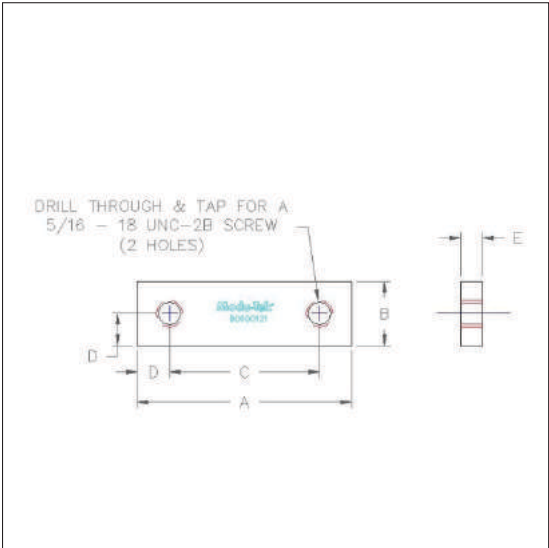
**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

For a Web Bracket:

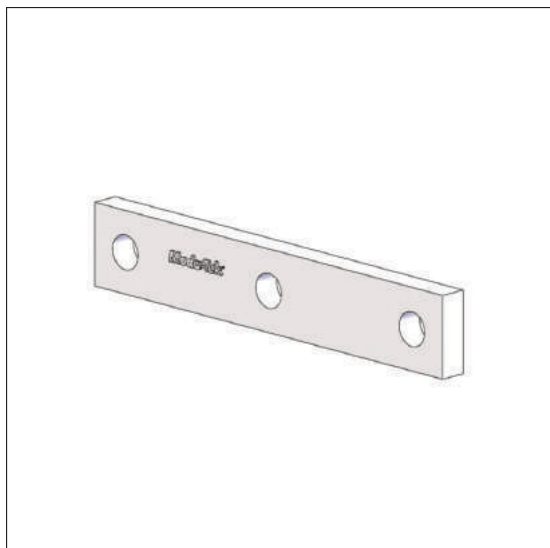
- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 2 each.
- 5/16" Flat Washers (68N34WSDZ/089), 2 each.

For a 45° Web or End Plate Bracket:

- 5/16" - 18 x 3/4" Hex Head Cap Screws (31C75HCS5Z), 2 each.



	Inches (in.)	Millimeters (mm)
A	2.50	63.50
B	0.75	19.05
C	1.75	44.45
D	0.38	9.53
E	0.25	6.35
F	–	–
G	–	–
H	–	–



B060012100 2-Hole Strap Nut

TYPICAL USE:

- A high-loading fastening method which allows for easy movement along the length of a T-slot. The strap nut can function in place of T-bolts or Double Strap Nuts on Web Brackets, Corner Tab Brackets, etc. when a higher loading capacity is required. When used in this manner, the third pre-tapped hole, secured by a Set Screw, can serve to further prevent slippage of the parts along the length of the T-slot.

FEATURES:

- Includes three pre-tapped holes for Hex Head Cap Screws, Set Screws, or Machine Screws.

MATERIAL:

- Mild Steel, Zinc Plated.

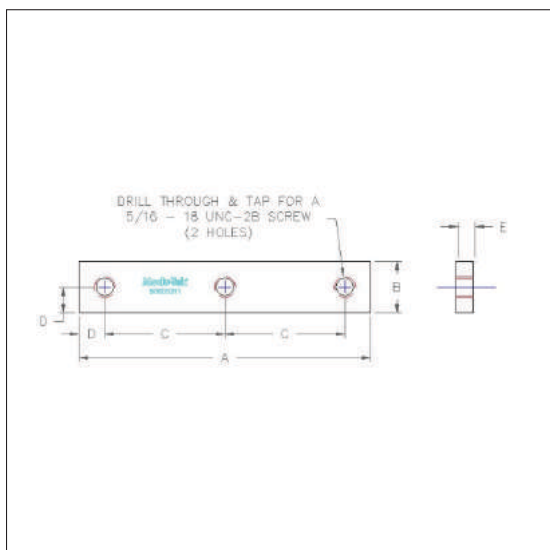
WEIGHT:

- 0.21 lb [0.10 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For a Web Bracket:

- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 2 each.
- 5/16" - 18 x 5/16" Stainless Steel Set Screw (31C31KKCS), 1 each.
- 5/16" Flat Washers (68N34WSDZ/089), 2 each.



	Inches (in.)	Millimeters (mm)
A	4.25	107.95
B	0.75	19.05
C	1.75	44.45
D	0.38	9.53
E	0.25	6.35
F	—	—
G	—	—
H	—	—



B060031100

4-Hole Strap Nut w/ Set Screws

TYPICAL USE:

- To mate and connect support beams in an end-to-end fashion when inserted into T-slots and fastened.
- Can be used as a strap nut, a high-loading fastening method which allows for easy movement along the length of a T-slot. The strap nut can function in place of T-bolts and Double Square Nuts on Web Brackets, Corner Tab Brackets, etc. when a higher loading capacity is required. When used in this manner, the third and fourth pre-tapped holes, secured by Set Screws, can serve to further prevent slippage of the parts along the length of the T-slot.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

- Mild Steel, Zinc Plated.

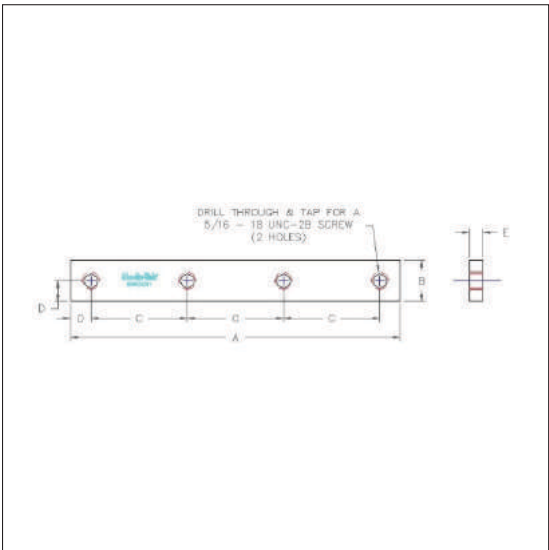
WEIGHT:

- 0.21 lb [0.10 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For a Web Bracket:

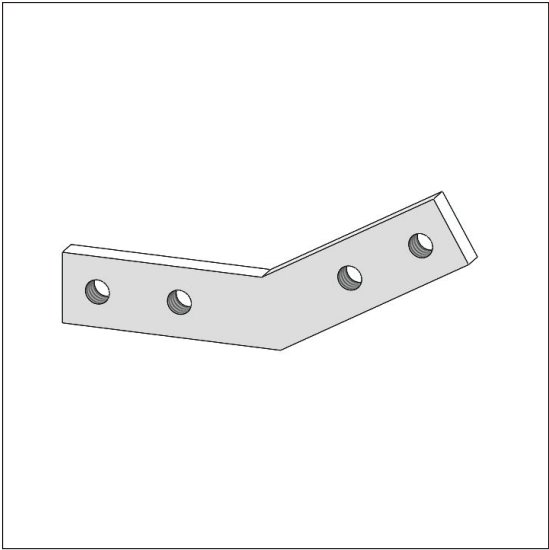
- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 2 each.
- 5/16" - 18 x 5/16" Stainless Steel Set Screw (31C31KKCS), 1 each.
- 5/16" Flat Washers (68N34WSDZ/089), 2 each.



	Inches (in.)	Millimeters (mm)
A	6.00	152.40
B	0.75	19.05
C	1.75	44.45
D	0.38	9.53
E	0.25	6.35
F	—	—
G	—	—
H	—	—

B060032100

No set screws



B060042100
30° Vertical Joiner Strip

TYPICAL USE:

- To build a stable and neat framework corner from two Support Beams mated and connected end-to-end at a 30° mitered joint. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

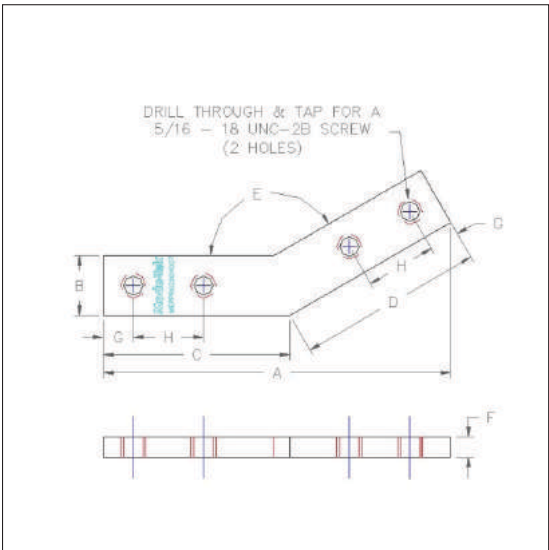
- Mild Steel, Zinc Plated.

WEIGHT:

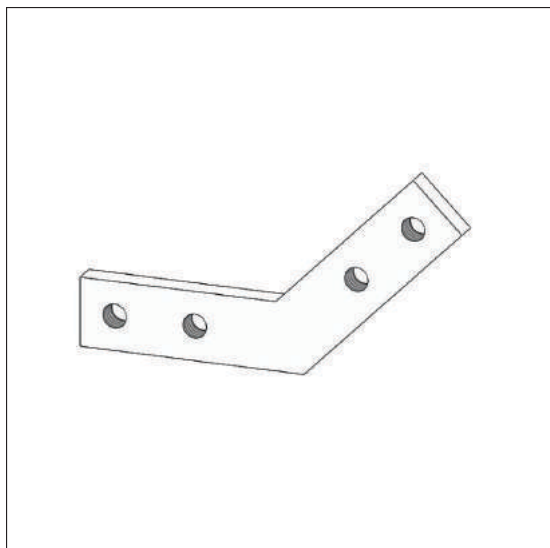
- 0.20 lb [0.09 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	4.34	110.24
B	0.75	19.05
C	2.33	59.18
D	2.33	59.18
E	150.00°	3810.00°
F	0.25	6.35
G	0.38	9.53
H	0.88	22.23



B060052100 45° Vertical Joiner Strip

TYPICAL USE:

- To build a stable and neat framework corner from two Support Beams mated and connected end-to-end at a 45° mitered joint. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

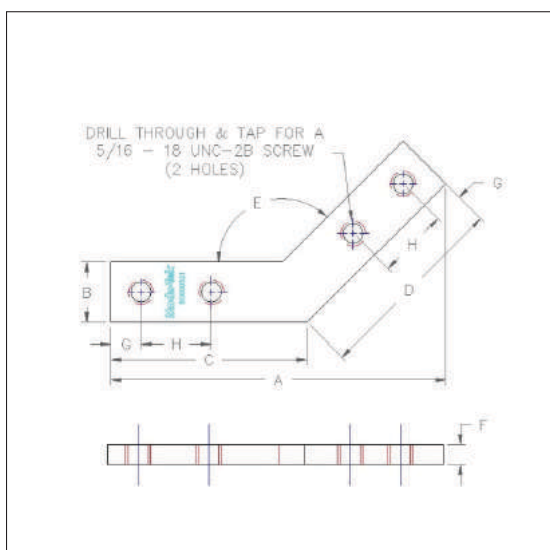
- Mild Steel, Zinc Plated.

WEIGHT:

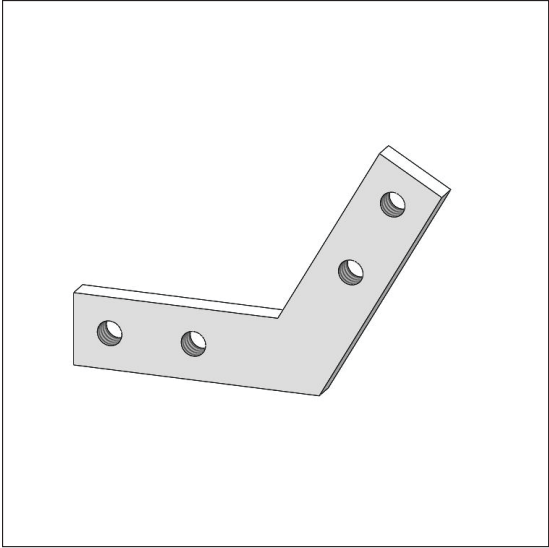
- 0.21 lb [0.10 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	4.16	105.66
B	0.75	19.05
C	2.44	61.98
D	2.44	61.98
E	135.00°	3429.00°
F	0.25	6.35
G	0.38	9.53
H	0.88	22.23



B060062100
60° Vertical Joiner Strip

TYPICAL USE:

- To build a stable and neat framework corner from two Support Beams mated and connected end-to-end at a 60° mitered joint. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

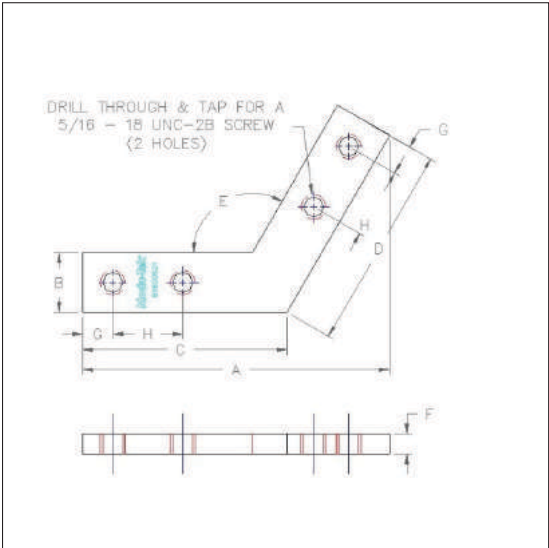
- Mild Steel, Zinc Plated.

WEIGHT:

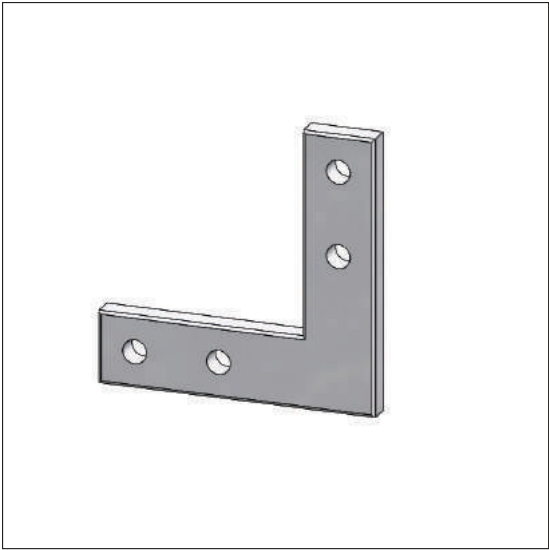
- 0.21 lb [0.10 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.84	97.54
B	0.75	19.05
C	2.56	65.02
D	2.56	65.02
E	120.00°	3048.00°
F	0.25	6.35
G	0.38	9.53
H	0.88	22.23



B060072100
90° Vertical Joiner Strip

TYPICAL USE:

- To build a stable and neat framework corner from two Support Beams mated and connected end-to-end at a 90° mitered joint. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

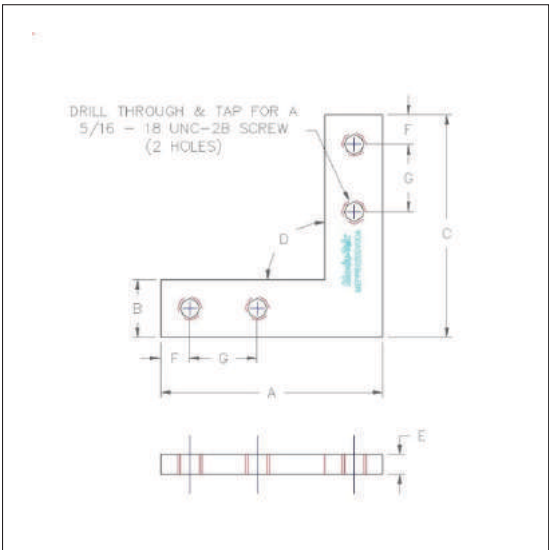
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.32 lb [0.14 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	2.88	73.15
B	0.75	19.05
C	2.88	65.02
D	90.00°	2286.00°
E	0.25	6.35
F	0.38	9.53
G	0.88	22.23
H	—	—



B060082100

30° Horizontal Joiner Strip

TYPICAL USE:

- An alternative to the 30° Vertical Joiner Strip to build a stable and neat framework corner from two Support Beams mated and connected end-to-end at a 30° mitered joint. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

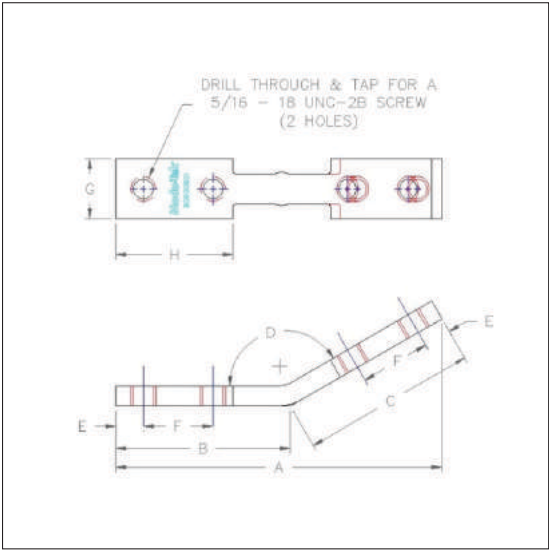
- Mild Steel, Zinc Plated.

WEIGHT:

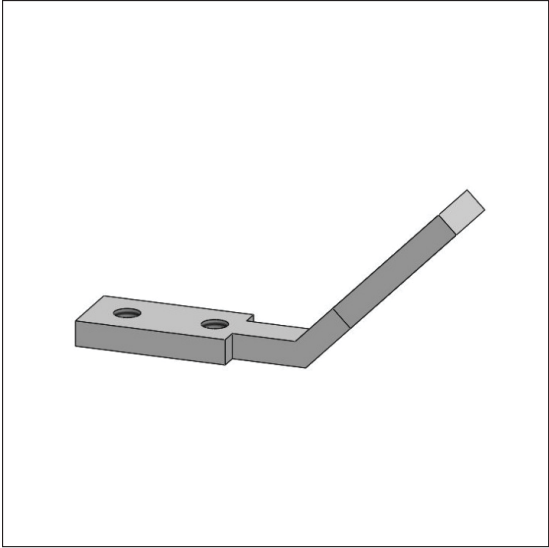
- 0.19 lb [0.09 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	4.09	103.89
B	2.19	55.63
C	2.19	55.63
D	150.00°	3810.00°
E	0.35	8.89
F	0.88	22.23
G	0.75	19.05
H	1.49	37.85



B060092100
45° Horizontal Joiner Strip

TYPICAL USE:

- An alternative to the 45° Vertical Joiner Strip to build a stable and neat framework corner or joint from two Support Beams mated and connected end-to-end or end to side. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

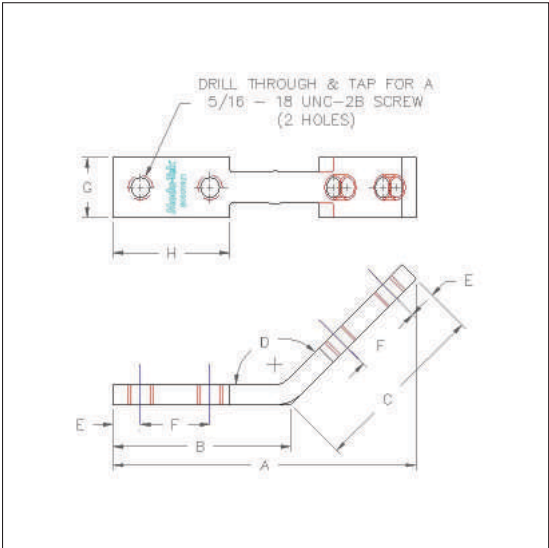
- Mild Steel, Zinc Plated.

WEIGHT:

- 0.19 lb [0.09 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.80	96.52
B	2.23	56.64
C	2.23	56.64
D	135.00°	3429.00°
E	0.35	8.89
F	0.88	22.23
G	0.75	19.05
H	1.49	37.85



B060102100
60° Horizontal Joiner Strip

TYPICAL USE:

- An alternative to the 60° Vertical Joiner Strip to build a stable and neat framework corner or joint from two Support Beams mated and connected end-to-end or end to side. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

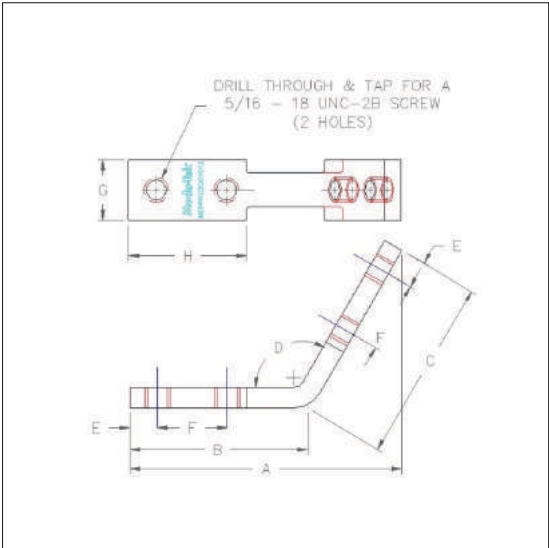
- Mild Steel, Zinc Plated.

WEIGHT:

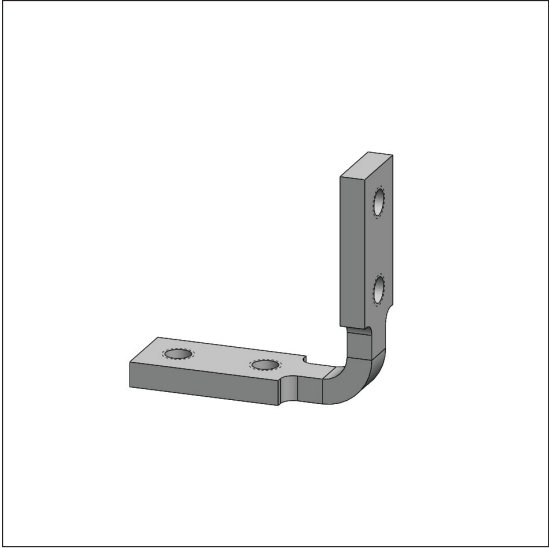
- 0.19 lb [0.09 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.40	86.36
B	2.23	56.64
C	2.29	58.17
D	120.00°	3048.00°
E	0.35	8.89
F	0.88	22.23
G	0.75	19.05
H	1.49	37.85



B060112100
90° Horizontal Joiner Strip

TYPICAL USE:

- An alternative to the 90° Vertical Joiner Strip to build a stable and neat framework corner or joint from two Support Beams mated and connected either end-to-end at a 90° mitered joint or perpendicular to one another end-to-side with square ends. The fitting is placed in the T-slots and clamped against the slot with Set Screws.

FEATURES:

- Four pre-tapped 5/16" holes accommodate Set Screws, Cap Screws, or Machine Screws for connecting beams and attachments.

MATERIAL:

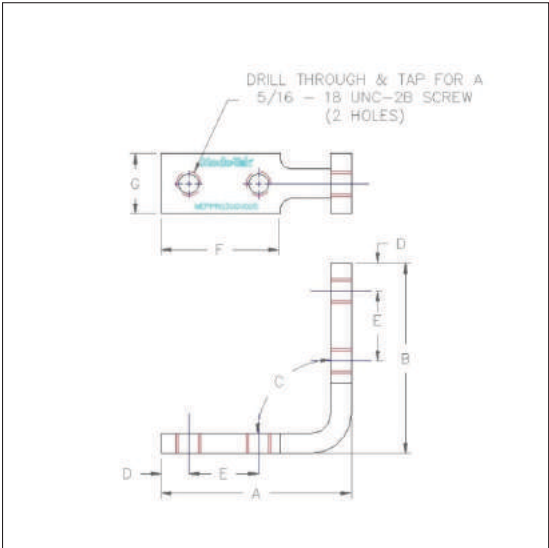
- Mild Steel, Zinc Plated.

WEIGHT:

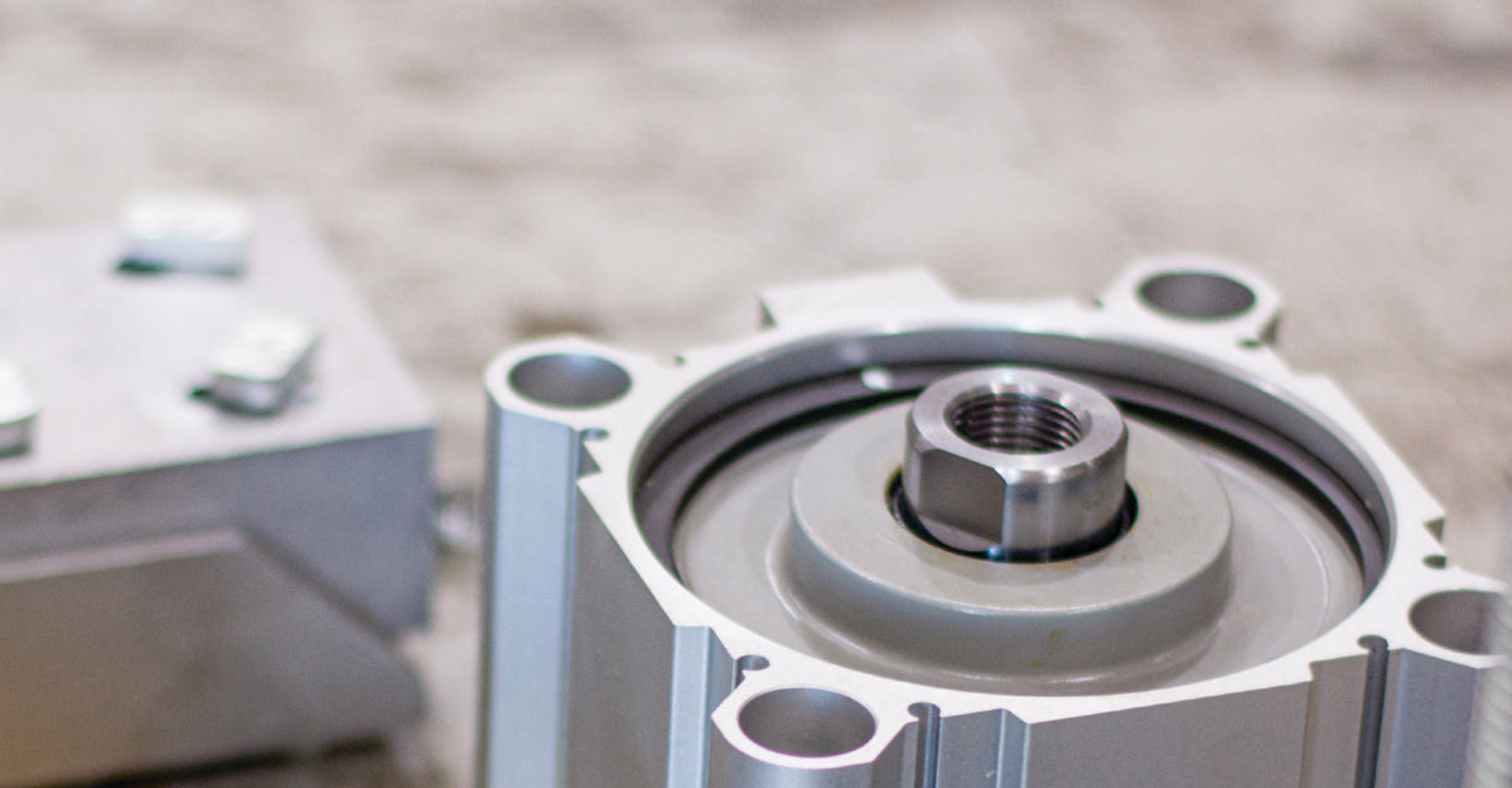
- 0.19 lb [0.09 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 5/16" - 18 x 5/16" Stainless Steel Set Screws (31C31KKCS), 4 each.



