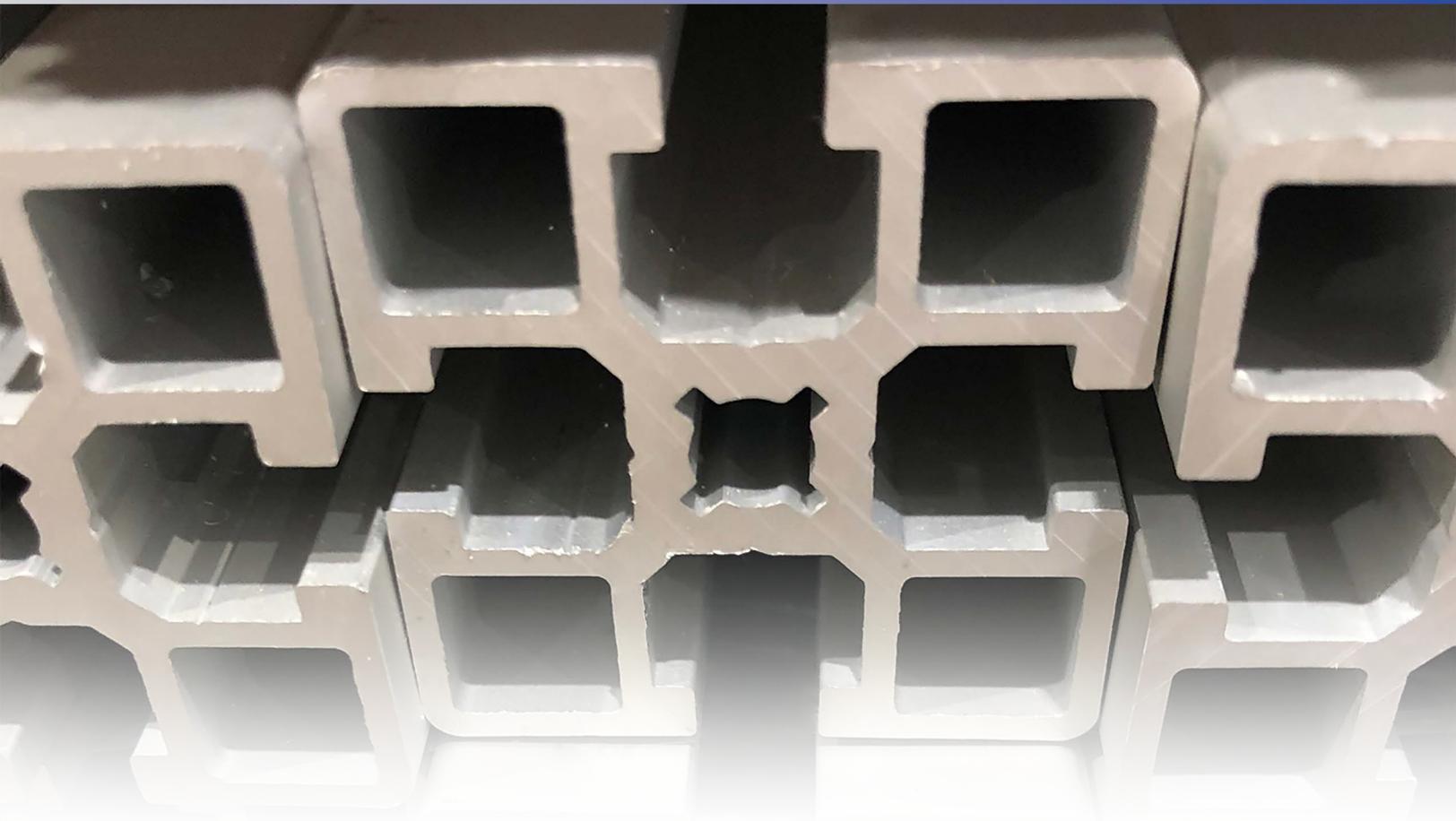


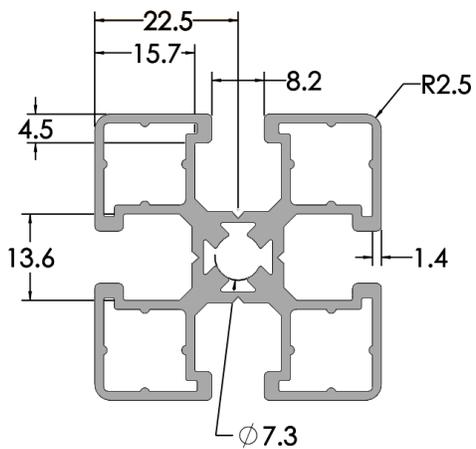


## **Perimeter Guard Systems**



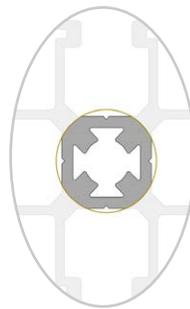
## A Notch Above the Rest

Many of our profiles come standard with centerline tap guide notches, self tapping ends and common T-Slot size for easy fabrication & installation.



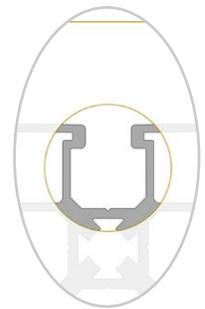
**Centerline Tap Guide Notch**

Makes Fabrication Easier and More Precise



**Self Tapping Ends for M8 Thread**

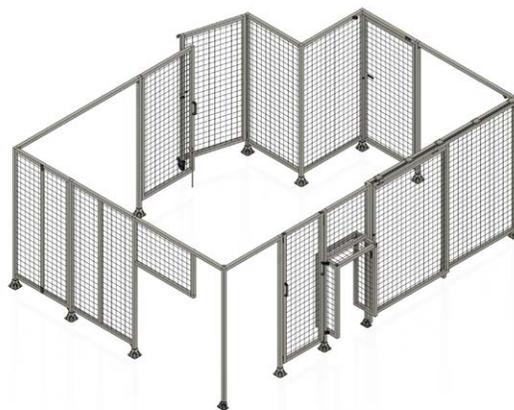
No Milling, No Drilling, No Tapping



**Standardized T-Slot Size In All Profiles**

Easier to Find & Use Connections

1	The MGS Advantage
2	Different Ways to Order
3	Build to Print/Engineered Solutions
4	Modular Wall Sections
5-6	How to Order Type A - Single Panels
7-8	How to Order Type B - Double Panels
9-10	How to Order Type C - Double Wall Corners
11-12	How to Order Type D - Dog Houses
13-14	How to Order Type E - Removable Panels
15-16	How to Order Type F - Wings
17-18	How to Order Type G - Swing Doors
19-20	How to Order Type H - Sliding Doors
13	How to Order Type J - Double Swing Doors
14	How to Order Type K - Post
15	How to Order Type L - Bar
24-26	Hardware
27-29	Accessories
30	How to assemble: Speedlock-Hidden Fastener, Retaining Insert, Insert Profile & Support Foot
31	Online Configurator
32-33	Self Assembly & Installation Options
34	Example Layout



**The MGS Advantage**  
**Easy - Fast - Affordable - Local -Standardized**



**Speed**

- Quick Guard Solution – Free 3D models, quick part number generation, and extremely fast quotes
- 5 day turn on all standard assemblies ( out of the how to order guide)
- Local business, locally sourced, and locally built – for quick turnaround on all jobs
- Industry Standard Guarding
- 45mm Square Posts, with Yellow Signal Insert
- 1" x 1" – 12 awg welded wire mesh with a PVC coating
- Hidden Fasteners to prevent tampering

**Affordable**

- Dedicated and focused just on Guarding reduces our overall expense, vs. offering 100's of different extrusions
- Standardized product, configurations, and quick design tools, allow for MGS to be one of the most competitively priced vendors in the market
- Domestically sourced material have also greatly reduced or expensive associated with shipping and importing foreign products

**Quality**

- Precision Cutting- our state-of-the art- high precision elumatic saw (calibrated monthly to 1/10mm) cuts profiles to length
- Our extrusions exceeds The Aluminum Association Standard tolerances for all profiles
- All profile are made with 6063-T6 aluminum and has a clear anodized surface finish

**Local**

- Aluminum Extrusion is made in the USA
- Local Inventory for quick turn around
- On-site Installation is available
- We strive to source as much of the material domestically as possible.
- Our design engineers are highly skilled to assist in your design requirements

**Service**

- Dedicated customer service agents that can assist you in your part number development
- Outside Sales staff for on-sight visits and demonstrations
- Engineering and designers on staff to handle your unique applications
- Samples and demo's are available upon request.