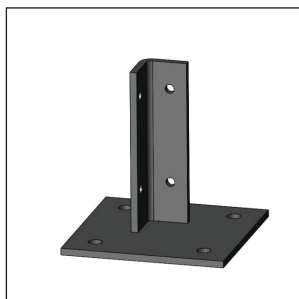
	Inches (in.)	Millimeters (mm)
A	2.38	60.45
B	2.38	60.45
C	90.00°	2286.00°
D	0.35	8.89
E	0.88	22.23
F	1.49	37.85
G	0.75	19.05
H	—	—



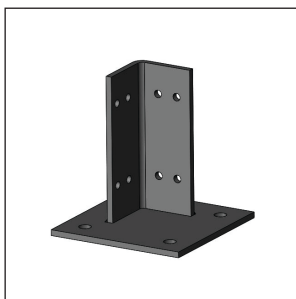
SUPPORT FEET & CASTERS



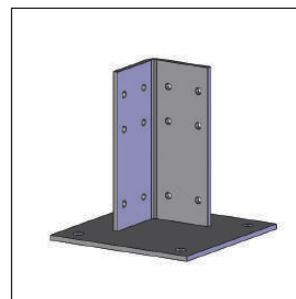
FIXED SUPPORT FEET



1 x 1 Slot Center Angle Fixed Foot
H020012100
Page 80

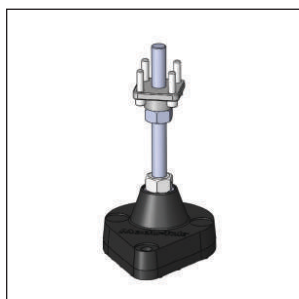


2 x 2 Slot Center Angle Fixed Foot
H020022100
Page 81



3 x 3 Slot Center Angle Fixed Foot
H020032101
Page 82

TEARDROP LEVELING FOOT ASSEMBLIES



1 x 1 Slot Teardrop Leveling
Foot Assembly
H020091100
Page 83

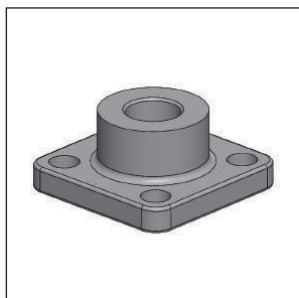


2 x 2 Slot Teardrop Leveling
Foot Assembly
H020101100
Page 84

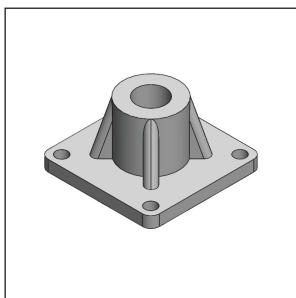


3 x 3 Slot Teardrop Leveling
Foot Assembly
H020111100
Page 85

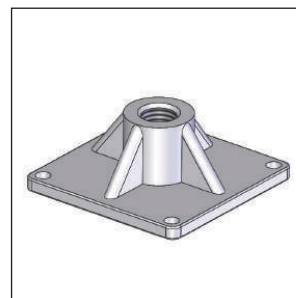
LEVELING FOOT SUPPORTS



1 x 1 Slot Leveling Foot Support
H020042100
Page 86



2 x 2 Slot Leveling Foot Support
H020052100
Page 87



3 x 3 Slot Leveling Foot Support
H020062100
Page 88

TEARDROP LEVELING FEET

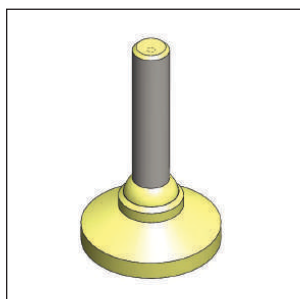


Teardrop Leveling Foot with
1/2"-13 Stem
H020072100
Page 89

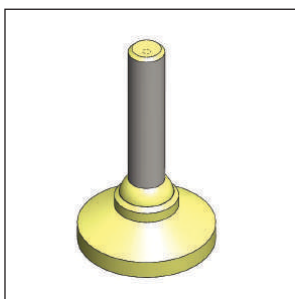


Teardrop Leveling Foot with
3/4"-10 Stem
H020082100
Page 90

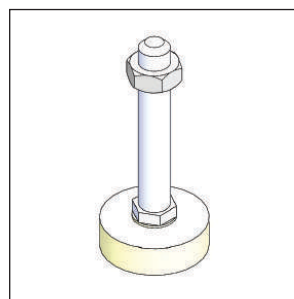
ROUND LEVELING FEET



All Metal Leveling Foot with
1/2"-13 Stem
H020122100
Page 91

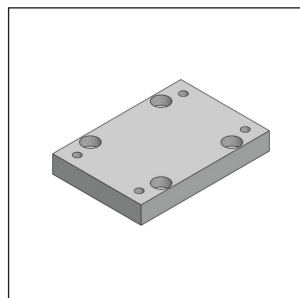


All Metal Leveling Foot with
3/4"-10 Stem
H020132100
Page 92

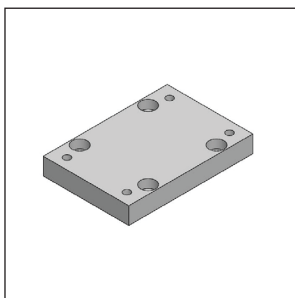


Leveling Foot with 1/2"-13 Stem &
Jam Nut
H020142100
Page 93

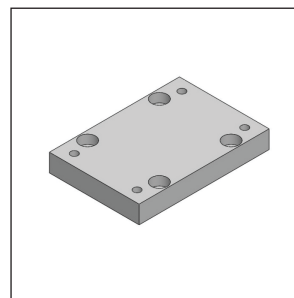
RIGID CASTER MOUNTING PLATES



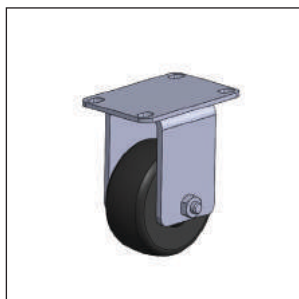
1 x 1 Slot Rigid Caster Plate
H030012100
Page 94



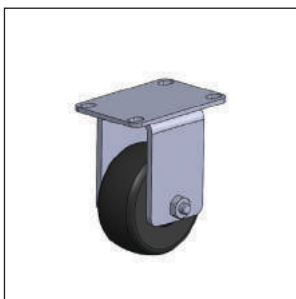
2 x 2 Slot Rigid Caster Plate
H030022100
Page 95



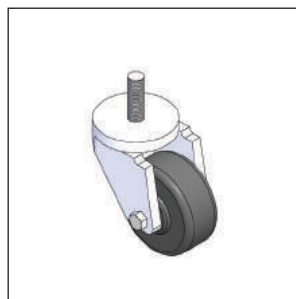
3 x 3 Rigid Caster Plate
H030032100
Page 96

RIGID CASTERS

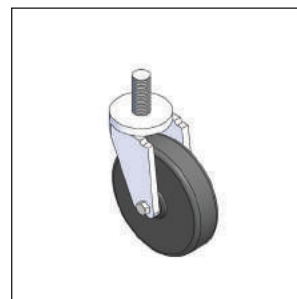
Rigid Caster w/ 3"
Diameter Wheel
H030052100
Page 97



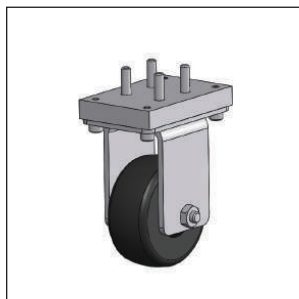
Rigid Caster w/ 5"
Diameter Wheel
H030042100
Page 98



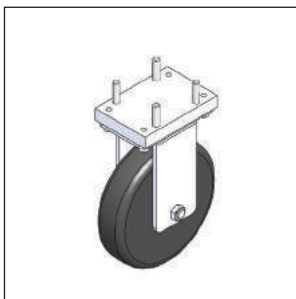
Swivel Caster w/ 1/2" Stem
H030092100
Page 99



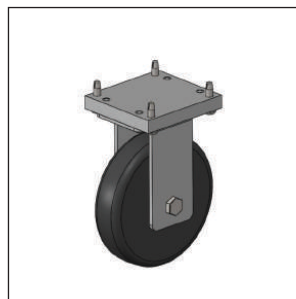
Swivel Caster w/ 3/4" Stem
H030102100
Page 100

RIGID CASTER ASSEMBLIES WITH BRAKES

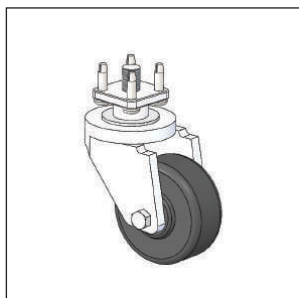
1 x 1 Slot Rigid Caster Assy.
H030061100
Page 101



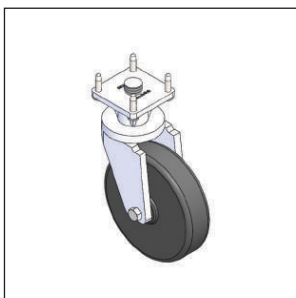
2 x 2 Slot Rigid Caster Assy.
H030071100
Page 102



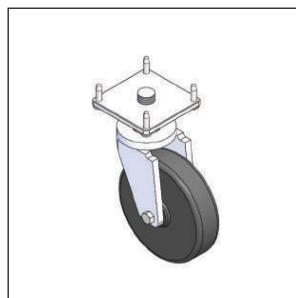
3 x 3 Slot Rigid Caster Assy.
H030081100
Page 103

SWIVEL CASTER ASSEMBLY

1 x 1 Swivel Caster Assy.
H030131100
Page 104



2 x 2 Swivel Caster Assy.
H030141100
Page 105



3 x 3 Swivel Caster Assy.
H030151100
Page 106



H020012100 1 x 1 Slot Center Angle Fixed Foot

TYPICAL USE:

- Fixed support base for 1 x 1 slot support beam legs. Primarily designed for guarding and lighter-weight, non-load bearing applications.

FEATURES:

- Solid base for mounting beam to the floor to provide and anchor for machine guarding, benches, etc.
- T-slots on two sides of the support beam are accessible to within 0.25" [6.35mm] of the floor.
- Pre-drilled holes for lagging to the floor.

MATERIAL:

- Hot Rolled Steel, Black Powder Coated.

WEIGHT:

- 3.75 lbs [1.70 kgs]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to support beam:

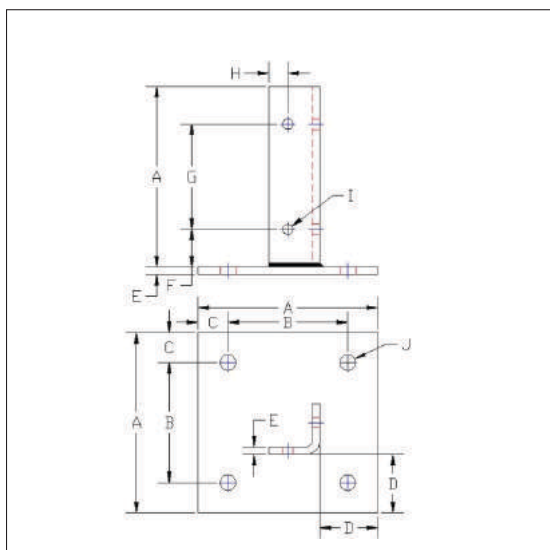
- 5/16" - 18 x 5/8" Button Head Cap Screws (31C62KBC), 4 each.
- Double Square Nuts (H010072100), 4 each.

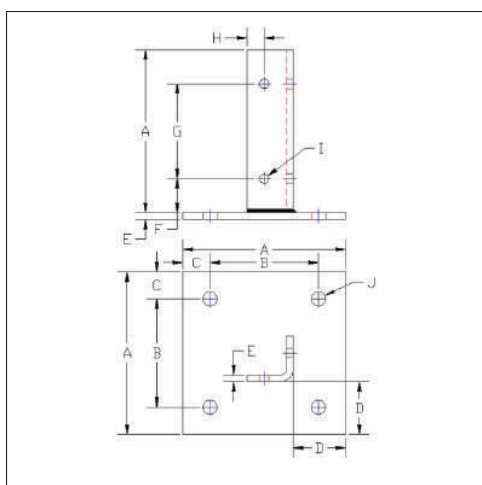
OR

- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 4 each.
- Double Square Nuts (H010072100), 4 each.

For attachment to floor:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 4 each.





	Inches (in.)	Millimeters (mm)
A	6.00	152.40
B	4.00	101.60
C	1.00	25.40
D	1.94	49.28
E	0.25	6.35
F	1.25	31.75
G	3.50	88.90
H	0.63	16.00
I	Ø 0.34	Ø 8.64
J	Ø 0.53	Ø 13.46
K	0.88	22.23
L	2.57	65.28

H020022100 2 x 2 Slot Center Angle Fixed Foot

TYPICAL USE:

- Fixed support base for 2 x 2 slot support beam legs. Primarily designed for guarding and lighter-weight, non-load bearing applications.

FEATURES:

- Solid base for mounting beam to the floor to provide and anchor for machine guarding, benches, etc.
- T-slots on two sides of the support beam are accessible to within 0.25" [6.35mm] of the floor.
- Pre-drilled holes for lagging to the floor.

MATERIAL:

- Hot Rolled Steel, Black Powder Coated.

WEIGHT:

- 4.50 lbs [2.04 kgs]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to support beam:

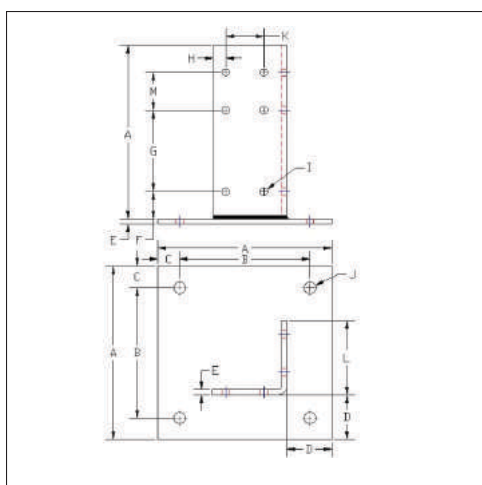
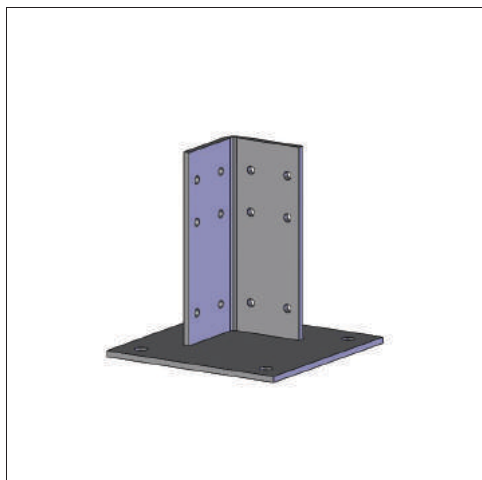
- 5/16" - 18 x 5/8" Button Head Cap Screws (31C62KBC), 8 each.
- Double Square Nuts (H010072100), 8 each.

OR

- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 8 each.
- Double Square Nuts (H010072100), 8 each.

For attachment to floor:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 4 each.



	Inches (in.)	Millimeters (mm)
A	8.00	203.20
B	6.00	152.40
C	1.00	25.40
D	2.06	52.32
E	0.25	6.35
F	1.25	31.75
G	3.75	95.25
H	0.56	14.22
I	Ø 0.34	Ø 8.64
J	Ø 0.53	Ø 13.46
K	1.75	44.45
L	3.44	87.38

H020032101 3 x 3 Slot Center Angle Fixed Foot

TYPICAL USE:

- Fixed support base for 3 x 3 slot support beam legs. Primarily designed for guarding and lighter-weight, non-load bearing applications.

FEATURES:

- Solid base for mounting beam to the floor to provide and anchor for machine guarding, benches, etc.
- T-slots on two sides of the support beam are accessible to within 0.25" [6.35mm] of the floor.
- Pre-drilled holes for lagging to the floor.

MATERIAL:

- Hot Rolled Steel, Black Powder Coated.

WEIGHT:

- 8.00 lbs [3.63 kgs]

HARDWARE RECOMMENDED FOR ASSEMBLY:

For attachment to support beam:

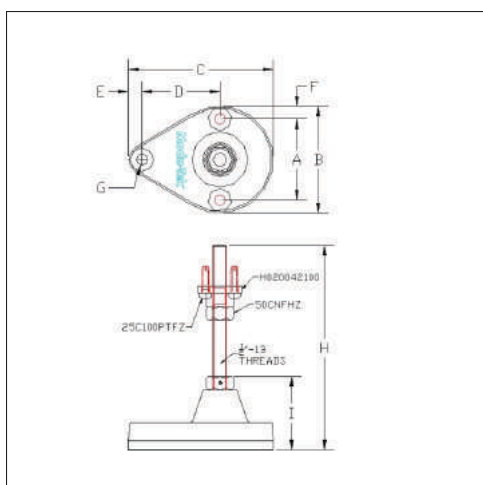
- 5/16" - 18 x 5/8" Button Head Cap Screws (31C62KBC), 8 each.
- Double Square Nuts (H010072100), 8 each.

OR

- 5/16" - 18 x 5/8" Hex Head Cap Screws (31C62HCS5Z), 8 each.
- Double Square Nuts (H010072100), 8 each.

For attachment to floor:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.00	76.20
B	3.94	100.08
C	5.35	135.89
D	2.88	73.15
E	0.50	12.70
F	0.47	11.94
G	Ø 0.41	Ø 10.41
H	7.50	190.50
I	2.72	69.09
J	–	–
K	–	–
L	–	–

H020091100 1 x 1 Slot Teardrop Leveling Foot Assembly

TYPICAL USE:

- Leveling foot and accompanying 1 x 1 Slot Leveling Foot Support and hardware specifically designed for mating with 1 x 1 Slot Support Beam legs.

FEATURES:

- Three holes in the base for use in lagging to the floor.
- Teardrop shape facilitates lagging when clearance for lag bolt drilling is needed.
- Easy height adjustment with 1/2" mounting rod and included adjustment nut.
- Mounting hardware included as described below.

WEIGHT CAPACITY:

- 1,200 lbs [544 kgs] static load

MATERIALS:

- Stem & Leveling Nut: Zinc-plated Steel
- Base: Glass-filled Nylon
- Support (provides mounting surface for support beam): Pressure Die-cast Aluminum
- Socket Head Cap Screws: 18 - 8 Stainless Steel

WEIGHT:

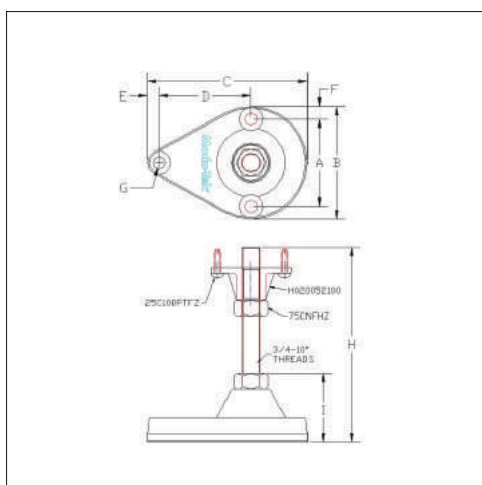
- 1.20 lbs [0.54 kg]

HARDWARE INCLUDED:

- Teardrop Leveling Foot with 1/2" - 13 Stem (H020072100), 1 each.
- 1 x 1 Slot Leveling Foot Support (H020042100), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 1/2" - 13 Standard Hex Nut (50CNFHZ), 1 each.

HARDWARE RECOMMENDED FOR ATTACHMENT TO THE FLOOR:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 3 each.



	Inches (in.)	Millimeters (mm)
A	3.00	76.20
B	3.94	100.08
C	5.35	135.89
D	2.88	73.15
E	0.50	12.70
F	0.47	11.94
G	Ø 0.41	Ø 10.41
H	7.50	190.50
I	2.72	69.09
J	–	–
K	–	–
L	–	–

H020101100 2 x 2 Slot Teardrop Leveling Foot Assembly

TYPICAL USE:

- Leveling foot and accompanying 2 x 2 Slot Leveling Foot Support and hardware specifically designed for mating with 2 x 2 Slot Support Beam legs.

FEATURES:

- Three holes in the base for use in lagging to the floor.
- Teardrop shape facilitates lagging when clearance for lag bolt drilling is needed.
- Easy height adjustment with 1/2" mounting rod and included adjustment nut.
- Mounting hardware included as described below.

WEIGHT CAPACITY:

- 1,800 lbs [816 kgs] static load

MATERIALS:

- Stem & Leveling Nut: Zinc-plated Steel
- Base: Glass-filled Nylon
- Support (provides mounting surface for support beam): Pressure Die-cast Aluminum
- Socket Head Cap Screws: 18 - 8 Stainless Steel

WEIGHT:

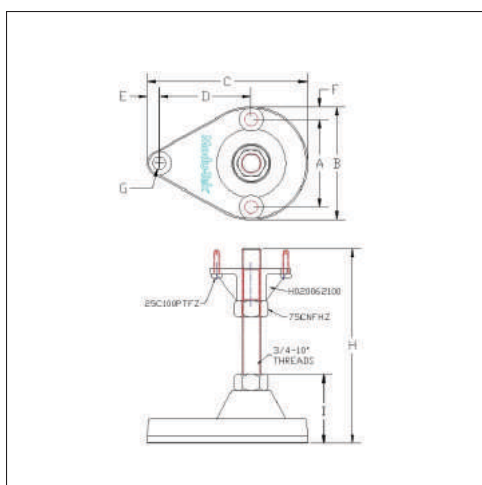
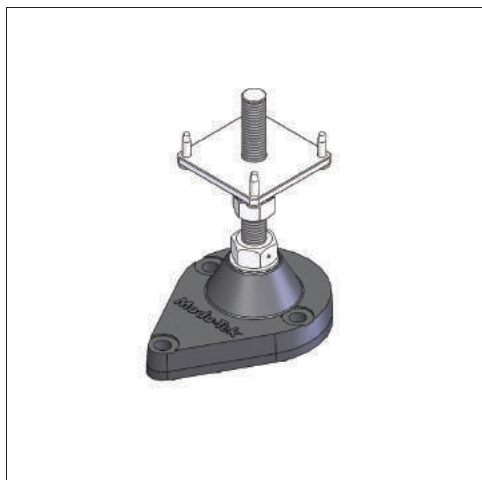
- 1.80 lbs [0.82 kg]

HARDWARE INCLUDED:

- Teardrop Leveling Foot with 3/4" - 10 Stem (H020082100), 1 each.
- 2 x 2 Slot Leveling Foot Support (H020052100), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 3/4" - 10 Standard Hex Nut (75CNFHZ), 1 each.

HARDWARE RECOMMENDED FOR ATTACHMENT TO THE FLOOR:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 3 each.



	Inches (in.)	Millimeters (mm)
A	3.69	93.73
B	4.75	120.65
C	6.75	171.45
D	3.88	98.55
E	0.50	12.70
F	0.53	13.46
G	Ø 0.53	Ø 13.46
H	8.21	208.53
I	2.90	73.66
J	–	–
K	–	–
L	–	–

H02011100 3 x 3 Slot Teardrop Leveling Foot Assembly

TYPICAL USE:

- Leveling foot and accompanying 3 x 3 Slot Leveling Foot Support and hardware specifically designed for mating with 3 x 3 Slot Support Beam legs.

FEATURES:

- Three holes in the base for use in lagging to the floor.
- Teardrop shape facilitates lagging when clearance for lag bolt drilling is needed.
- Easy height adjustment with 1/2" mounting rod and included adjustment nut.
- Mounting hardware included as described below.

WEIGHT CAPACITY:

- 1,800 lbs [816 kgs] static load

MATERIALS:

- Stem & Leveling Nut: Zinc-plated Steel
- Base: Glass-filled Nylon
- Support (provides mounting surface for support beam): Pressure Die-cast Aluminum
- Socket Head Cap Screws: 18 - 8 Stainless Steel

WEIGHT:

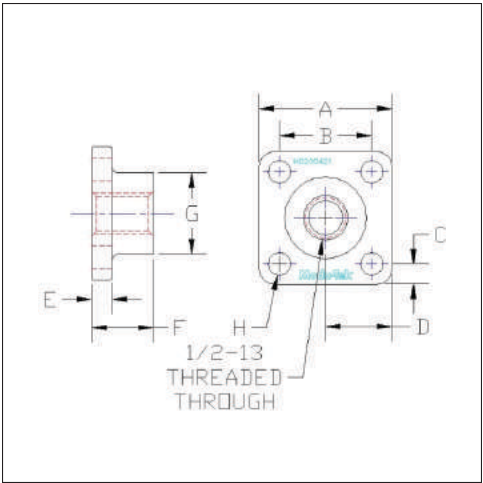
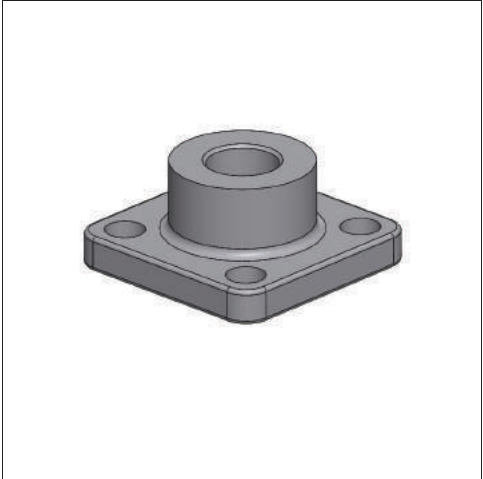
- 2.00 lbs [0.91 kg]

HARDWARE INCLUDED:

- Teardrop Leveling Foot with 3/4" - 10 Stem (H020082100), 1 each.
- 3 x 3 Slot Leveling Foot Support (H020062100), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 3/4" - 10 Standard Hex Nut (75CNFHZ), 1 each.

HARDWARE RECOMMENDED FOR ATTACHMENT TO THE FLOOR:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 3 each.



	Inches (in.)	Millimeters (mm)
A	1.63	41.40
B	1.13	28.70
C	0.25	6.35
D	0.81	20.57
E	0.25	6.35
F	0.75	19.05
G	1.00	25.40
H	Ø 0.28	Ø 7.11
I	–	–
J	–	–
K	–	–
L	–	–

H020042100

1 x 1 Slot Leveling Foot Support

TYPICAL USE:

- Mounts to 1 x 1 slot support beams to provide a base for the foot.

FEATURES:

- Pre-drilled holes for mounting to 1 x 1 slot support beam.
- Tapped hole which accepts a 1/2" shaft for vertical adjustment.

MATERIAL:

- Pressure Die-cast Aluminum.

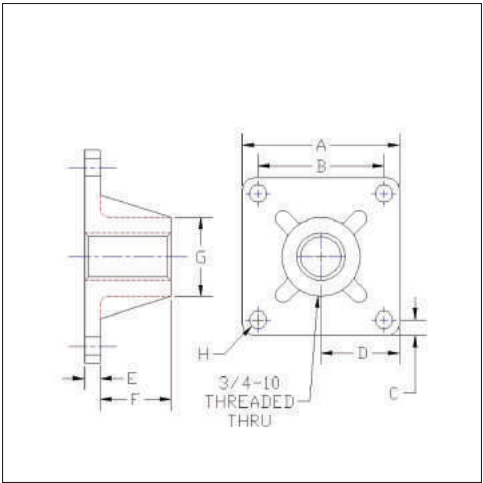
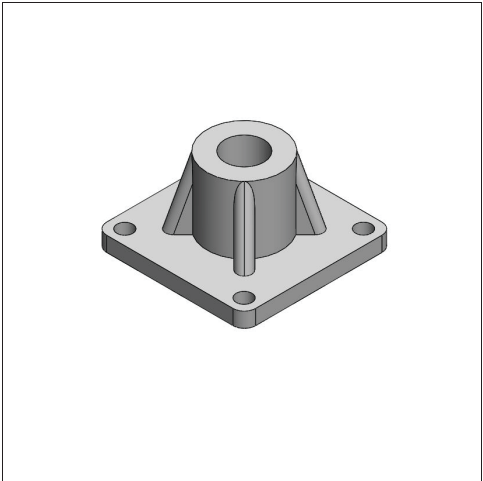
WEIGHT:

- 0.13 lb [0.06 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.

Assembly Note: Surface "A" must be assembled flush with the end of the 1 x 1 Slot Support Beam, i.e. the flange will not fit into the extrusion cavity for reverse mounting.



	Inches (in.)	Millimeters (mm)
A	2.50	63.50
B	2.00	50.80
C	0.25	6.35
D	1.25	31.75
E	0.25	6.35
F	1.13	28.70
G	1.25	31.75
H	Ø 0.28	Ø 7.11
I	–	–
J	–	–
K	–	–
L	–	–

H020052100 2 x 2 Slot Leveling Foot Support

TYPICAL USE:

- Mounts to 2 x 2 slot support beams to provide a base for the foot.

FEATURES:

- Pre-drilled holes for mounting to 2 x 2 slot support beam.
- Tapped hole which accepts a 3/4" shaft for vertical adjustment.

MATERIAL:

- Pressure Die-cast Aluminum.