### Complete Assemblies

Most of our customers utilize our talented sales team and innovative engineers to help take your ideas and produce a finished product in the shortest time.

These complete solutions range from basic guards to complex automation systems. Complete solutions are designed and built and shipped direct to your door.

### Kits

Want to assemble the product yourself? Our sales team and engineers will help as with Complete solutions but to let your tradesmen do the final assembly we will furnish a KIT with all parts and assembly drawings. Kits can be more easily shipped than Complete Assemblies.



### Bulk Purchases

All parts inclusive of Profile - Fasteners - Hinges - Wheels - Feet - etc. Can be ordered as individual parts for your total control of cutting to length-machining and assembly.

Purchasing parts can be the least costly approach if you are equipped for design, machining and assembly.

Our large inventory will allow us to ship just what you need.

**Build to Print / Engineered Solutions:**

Send us a Cad / Step / PDF of you design and our engineers and sales staff will support you with your needs.

Step 1 – Customer supplied drawing and consultation with a sales engineer

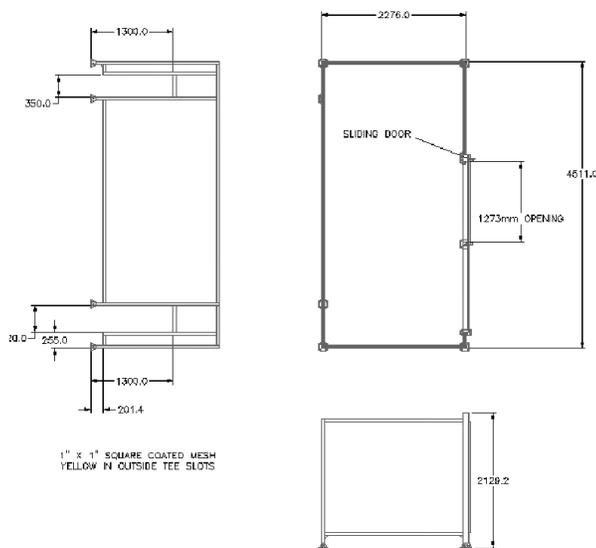
Step 2 – We will provide you quote and 3D drawing

Step 3 – After order is placed we will provide 3D Model for design approval.

Step 4 – With shipment we will provide an assembly print for your install team.

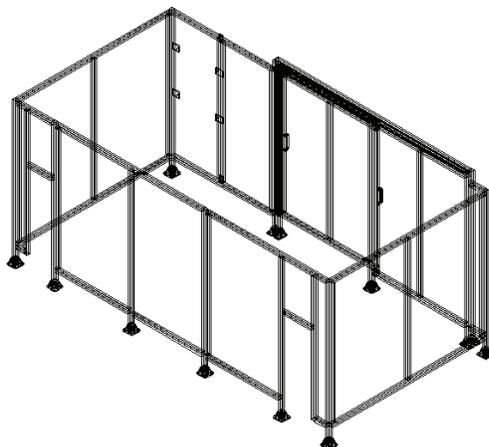
**Step 1**

**Customer Supplies Drawings**



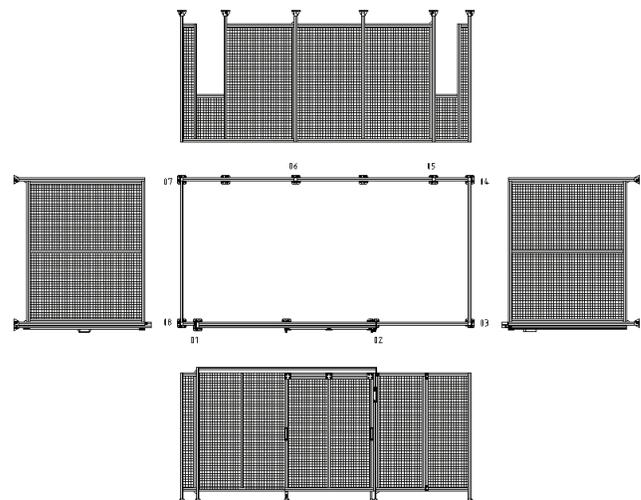
**Step 2**

**We Provide 3D Models for Approval**

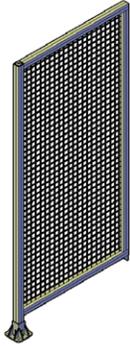


**Step 3**

**We make assembly models for installation**

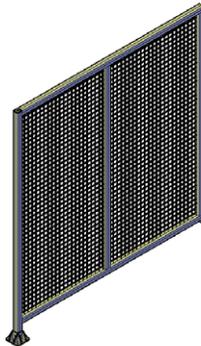


**Single Panels-A**



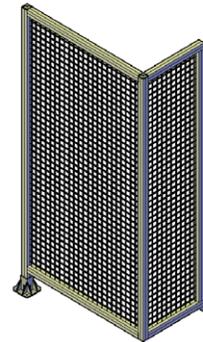
Page 12-13

**Double Panels-B**



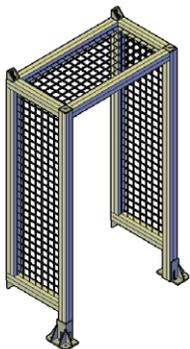
Page 14-15

**Double Wall Corners-C**



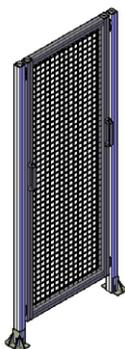
Page 16-17

**Dog Houses-D**



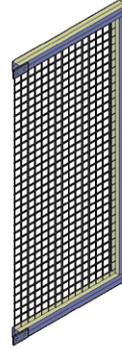
Page 18-19

**Removable Panels-E**



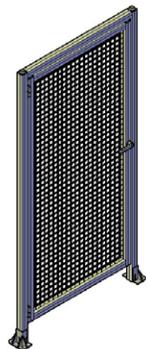
Page 20-21

**Wings-F**



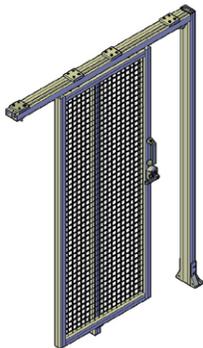
Page 22-23

**Swing Doors-G**



Page 24-25

**Sliding Doors-H**



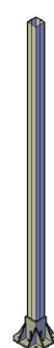
Page 26-27

**Double Swing Doors-J**



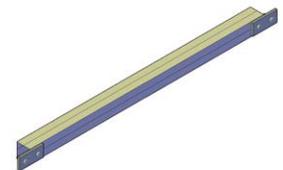
Page 28-29

**Post-K**



Page 30

**Bar-L**



Page 31

**A1 - 2200 - 1000 - 0150 - T Y M F A**

Type      Height      Width      Sweep      Connection      Insert      Panel      Foot      Assembly



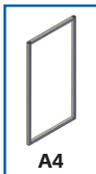
Single Wall Type (Type)
A1 - Leg on Left
A2 - Leg on Right
A3 - Leg on Both Sides
A4 - No Legs
(Ref View from Outside Cell)



Height
Height of Guard (mm)
Measured from Bottom of Foot to Top of the Guard
Max Panel Height - Sweep = 2400 mm



Width
Width of guard (mm)
Max Length is 1200 mm
Measure from Outside Edge to Outside Edge



Sweep
Sweep of Guard (mm)
Measured from Bottom of Foot to Bottom of the Guard
Height - Sweep = Panel Height

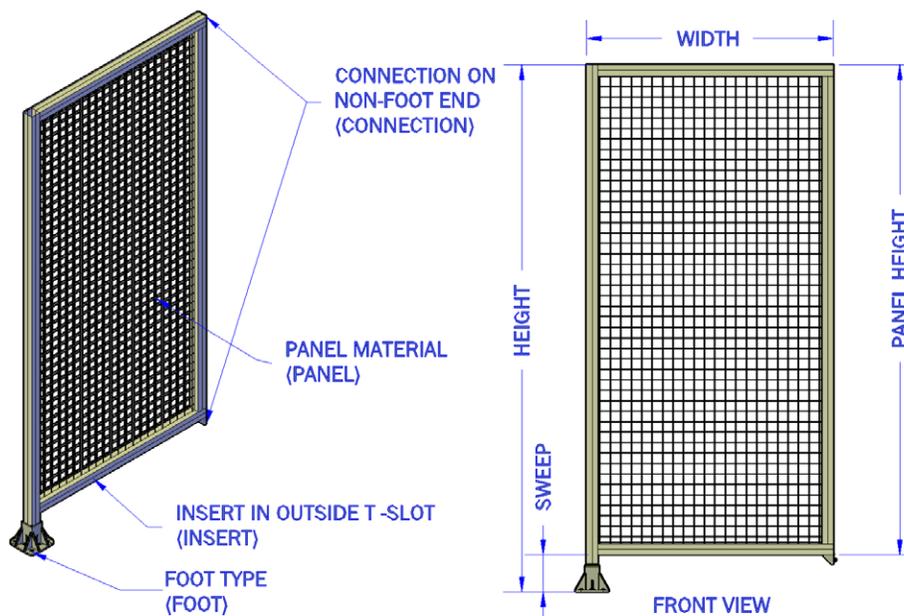
Connection Non-Foot End (Connection)
T - Tie Plates Top, Angle at Bottom
(Tie plate Good for Straight Connection)
P - Tie Plates Top and Bottom
(Good for Adding a Panel to a Fence section)
A - 45 Degree Angle on Top and Bottom
(Angle Good for 90 Degree Wall Connection's)
H - Hinge
(Hinge Good for Odd Angle Connection)
Z - No Connection (Standard on A3)

Insert
Y - Yellow Insert
O - Orange Insert
Z - None
Powder Coated Extrusion Available on Request

Panel Material (Panel)
M - 1"x1" Mesh
U - Blue -1/4" PVC Board
G - Grey -1/4" PVC Board
B - Black -1/4" PVC Board
W - White -1/4" PVC Board
P - 1/4" Polycarbonate
L - Aluminum Composite Paneling
C - 0.090 Aluminum Panel - Not Coated
R - No Panel with Retainer Insert
N - No Mesh with Retainer Insert
Z - No Panel

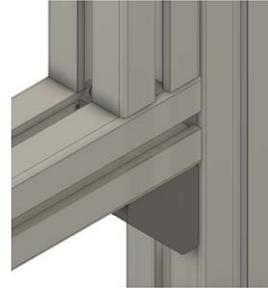
Foot Type (Foot)
F - 4 Sided Foot (Min Sweep >150mm)
T - 3 Sided Foot (Can be Adjusted at install)
P - 2" Pad and Angle Bar
A - Single Small Angle (45 x 90)
Z - No Foot

Assembled or Kit (Assembly)
A - Assembled (Factory Assembles)
K - Kit (Customer Assembles)



#### Connection Options

- Tie Plate: 45mm x 90mm Plate for Connecting Two Pieces of 45mm Wide Profile Together.
- Angle 45: 90 Degree Angle 45mm Wide x 45mm Deep – Angle Bracket Used for Connecting Two Pieces of 45mm Wide Profile Together.
- Hinge 45: Externally Mounted Hinge for Connecting Two Wall Panels Together for 45mm Wide Profile
- No Connection: No Connections on the Non-Foot End.



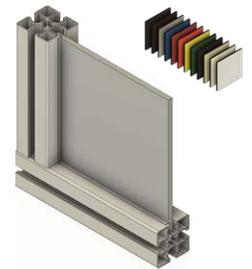
**Connection**  
(T, P- Tie Plate)

**Connection**  
(A- 45 Degree Angle)

**Connection**  
(H- Hinge)

#### Insert Options

- Yellow Insert: Yellow Plastic Cover Will be Inserted in the Outside T-Slot to Keep T-slot Clear of Debris and Indicate Safety Fence Zone for Many Customers Standards. Goes in the Outside Face of the Fence's T-Slot.
- Orange Insert: Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the Outside Face of the Fence's T-Slot.



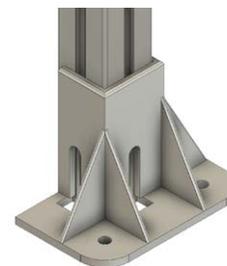
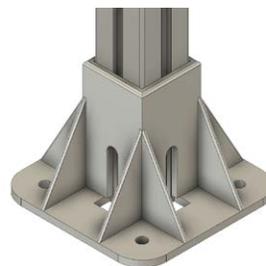
**Panel**  
(M - Mesh)

**Panel**  
(P - Polycarbonate)

**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)

#### Panel Material

- 1" x 1" Mesh: 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- ¼" Polycarbonate: ¼" Clear Paneling Made of Polycarbonate Material
- PVC Board: PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- Aluminum Panel: Solid 0.09" Non-Anodized Aluminum Paneling
- Aluminum Composite Paneling: Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- Retainer Insert: This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.



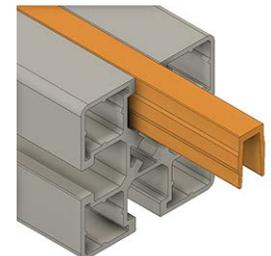
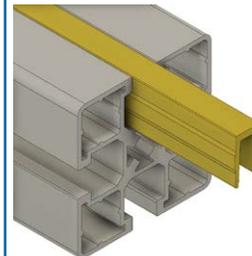
**Foot**  
(F - Four Sided Foot)

**Foot**  
(T - Three Sided Foot)

**Foot**  
(P - 2" Pad and angle Bar)

#### Foot Types

- 4-Sides Foot: Standard Foot with Pad and Anchor Points on all Four Side of the Post Where it Touches the Ground. 9mm Diameter Mounting Holes.
- 3-Sided Foot: Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- 2" Pad and Angle Bar: Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- Single Small Angle: 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- No Foot: Aluminum Profile go to the Floor – No Support or Anchor Point.



**Foot**  
(A - Single Small Angle (45 x 90))

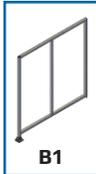
**Insert**  
Colors: Y-Yellow, O-Orange, N-None

#### Assembled or Kit

- Assembled: We Build the Fence Sections to the Print
- Kit: Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

**B1 - 2200 - 2200 - 0150 - T Y M F A**

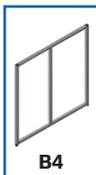
Type Height Width Sweep Connection Insert Panel Foot Assembly



Double Wall Type (Type)
<b>B1</b> - Single Leg on Left
<b>B2</b> - Single Leg on Right
<b>B3</b> - Legs on Both Side
<b>B4</b> - No Legs
<b>B5</b> - Leg on Left and in Center
<b>B6</b> - Leg on Right and in Center
<b>B7</b> - 1 Leg in Center
<b>B8</b> - 3 Legs



Height
<b>Height of Guard (mm)</b>
Measured from Bottom of Foot to Top of the Guard
<b>Max Panel Height - Sweep = 2400 mm</b>



Width
<b>Width of Guard in mm</b>
<b>Max Width is 2400 mm</b>
Measure from Outside Edge to Outside Edge



Sweep
<b>Distance from Floor to Bottom of Guard in mm</b>
Measured from Bottom of Foot to the Bottom of the Guard
<b>Height - Sweep = Panel Height</b>