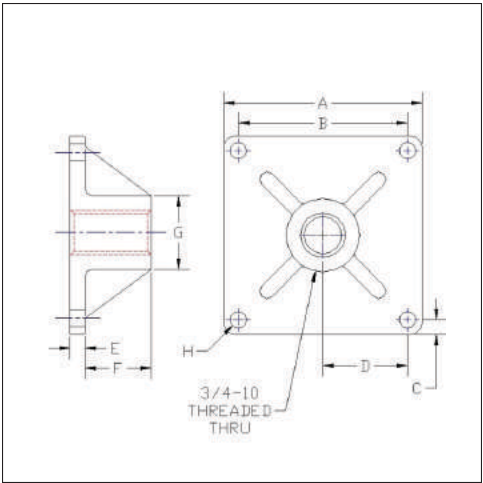
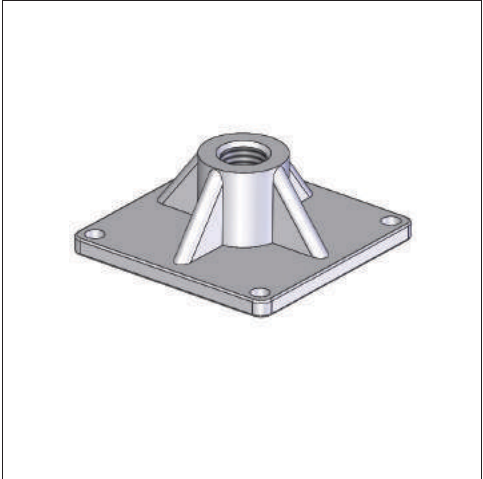
WEIGHT:

- 0.25 lb [0.11 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.

Assembly Note: Unlike the 1 x 1 Slot Leveling Foot Support, either the top or the bottom surface can be assembled flush with the end of the 2 x 2 Slot Support Beam, i.e. the flange will fit into the extrusion cavity for reverse mounting.



	Inches (in.)	Millimeters (mm)
A	3.38	85.85
B	2.88	73.15
C	0.25	6.35
D	1.44	36.57
E	0.25	6.35
F	1.13	28.70
G	1.25	31.75
H	Ø 0.28	Ø 7.11
I	–	–
J	–	–
K	–	–
L	–	–

H020062100

3 x 3 Slot Leveling Foot Support

TYPICAL USE:

- Mounts to 3 x 3 slot support beams to provide a base for the foot.

FEATURES:

- Pre-drilled holes for mounting to 3 x 3 slot support beam.
- Tapped hole which accepts a 3/4" shaft for vertical adjustment.

MATERIAL:

- Pressure Die-cast Aluminum.

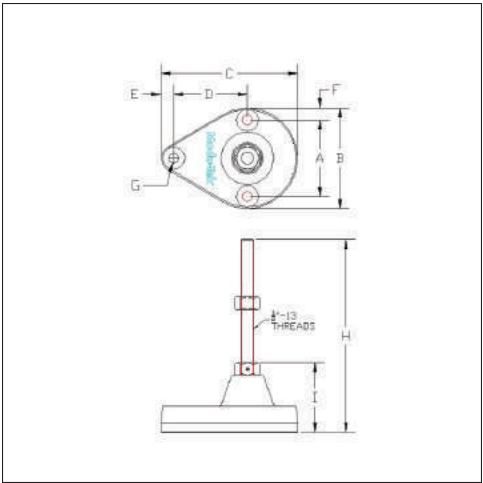
WEIGHT:

- 0.41 lb [0.18 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.

Assembly Note: Unlike the 1 x 1 Slot Leveling Foot Support, either the top or the bottom surface can be assembled flush with the end of the 3 x 3 Slot Support Beam, i.e. the flange will fit into the extrusion cavity for reverse mounting.



	Inches (in.)	Millimeters (mm)
A	3.00	—
B	3.94	—
C	5.35	—
D	2.88	—
E	0.50	—
F	0.47	—
G	Ø 0.41	—
H	7.50	—
I	2.72	—
J	—	—
K	—	—
L	—	—

H020072100
Teardrop Leveling Foot
1/2" - 13 Stem

TYPICAL USE:

- Leveling foot for support beam legs. Specifically designed for mating with 1 x 1 Slot Leveling Foot Supports.

FEATURES:

- Three holes in the base for use in lagging to the floor.
- Teardrop shape facilitates lagging when clearance for lag bolt drilling is needed.
- Easy height adjustment with 1/2" mounting rod and included adjustment nut.

WEIGHT CAPACITY:

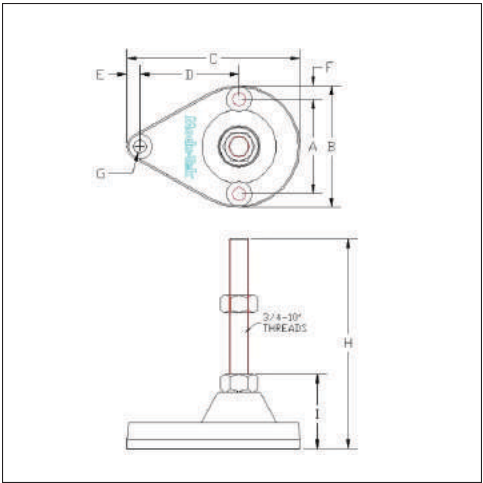
- 1,200 lbs [544 kgs] static load

MATERIALS:

- Stem & Leveling Nut: Zinc-plated Steel
- Base: Glass-filled Nylon

WEIGHT:

- 1.00 lb [0.45 kg]



	Inches (in.)	Millimeters (mm)
A	3.69	93.74
B	4.75	120.65
C	6.75	171.45
D	3.88	98.55
E	0.50	12.70
F	0.53	13.46
G	Ø 0.53	Ø 13.46
H	8.21	208.53
I	2.90	73.66
J	–	–
K	–	–
L	–	–

H020082100

Teardrop Leveling Foot

3/4" - 10 Stem

TYPICAL USE:

- Leveling foot for support beam legs. Specifically designed for mating with 2 x 2 and 3 x 3 Slot Leveling Foot Supports. Intended for supporting heavier loads.

FEATURES:

- Three holes in the base for use in lagging to the floor.
- Teardrop shape facilitates lagging when clearance for lag bolt drilling is needed.
- Easy height adjustment with 3/4" mounting rod and included adjustment nut.

WEIGHT CAPACITY:

- 1,800 lbs [816 kgs] static load

MATERIALS:

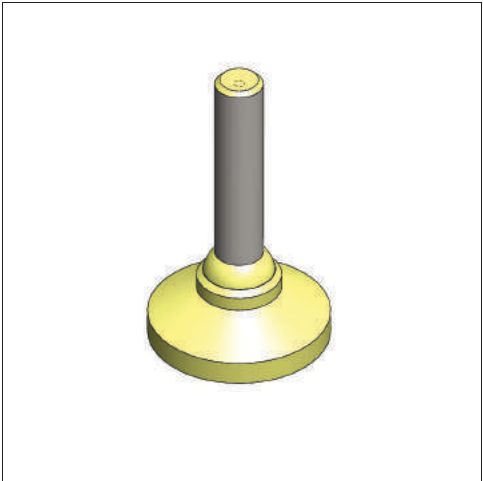
- Stem & Leveling Nut: Zinc-plated Steel
- Base: Glass-filled Nylon

WEIGHT:

- 1.50 lbs [0.68 kg]

HARDWARE RECOMMENDED FOR ATTACHMENT TO THE FLOOR:

- 3/8" diameter x 3 3/4" length Wedge Anchors (37C375AWG), 3 each.



H020122100
All Metal Leveling Foot
with 1/2" 13 Stem

TYPICAL USE:

- Leveling foot for support beam legs. Specifically designed for mating with 1 x 1 Slot Leveling Foot Supports (H020042100).

FEATURES:

- Easy height adjustment with included adjustment nut.

WEIGHT CAPACITY:

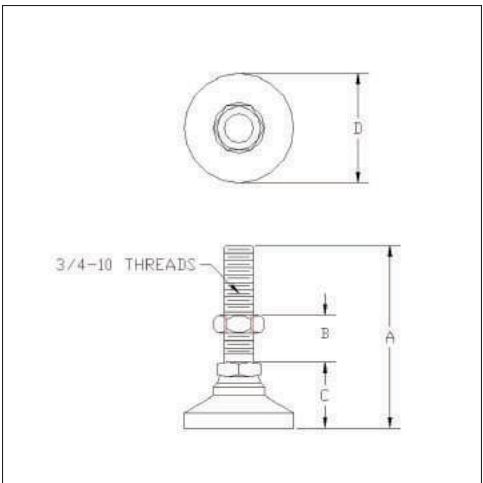
- 5,000 lbs [2,268 kgs] static load.

MATERIAL:

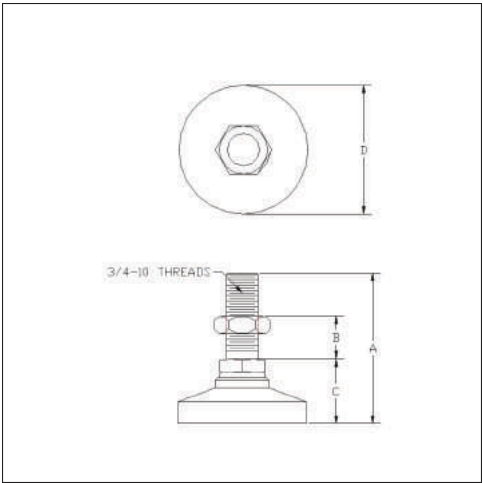
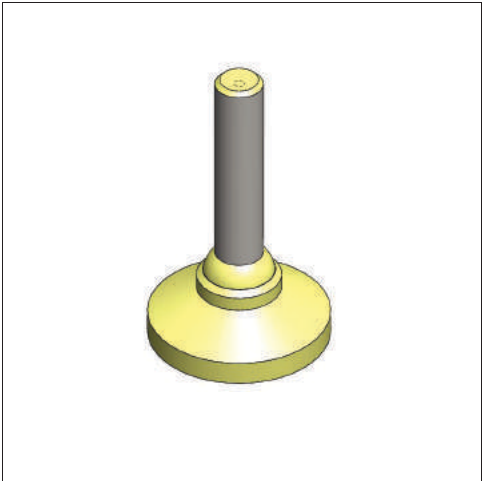
- Yellow Zinc-plated Steel.

WEIGHT:

- 0.50 lb [0.23 kg]



	Inches (in.)	Millimeters (mm)
A	3.13	79.50
B	0.81	20.57
C	1.13	28.70
D	1.88	47.75
E	–	–
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–



	Inches (in.)	Millimeters (mm)
A	3.50	88.90
B	1.00	25.40
C	1.13	28.70
D	3.00	76.20
E	–	–
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–

H020132100

All Metal Leveling Foot with 3/4" 10 Stem

TYPICAL USE:

- Leveling foot for support beam legs. Specifically designed for mating with 2 x 2 and 3 x 3 Slot Leveling Foot Supports (H020052100 & H020062100 respectively).

FEATURES:

- Easy height adjustment with included adjustment nut.

WEIGHT CAPACITY:

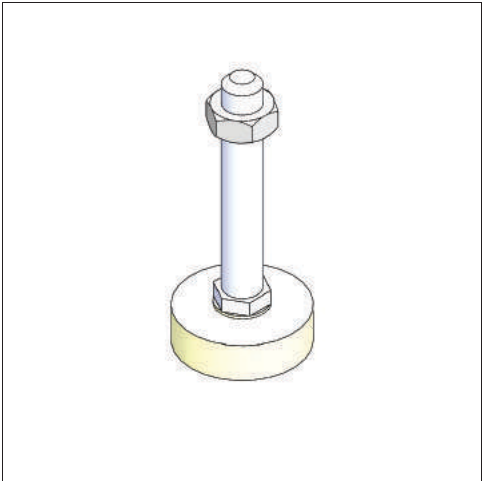
- 7,400 lbs [3,357 kgs] static load.

MATERIAL:

- Yellow Zinc-plated Steel.

WEIGHT:

- 1.75 lbs [0.79 kg]



H020142100
Leveling Foot with
1/2" - 13 Stem

TYPICAL USE:

- Leveling foot for the support of light duty applications such as table top applications, small tables, etc.

FEATURES:

- Non-skid base.
- Easy height adjustment with screw driver and included adjustment nut.

WEIGHT CAPACITY:

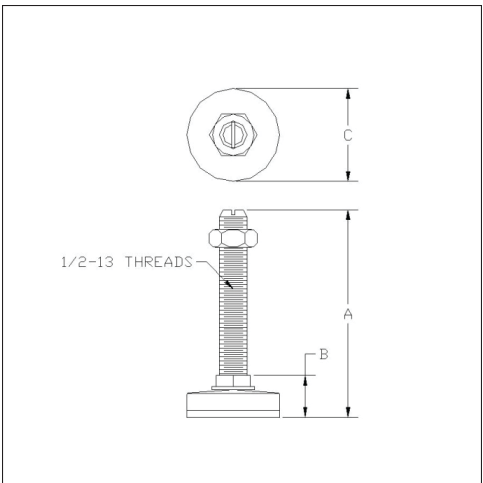
- 700 lbs [318 kgs] static load.

MATERIALS:

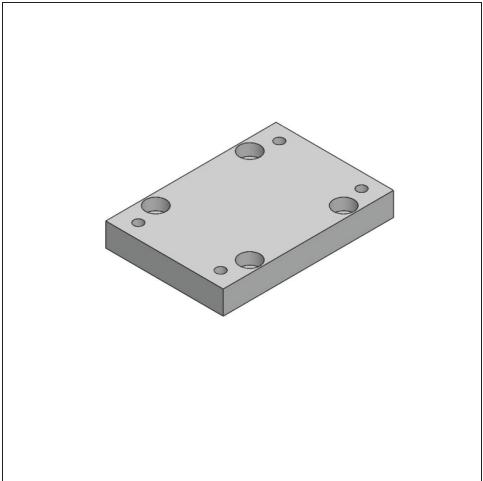
- Stem & Shell: Chrome-plated Steel
- Base: Grey Nylon

WEIGHT:

- 0.24 lb [0.11 kg]



	Inches (in.)	Millimeters (mm)
A	3.76	95.50
B	0.76	19.30
C	1.68	42.67
D	–	–
E	–	–
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–



H030012100
1 x 1 Slot Rigid Caster
Adapter Plate

TYPICAL USE:

- To connect a rigid caster to a 1 x 1 Slot Support Beam.

FEATURES:

- Provides a transition plate for the mounting of an appropriate rigid caster to the end of a 1 x 1 Support Beam.

MATERIAL:

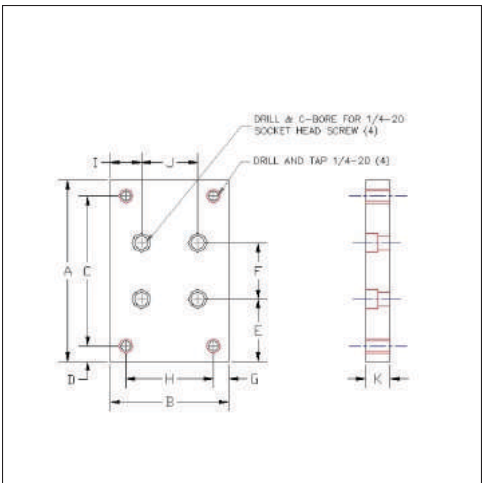
- Clear Anodized Aluminum.

WEIGHT:

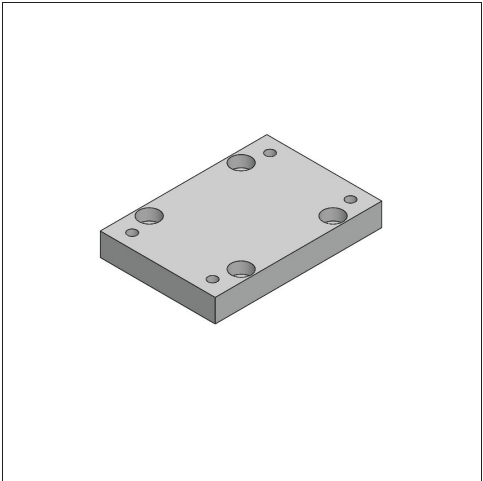
- 0.39 lb [0.18 kg]

HARDWARE RECOMMENDED
FOR ASSEMBLY:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.25	31.75
F	1.13	28.70
G	0.31	7.87
H	1.75	44.45
I	0.63	16.00
J	1.13	28.70
K	0.50	12.70
L	—	—



H030022100
2 x 2 Slot Rigid Caster
Adapter Plate

TYPICAL USE:

- To connect a rigid caster to a 2 x 2 Slot Support Beam.

FEATURES:

- Provides a transition plate for the mounting of an appropriate rigid caster to the end of a 2 x 2 Support Beam.

MATERIAL:

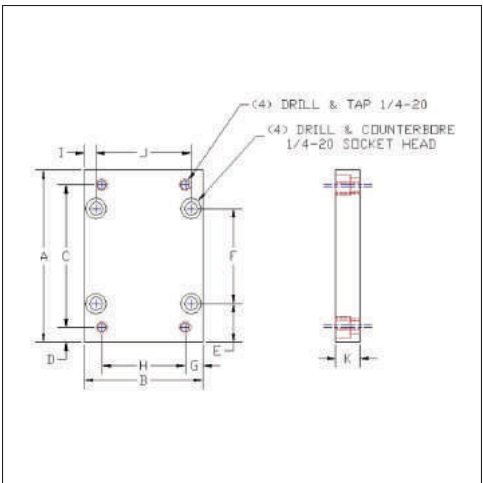
- Clear Anodized Aluminum.

WEIGHT:

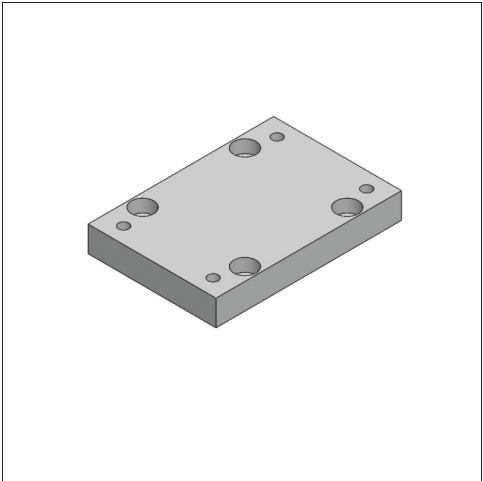
- 0.41 lb [0.19 kg]

HARDWARE RECOMMENDED
FOR ASSEMBLY:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.64	92.46
B	3.64	92.46
C	2.88	73.15
D	0.38	9.65
E	0.38	9.65
F	2.88	73.15
G	0.81	20.57
H	1.75	44.45
I	0.25	6.35
J	2.88	73.15
K	0.50	12.70
L	—	—



H030032100
3 x 3 Slot Rigid Caster
Adapter Plate

TYPICAL USE:

- To connect a rigid caster to a 3 x 3 Slot Support Beam.

FEATURES:

- Provides a transition plate for the mounting of an appropriate rigid caster to the end of a 3 x 3 Support Beam.

MATERIAL:

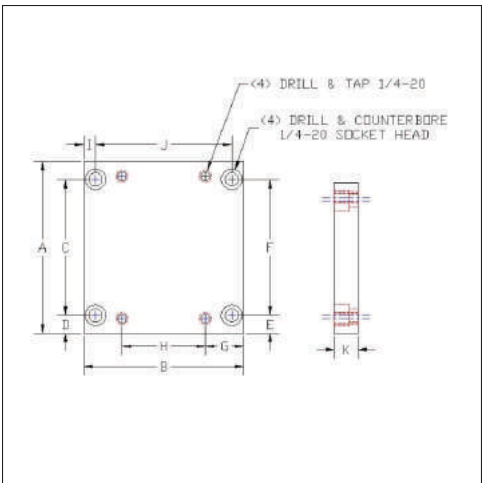
- Clear Anodized Aluminum.

WEIGHT:

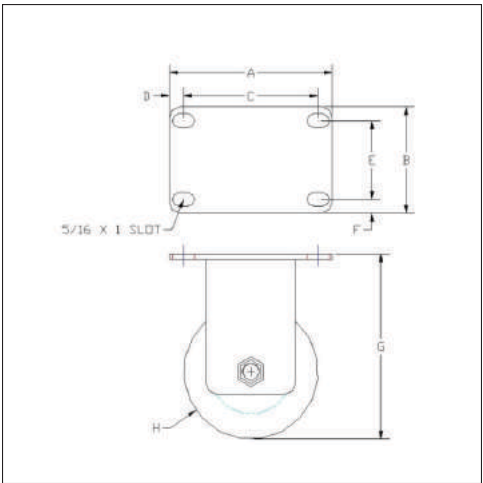
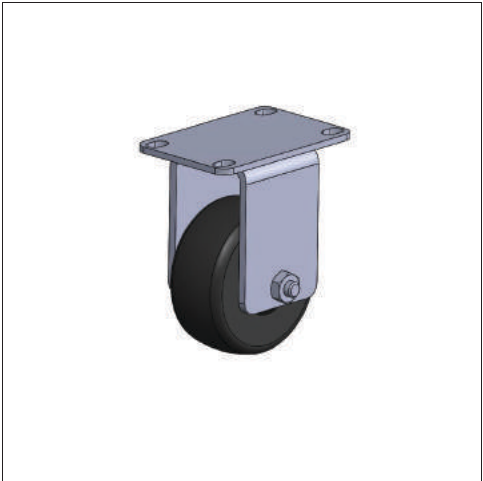
- 0.57 lb [0.26 kg]

HARDWARE RECOMMENDED
FOR ASSEMBLY:

- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.64	92.46
B	3.64	92.46
C	2.88	73.15
D	0.38	9.65
E	0.38	9.65
F	2.88	73.15
G	0.81	20.57
H	1.75	44.45
I	0.25	6.35
J	2.88	73.15
K	0.50	12.70
L	—	—



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.75	44.45
F	0.31	7.87
G	4.13	104.90
H	Ø 3.00	Ø 127.00
I	–	–
J	–	–
K	–	–
L	–	–

H030052100
Rigid Caster with 3.0 in
[76.2 mm] Diameter Wheel

TYPICAL USE:

- Fixed caster with a 3.0 in [76.2 mm] wheel for mating with a 1 x 1 Slot Rigid Caster Adapter Plate (B0500121).

FEATURES:

- Heavy gauge cold rolled steel, formed for strength.

WEIGHT CAPACITY:

- 150 lbs [68 kgs]

MATERIALS:

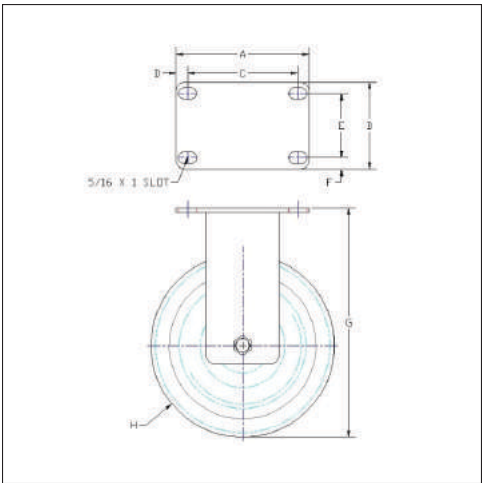
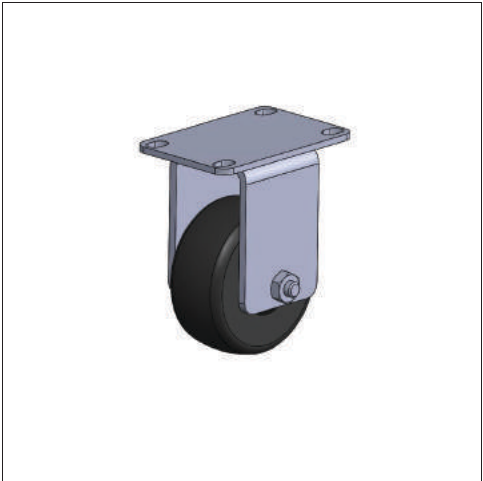
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

- 1.69 lbs [0.77 kg]

HARDWARE RECOMMENDED
FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.75	44.45
F	0.31	7.87
G	6.25	158.75
H	Ø 5.00	Ø 127.00
I	–	–
J	–	–
K	–	–
L	–	–

H030042100 Rigid Caster with 5.0 in [127.0mm] Diameter Wheel

TYPICAL USE:

- Fixed caster with a 5.0 in [127.0 mm] wheel for mating with a 2 x 2 or 3 x 3 Slot Rigid Caster Mounting Plate (H030021100 & H030032100 respectively).

FEATURES:

- Heavy gauge cold rolled steel, formed for strength.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

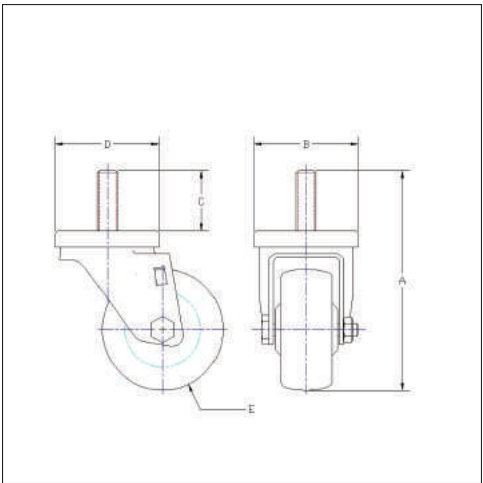
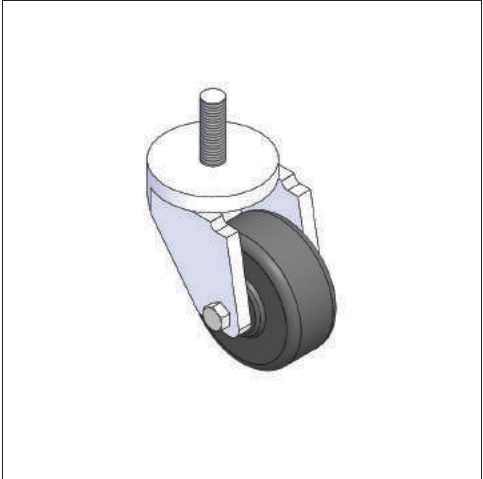
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

- 2.00 lbs [0.91 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	5.44	138.10
B	2.57	65.28
C	1.50	38.10
D	2.57	65.28
E	Ø 3.00	Ø 76.20
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–

H030092100 Swivel Caster with 1/2" Stem

TYPICAL USE:

- Caster with a 1/2" stem for mating with a 1 x 1 Slot Leveling Foot Support.

FEATURES:

- Caster swivels 180° upon double ball bearings and hardened raceways.

WEIGHT CAPACITY:

- 150 lbs [68 kgs]

MATERIALS:

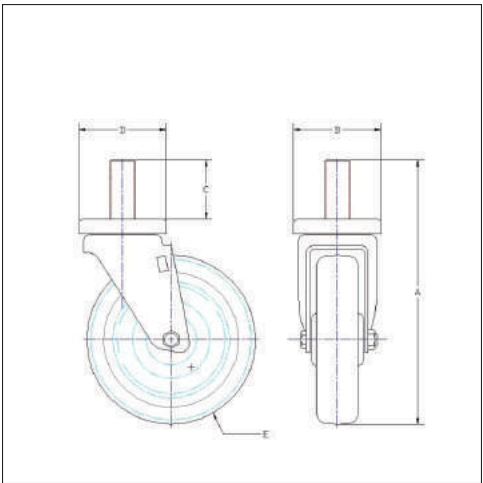
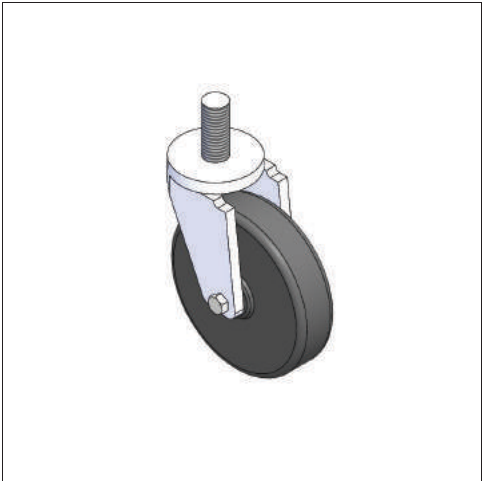
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

- 1.56 lbs [0.71 kg]

**HARDWARE RECOMMENDED
FOR ASSEMBLY:**

- 9/16" x 2 1/2" Caster Washer (56N250WSDZ/125), 1 each.



	Inches (in.)	Millimeters (mm)
A	7.81	198.33
B	2.59	65.79
C	1.75	44.45
D	2.59	65.79
E	Ø 5.00	Ø 127.00
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–

H030102100

Swivel Caster with 3/4" Stem

TYPICAL USE:

- Caster with a 3/4" stem for mating with 2 x 2 and 3 x 3 Slot Leveling Foot Supports.