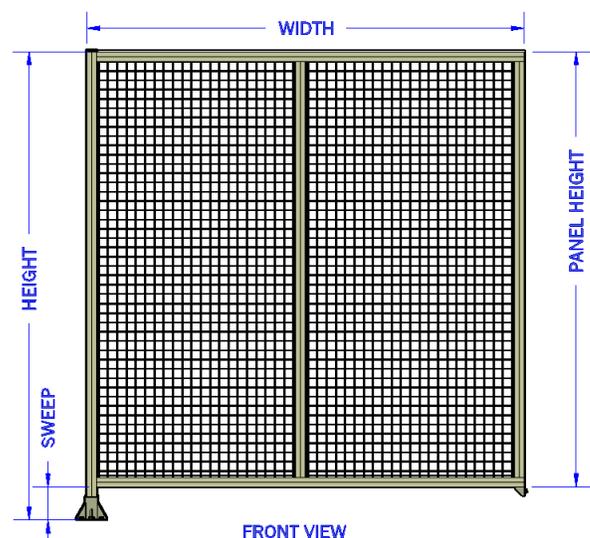
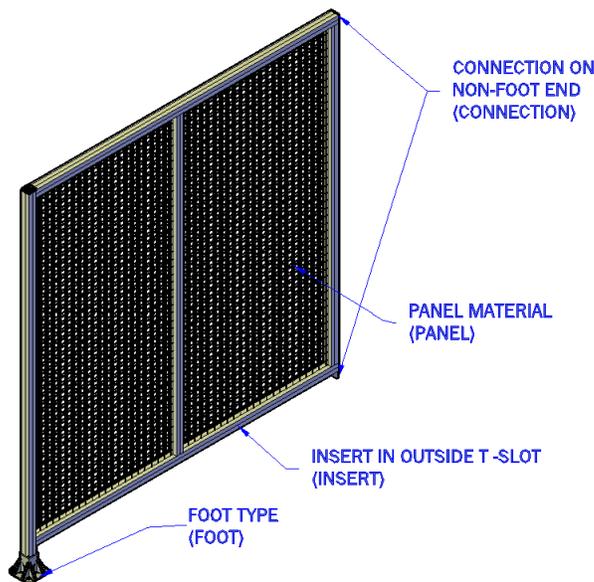
Connection Non-Foot End (Connection)
<b>T</b> - Tie Plates Top, Angle at Bottom
(Tie plate Good for Straight Connection)
<b>P</b> - Tie Plates Top and Bottom
(Good for Adding a Panel to a Fence section)
<b>A</b> - 45 Degree Angle on Top and Bottom
(Angle Good for 90 Degree Wall Connection's)
<b>H</b> - Hinge
(Hinge Good for Odd Angle Connection)
<b>Z</b> - No Connection (Standard on A3)

Insert
<b>Y</b> - Yellow Insert
<b>O</b> - Orange Insert
<b>Z</b> - None
Powder Coated Extrusion Available on Request

Panel Material (Panel)
<b>M</b> - 1"x1" Mesh
<b>U</b> - Blue -1/4" PVC Board
<b>G</b> - Grey -1/4" PVC Board
<b>B</b> - Black -1/4" PVC Board
<b>W</b> - White -1/4" PVC Board
<b>P</b> - 1/4" Polycarbonate
<b>L</b> - Aluminum Composite Paneling
<b>C</b> - 0.090 Aluminum Panel - Not Coated
<b>R</b> - No Panel with Retainer Insert
<b>N</b> - No Mesh with Retainer Insert
<b>Z</b> - No Panel

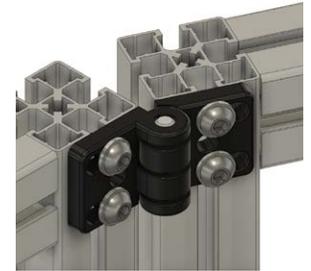
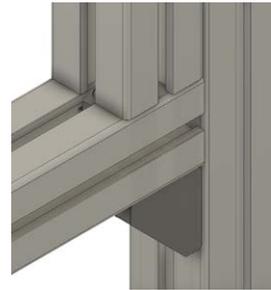
Foot Type (Foot)
<b>F</b> - 4 Sided Foot (Min Sweep >150mm)
<b>T</b> - 3 Sided Foot (Can be Adjusted at install)
<b>P</b> - 2" Pad and Angle Bar
<b>A</b> - Single Small Angle (45 x 90)
<b>Z</b> - No Foot

Assembled or Kit (Assembly)
<b>A</b> - Assembled (Factory Assembles)
<b>K</b> - Kit (Customer Assembles)



#### Connection Options

- Tie Plate: 45mm x 90mm Plate for Connecting Two Pieces of 45mm Wide Profile Together.
- Angle 45: 90 Degree Angle 45mm Wide x 45mm Deep – Angle Bracket Used for Connecting Two Pieces of 45mm Wide Profile Together.
- Hinge 45: Externally Mounted Hinge for Connecting Two Wall Panels Together for 45mm Wide Profile
- No Connection: No Connections on the Non-Foot End.



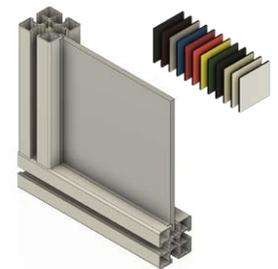
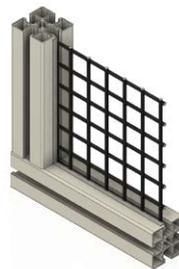
**Connection**  
(T,P - Tie Plate)

**Connection**  
(A - 45 Degree Angle)

**Connection**  
(H - Hinge)

#### Insert Options

- Yellow Insert: Yellow Plastic Cover Will be Inserted in the Outside T-Slot to Keep T-slot Clear of Debris and Indicate Safety Fence Zone for Many Customers Standards. Goes in the Outside Face of the Fence's T-Slot.
- Orange Insert: Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the Outside Face of the Fence's T-Slot.



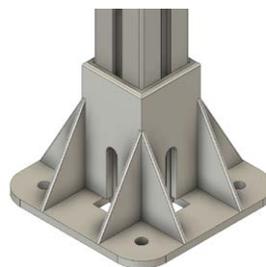
**Panel**  
(M - Mesh)

**Panel**  
(P - Polycarbonate)

**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)

#### Panel Material

- 1" x 1" Mesh: 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- ¼" Polycarbonate: ¼" Clear Paneling Made of Polycarbonate Material
- PVC Board: PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- Aluminum Panel: Solid 0.09" Non-Anodized Aluminum Paneling
- Aluminum Composite Paneling: Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- Retainer Insert: This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.



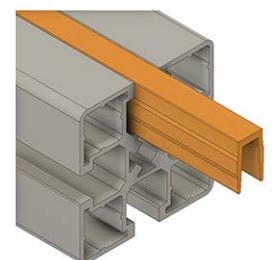
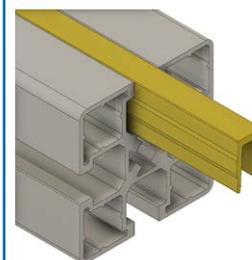
**Foot**  
(F - Four Sided Foot)

**Foot**  
(T - Three Sided Foot)

**Foot**  
(P - 2" Pad and angle Bar)

#### Foot Types

- 4-Sides Foot: Standard Foot with Pad and Anchor Points on all Four Side of the Post Where it Touches the Ground. 9mm Diameter Mounting Holes.
- 3-Sided Foot: Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- 2" Pad and Angle Bar: Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- Single Small Angle: 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- No Foot: Aluminum Profile go to the Floor – No Support or Anchor Point.



**Foot**  
(A - Single Small Angle (45 x 90))

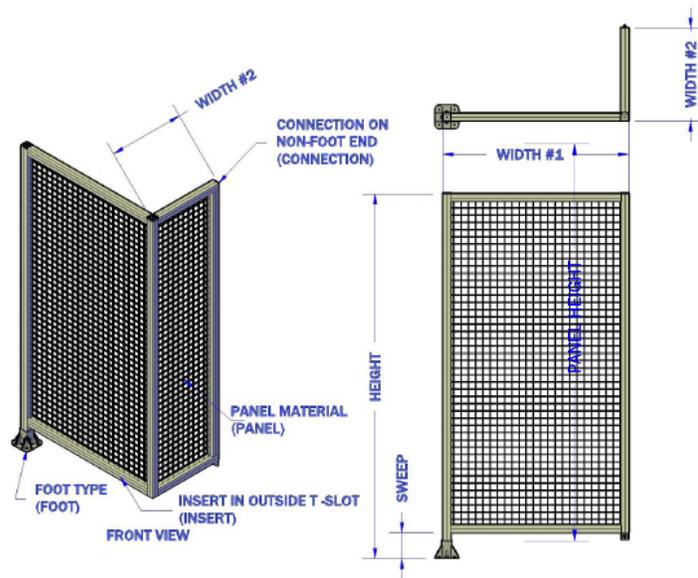
**Insert**  
Colors: Y-Yellow, O-Orange, N-None

#### Assembled or Kit

- Assembled: We Build the Fence Sections to the Print
- Kit: Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

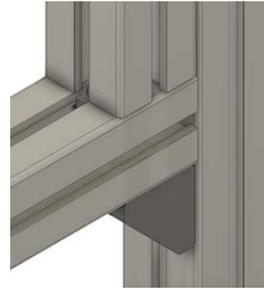
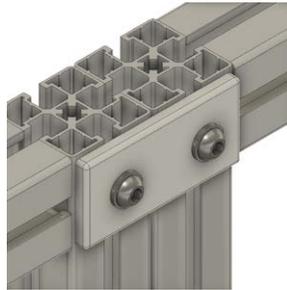
<b>C1</b>	<b>-</b>	<b>2200</b>	<b>-</b>	<b>1000</b>	<b>-</b>	<b>1000</b>	<b>-</b>	<b>0150</b>	<b>-</b>	<b>T</b>	<b>Y</b>	<b>M</b>	<b>F</b>	<b>A</b>
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Type	Height	Width 1	Width 2	Sweep	Connection	Insert	Panel	Foot	Assembly
 C1	<b>Guard Type (Type)</b>		<b>Sweep</b>		<b>Panel Material (Panel)</b>				
	C1 - Single Leg on Left		<b>Distance from Floor to Bottom of Guard in mm</b>		M - 1"x1" Mesh				
	C2 - Single Leg on Right		Measured from Bottom of Foot to the Bottom of the Guard		U - Blue -1/4" PVC Board				
	C3 - Legs on Both Side		Height - Sweep = Panel Height		G- Grey -1/4" PVC Board				
 C2	C4 - No Legs		<b>Connection Non-Foot End (Connection)</b>		B - Black -1/4" PVC Board				
	C5 - Leg on Left and in Center		T - Tie Plates Top, Angle at Bottom		W - White -1/4" PVC Board				
	C6 - Leg on Right and in Center		(Tie plate Good for Straight Connection)		P - 1/4" Polycarbonate				
	C7 - 1 Leg in Center		P - Tie Plates Top and Bottom		L - Aluminum Composite Paneling				
 C3	<b>Height</b>		A - 45 Degree Angle on Top and Bottom		C - 0.090 Aluminum Panel - Not Coated				
	<b>Height of Guard (mm)</b>		(Angle Good for 90 Degree Wall Connection's)		R - No Panel with Retainer Insert				
	Measured from Bottom of Foot to Top of the Guard		H - Hinge		N - No Mesh with Retainer Insert				
	<b>Max Panel Height - Sweep = 2400 mm</b>		(Hinge Good for Odd Angle Connection)		Z - No Panel				
 C4	<b>Width 1</b>		Z - No Connection (Standard on A3)		<b>Foot Type (Foot)</b>				
	<b>Width of guard in mm (4 Place Holders)</b>		<b>Insert</b>		F - 4 Sided Foot (Min Sweep >150mm)				
	<b>Max Width is = 1200 mm</b>		Y - Yellow Insert		T - 3 Sided Foot (Can be Adjusted at install)				
	Measure from Outside Edge to Outside Edge		O - Orange Insert		P - 2" Pad and Angle Bar				
 C5	<b>Width 2</b>		Z - None		A - Single Small Angle (45 x 90)				
	<b>Width of guard in mm (4 Place Holders)</b>		Powder Coated Extrusion Available on Request		Z - No Foot				
	<b>Max Width is = 1200 mm</b>		<b>Assembled or Kit (Assembly)</b>		A - Assembled (Factory Assembles)				
	Measure from Outside Edge to Outside Edge				K - Kit (Customer Assembles)				



#### Connection Options

- Tie Plate: 45mm x 90mm Plate for Connecting Two Pieces of 45mm Wide Profile Together.
- Angle 45: 90 Degree Angle 45mm Wide x 45mm Deep – Angle Bracket Used for Connecting Two Pieces of 45mm Wide Profile Together.
- Hinge 45: Externally Mounted Hinge for Connecting Two Wall Panels Together for 45mm Wide Profile
- No Connection: No Connections on the Non-Foot End.



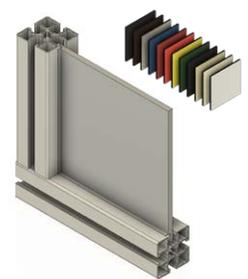
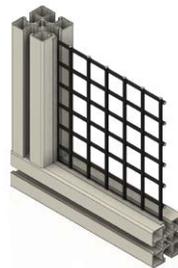
**Connection**  
(T,P - Tie Plate)

**Connection**  
(A - 45 Degree Angle)

**Connection**  
(H - Hinge)

#### Insert Option

- Yellow Insert: Yellow Plastic Cover Will be Inserted in the Outside T-Slot to Keep T-slot Clear of Debris and Indicate Safety Fence Zone for Many Customers Standards. Goes in the Outside Face of the Fence's T-Slot.
- Orange Insert: Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the Outside Face of the Fence's T-Slot.



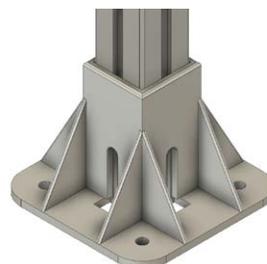
**Panel**  
(M - Mesh)

**Panel**  
(P - Polycarbonate)

**Panel**  
(U,G,B,W,L,C -PVC/ Alum. Panel)

#### Panel Material

- 1" x 1" Mesh: 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- ¼" Polycarbonate: ¼" Clear Paneling Made of Polycarbonate Material
- PVC Board: PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- Aluminum Composite Paneling: Solid 0.09" Non-Anodized Aluminum Paneling
- Aluminum Composite Paneling: Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- Retainer Insert: This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.



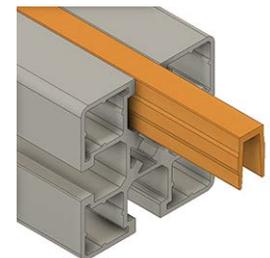
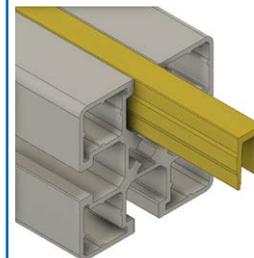
**Foot**  
(F - Four Sided Foot)

**Foot**  
(T - Three Sided Foot)

**Foot**  
(P - 2" Pad and angle Bar)

#### Foot Types

- 4-Sides Foot: Standard Foot with Pad and Anchor Points on all Four Side of the Post Where it Touches the Ground. 9mm Diameter Mounting Holes.
- 3-Sided Foot: Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- 2" Pad and Angle Bar: Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- Single Small Angle: 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- No Foot: Aluminum Profile go to the Floor – No Support or Anchor Point.



**Foot**  
(A - Single Small Angle (45 x 90))

**Insert**  
Colors: Y-Yellow, O-Orange, N-None

#### Assembled or Kit

- Assembled: We Build the Fence Sections to the Print
- Kit: Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

<b>D1</b>	<b>- 1000</b>	<b>- 1000</b>	<b>- 1000</b>	<b>- 0000</b>	<b>- Y</b>	<b>M</b>	<b>T</b>	<b>A</b>
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Type      Height      Width      Depth      Sweep      Insert      Panel      Foot      Assembly



Dog House Type (Type)
<b>D1</b> - Dog House with Legs (Bolts on Posts)
<b>D2</b> - No Legs (Bolts on Posts)
<b>D3</b> - No Legs - Goes Inside Opening



Height
<b>Height of Guard (mm)</b>
Measured from Bottom of Foot to Top of the Guard
<b>Max Panel Height - Sweep = 2400 mm</b>



Width
<b>Width of Guard in mm</b>
<b>Max Width is 1200 mm</b>
Measure from Outside Edge to Outside Edge

Depth
<b>Depth of Guard in mm</b>
<b>Max Depth is 1200 mm</b>
Measure from Outside Edge to Outside Edge