FEATURES:

- Caster swivels 180° upon double ball bearings and hardened raceways.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

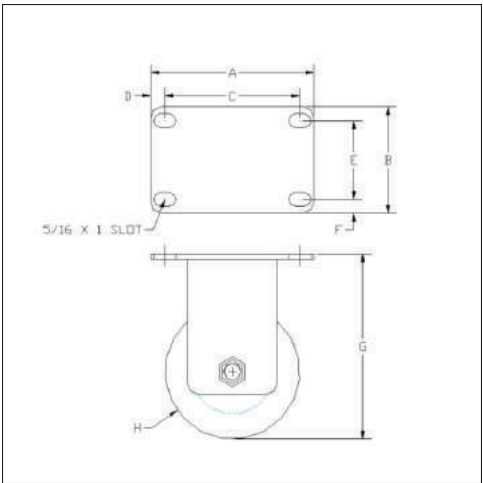
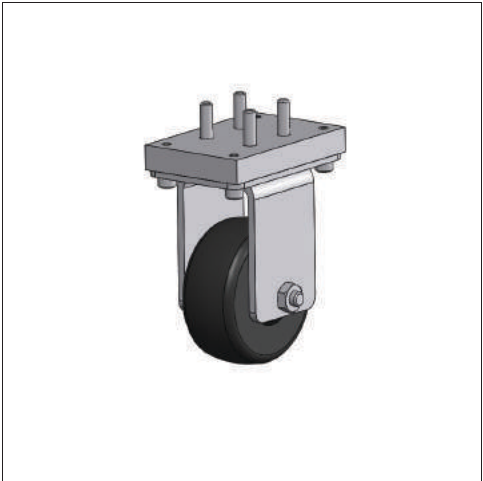
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

- 2.06 lbs [0.94 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 13/16" x 2 1/2" Caster Washer (81N250WSDZ/125), 1 each.



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.75	44.45
F	0.31	7.87
G	4.13	104.90
H	Ø 5.00	Ø 127.00
I	–	–
J	–	–
K	–	–
L	–	–

H030061100

1 x 1 Slot Rigid Caster Assembly With Brakes

TYPICAL USE:

- Assembly mounts to the end of a 1 x 1 Slot Support Beam (E010020100) to provide fixed caster mobility.

FEATURES:

- All mounting hardware included.

WEIGHT CAPACITY:

- 150 lbs [68 kgs]

MATERIALS:

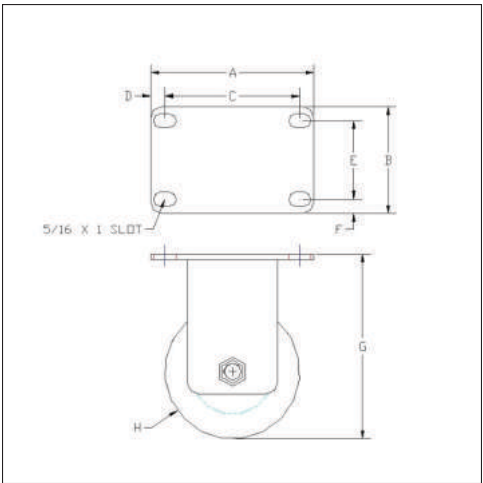
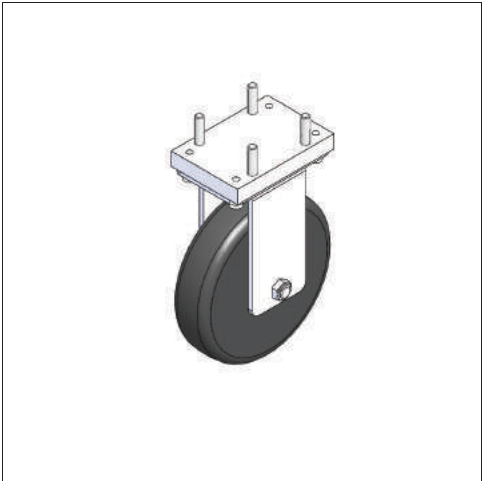
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.
- Mounting Plate: Clear Anodized Aluminum.

WEIGHT:

- 2.50 lbs [1.13 kgs]

ASSEMBLY HARDWARE INCLUDED:

- Rigid Caster with 3.0" [76.2mm] Diameter Wheel (H030052100), 1 each.
- 1 x 1 Slot Rigid Caster Adapter Plate (H030012100), 1 each.
- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.
- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.75	44.45
F	0.31	7.87
G	4.13	104.90
H	Ø 5.00	Ø 127.00
I	–	–
J	–	–
K	–	–
L	–	–

H030071100

2 x 2 Slot Rigid Caster Assembly With Brakes

TYPICAL USE:

- Assembly mounts to the end of a 2 x 2 Slot Support Beam (E010050100) to provide fixed caster mobility.

FEATURES:

- All mounting hardware included.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

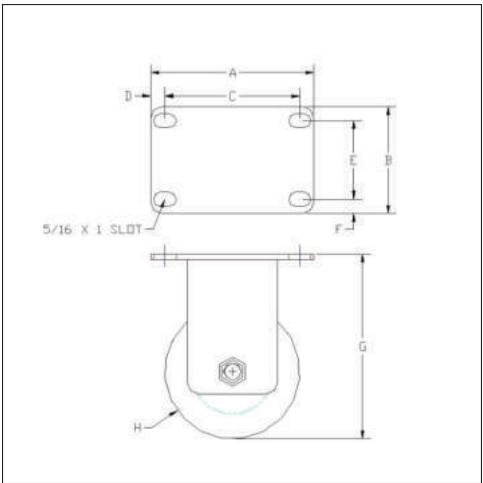
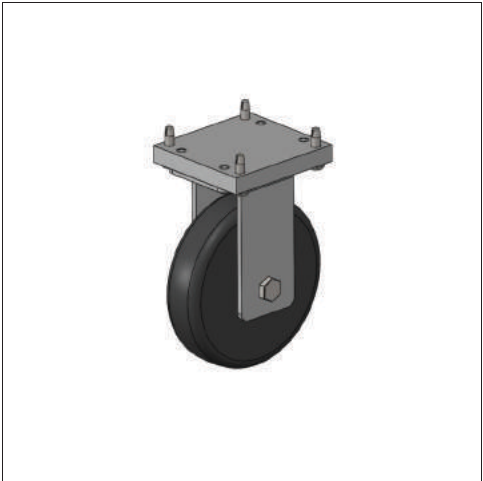
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.
- Mounting Plate: Clear Anodized Aluminum.

WEIGHT:

- 3.00 lbs [1.36 kgs]

ASSEMBLY HARDWARE INCLUDED:

- Rigid Caster with 5.0 in [127.0 mm] Diameter Wheel (H030042100), 1 each.
- 2 x 2 Slot Rigid Caster Adapter Plate (H030021100), 1 each.
- 1/4" - 20 x 1" Socket Head Cap Screws (25C100KCSS), 4 each.
- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	3.63	92.20
B	2.38	60.45
C	3.00	76.20
D	0.31	7.87
E	1.75	44.45
F	0.31	7.87
G	4.13	104.90
H	Ø 5.00	Ø 127.00
I	–	–
J	–	–
K	–	–
L	–	–

H030081100

3 x 3 Slot Rigid Caster Assembly With Brakes

TYPICAL USE:

- Assembly mounts to the end of a 3 x 3 Slot Support Beam (E010070100) to provide fixed caster mobility.

FEATURES:

- All mounting hardware included.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

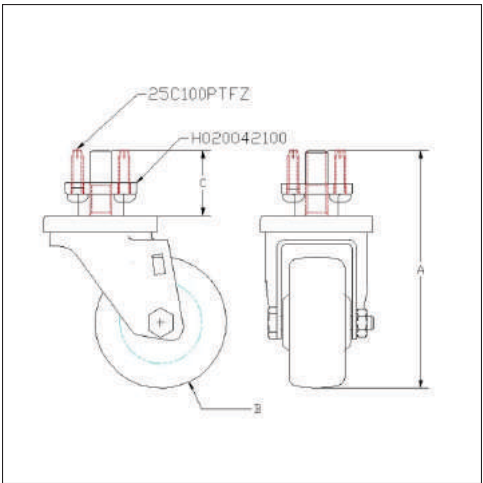
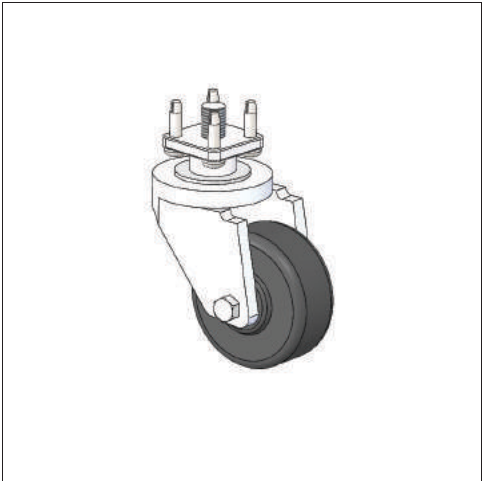
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.
- Mounting Plate: Clear Anodized Aluminum.

WEIGHT:

- 3.94 lbs [1.79 kgs]

ASSEMBLY HARDWARE INCLUDED:

- Rigid Caster with 5.0 in [127.0 mm] Diameter Wheel (H030042100), 1 each.
- 3 x 3 Slot Rigid Caster Adapter Plate (H030032100), 1 each.
- 1/4" - 20 x 1" Socket Head Cap Screw (25C100KCSS), 4 each.
- 1/4" - 20 x 5/8" Socket Head Cap Screw (25C62KCSS), 4 each.



	Inches (in.)	Millimeters (mm)
A	5.44	138.10
B	Ø 3.00	Ø 76.20
C	1.50	38.10
D	–	–
E	–	–
F	–	–
G	–	–
H	–	–
I	–	–
J	–	–
K	–	–
L	–	–

H030131100

1 x 1 Slot Swivel Caster Assembly

TYPICAL USE:

- Assembly mounts to the end of a 1 x 1 Slot Support Beam to provide swivel caster mobility.

FEATURES:

- Caster swivels 180° upon double ball bearings and hardened raceways.
- 1/2" diameter rod.
- Mounting hardware included.

WEIGHT CAPACITY:

- 150 lbs [68 kgs]

MATERIALS:

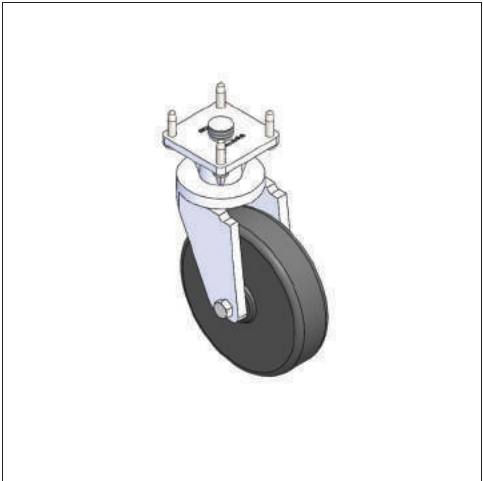
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

- 1.75 lbs [0.79 kg]

ASSEMBLY HARDWARE INCLUDED:

- Swivel Caster with 1/2" - 13 Stem (H030092100), 1 each.
- 1 x 1 Slot Leveling Foot Support (H0200421), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 9/16" x 2 1/2" Caster Washer (56N250WSDZ/125), 1 each.



H030141100

2 x 2 Slot Swivel Caster Assembly

TYPICAL USE:

- Assembly mounts to the end of a 2 x 2 Slot Support Beam to provide swivel caster mobility.

FEATURES:

- Caster swivels 180° upon double ball bearings and hardened raceways.
- 3/4" diameter rod.
- Mounting hardware included.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

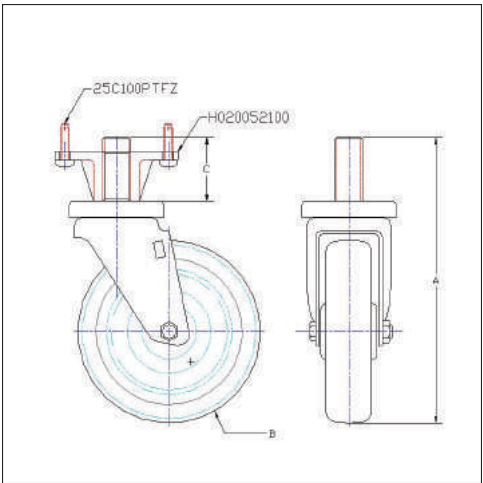
- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

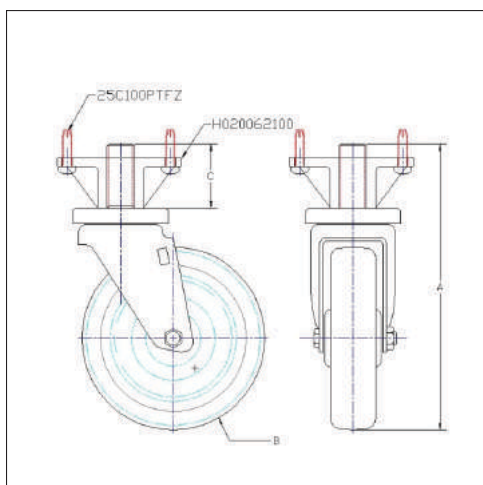
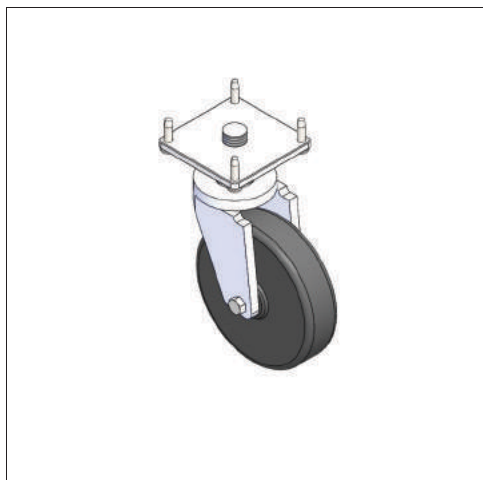
- 2.88 lbs [1.30 kgs]

ASSEMBLY HARDWARE INCLUDED:

- Swivel Caster with 3/4" - 10 Stem (H0301021), 1 each.
- 2 x 2 Slot Leveling Foot Support (H0200521), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 13/16" x 2 1/2" Caster Washer (81N250WSDZ/125), 1 each.



	Inches (in.)	Millimeters (mm)
A	7.81	198.33
B	2.59	65.79
C	1.75	44.45
D	—	—
E	—	—
F	—	—
G	—	—
H	—	—
I	—	—
J	—	—
K	—	—
L	—	—



	Inches (in.)	Millimeters (mm)
A	7.81	198.33
B	2.59	65.79
C	1.75	44.45
D	—	—
E	—	—
F	—	—
G	—	—
H	—	—
I	—	—
J	—	—
K	—	—
L	—	—

H030151100 3 x 3 Slot Swivel Caster Assembly

TYPICAL USE:

- Assembly mounts to the end of a 3 x 3 Slot Support Beam to provide swivel caster mobility.

FEATURES:

- Caster swivels 180° upon double ball bearings and hardened raceways.
- 3/4" diameter rod.
- Mounting hardware included.

WEIGHT CAPACITY:

- 200 lbs [91 kgs]

MATERIALS:

- Wheel: Cushion Tread Rubber.
- Housing: Mild Steel, Bright Zinc Plated.

WEIGHT:

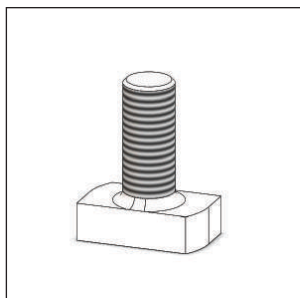
- 3.00 lbs [1.36 kgs]

ASSEMBLY HARDWARE INCLUDED:

- Swivel Caster with 3/4" - 10 Stem (H0301021), 1 each.
- 3 x 3 Slot Leveling Foot Support (H020062100), 1 each.
- 1/4 - 20 x 1 Pan Torx Type F Plated (25C100PTFZ), 4 each.
- 13/16" x 2 1/2" Caster Washer (81N250WSDZ/125), 1 each.

A collection of various metal drill bits and tools standing upright on a wooden workbench in a workshop setting. The tools are arranged in a row, with some having distinctive colors like gold and blue. The background is blurred, showing a workshop environment with a person in a blue shirt.

ASSEMBLY HARDWARE



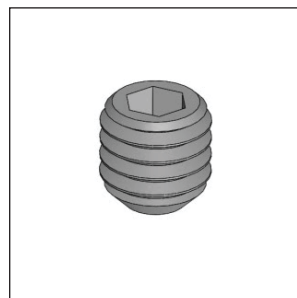
T-Bolts
Part Nos. Shown in
T-Bolt Ordering Chart
Page 110



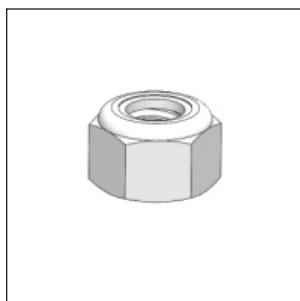
6 Lobe Flat Head Thread
Cutting Cap Screw, Type F
1/4" - 20 x 1 1/4"
25C125TTF
Page 111



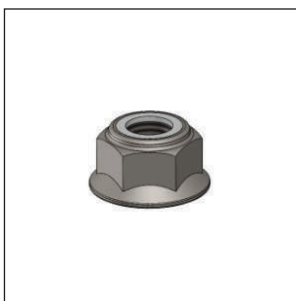
Self Tapping Screw For
Guide Rail #8 x 1/4"
8N25TPC
Page 111



Cup Point Socket Set Screw
25C31KKCS
Page 111



Nylon insert Hex Lock Nuts
Part Nos. Shown in
HLNUT Ordering Chart
Page 112



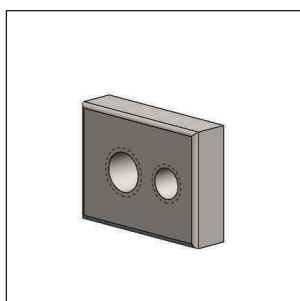
Flange Nut 5/16"-18
31CNNEFW
Page 112



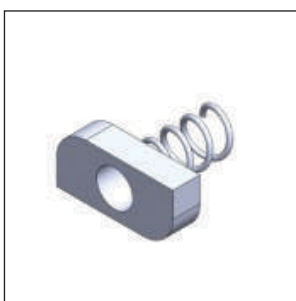
Flat Head Cap Screw
1/2" - 13 x 7/8"
50C88KFC
Page 112



Flat Caster Washers
Part Nos. Shown in
FCWasher Ordering Chart
Page 112 & 114



Double Square Nut 5/16"-
18 & 1/4"-20
H010072100
Page 113



Thin Spring Strut Nuts
Part Nos. Shown in
SPRING NUT Ordering
Chart Page 114



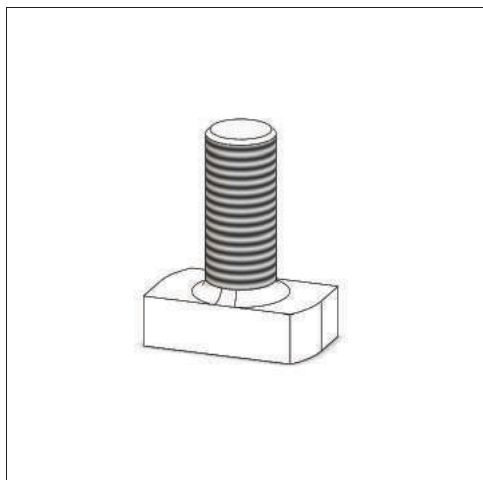
Torx Screw 1/4" - 20x1
25C100PTFZ
Page 114



Lock Washers
Part Nos. Shown in
LWASHER Ordering Chart
Page 114

ASSEMBLY HARDWARE

APPLICATION	FASTENER TYPE	RECOMMENDED TORQUE (LBS.-FT.)
Corner Tab Bracket into Square Nut	5/16" - 18 Hex Head Cap Screw	16
End Plate into Support Beam	1/4" - 20 Flat Head Cap Screw	14
Heavy Duty Corner Tab Bracket into Square Nut	5/16" - 18 Flat Head Cap Screw	17
Square Nut into Support Beam T-slot	1/4" - 20 Socket Set Screw	8
Square Nut into Support Beam T-slot	5/16" - 18 Socket Set Screw	8
Web Brackets, etc. into 5/16" Lock Nut & Washer	5/16"- 18 T-Bolt	12
End of Support Beam	1/4" - 20 x 1 1/4" 6-Lobe Thread Cutting Screw	14
End of Support Beam	1/4"- 20 x 1" Socket Head Cap Screw	14
Web Bracket into Square Nut	5/16" - 18 Hex Head Cap Screw	16



T-Bolts

TYPICAL USE:

- To secure mounting hardware to support beam T-slots.

FEATURES:

- Easy twist and locate installation from the side of the beam.
- Indicator slot to identify proper orientation.
- The T-Bolt is known to be fastened correctly when the indicator slot is perpendicular to the support beam T-slot.

MATERIAL:

- Low Carbon Steel, Zinc Plated.

T-Bolt Ordering Chart			
Part Number	Description	Length (L)	Weight (lb/kg)
H0100121	3/4" T-Bolt	0.98 in	0.03/0.01
H0100221	7/8" T-Bolt	1.10 in	0.04/0.02
H0100321	1" T-Bolt	1.23 in	0.04/0.02
H0100421	1 1/4" T-Bolt	1.48 in	0.04/0.02
H0100521	1 1/2" T-Bolt	1.73 in	0.05/0.02
H0100621	M8-1.25 T-Bolt	27.34 mm	0.03/0.01

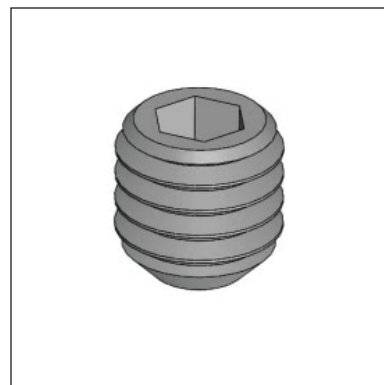
6-Lobe Flat Head Thread Cutting Cap Screw, Type F

Part Number	Description	Material	Weight (lb/kg)
25C125TTF	1/4" - 20 x 1 1/4"	Steel, Black Oxide	0.02/0.01

Self Tapping-Screw, For Snap On Guide Rail

Part Number	Description	Material	Weight (lb/kg)
8N25TPC	#8 X 1/4"	Steel, Black Oxide	0.02/0.01

Part Number	Description	Material	Weight (lb/kg)
25C31KKCS	1/4" - 20 x 5/16"	18-8 Stainless Steel	0.01/0.01
31C31KKCS	5/16" - 18 x 5/16"	18-8 Stainless Steel	0.01/0.01
31C37KKCS	5/16" - 18 x 3/8"	18-8 Stainless Steel	0.01/0.01
10F100KKCS	10 - 32 x 1"	18-8 Stainless Steel	0.02/0.01



Nylock Nuts

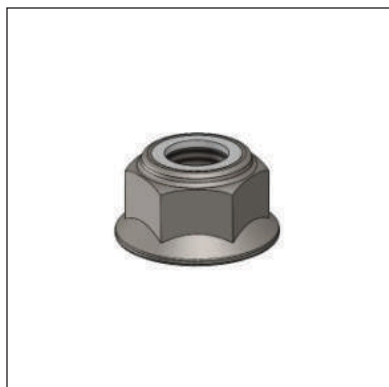
Part Number	Description	Material	Weight (lb/kg)
31CNNEFW	5/16" - 18	Steel, Zinc Plated	0.01/0.01
31CNNE	5/16" - 18	Steel, Zinc Plated	0.01/0.01

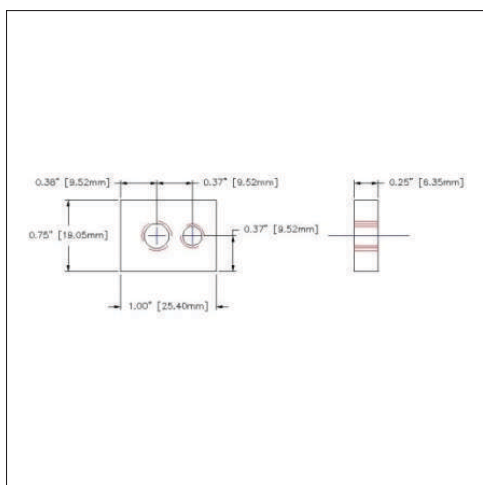
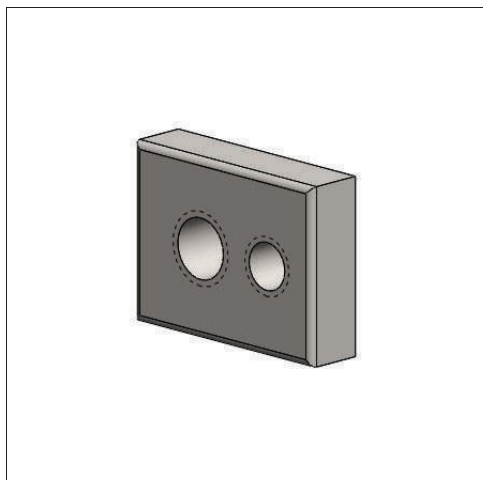
Flat Head Cap Screw

Part Number	Description	Material	Weight (lb/kg)
50C88KFC	1/2"-13 x 7/8"	Steel, Black Oxide	0.01/0.01

Flat Caster Washers Ordering Chart

Part Number	Description	Material	Weight (lb/kg)
56N250WSDZ/125	9/16" X 2 1/2" (for 1/2" stem caster)	Steel, Zinc Plated	0.01/0.01
81N250WSDZ/125	13/16" X 2 1/2" (for 3/4" stem caster)	Steel, Zinc Plated	0.01/0.01





H010072100 5/16"-18 & 1/4"-20 Double Square Nut

TYPICAL USE:

- To secure mounting hardware to support beam T-slots.
- Used in place of a T-Bolt for increased surface contact with the T-slot profile to provide high loading capacity.
- Provides easy movement within the length of extrusion T-slots for easier positioning and adjustment of attachments.

FEATURES:

- Secured in T-slots with 1/4" - 20 or 5/16" 18 set screws and attached to hardware with 1/4" - 20 or 5/16" - 18 screws.

WEIGHT:

- 0.05 lb [0.02 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 Cup Point Socket Set Screw (25C31KKCS), 1 each.
- 5/16" - 18 Cup Point Socket Set Screw (31C31KKCS), 1 each.

1/4-20 X 1 Pan Torx Type F, Zinc Plated

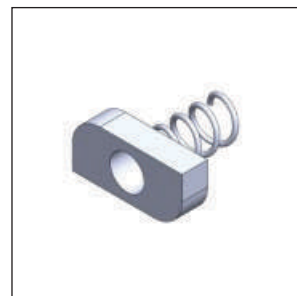
Part Number	Description	Material	Weight (lb/kg)
25C100PTFZ	1/4" - 20 x 1	Steel, Zinc Plated	0.04/0.02

Flat Washers Ordering Chart

Part Number	Description	Material	Weight (lb/kg)
25NWSAZ	1/4"	Steel, Zinc Plated	0.01/0.01
68N34WSDZ/089	5/16"	Steel, Zinc Plated	0.01/0.01
37NWSAZ	3/8"	Steel, Zinc Plated	0.01/0.01
50NWSAZ	1/2"	Steel, Zinc Plated	0.01/0.01
75NWSAZ	3/4"	Steel, Zinc Plated	0.01/0.01

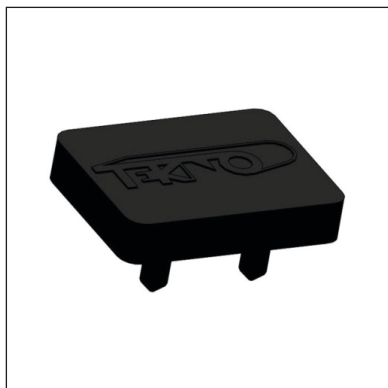
Lock Washers/Spring Nuts Ordering Chart

Part Number	Description	Material	Weight (lb/kg)
25NLOCZ	1/4"	Zinc Plated Steel Medium Carbon, Heat Treated	0.01/0.001
31NLOCZ	5/16"	Zinc Plated Steel Medium Carbon, Heat Treated	0.01/0.001
37NLOCZ	3/8"	Zinc Plated Steel Medium Carbon, Heat Treated	0.01/0.001
G-1534	1/4" - 20		0.01/0.001
G-1532	10 - 32		0.01/0.001

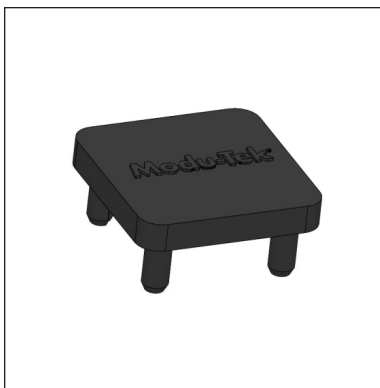


A close-up photograph of a beam end cap assembly. The assembly consists of a dark, textured metal cap with a series of notches or grooves along its length. This cap is mounted onto a lighter-colored, possibly aluminum, beam. The background is a blurred white surface. The text "BEAM END CAPS" is overlaid in the center in a bold, dark blue font.