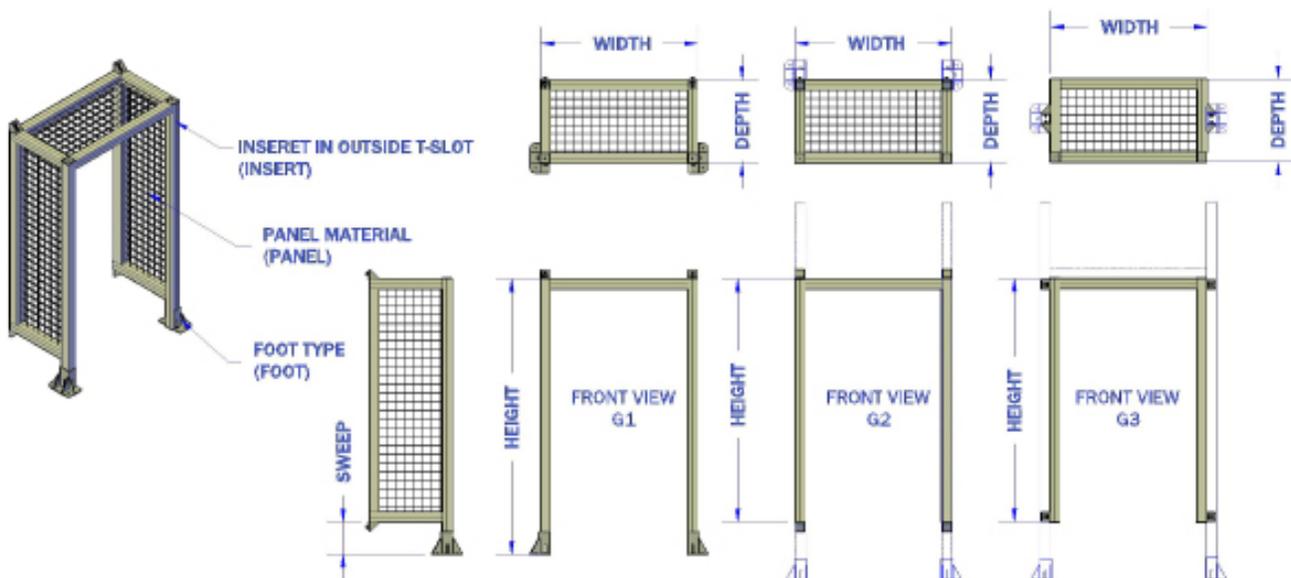
Sweep
<b>Distance from Floor to Bottom of Dog house in mm (G1 Only)</b>
Measured from Bottom of Foot to the Bottom of the Guard
Height - Sweep = Panel Height
Sweep of D2 & D3 is 0000mm

Insert
<b>Y</b> - Yellow Insert
<b>O</b> - Orange Insert
<b>Z</b> - None
Powder Coated Extrusion Available on Request

Panel Material (Panel)
<b>M</b> - 1"x1" Mesh
<b>U</b> - Blue -1/4" PVC Board
<b>G</b> - Grey -1/4" PVC Board
<b>B</b> - Black -1/4" PVC Board
<b>W</b> - White -1/4" PVC Board
<b>P</b> - 1/4" Polycarbonate
<b>L</b> - Aluminum Composite Paneling
<b>C</b> - 0.090 Aluminum Panel - Not Coated
<b>R</b> - No Panel with Retainer Insert
<b>N</b> - No Mesh with Retainer Insert
<b>Z</b> - No Panel

Foot Type (Foot)
<b>T</b> - 3 Sided Foot (Can be Adjusted at install)
<b>P</b> - 2" Pad and Angle Bar
<b>A</b> - Single Small Angle (45 x 90)
<b>Z</b> - No Foot

Assembled or Kit (Assembly)
<b>A</b> - Assembled (Factory Assembles)
<b>K</b> - Kit (Customer Assembles)



#### Insert Options

- Yellow Insert: Yellow Plastic Cover Will be Inserted in the Outside T-Slot to Keep T-slot Clear of Debris and Indicate Safety Fence Zone for Many Customers Standards. Goes in the Outside Face of the Fence's T-Slot.
- Orange Insert: Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the Outside Face of the Fence's T-Slot.

#### Panel Material

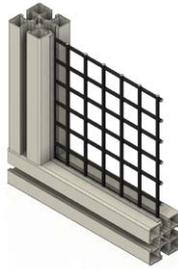
- 1" x 1" Mesh: 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- ¼" Polycarbonate: ¼" Clear Paneling Made of Polycarbonate Material
- PVC Board: PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- Aluminum Panel: Solid 0.09" Non-Anodized Aluminum Paneling
- Aluminum Composite Paneling: Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- Retainer Insert: This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.

#### Foot Types

- 3-Sided Foot: Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- 2" Pad and Angle Bar: Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- Single Small Angle: 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- No Foot: Aluminum Profile go to the Floor – No Support or Anchor Point.

#### Assembled or Kit

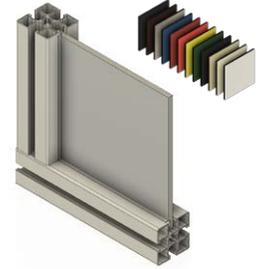
- Assembled: We Build the Fence Sections to the Print
- Kit: Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.



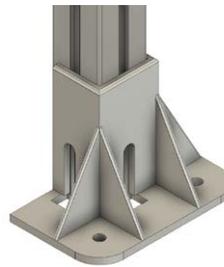
**Panel**  
(M - Mesh)



**Panel**  
(P - Polycarbonate)



**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)



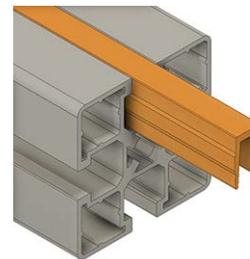
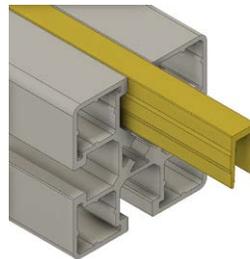
**Foot**  
(T - Three Sided Foot)



**Foot**  
(P - 2" Pad and angle Bar)



**Foot**  
(A - Single Small Angle (45 x 90))



**Insert**  
Colors: Y-Yellow, O-Orange, N-None

**E1 - 2200 - 1000 - 0150 - G Y M T A**

Type      Height      Width      Sweep      Connection      Insert      Panel      Foot      Assembly



Removable Panel Type (Type)
E1 - Single Panel
E2 - Double Panel
E3 - Single Panel with Legs
E4 - Double Panel with Legs
E5 - Single Panel with Legs and Header
E6 - Double Panel with Legs and Header

Height
Height of Guard (mm)
Measured from Bottom of Foot to Top of the Guard
Max Panel Height - Sweep = 2400 mm

Width
Width of guard in mm
Max Width is 1200 mm (single panel), 2400mm (double panel)
Measure from Outside Edge to Outside Edge

Sweep
Distance from Floor to Bottom of Guard in mm
Measured from Bottom of Foot to the Bottom of the Guard
Height - Sweep = Panel Height

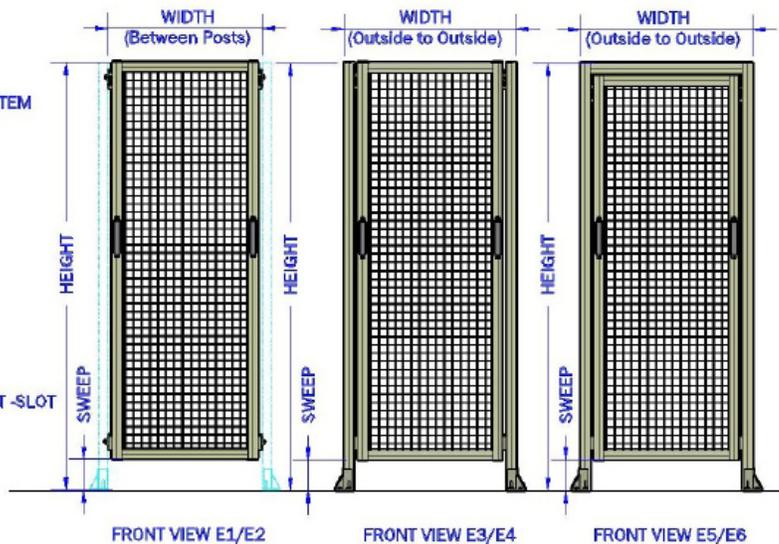
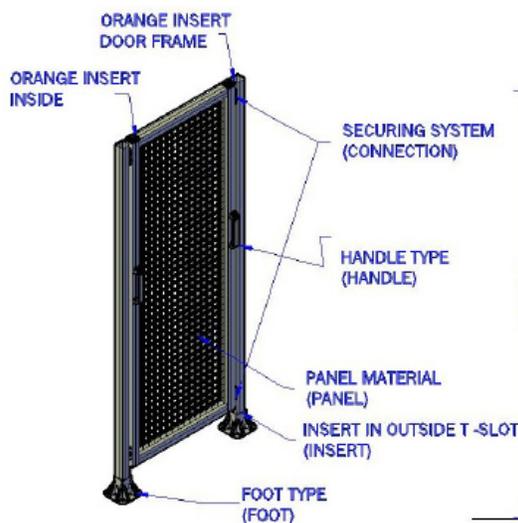
Securing System (Connection)
G- Pivot Bottom, Angle on Top
L - Pivot Bottom, locking System
S- Pivot Bottom, Angle on Top with Key