BEAM END CAPS



Tri-Slot End Cap
H040012100
Page 117



1 x 1 Slot End Cap
H040022100
Page 117



1 x 2 Slot End Cap
H040032100
Page 118



1 x 3 Slot End Cap
H040042100
Page 118



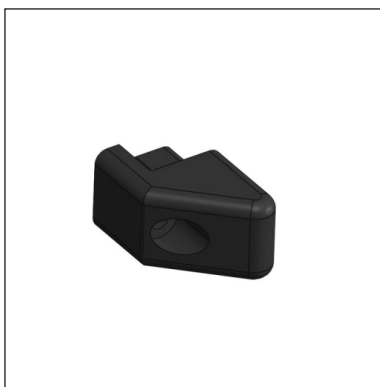
2 x 2 Slot End Cap
H040052100
Page 119



2 x 3 Slot End Cap
H040062100
Page 119



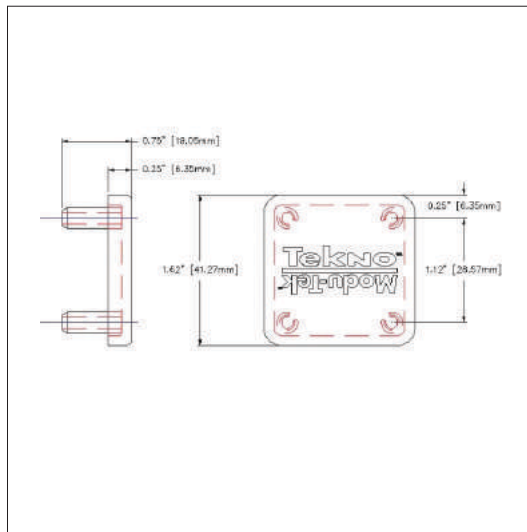
3 x 3 Slot End Cap
H040072100
Page 120



Guide Rail Lead In
H090022101
Page 120

H040012100

Tri-Slot End Cap

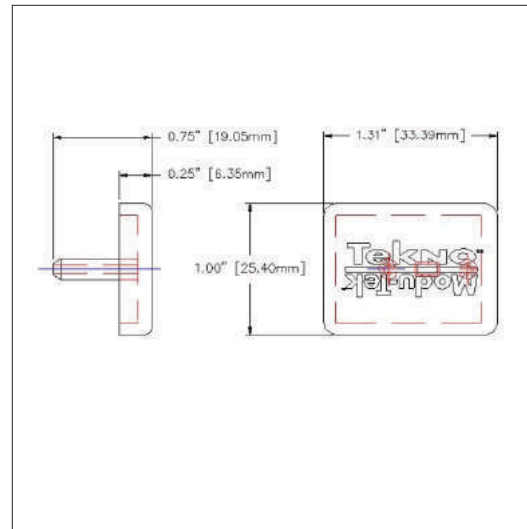


WEIGHT:

- 0.01 lb [0.01 kg]
- 1.28 in x 1.00 in [32.51 mm x 25.40 mm]

H040022100

1 x 1 Slot End Cap

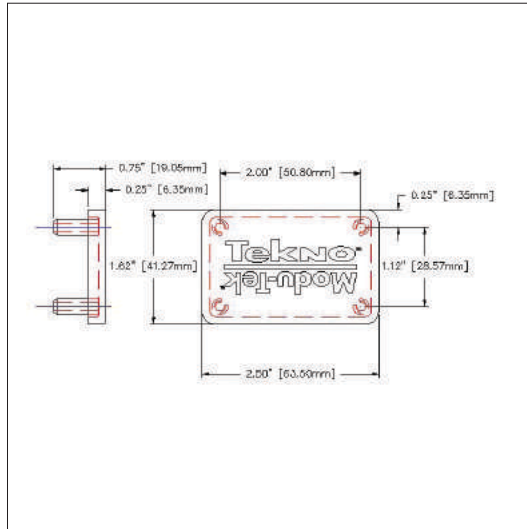


WEIGHT:

- 0.02 lb [0.01 kg]
- 1.63 in [41.40 mm] Square

H040032100

1 x 2 Slot End Cap

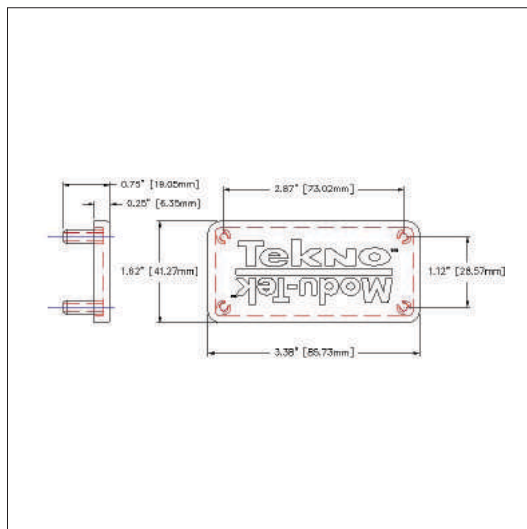


WEIGHT:

- 0.03 lb [0.01 kg]
- 1.63 in x 2.50 in [41.40 mm x 63.50 mm]

H040042100

1 x 3 Slot End Cap

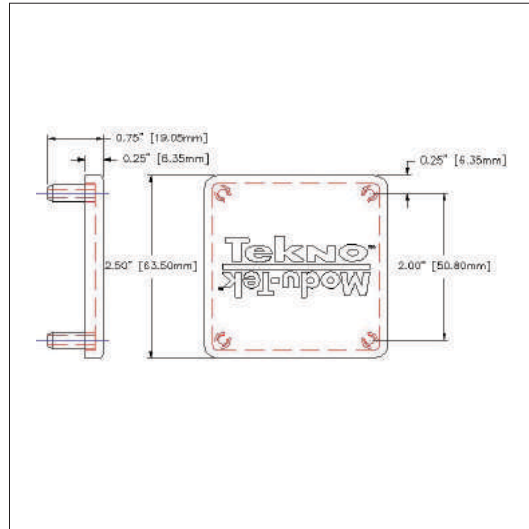


WEIGHT:

- 0.02 lb [0.01 kg]
- 1.63 in x 2.50 in [41.40 mm x 63.50 mm]

H040052100

2 x 2 Slot End Cap

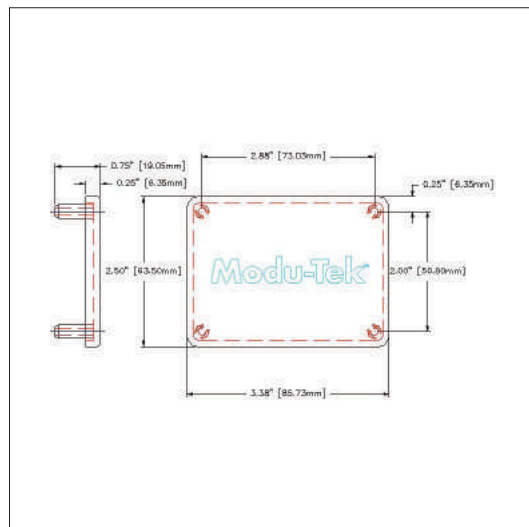


WEIGHT:

- 0.04 lb [0.03 kg]
- 2.50 in [63.50 mm] Square

H040062100

2 x 3 Slot End Cap

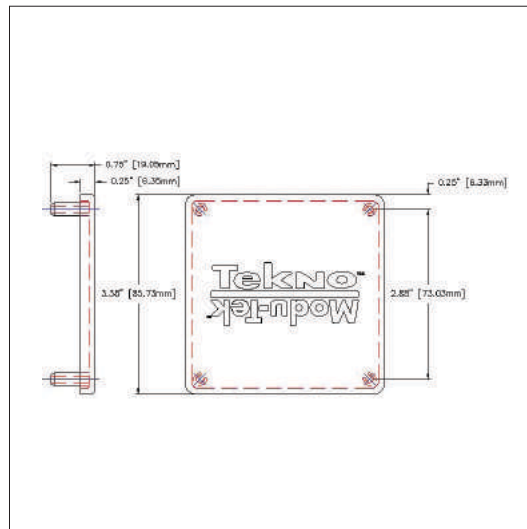


WEIGHT:

- 0.05 lb [0.02 kg]
- 2.50 in x 3.38 in [63.50 mm x 85.85 mm]

H0400721

3 x 3 Slot End Cap

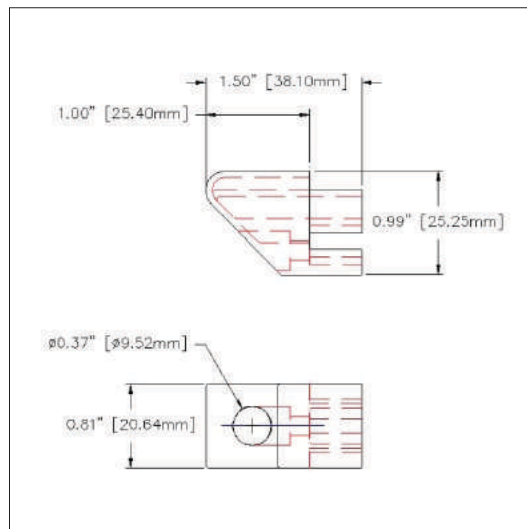


WEIGHT:

- 0.06 lb [0.03 kg]
- 3.38 in [85.85 mm] Square

H090022101

Guide Rail Lead In

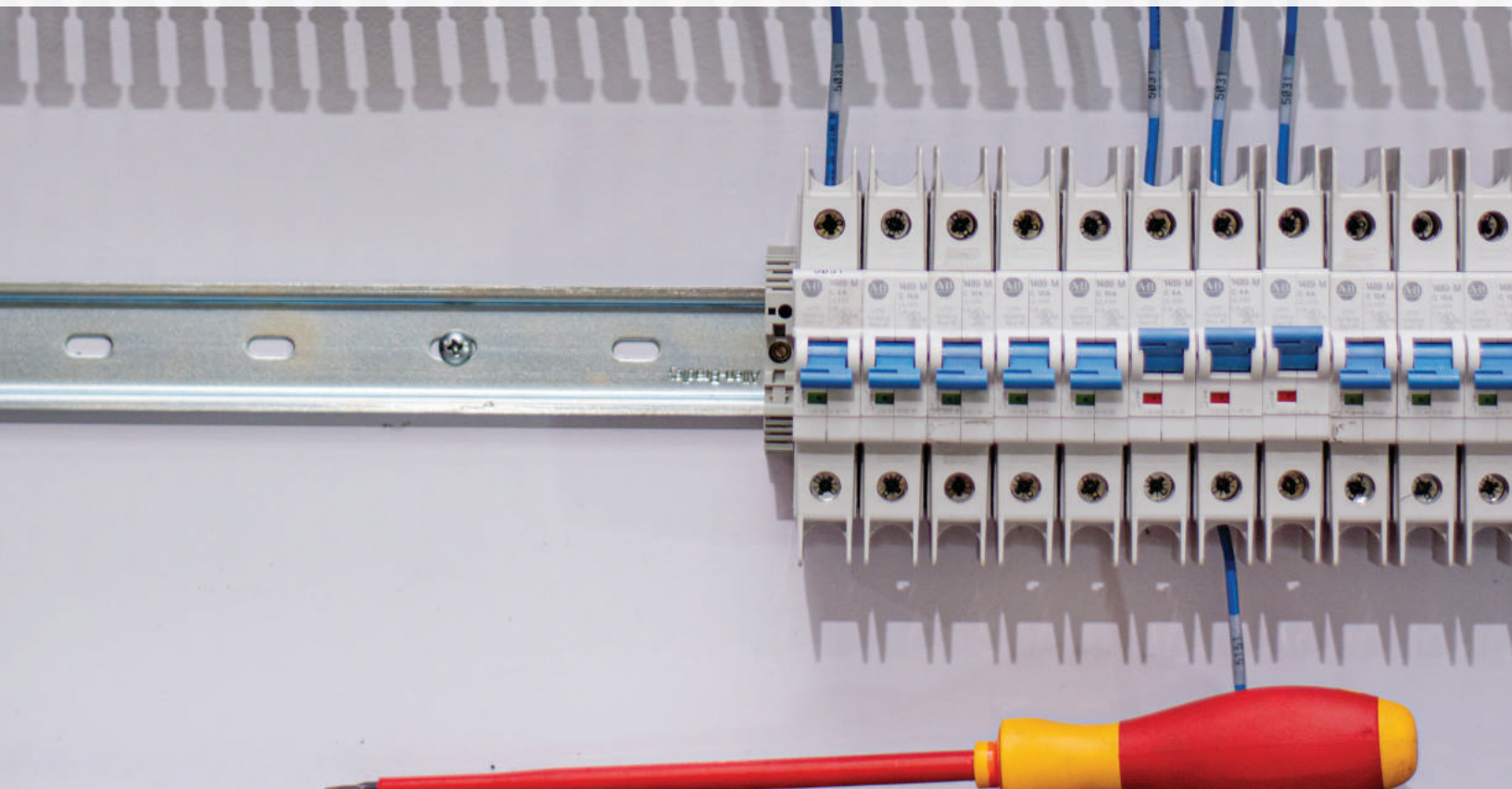


WEIGHT:

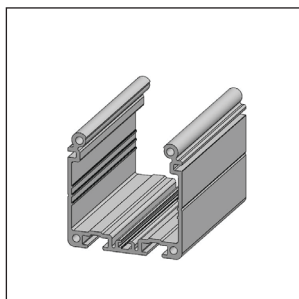
- 0.02 lb [0.01 kg]



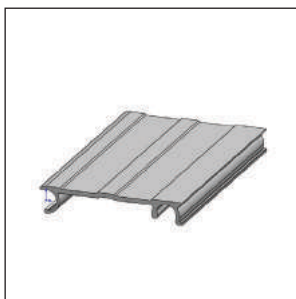
ELECTRICAL COMPONENTS



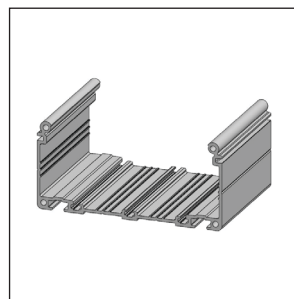
STANDARD ALUMINUM WIREWAY COMPONENTS



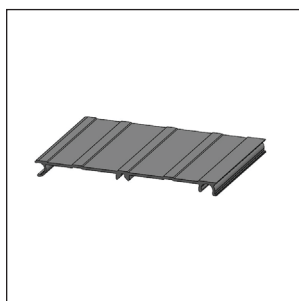
Single Wireway
E0600121
Page 124



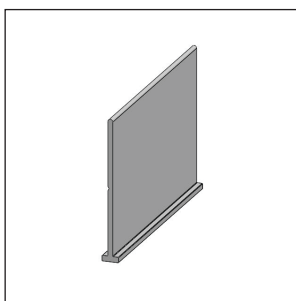
Single Wireway Cover
E0600221
Page 125



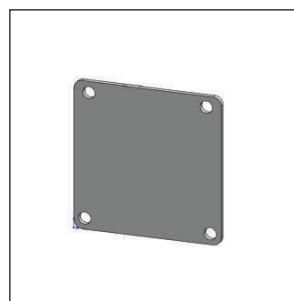
Double Wireway
E060052100
Page 126



Double Wireway Lid
E060062100
Page 127

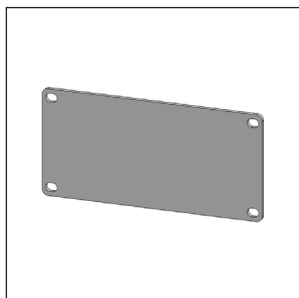


Wireway Divider
H060072100
Page 128

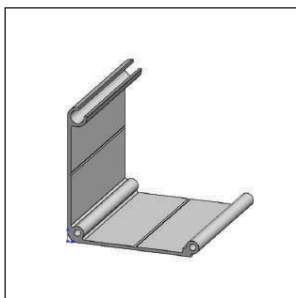


Single Wireway End Plate
H050012100
Page 129

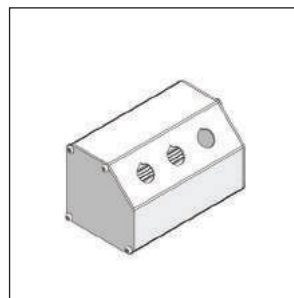
WIREWAY JUNCTION COMPONENTS



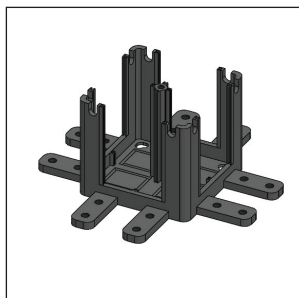
Double Wireway End Plate
H050052101
Page 130



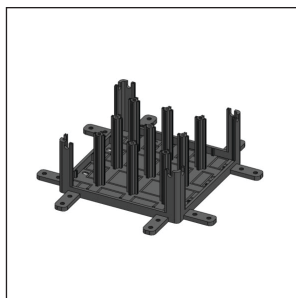
Wireway Junction
E060032100
Page 131



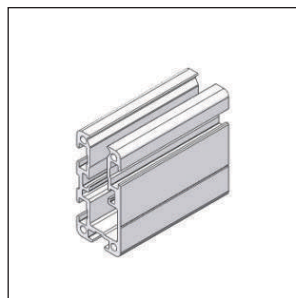
3 Hole Pushbutton Box
V020251100
Page 132



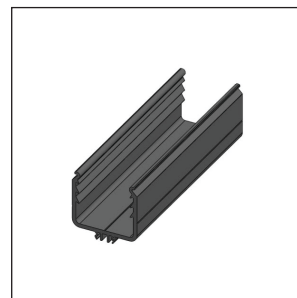
Single Wireway Junction
Box Base
V046111100
Page 133



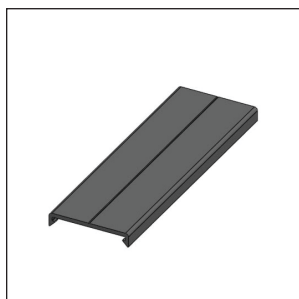
Double Wireway Junction
Box Base
V046012100
Page 134



Hot Rail Extrusion
E061000100
Page 135



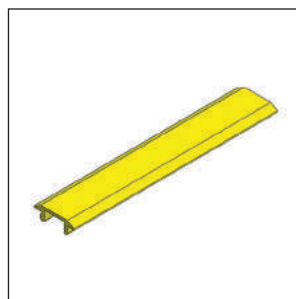
1 5/8" X 1 1/2"
Plastic Wireway
E050212100
Page 136



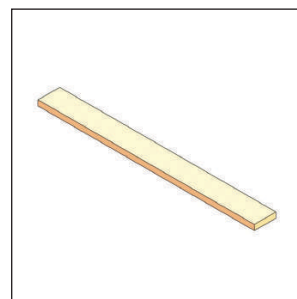
1 5/8" Plastic Wireway Cover
E050222100
Page 137



1 5/8" Plastic Wireway Wire
Keeper Clip
H050062100
Page 138



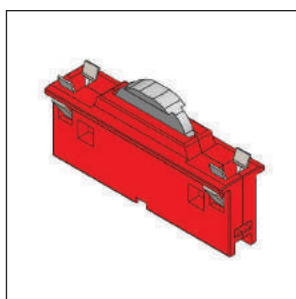
Extrusion, Hot Rail,
Cover, Yellow
E050142100
Page 139



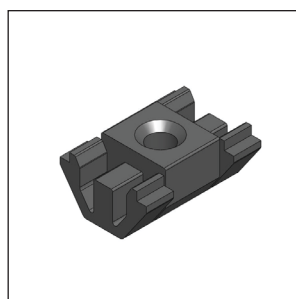
Electrical, Hot Rail,
Copper Bar
V010050100
Page 140



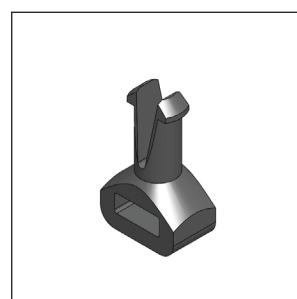
Extrusion, Hot Rail, Carrier
For Copper Bus
E050132100
Page 141



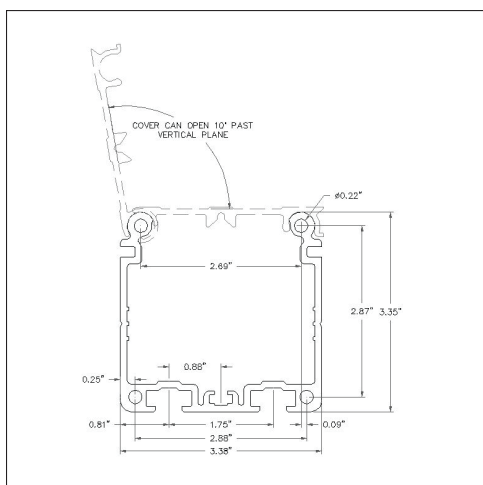
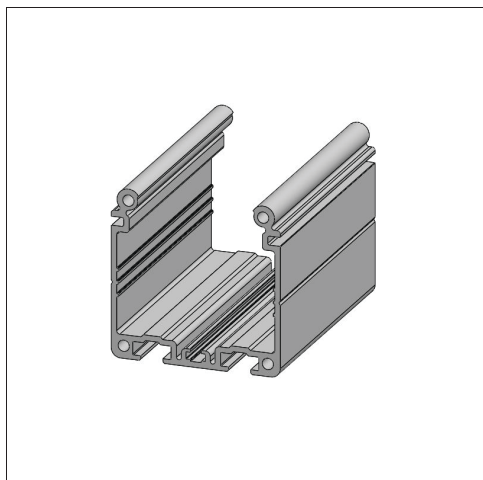
Hot Rail Brush Assembly
V010011100
Page 142



Hardware, T-Slot Anchor
H050072100
Page 143



Hardware, Zip Pin
H050082100
Page 143



E0600121 Single Wireway

FEATURES:

- The standard Modu-Tek® T-slot configuration on each side of the extrusion allows the use of standard mounting hardware to fasten the wire way to all T-slotted structural extrusions.
- V-shaped indentation marks running along the length of three sides of the extrusion facilitate the proper alignment of a knockout punch for the attachment of conduit fittings.
- The standard 3 x 3 Slot End Cap (H0400721) fits the extrusion profile.
- The open top with snap-in wire way cover allows easy access for wiring.

MATERIALS:

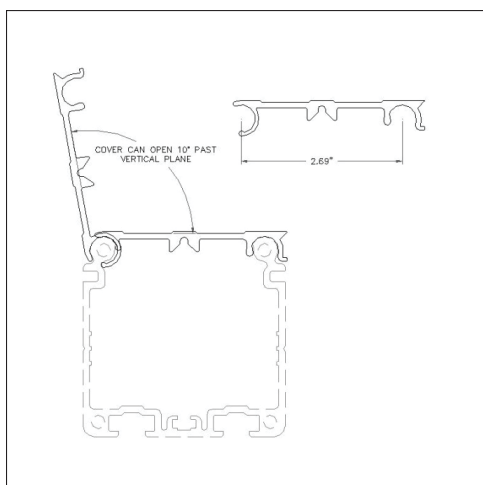
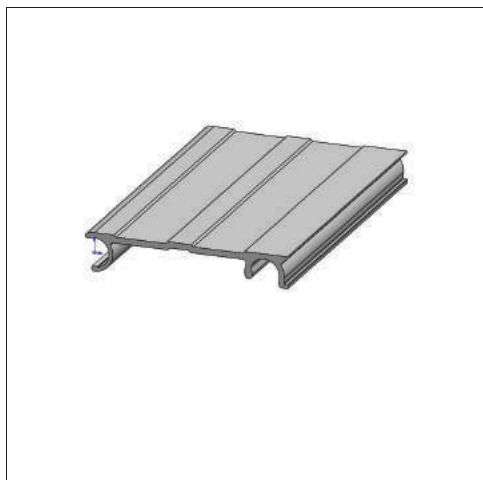
- 6063-T6 Aluminum Alloy with a 201-R1 Clear Anodize Exterior finish.
- Cross Sectional Area (A): 1.70 in² [10.94 cm²]

WEIGHT PER FOOT:

- 1.99 lbs [0.90 kg]

STANDARD LENGTH:

- 242 Inches



E0600221 Single Wireway Cover

TYPICAL USE:

- Provides a hinged cover for the Modu-Tek® Wireway (E0600121).

FEATURES:

- Unique profile snaps onto the Wireway extrusion providing a hinged cover along the entire length of the Wireway without the use of fasteners.
- The Wireway extrusion is symmetrical, allowing the piece to be attached as either a right hand or left hand cover.
- Profile design allows the cover to hinge open 10° beyond the vertical position to provide easy access for wiring.
- Easy lift-off profile allows the cover to be removed.

MATERIALS:

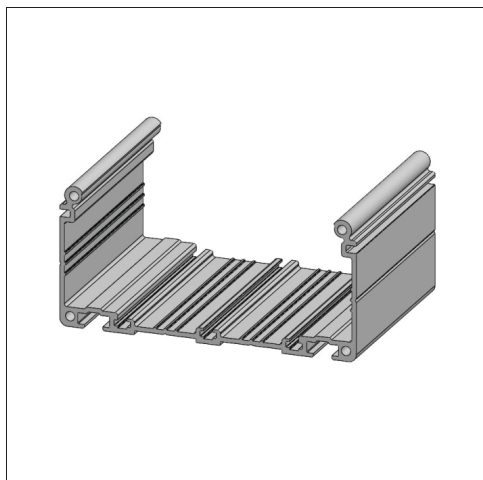
- 6063-T6 Aluminum Alloy with a 201-R1 Clear Anodize Exterior finish.
- Cross Sectional Area (A): 0.37 in² [2.39 cm²]

WEIGHT PER FOOT:

- 0.44 lb [0.20 kg]

STANDARD LENGTH:

- 242 Inches



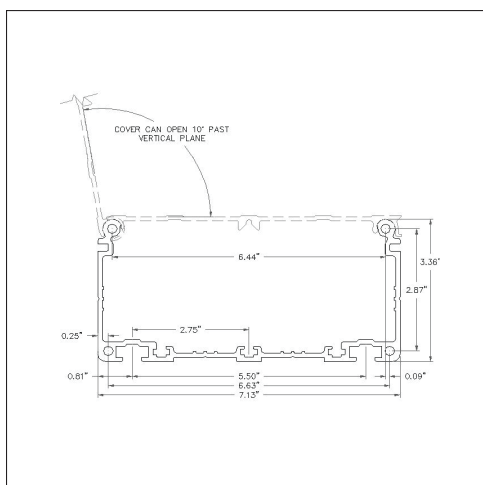
E060052100 Double Wireway

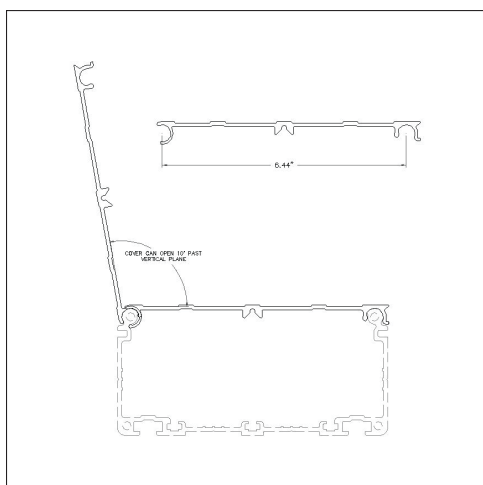
TYPICAL USE:

- Double Wireway Extrusion – Used for a channel to run electrical or pneumatic lines.

FEATURES:

- T-slot extrusions for quick and easy mounting with any of Tekno's bracketry. The center is made to accept up to three dividers which can be used together or in any combination to customize the wire space and keep high voltage separate for low voltage or pneumatic lines, depending on your application.





E060062100 Double Wireway Lid

TYPICAL USE:

- Provides a hinged cover for the Modu-Tek® Wireway (E0600121).

FEATURES:

- Unique profile snaps onto the Wireway extrusion providing a hinged cover along the entire length of the Wireway without the use of fasteners.
- The Wireway extrusion is symmetrical, allowing the piece to be attached as either a right hand or left hand cover.
- Profile design allows the cover to hinge open 10° beyond the vertical position to provide easy access for wiring.
- Easy lift-off profile allows the cover to be removed.

MATERIALS:

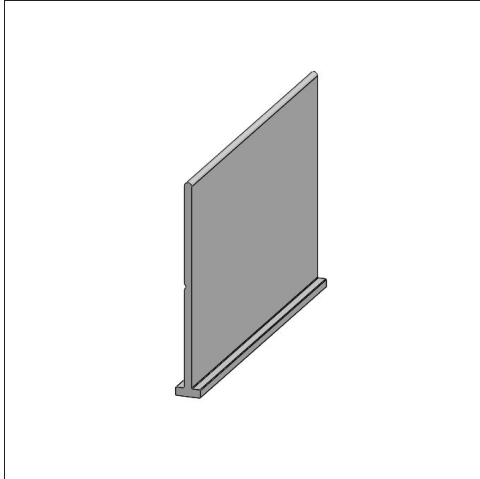
- 6063-T6 Aluminum Alloy with a 201-R1 Clear Anodize Exterior finish.
- Cross Sectional Area (A): 0.37 in² [2.39 cm²]

WEIGHT PER FOOT:

- 0.44 lb [0.20 kg]

STANDARD LENGTH:

- 242 Inches



E060072100 Wireway Divider

TYPICAL USE:

- Wireway Divider Extrusion – Used to separate Tekno's Wireway extrusions, keeping high and low voltage cables apart.

FEATURES:

- Can be slid into either single Wireway (E060012102) or double Wireway (E060102100).

MATERIAL:

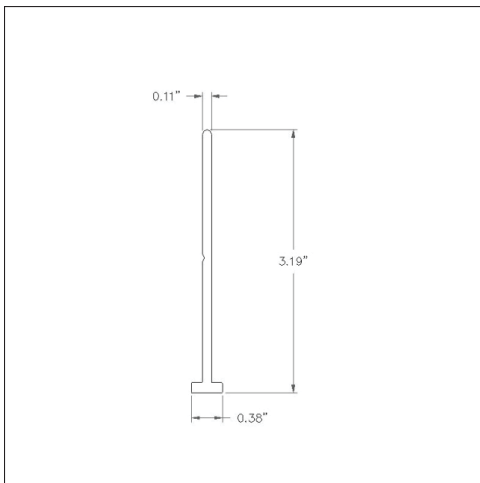
- Mild Steel.

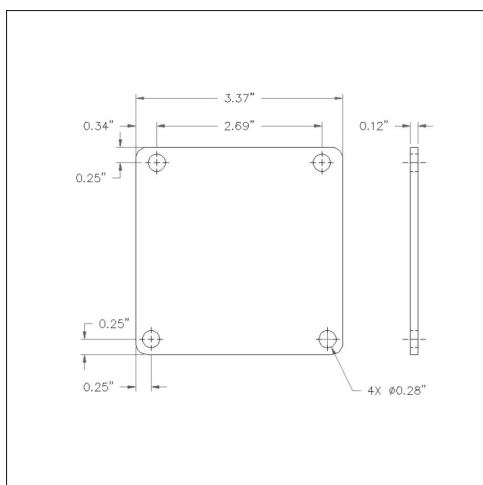
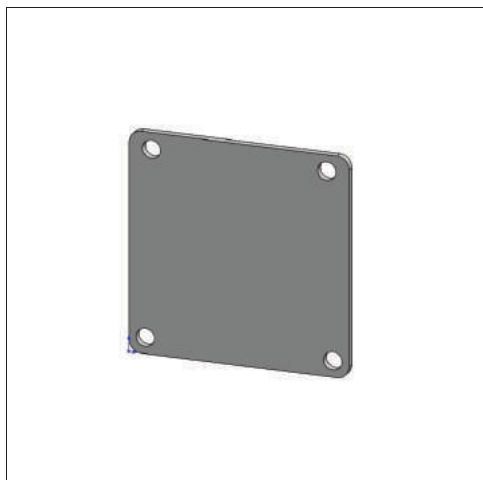
WEIGHT PER FOOT:

- 0.62 lb [0.28 kg]

STANDARD LENGTH:

- 242 Inches





H050012100 Single Wireway End Plate

TYPICAL USE:

- The aluminum plate covers the exposed end of the Modu-Tek® Wire way (E0600121).

FEATURES:

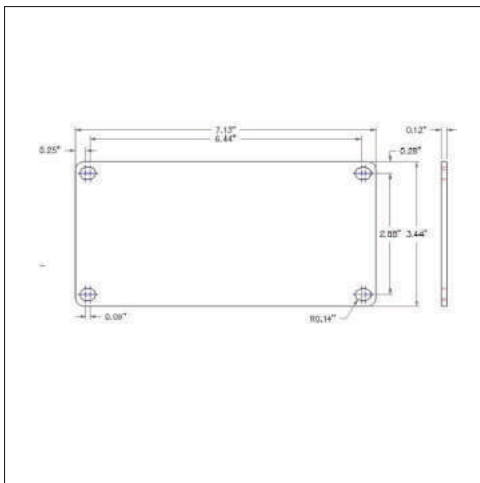
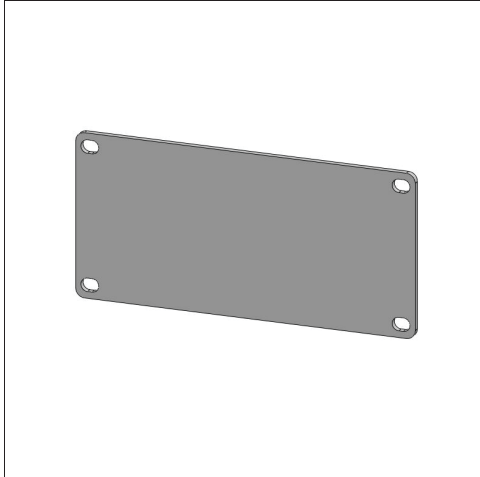
- Although the wire way extrusion end can also accommodate the 3 x 3 Slot Plastic End Cap (H0400721), the aluminum Wire way End Plate is the best choice for the secure attachment of conduit fittings.

MATERIAL:

- 6063-T6 Aluminum Alloy with a Clear Anodize Finish.

WEIGHT:

- 0.14 lb [0.06 kg]



H050052101 Double Wireway End Plate

TYPICAL USE:

- Double Wireway end cap used to cap off the ends of Tekno's double Wireway extrusion (E060102100).

FEATURES:

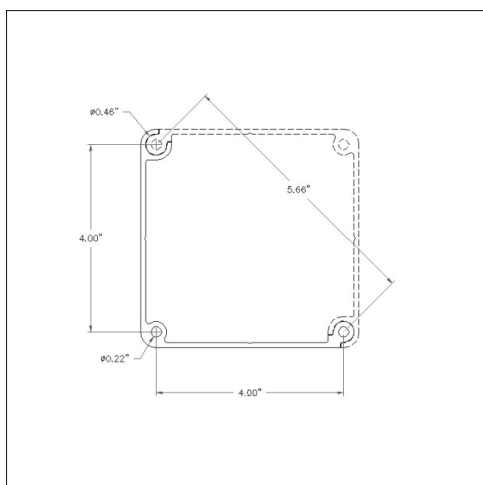
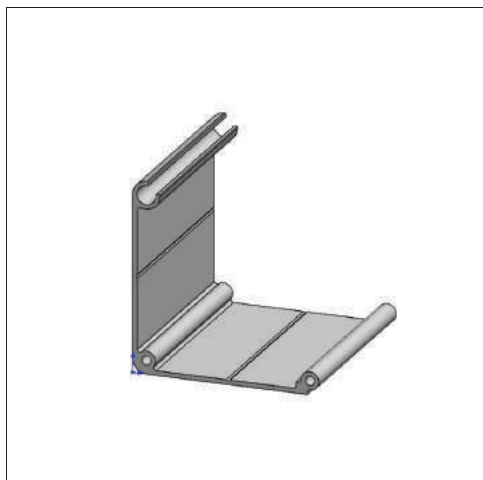
- Although the wire way extrusion end can also accommodate the 3 x 3 Slot Plastic End Cap (H0400721), the aluminum Wire way End Plate is the best choice for the secure attachment of conduit fittings.

MATERIAL:

- 6063-T6 Aluminum Alloy with a Clear Anodize Finish.

WEIGHT:

- 0.14 lb [0.06 kg]



E060032100 Wireway Junction

TYPICAL USE:

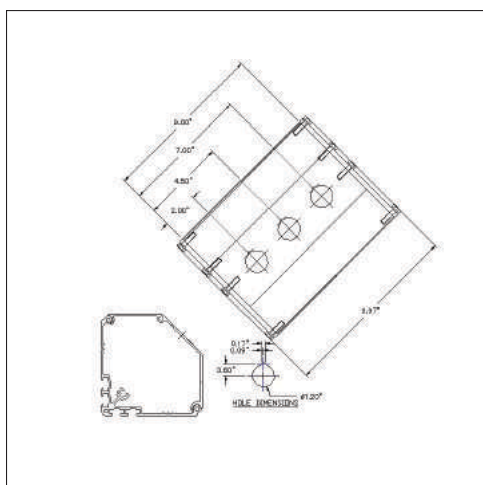
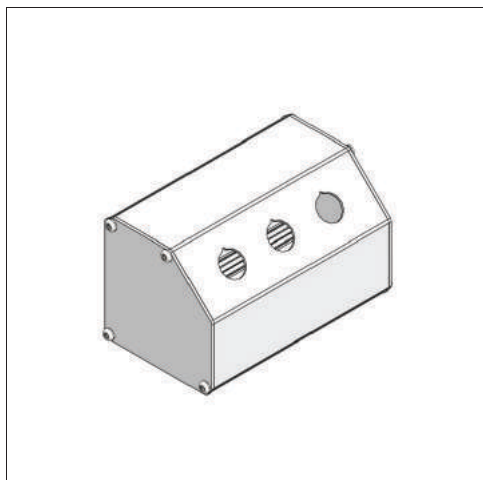
- Provides a 90° junction at the end of a Wireway section for the routing of air and electrical lines between termination points.

FEATURES:

- The symmetrical design of the junction provides an open-style extrusion to facilitate the addition of conduit fitting knockout holes from the inside of the extrusion.
- Two pieces of the extrusion can be mated together and firmly secured between two Wireway Junction End Plates to form a fully enclosed junction box.
- Since the Wireway Junction is an extrusion, various lengths can be accommodated to create simple 90° or 45° elbow, "T" configurations, or junction boxes with terminations from Wireway to field devices.

MATERIAL:

- 6063-T6 Aluminum Alloy with a 201-R1 Clear Anodize Exterior Finish.



E060032100 Wireway Junction

TYPICAL USE:

- An enclosure for the mounting and wiring of three electrical components.

FEATURES:

- Allows three electrical components to be mounted at a 45° angle.
- Mounts to a Wireway extrusion (E0600121) when wire way knockouts are specified.
- Can also be mounted to a conduit.

MATERIALS:

- Junction Box Extrusions: 6063-T6 Aluminum Alloy with a Clear Anodize Finish.
- End Plates: 6061 Aluminum Alloy with a Clear Anodize Finish.
- Button Head Cap Screws: 18-8 Stainless Steel.

WEIGHT:

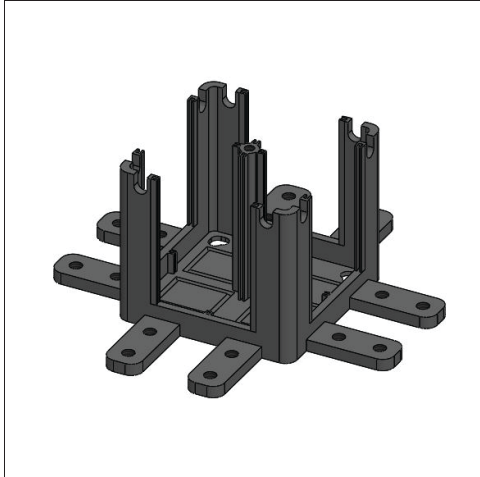
- 2.40 lbs [1.09 kgs]

HARDWARE INCLUDED:

- 3-Hole 45° Wireway Junction Cover (E0600421), 1 each.
- Wireway Junction (E0600321), 1 each.
- 45° Wireway Junction End Plates (H0500321), 2 each.
- 1/4" - 20 x 1 Pan Torx Screw Type F Plated (25C100PTFZ), 8 each.

HARDWARE RECOMMENDED FOR ASSEMBLY:

- None.



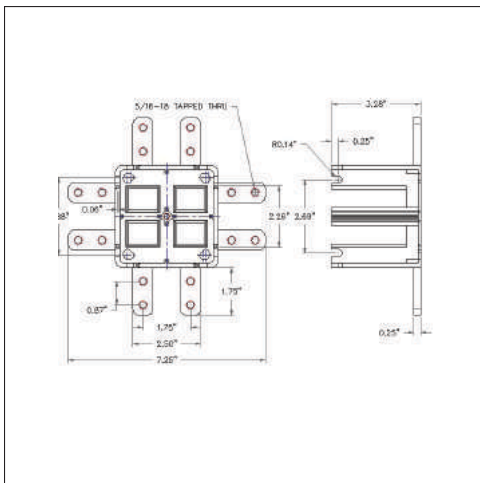
V046111101 Single Wireway Junction Box Base

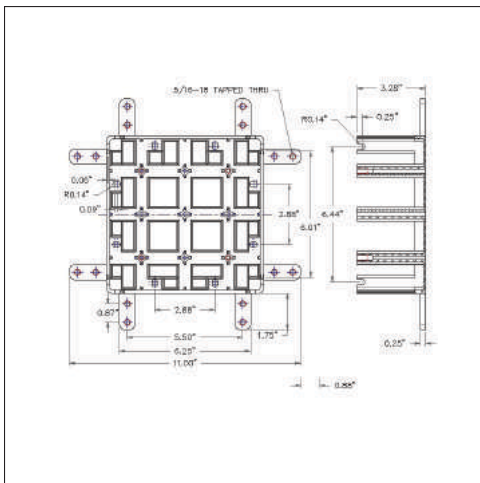
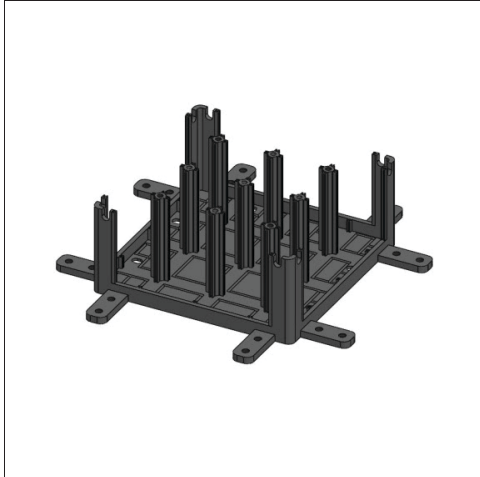
TYPICAL USE:

- Single Wireway junction kit: Used to make various types of junctions in Tekno's single Wireway.

FEATURES:

- Can be configured for either a "T" section, "Cross", 90 Deg, or vertical bends. Dividers can be easily removed and reconfigured for any use.





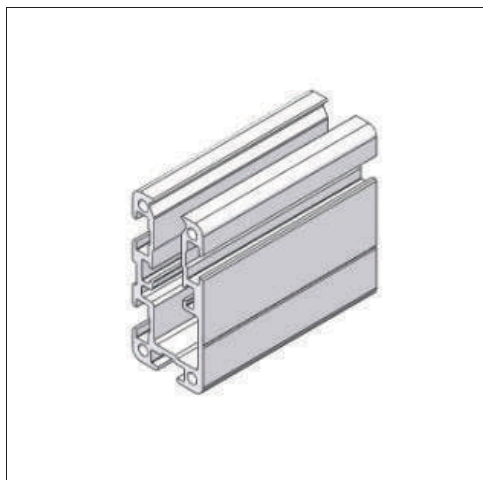
V046011101
Double Wireway Junction
Box base

TYPICAL USE:

- Double Wireway junction kit: Used to make various types of junctions in Tekno's single Wireway.

FEATURES:

- Can be configured for either a "T" section, "Cross", 90 Deg, or vertical bends. Dividers can be easily removed and reconfigured for any use.



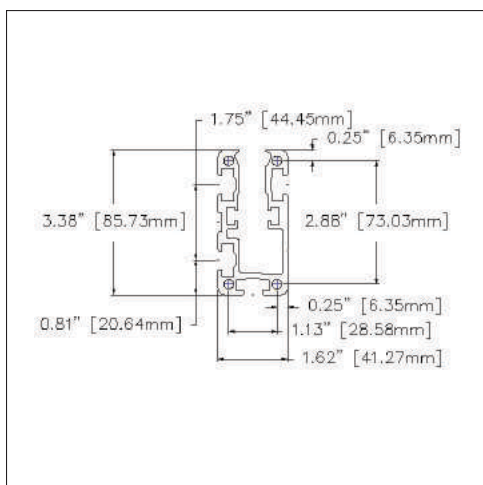
E061000100 Hot Rail Extrusion

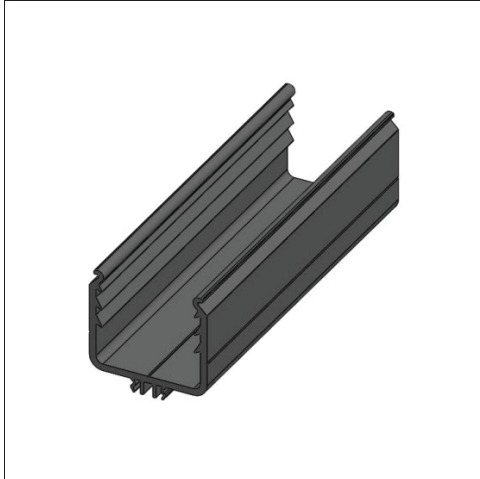
TYPICAL USE:

- Use in combination with Hot Rail Brushes to supply AC or DC power.

HARDWARE RECOMMENDED:

- E050142100- Hot Rail Cover
- V010050100- Hot Rail Copper Bar
- E050132100- Hot Rail Extrusion for Copper Bus





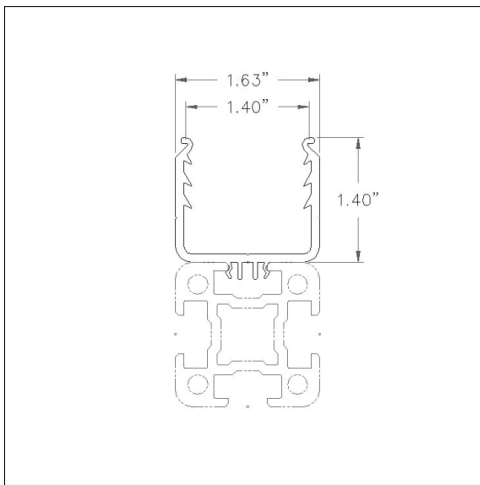
E050212100 1 5/8" X 1 1/2" Plastic Wireway

TYPICAL USE:

- Plastic Wireway: Used to route a small amount of airlines, cables or other medium along Tekno's T-slotted extrusion. Worked with any Tekno extrusion. Can be cut to lengths from 20' down to a few inches. Has a 1 1/2" x 1 1/2" channel for cables.

FEATURES:

- Used in conjunction with E050222100 (Plastic Wireway lid & H050062100 (Plastic Wireway retainers) to make a neat appearance.





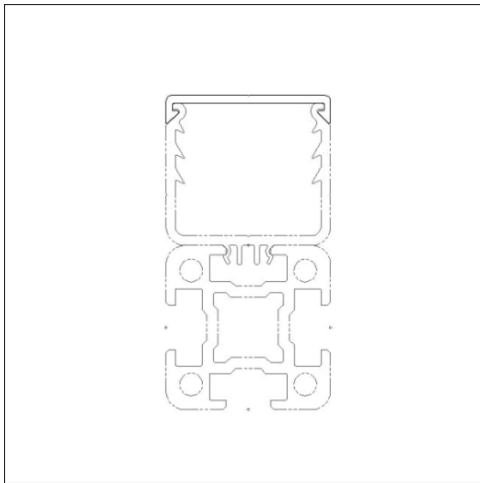
E050222100 1 5/8" Plastic Wireway Cover

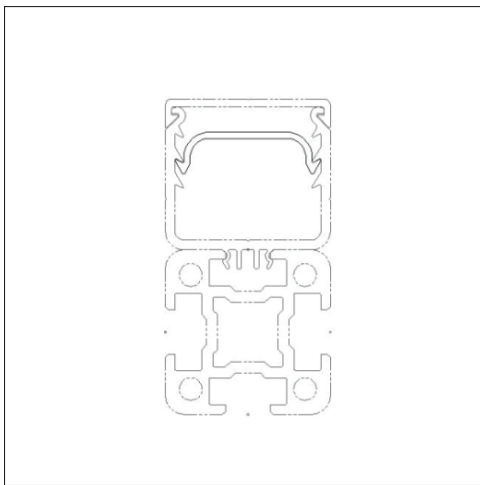
TYPICAL USE:

- Plastic Wireway lid: Used to cap the top of Tekno's plastic Wireway (E050212100). Lid is easily removable and snaps in place for easy access to cables.

FEATURES:

- Used in Conjunction with H050062100 (Plastic Wireway retainers) to keep cables retained in various applications.





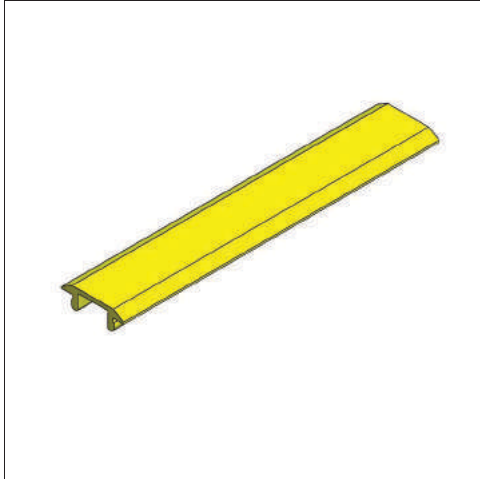
H050062100 1 5/8" Plastic Wire Way Wire Keeper Clip

TYPICAL USE:

- Plastic Wireway retainers: Used to secure cables inside of Tekno's Plastic Wireway (E050212100).

FEATURES:

- Quickly and easily snap into place to keep cables from falling out on vertical and inverted applications. Can be removed and reused as needed. Clips can snap into three different grooves to make various levels of wires inside the tray.



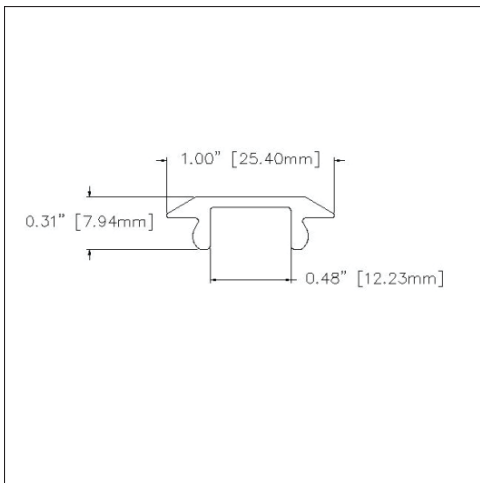
E050142100 Extrusion, Hot Rail, Cover, Yellow

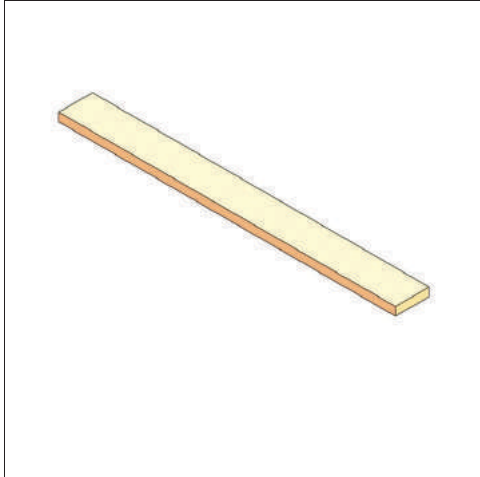
TYPICAL USE:

- Extrusion, Hot rail cover, yellow – Snaps into Hot rail extrusion (E061000100) or Tekno's Flow through beam (E030062100) to cover the opening. On the hot rail beam (E061000100) it protects articals from falling into the extrusion and contacting the copper bar.

FEATURES:

- In the Flow through beam (E030062100) covers the bottom opening of extrusion where the chain returns.





V010050100

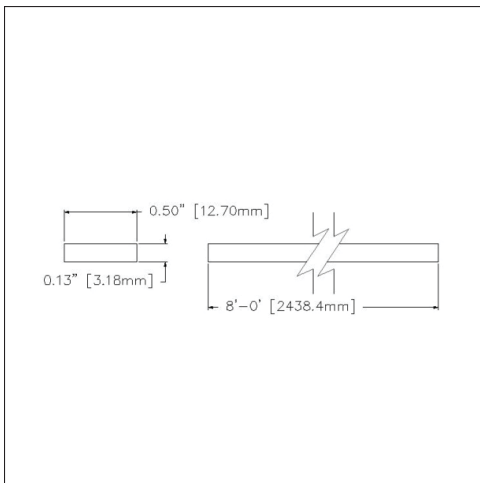
Electrical, Hot Rail, Copper Bar

TYPICAL USE:

- Electrical, Hot rail, copper bar – Slides inside Copper bar carrier (E050132100) to isolate from the Hot rail extrusion (E061000100).

FEATURES:

- The copper bar is used to carry power to the hot rail brushes (V010011100).



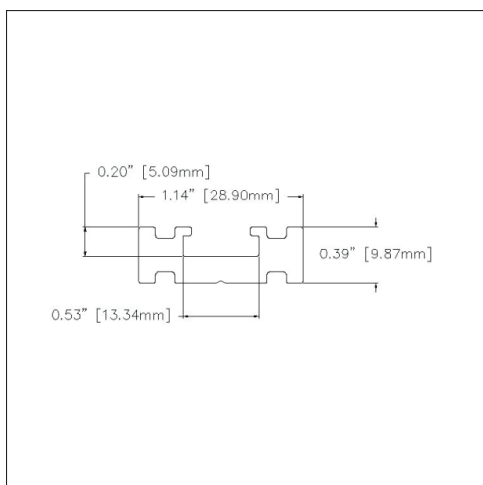


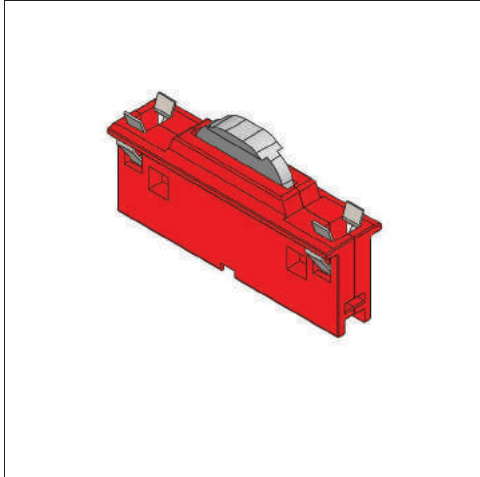
E050132100

Extrusion, Hot Rail, Carrier For Copper Bus

TYPICAL USE:

- Extrusion, hot rail, carrier for copper bus: Slides into Hot rail extrusion (E061000100) and isolates copper bar (V010050100) from the extrusion frame.

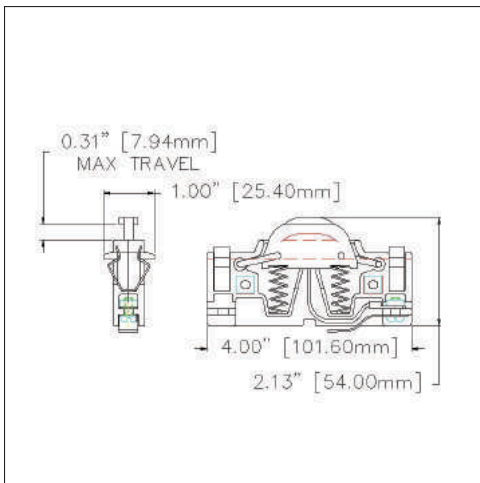




V010011100 Hot Rail Brush Assembly

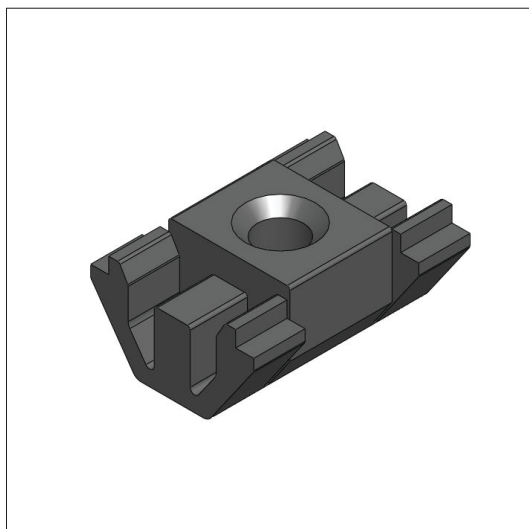
TYPICAL USE:

- This assembly is used for supplying AC or DC Voltage.
- 30 Amp rating
- Used with Tekno's Pallets.



H050072100

Hardware, T-Slot Anchor



TYPICAL USE:

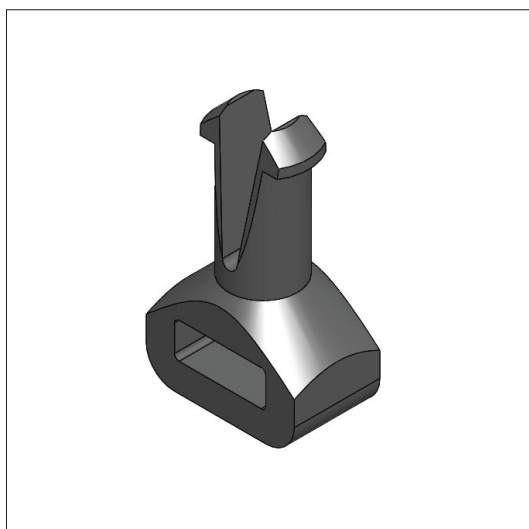
- Hardware, T-slot anchor – Drop into any of Tekno's aluminum extrusion's T-slots for a quick easy fastener or an anchor for a wire tie.