Insert
Y - Yellow Insert (outside only)
O - Orange Insert (outside only)
J - Orange Insert on Inside, Yellow on Outside
Q - Orange in Frame, Yellow on Outside (E3-E6 only)
Z - None
Powder Coated Extrusion Available on Request

Panel Material (Panel)
M - 1"x1" Mesh
U - Blue -1/4" PVC Board
G- Grey -1/4" PVC Board
B - Black -1/4" PVC Board
W - White -1/4" PVC Board
P - 1/4" Polycarbonate
L - Aluminum Composite Paneling
C - 0.090 Aluminum Panel - Not Coated
R - No Panel with Retainer Insert
N - No Mesh with Retainer Insert
Z - No Panel

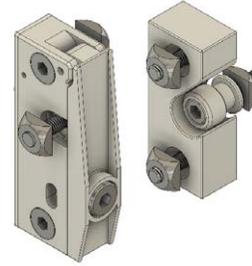
Foot Type (Foot)
T - 3 Sided Foot (Can be Adjusted at install)
P - 2" Pad and Angle Bar
A - Single Small Angle (45 x 90)
Z - No Foot

Assembled or Kit (Assembly)
A - Assembled (Factory Assembles)
K - Kit (Customer Assembles)



#### Securing System

- **G: Pivot Bottom, Angle on Top** – “L” bracket on top to attach panel to Horizontal supporting extrusion. Common Pivot at the bottom to hold guard while putting into place.
- **L: Pivot Bottom, locking system** – This is a patent pending unique locking system for removable panels. 1/4 Turn Lock, and Pivot at the bottom to hold guard while putting into place.
- **S: Pivot Bottom, angle on top** – Same as the “G” option but utilizes a Safety Bolt that requires a special Key. Key is included with each panel.



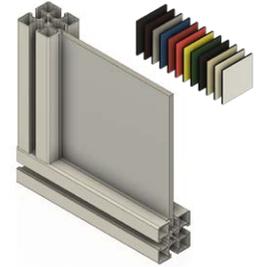
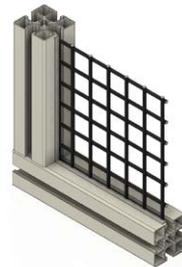
**Securing System**  
(G - Top Angle Bracket)  
(S - Top Angle Bracket with Key)

**Securing System**  
(L - Pivot and locking System)

**Securing System**  
(G,S - Bottom Pivot)

#### Insert Options

- **Yellow Insert:** Yellow plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate safety fence zone for many customers standards. Goes in the outside face of the fence's T-Slot.
- **Orange Insert:** Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the outside face of the fence's T-Slot.
- **J:** Orange Insert on Inside mean the panel and frame on the inside the cell has orange so the door is easier to find.
- **Q:** Orange in the Frame, shows orange color when the door is open, or the panel is removed. To signify this is a hazardous condition.



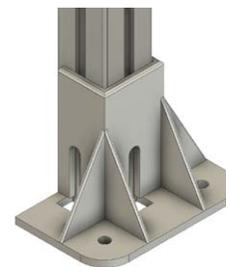
**Panel**  
(M - Mesh)

**Panel**  
(P - Polycarbonate)

**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)

#### Panel Material

- **1" x 1" Mesh:** 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- **¼" Polycarbonate:** ¼" Clear Paneling Made of Polycarbonate Material
- **PVC Board:** PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- **Aluminum Panel:** Solid 0.09" Non-Anodized Aluminum Paneling
- **Aluminum Composite Paneling:** Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core. Core.
- **Retainer Insert:** This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.



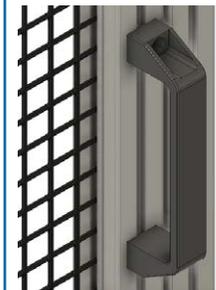
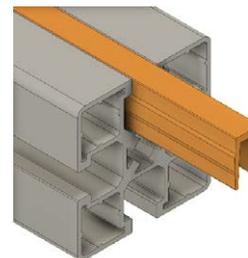
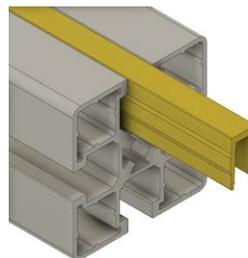
**Foot**  
(A - Single Small Angle (45 x 90))

**Foot**  
(T - Three Sided Foot)

**Foot**  
(P - 2" Pad and angle Bar)

#### Foot Types

- **3-Sided Foot:** Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- **2" Pad and Angle Bar:** Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- **Single Small Angle:** 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- **No Foot:** Aluminum Profile go to the Floor – No Support or Anchor Point.



**Insert**  
(Y - Yellow)

**Insert**  
(O - Orange)

**Handle**  
Standard with all Panel types

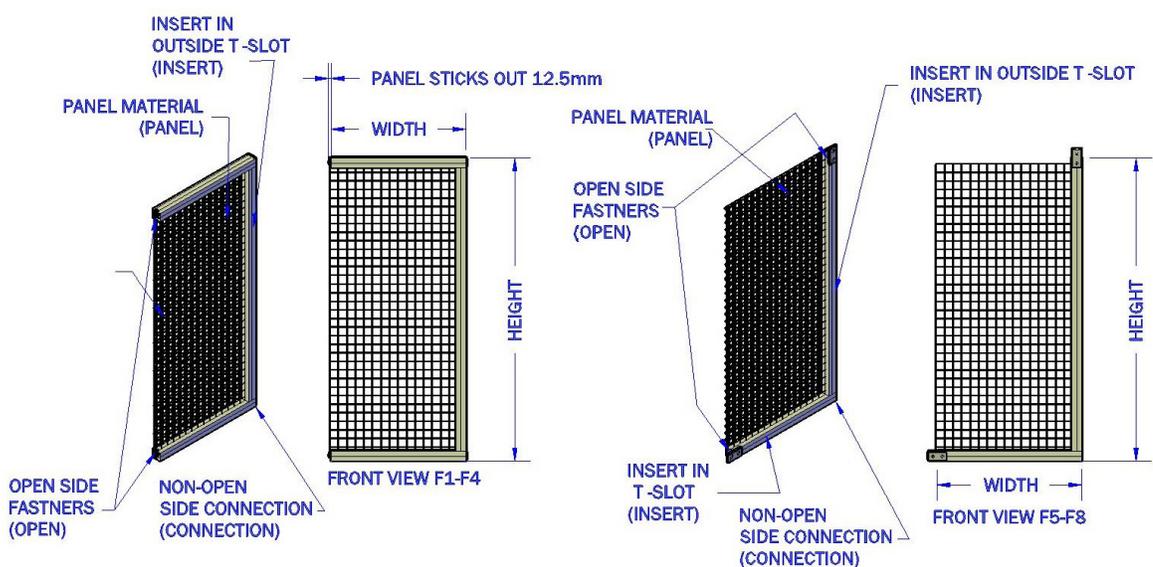
#### Assembled or Kit

- **Assembled:** We Build the Fence Sections to the Print
- **Kit:** Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

<b>F1</b>	<b>-</b>	<b>2200</b>	<b>-</b>	<b>1000</b>	<b>-</b>	<b>0150</b>	<b>T</b>	<b>T</b>	<b>Y</b>	<b>M</b>	<b>A</b>
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Type      Height      Width      Sweep      O-Connection      NO-Connection      Insert      Panel      Assembly