FEATURES:

- The hole in the anchor is made for a #10 screw to thread into the anchor. It can be used for fastening small brackets or other light weight hardware to the sides of conveyor, structures or anywhere else you have Tekno's T-slotted extrusion. Also by snapping part H050082100 (Zip tie pin) you can use this part to hold a bundle of wires to the side of an extrusion.

H050082100

Hardware, T-Slot Zip Tie Pin



TYPICAL USE:

- Hardware, T-slot anchor zip tie pin – Works in conjunction with a 5/32" dia. Hole to snap in an easily pivot.

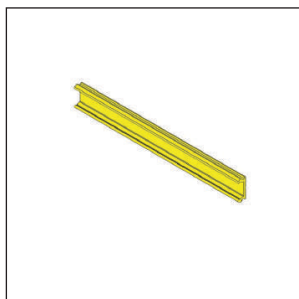
FEATURES:

- Use as a mount to hold a bundle of wires in place. Works best with part H050072100 (T-slot anchor) to hold wires in a T-slot.

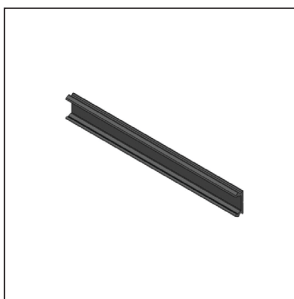


ACCESSORIES

T-SLOT COVERS



T- Slot Cover, Safety Yellow
E050022100
Page 147



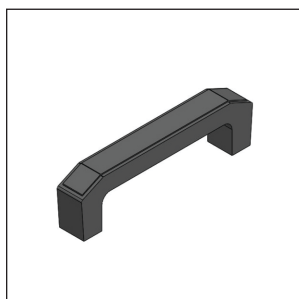
T-Slot Cover, Black
E050032100
Page 148

PANELS



1" x 1" Black Plastic Coated
12 Gauge Wire Mesh Panel
H070042100
Page 149

PLASTIC DOOR HANDLES



Plastic Door Handle
for Panels
H080012100
Page 150



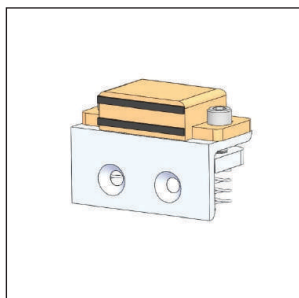
Plastic Door Handle for
Extrusion T-Slots
H080022100
Page 151

PLASTIC DOOR HINGE

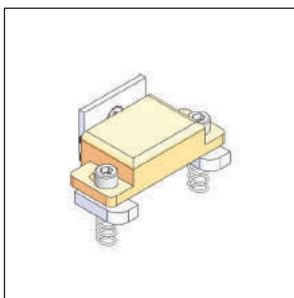


Hardware, plastic T-slot
Hinge w/t-bolts
H080120100
Page 152

MAGNETIC CATCH ASSEMBLIES

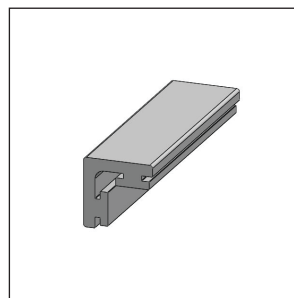


Magnetic Catch Assembly
H080091100
Page 153



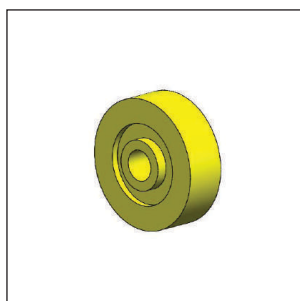
Magnetic Catch Assembly
for Tri-Slot Support Beam
H080101100
Page 154

CORNER EXTRUSION



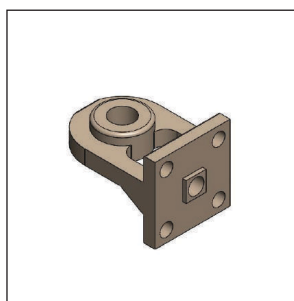
Corner Extrusion
E050202100
Page 155

COVERED ROLLER

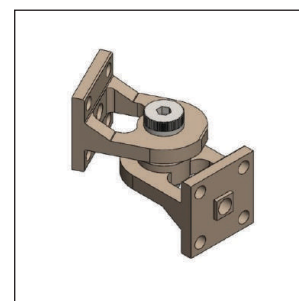


Covered Roller
H030192101
Page 155

1X1 END BRACKETS

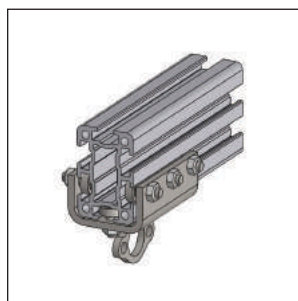


1 x 1 End Bracket
B070052100
Page 156

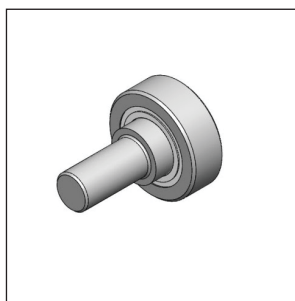


1 x 1 End Bracket Swivel
B070051100
Page 156

TOOL TROLLEY

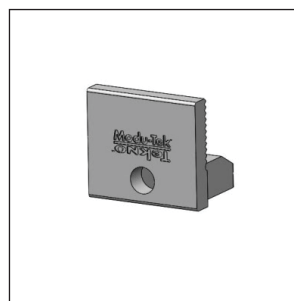


Tool Trolley Assembly
H130031101
Page 157

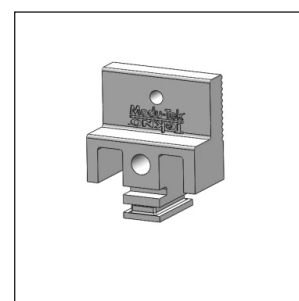


Cam Roller
H130021102
Page 157

PANEL CLAMP ASSEMBLY

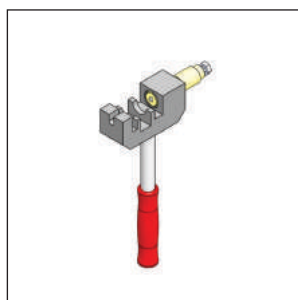


Panel Clamp Assembly
B049011100
Page 158

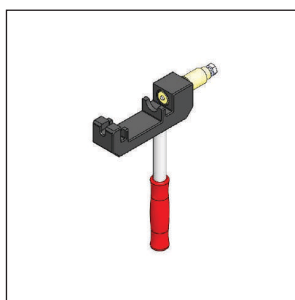


Panel Clamp Assembly
B049011100
Page 158

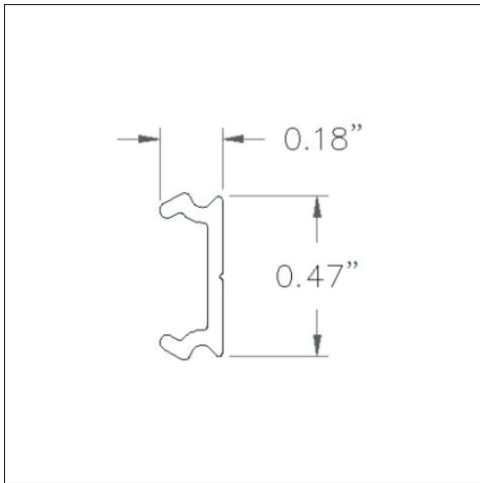
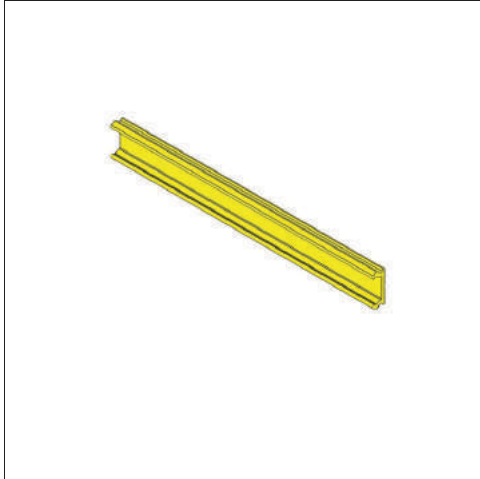
CHAIN BREAK TOOLS



Chain Break Tool, Narrow
T040011100
Page 159



Chain Break Tool, Wide
T040021100
Page 159



E050022100 T-Slot Cover, Safety Yellow

TYPICAL USE:

- To cover T-slots.
- To hold cables and piping in position.

FEATURES:

- Flexible snap-in profile.
- No hardware or special tools required to insert into beam extrusions.

MATERIAL:

- Rigid Polyvinyl Chloride Extrusion.

WEIGHT PER FOOT:

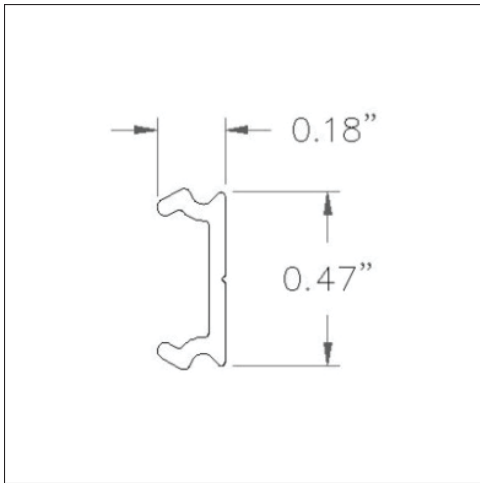
- 0.02 lb [0.01 kg]

STANDARD LENGTH AVAILABLE:

- 16.0 ft [4.9 m]

MAXIMUM LENGTH AVAILABLE:

- 16.0 ft [4.9 m]



E050032100 T-Slot Cover, Black

TYPICAL USE:

- To cover T-slots.
- To hold cables and piping in position.

FEATURES:

- Flexible snap-in profile.
- No hardware or special tools required to insert into beam extrusions.

MATERIAL:

- Rigid Polyvinyl Chloride Extrusion.

WEIGHT PER FOOT:

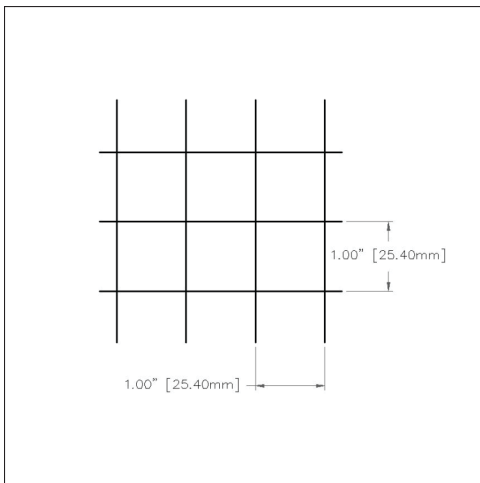
- 0.02 lb [0.01 kg]

STANDARD LENGTH AVAILABLE:

- 16.0 ft [4.9 m]

MAXIMUM LENGTH AVAILABLE:

- 16.0 ft [4.9 m]



H070042100

1" x 1" Black Plastic-Coated 12 Gauge Wire Mesh Panel

TYPICAL USE:

- For guarding enclosure applications with all Modu-Tek® extrusions.

FEATURES:

- 1.00" [25.40mm] Square openings.

WEIGHT PER SQUARE FOOT:

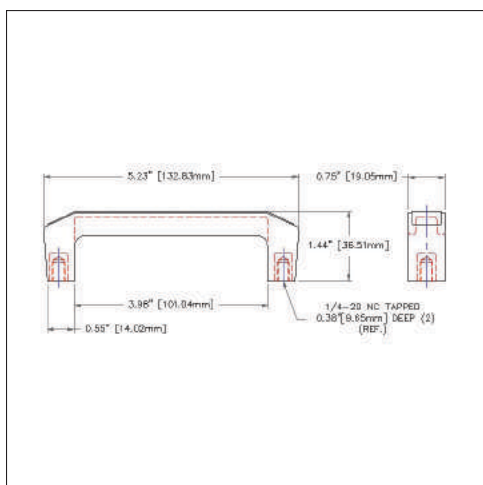
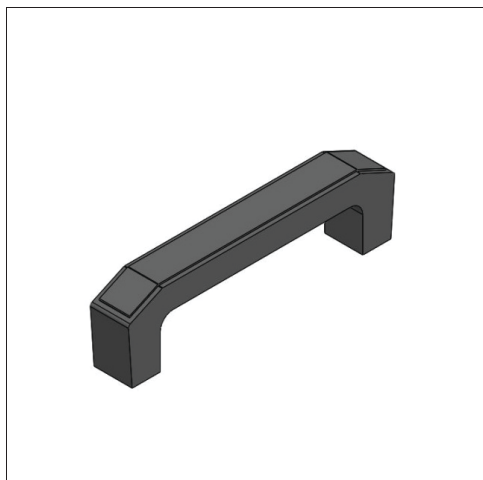
- 1.00 lb [0.45 kg]

STANDARD / MAXIMUM SIZE:

- 4.0 ft x 8.0 ft [1.2 m x 2.4 m] sheet

CUSTOM SIZES:

- Cut sizes smaller than standard are available.



H080012100 Plastic Door Handle for Panels

TYPICAL USE:

- To be mounted as a handle to sliding panels, doors, and access hatches.

FEATURES:

- Lightweight and sturdy.
- 1/4" - 20 inserts accept standard screws for attachment to surfaces.

MATERIAL:

- Polypropylene-Copolymer

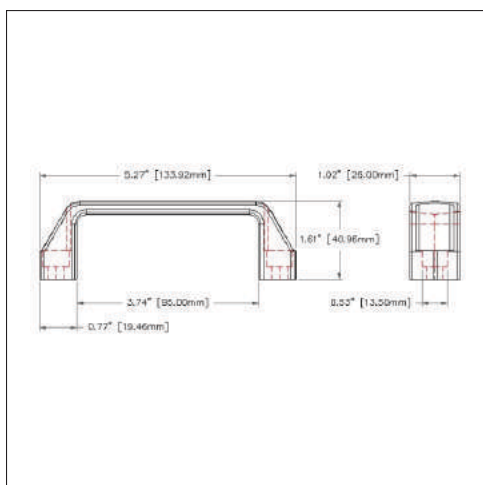
WEIGHT:

- 0.08 lb [0.03 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 1/2" Flat Head Cap Screws (25C50KFCS), 2 each.

Assembly Note: Panel holes must be drilled and countersunk to use handle with Flat Head Cap Screws.



H080022100 Plastic Door Handle for Extrusion T-Slots

TYPICAL USE:

- To be mounted as a handle to extrusion T-slots.

FEATURES:

- Lightweight and sturdy.
- 1/4" - 20 inserts accept standard screws for attachment to extrusions.

MATERIAL:

- Thermoplastic, Glass Fiber Reinforced

WEIGHT:

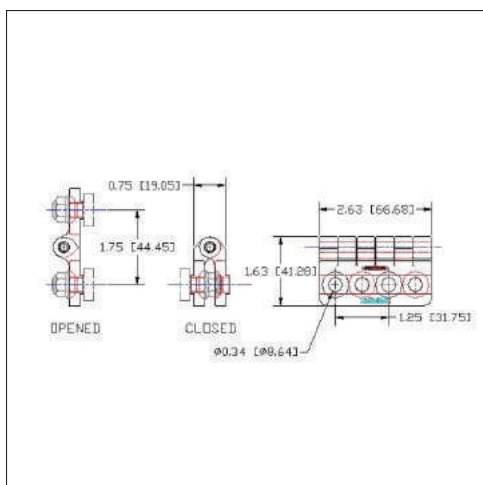
- 0.09 lb [0.04 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 5/8" Socket Head Cap Screws (25C62KCSS), 2 each.
- Double Square Nuts (H010072100), 2 each.
- 5/16" - 18 x 5/16" Socket Set Screws with Cup Points (31C31KKCS), 2 each.

Required in lieu of above listed 5/8" Socket Head Cap Screws (25C62KCSS) when mounting to the Tri-Slot Support Beam (H080022100):

- 1/4" - 20 x 1/2" Socket Head Cap Screws (25C50KCSS), 4 each.



H080120100 Hardware, Plastic T-Slot Hinge with T-Bolts

TYPICAL USE:

- Hinge for doors and swing-out or pivoting structures.

FEATURES:

- Mounts directly to extrusion T-slots.

MATERIALS:

- Leaves: Reinforced Polyamide.
- Hinge Pin: AISI 304 Stainless Steel.

WEIGHT:

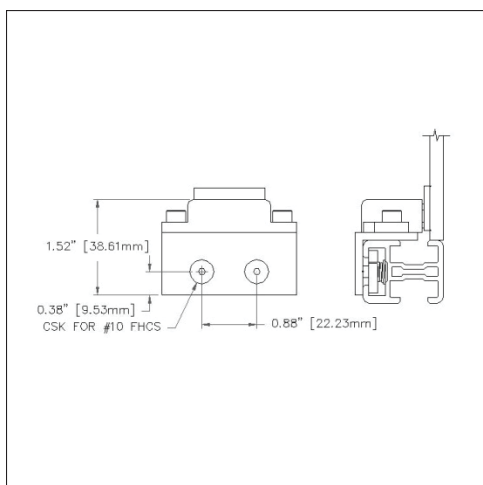
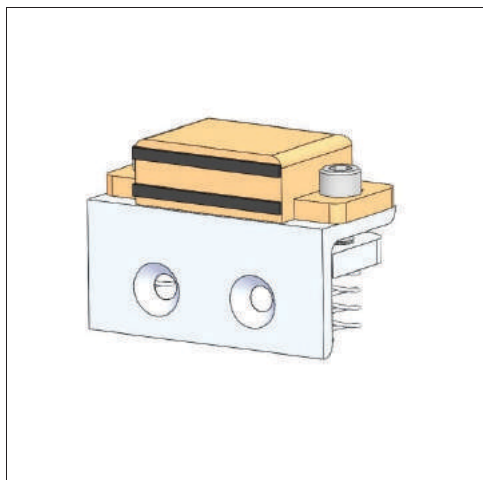
- 0.26 lb [0.12 kg]

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 1/2" Socket Head Cap Screws (25C50KCSS), 4 each.
- Double Square Nuts (H010072100), 4 each.
- 5/16" - 18 x 5/16" Socket Set Screws (31C31KKCS), 4 each.

Assembly Note: This door hinge provides a wider gap between extrusions than the lift off hinges (H080071100 and H080081100).

H080121100 T-Slot Hinge - No Hardware



H080091100 Magnetic Catch Assembly

TYPICAL USE:

- To latch panels in place.

FEATURES:

- Compact and rugged.
- Self-aligning magnets assure full contact and maximum holding power.
- Ten pounds of pull required to break contact between surfaces.

MATERIALS:

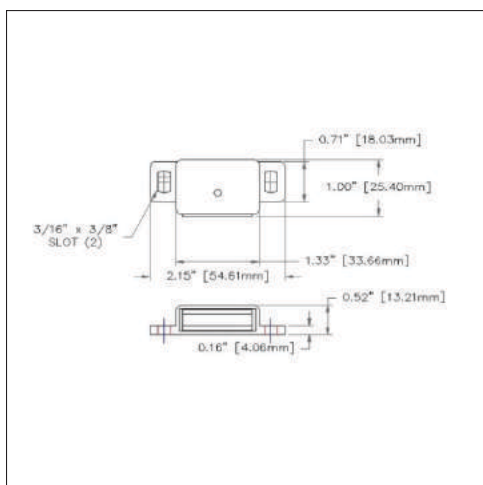
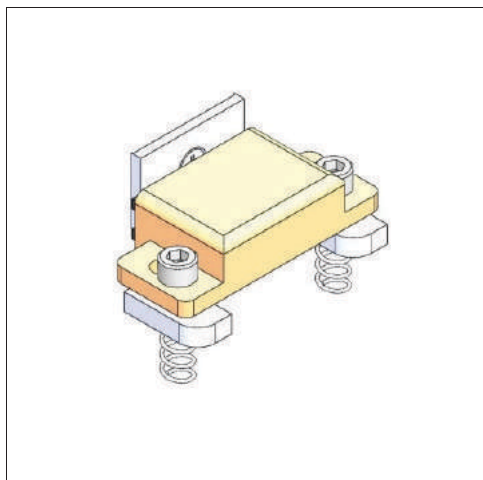
- Body: Plastic.
- Magnetic Poles & Striker Plate: Steel.

WEIGHT:

- 0.08 lb [0.04 kg]

HARDWARE INCLUDED WITH ASSEMBLY:

- Magnet and Striker Plate Set (H085072100), 1 each.
- 10 - 32 Spring Nuts (/G1532), 2 each.
- 10 - 32 x 1/2" Socket Head Cap Screws (10F50KCSS), 2 each.
- #6 x 1/4" Self-tapping Screw (6N25TXFZ), 1 each.



H080091100 Magnetic Catch Assembly

TYPICAL USE:

- To latch panels in place when the Tri-Slot Support Beam is used in a vertical position as shown in the "typical installation" illustration at left.

FEATURES:

- Compact and rugged.
- Self-aligning magnets assure full contact and maximum holding power.
- Ten pounds of pull required to break contact between surfaces.

MATERIALS:

- Body: Plastic.
- Magnetic Poles & Striker Plate: Steel.
- Mounting Plate: Aluminum.

WEIGHT:

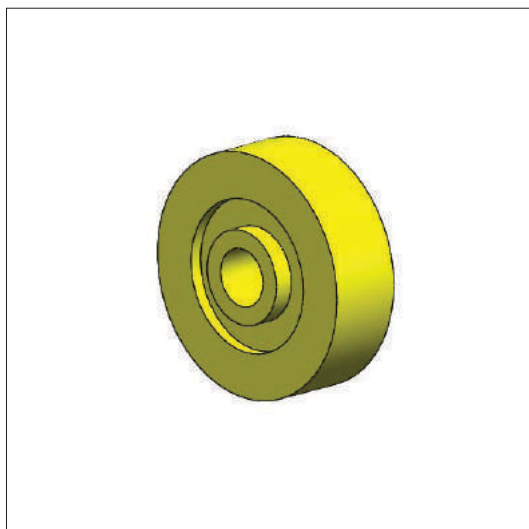
- 0.18 lb [0.08 kg]

HARDWARE INCLUDED WITH ASSEMBLY:

- Magnet and Striker Plate Set (H085072100), 1 each.
- 10 - 32 Spring Nuts (/G1532), 2 each.
- 10 - 32 x 1/2" Socket Head Cap Screws (10F50KCSS), 2 each.
- #6 x 1/4" Self-tapping Screw (6N25TXFZ), 1 each.
- 10 - 32 x 1/4" Socket Head Cap Screws (10F25KFCS), 2 each.
- Mounting Angle Bracket (B010082100), 1 each.

Note: The standard Magnetic Catch Assembly (H0800911) can be used with the Tri-Slot Support Beam if the catch is mounted on the long side of the beam.

H030192101 Covered Roller



TYPICAL USE

- Cover Roller used on the Assembly of a Pallet.

FEATURES:

- Expects 3/8 and 10mm Flat Head Screw.

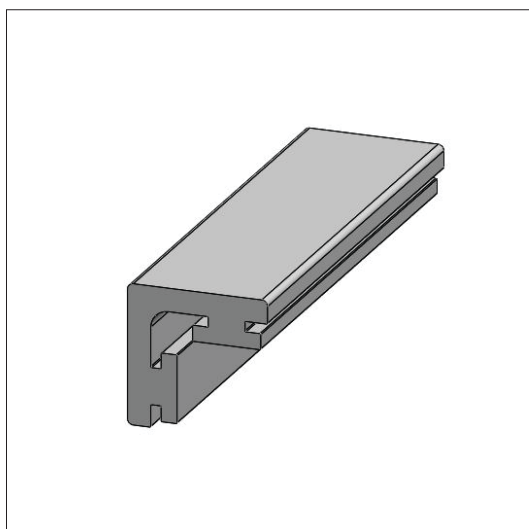
MATERIAL:

- Urethane, Sealed/Permanet Lubricated Sealed Ball Bearing.

HARDWARE RECOMMENDED FOR ASSEMBLY:

- M12 X 1.75 X 25mm Flat Head Cap Screw,
1 each.

E050202100 Corner Extrusion



TYPICAL USE:

- Slide surface, Guide rail.

FEATURES:

- Slide on corner of any support beam.

MATERIAL:

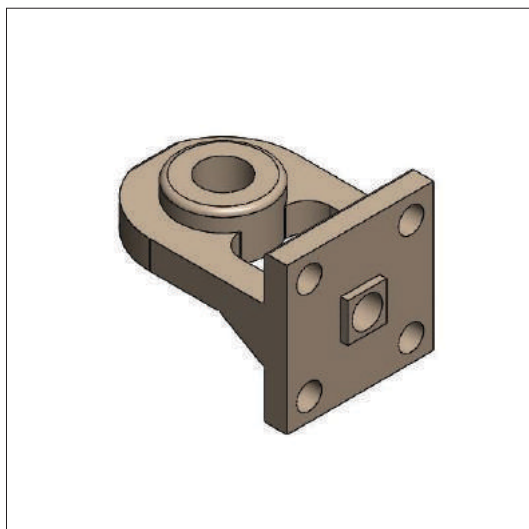
- High Density Polyethylene (UHMW).

STANDARD LENGTH:

- 120 Inches.

B070052100

1x1 End Bracket



FEATURES:

- Can attach to 1x1 Beam with self tapping torx screws.
- Can attach by using a 3/4" x 7/8 T-Bolt.
- Can be used as rollers by attaching a covered roller to it (H0301921).

MATERIAL:

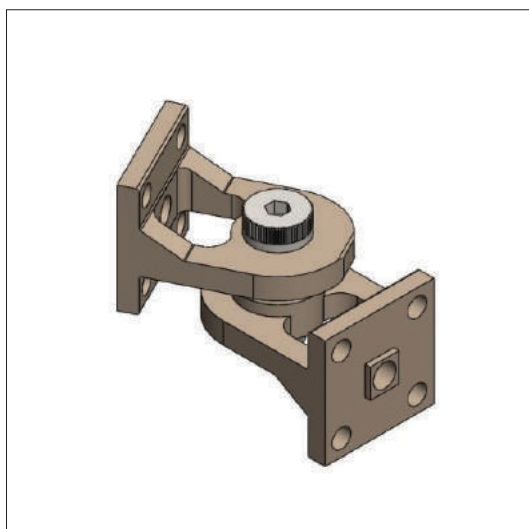
- Die Cast Zinc.

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 1 Torx Screw.
- 3/4" x 7/8 T-Bolt.
- 1/2"-13 x 7/8 Flat Head Cap Screw.

B070051100

1x1 End Bracket Swivel Assembly



FEATURES:

- Can attach to 1x1 Beam with self tapping torx screws.
- Can attach by using a 3/4" x 7/8 T-Bolt.

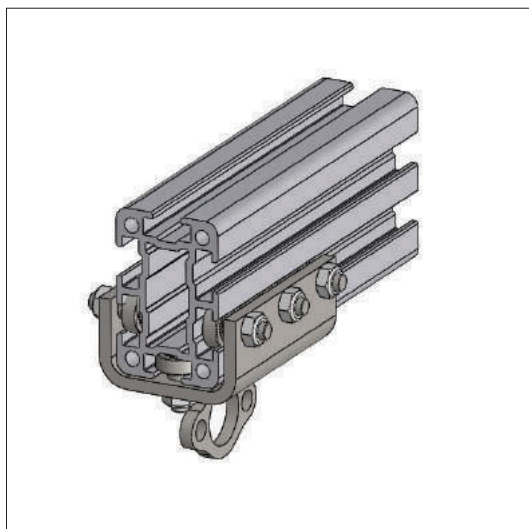
MATERIAL:

- Die Cast Zinc.

HARDWARE RECOMMENDED FOR ASSEMBLY:

- 1/4" - 20 x 1 Torx Screw.
- 3/4" x 7/8 T-Bolt.

H130031101 Tool Trolley Assembly



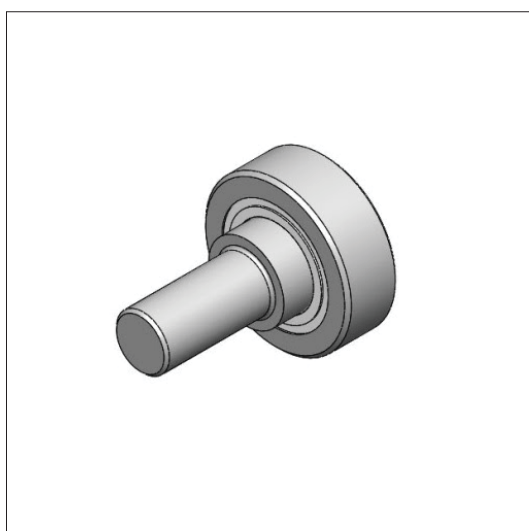
FEATURES:

- Mounting of tool balancers.
- Fixtures that need to move.

MATERIAL:

- Steel.

H130021102 Cam Roller

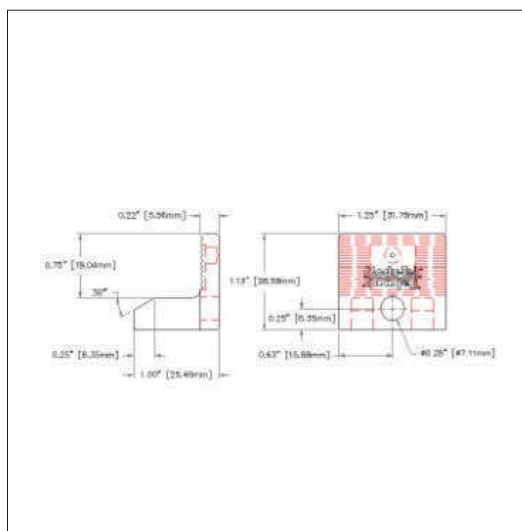
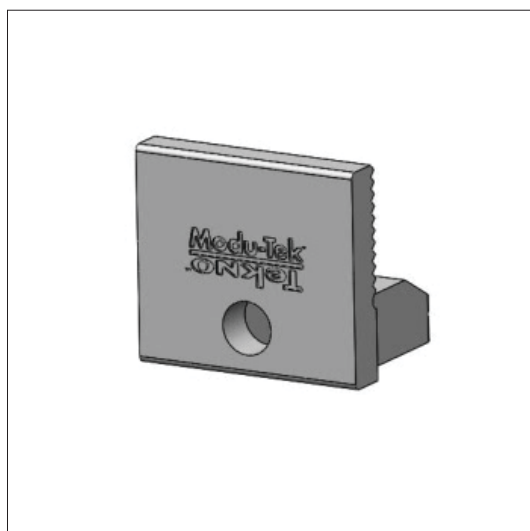


MATERIAL:

- Hardened Steel Sealed/Permanent Ball Bearing Lubrication.

B049011100

Panel Clamp Assembly

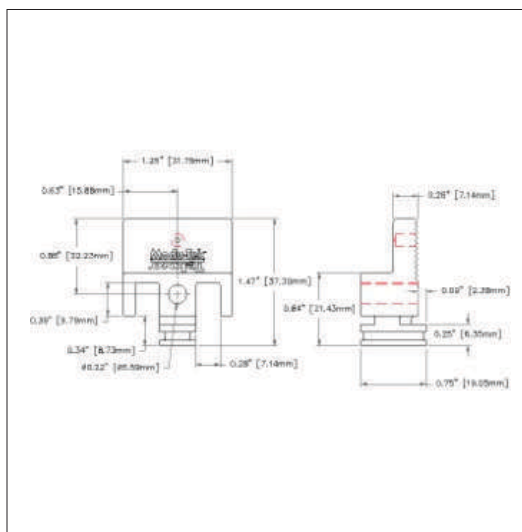
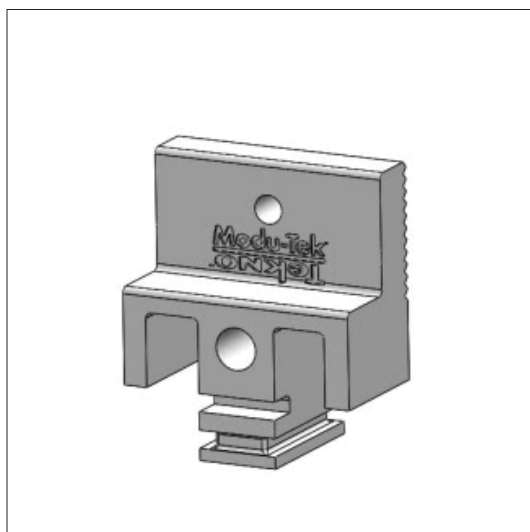


TYPICAL USE:

- To attach expanded metal panel to support beam extrusions in guarding enclosures.

RECOMMENDED HARDWARE:

- Pan Head Torx ¼"-20.



TYPICAL USE:

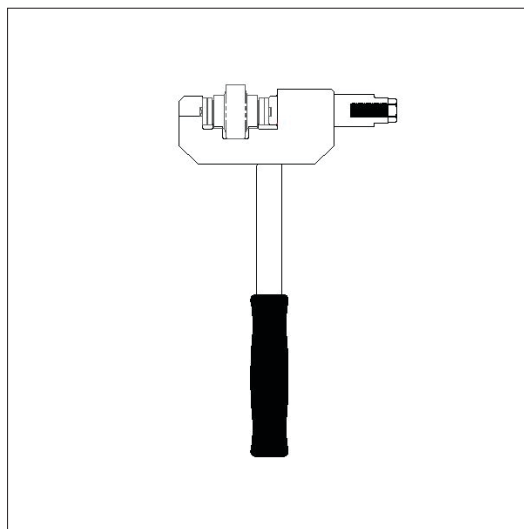
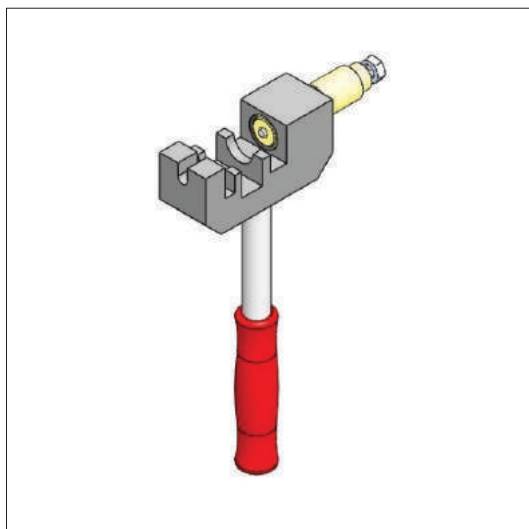
- To attach polycarbonate sheeting to support beam extrusions in guarding enclosures.

RECOMMENDED HARDWARE:

- Pan Head Torx ¼"-20.

T040011100

Chain Break Tool, Narrow



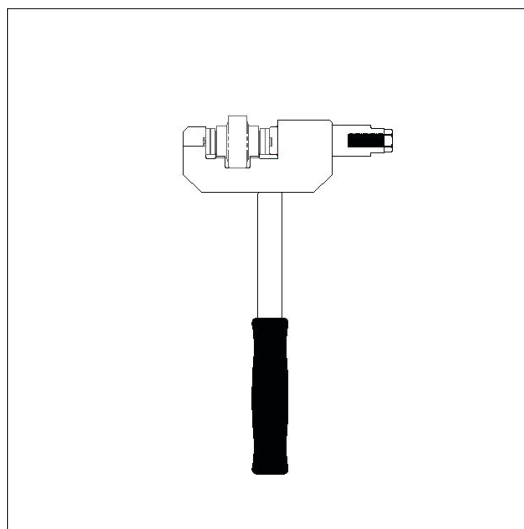
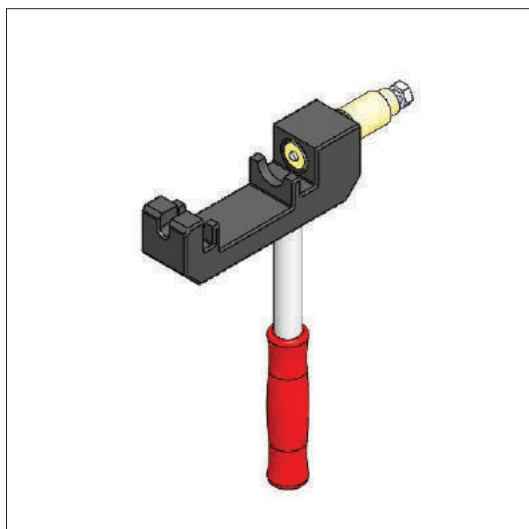
Chain break tool, 2060, narrow – Used to quickly and easily break Tekno's 2060 conveyor chain without causing damage to the rollers, conveyor or any other part of the conveyor.

Simply clamp the tool around the desired link and using a 9/16" wrench or socket drive the pin out to break the chain.

For a full detailed video of how to use this tool visit our website.

T040021100

Chain Break Tool, Wide



Chain break tool, 2060, wide – Used to quickly and easily break Tekno's 2060 conveyor chain without causing damage to the rollers, conveyor or any other part of the conveyor.

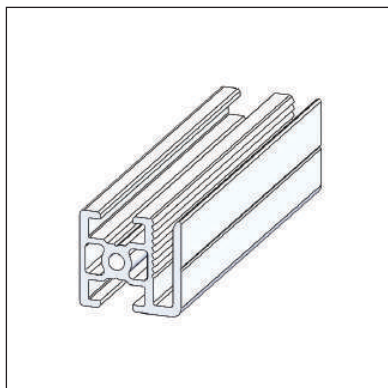
Simply clamp the tool around the desired link and using a 9/16" wrench or socket drive the pin out to break the chain.

For a full detailed video of how to use this tool visit our website.

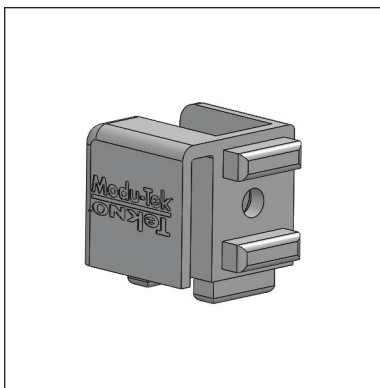


GUARDING SECTION

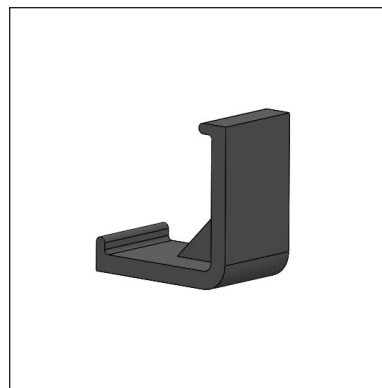




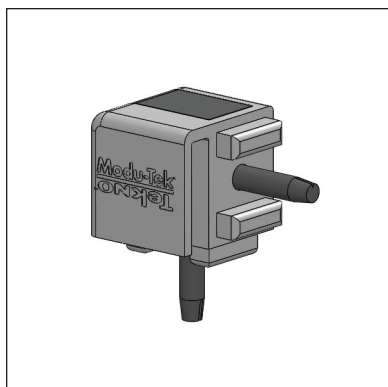
Extrusion, 1-Slot Guarding Frame
E010090100
Page 162



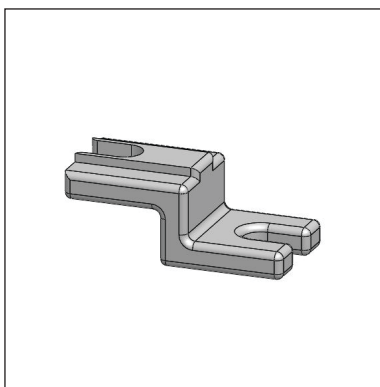
Hardware Guarding Corner Casting
H040092100
Page 163



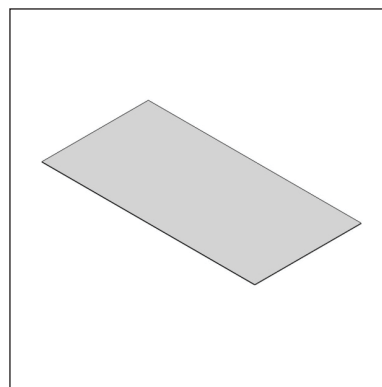
Hardware, Corner Casting Cap
H040102100
Page 164



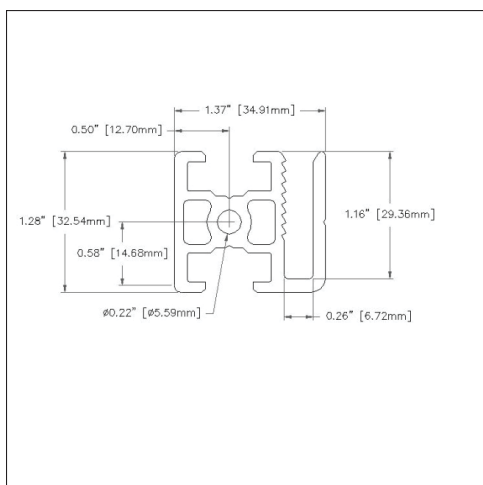
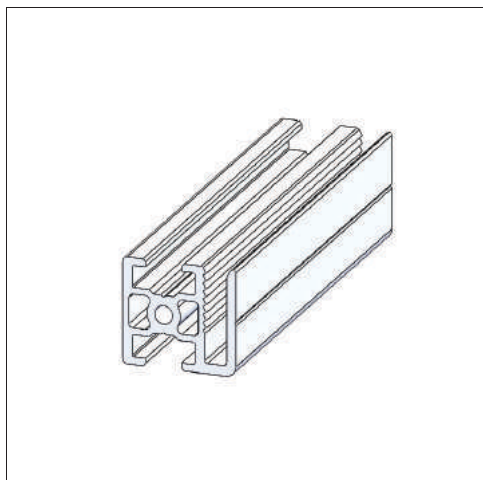
Guarding Corner Cap Assembly
H040091100
Page 165



Bracket, Guard Parallel
B045032100
166



Clear Polycarbonate Panel
H070012100
Page 167



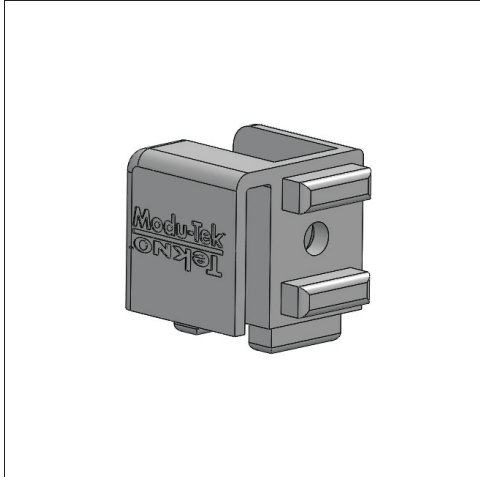
E010090100 Extrusion, 1-Slot Guarding Frame

TYPICAL USE:

- Extrusion, 1 slot guarding frame: Used to make rectangular guarding in various sizes.

FEATURES:

- Use in conjunction with Corner caps (H040092100) and Cover (H040102100) to cover the ends and retain your guards. Can be used with any $\frac{1}{4}"$ thick panels or sheets such as Polycarbonate (H070012100) or Wire mesh (H070042100). Use guarding mounting bracket (E0450032100) and Hinges (H080120100) to mount to any of Tekno's T-slotted extrusion.

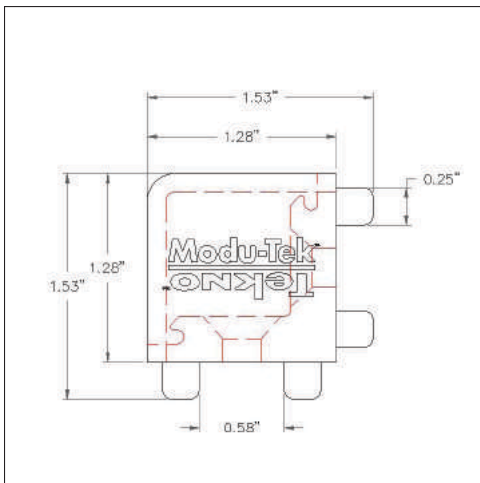


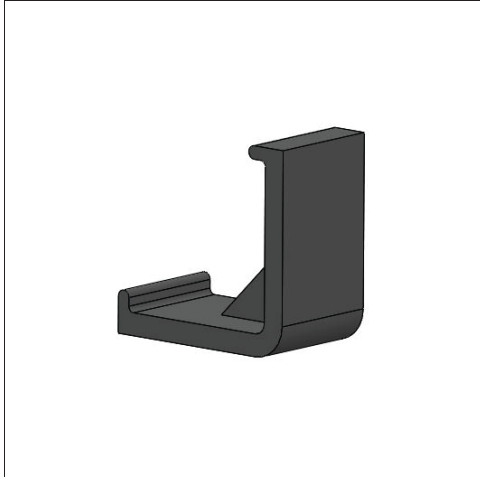
H040092100 Hardware Guarding Corner Casting

H040092100 – Hardware, Guarding corner casting:
Used to form a 90 deg. Angle on Tekno's 1 slot
guarding extrusion (E010090100).

Can be used to form rectangular panels in
conjunction with Guarding extrusion (E010090100)
and Corner Caps (H040102100).

Use a ¼"-20 Self tapping flat head (25C125TTF) to
attach straight to the extrusion and make panels in
minutes!

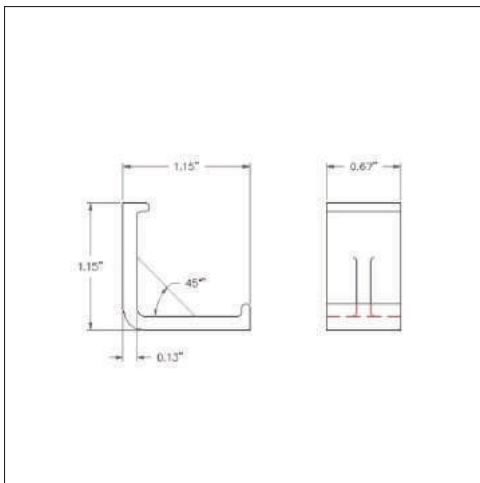


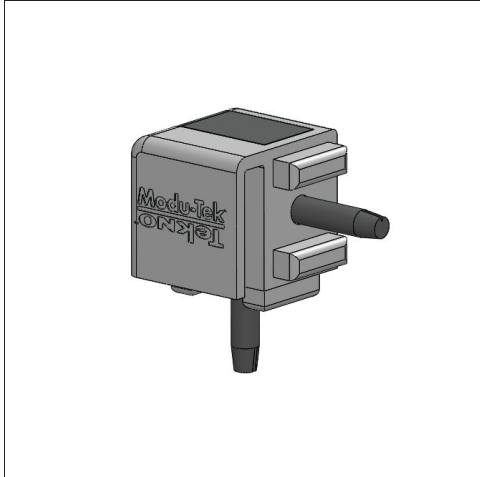


H040102100 Hardware, Corner Casting Cap

Hardware, Corner Casting cap: Plastic cap used to seal off screw access for guarding panels.

Snaps into the Guarding corner casting (H040092100) to cover screws and prevent unwanted access.

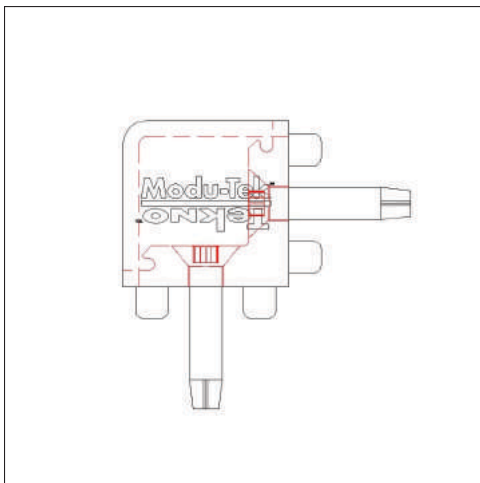


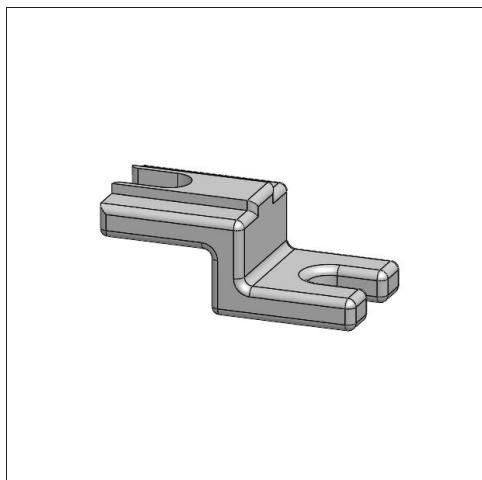


H040091100 Guarding Corner Cap Assembly

Hardware, Guarding corner casting assembly: This kit includes everything you need for the corner casting bracket cap.

It includes 1/ea of the following parts H040092100 (Guarding corner casting), H040102100 (Guarding corner casting cap) & 25C125TTF (1/4"-20 x 1 1/4" lg. Self tapping flat head screw).



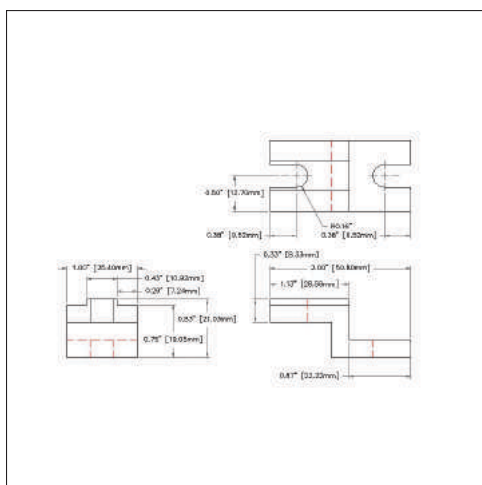


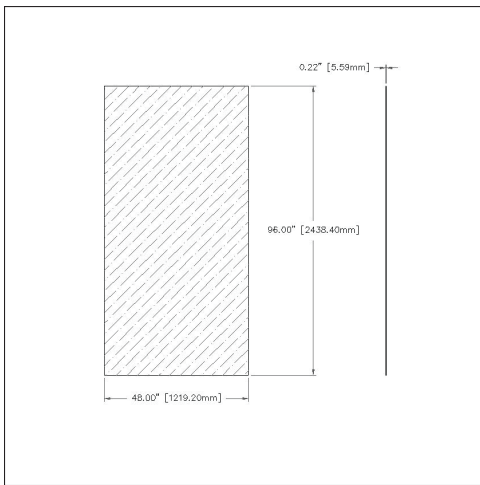
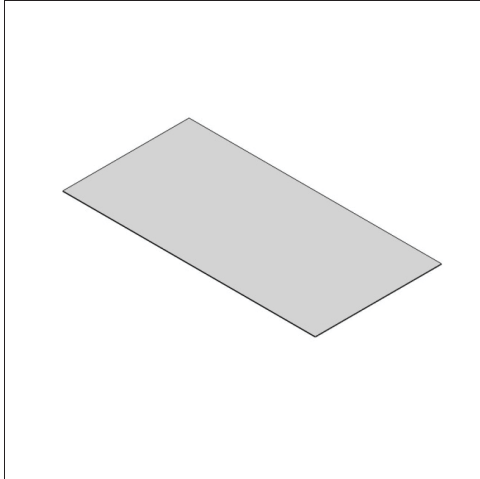
B045032100 Bracket, Guard Parallel

Bracket, Guard, parallel: Used to mount two of Tekno's T-slotted extrusions side by side without having any parts sticking out from the sides.

Typically used for mounting guarding panels between extrusion uprights or machine frames.

Use two $\frac{3}{4}$ " T-bolt assemblies to mount to any extrusion.





H070012100 Clear Polycarbonate Panel

TYPICAL USE:

- For guarding enclosure applications with all Modu-Tek® extrusions.

FEATURES:

- High Impact strength and durability, 0.22in [5.59mm] thick.

WEIGHT PER SQUARE FOOT:

- 1.50 lb [0.7 kg]

STANDARD / MAXIMUM SIZE:

- 4.0 ft x 8.0 ft [1.2 m x 2.4 m] sheet

CUSTOM SIZES:

- Cut sizes smaller than standard are available.



ADDITIONAL PRODUCTS & SERVICES



SYSTEMS INTEGRATION

Tekno provides systems integration services to clients for projects large and small. With over 25 years of experience in mainstream industry, both domestically and internationally, we have the proven know-how, expertise, and product familiarity to make your automated production systems a success. With internal design, assembly, machining, control panel configuration, and programming capabilities, Tekno offers a breadth and depth of services worthy of the world's finest manufacturing facilities.



Use Tekno's own Non-synchronous Conveyor System for Palletized Product Assembly & Conveyance.

TEKNO CONVEYOR SYSTEMS

Tekno is an Original Equipment Designer and Manufacturer of a world class line of modular conveyor components. Tekno conveyors can handle a wide variety of product and carrier types, loads, sizes, and conveyance speeds. Tekno conveyors are extremely flexible in application, and they're re-configurable when production requirements change. Thousands of automated conveyance, assembly, and processing systems built from the well-established product lines have been fielded across North America and beyond.



Tekno Offers Turn-Key Manufacturing & Material Handling Systems Integration Services.

STAIR TREAD AND WALKOVERS

Tekno's product line also allows you to design and build completely modular stair treads and walkovers for your application. Built of the highest quality extruded anodized aluminum, these structures provide lightweight, yet ultra sturdy platforms and staircases. Our tread plate material is designed with a premium on safety; our tread plates provide raised traction features. We also offer vented tread plate that allows dirt and other debris which accumulates to fall freely through the plate, virtually eliminating the risk of slippage. As is the case with any Tekno product, these structures possess incredible versatility and are easily configured/reconfigured for any Application.

Call us today for further information on our Walkovers and Stair Treads!

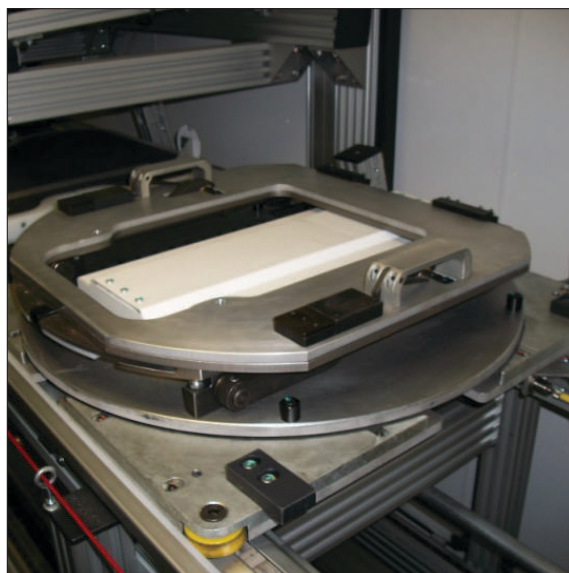
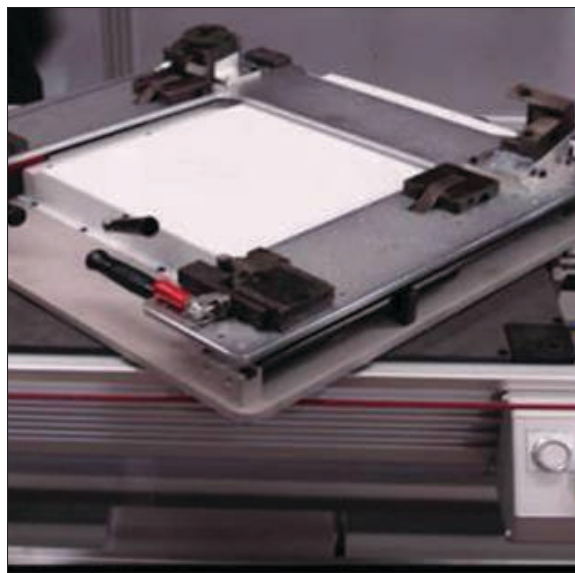


CUSTOM PRODUCT PALLETS

Tekno can design and build product carriers of almost any size, shape, and composition, to very close tolerances.

Tekno's in-house fabrication, machining and assembly capability can provide special fixtures, pallet electrification equipment, multiple-model corner and product support blocks, pallet-to-station locking methods, status flag, in-line product burn-in and testing features, corner rollers, UHMW-PE glide edging, stopper cutouts, and raised aluminum pedestals, Send your custom applications our way.\

Check Out Tekno's Own Internal Custom Pallet Design, Fabrication, and Build Capabilities below:



SPECIAL MACHINERY:

TEKNO'S SKILLED ENGINEERS & TECHNICIANS CAN DESIGN, FABRICATE, BUILD, AND INSTALL EQUIPMENT TO MEET YOUR NEEDS

- Tekno's engineering, machining, fabrication, assembly, and documentation departments provide a wealth of capabilities in the creation and application of custom machinery.
- With specialists in conveyance, part fixturing, material flow, heat treatment, furnaces and ovens, vertical product lifts, brazing technology, manufacturing processes, in-line gauging, product inspection and testing, automation programming and robotic applications.
- Tekno can handle many types of special equipment projects.
- Special machinery is pre-built in our facility, then tested, de-bugged, and run off for the customer prior to shipment and installation of the equipment. To help your operators and maintenance technicians better understand and care for your new machinery.
- Tekno also offers various levels of custom documentation and training packages.