Guard Type (Type)	Sweep	Panel Material (Panel)
<b>F1</b> - Opening on Left	<b>Distance from Floor to Bottom of Guard in mm</b>  Measured from Bottom of Foot to the Bottom of the Guard  Height - Sweep = Panel Height	<b>M</b> - 1"x1" Mesh
<b>F2</b> - Opening on Right		<b>U</b> - Blue -1/4" PVC Board
<b>F3</b> - Opening on Top		<b>G</b> - Grey -1/4" PVC Board
<b>F4</b> - Opening on Bottom		<b>B</b> - Black -1/4" PVC Board
<b>F5</b> - Opening on Top and Left	<b>Open Side Connection (O-Connection)</b>  <b>H</b> - Hidden Profile Fasteners (2)  <b>T</b> - Tie Plates (2) - Only Option for F5-F8	<b>W</b> - White -1/4" PVC Board
<b>F6</b> - Opening on Top and Right		<b>P</b> - 1/4" Polycarbonate
<b>F7</b> - Opening on Bottom and Left		<b>L</b> - Aluminum Composite Paneling
<b>F8</b> - Opening on Bottom and Right		<b>C</b> - 0.090 Aluminum Panel - Not Coated
<b>Height</b>		<b>R</b> - No Panel with Retainer Insert
<b>Height of Guard (mm)</b>		<b>N</b> - No Mesh with Retainer Insert
Measured from Bottom of Foot to Top of the Guard		<b>Z</b> - No Panel
<b>Max Panel Height - Sweep = 2400 mm</b>		
<b>Width</b>		
<b>Width of Guard in mm</b>		
<b>Max Width is 1200 mm</b>		
Measure from Outside Edge to Outside Edge		
<b>Non Open Side Connection (No-Connection)</b>		
<b>T</b> - Tie Plates (2)		
<b>A</b> - Angles (2)		
<b>B</b> - Tie Plate (1) and Angle (1)		
<b>S</b> - Tie Plate (1) Option for F5- F8		
<b>C</b> - Angle (1) Option for F5- F8		
<b>Z</b> - No Connection		
<b>Insert</b>		
<b>Y</b> - Yellow Insert		
<b>O</b> - Orange Insert		
<b>Z</b> - None		
Powder Coated Extrusion Available on Request		
		<b>Assembled or Kit (Assembly)</b>
		<b>A</b> - Assembled (Factory Assemblies)
		<b>K</b> - Kit (Customer Assemblies)



### Connection Options

- **Tie Plate:** 45 x 90 plate for connecting two pieces of 45mm wide profile together.
- **Angle 45:** 90 Degree Angle 45 wide x 45 deep – angle bracket used for connecting two pieces of 45mm wide profile together.
- **Hidden Profile Fastener:** This is the main construction method of the pre-built panels and allows for a clean and secure connection from profile to profile.
- **No Connection:** No Connections on the non-foot end.

### Options

- **Yellow Insert:** Yellow Plastic Cover Will be Inserted in the Outside T-Slot to Keep T-slot Clear of Debris and Indicate Safety Fence Zone for Many Customers Standards. Goes in the Outside Face of the Fence's T-Slot.
- **Orange Insert:** Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the Outside Face of the Fence's T-Slot.

### Panel Material

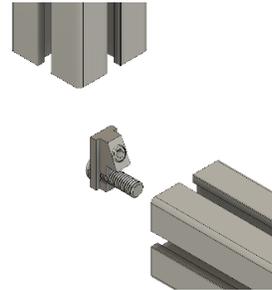
- **1" x 1" Mesh:** 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- **¼" Polycarbonate:** ¼" Clear Paneling Made of Polycarbonate Material
- **PVC Board:** PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- **Aluminum Panel:** Solid 0.09" Non-Anodized Aluminum Paneling
- **Aluminum Composite Paneling:** Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- **Retainer Insert:** This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.

### Assembled or Kit

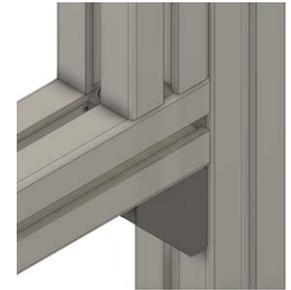
- **Assembled:** We Build the Fence Sections to the Print
- **Kit:** Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.



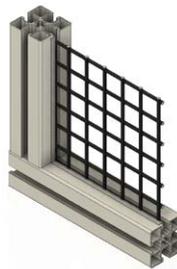
**Connection**  
(T,B,S - Tie Plate)



**Connection**  
(H - Hidden Fasteners)



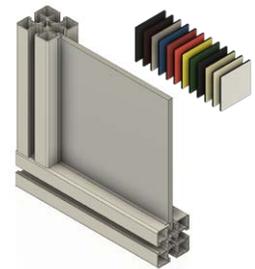
**Connection**  
(A,C - 45 Degree Angle)



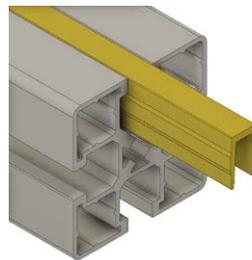
**Panel**  
(M - Mesh)



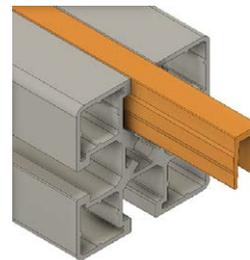
**Panel**  
(P - Polycarbonate)



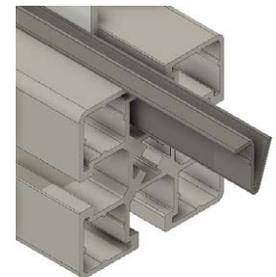
**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)



**Insert**  
(Y - Yellow)



**Insert**  
(O - Orange)



**Insert**  
(R - Retaining Insert)

### Note

- Mesh & panel extend past edge of T-slot to insert into mating t-slot profile.
- Includes extra retaining profile for mating profile T-slot.

**G1 - 2200 - 1000 - 0150 - T Y M T A**

Type Height Width Sweep Handle Insert Panel Foot Assembly



**Single Door Type (Type)**

**G1** - Hinge on Left with Header

**G2** - Hinge on Right with Header

**G3** - Hinge on Left without Frame or Header

**G4** - Hinge on Right without Frame or Header

**G5** - Hinge on Left, Robust Frame, with-out/Header



**Height**

**Height of Door Assembly (mm)**

Measured from Bottom of Foot to Top of the Guard

**Max Panel Height - Sweep = 2400 mm**

Height of G3 & G4 is Door Height

**Width**

**Width of Door Assembly in mm**

**Max Width is 1200 mm**

Measure from Outside Edge to Outside Edge

Width of G3 & G4 is Inside Door Opening Dimension

**Sweep**

**Distance from Floor to Bottom of Guard in mm**

Measured from Bottom of Foot to the Bottom of the Guard

Height - Sweep = Panel Height

Sweep of G3 & G4 is Always 0000

**Handle Option's (Handle)**

**T** - Turn Handle and Stop

**L** - Locking Turn Handle and Stop

**P** - Pull Handle with Catch

**E** - Turn Handle with Internal Egress

**S** - Just Rubber Stop at Top-no Handles

**X** - No Handle with Catch

**Z** - No Handle or Stop/Catch

**Insert**

**Y** - Yellow

**O** - Orange

**J** - Orange Insert on Inside, Yellow on Outside

**Q** - Orange in Door Frame, Yellow on Outside

**Z** - None

Powder Coated Extrusion Available on Request

**Panel Material (Panel)**

**M** - 1"x1" Mesh

**U** - Blue -1/4" PVC Board

**G** - Grey -1/4" PVC Board

**B** - Black -1/4" PVC Board

**W** - White -1/4" PVC Board

**P** - 1/4" Polycarbonate

**L** - Aluminum Composite Paneling

**C** - 0.090 Aluminum Panel - Not Coated

**R** - No Panel with Retainer Insert

**N** - No Mesh with Retainer Insert

**Z** - No Panel

**Foot Type (Foot)**

**T** - 3 Sided Foot (Can be Adjusted at Install)

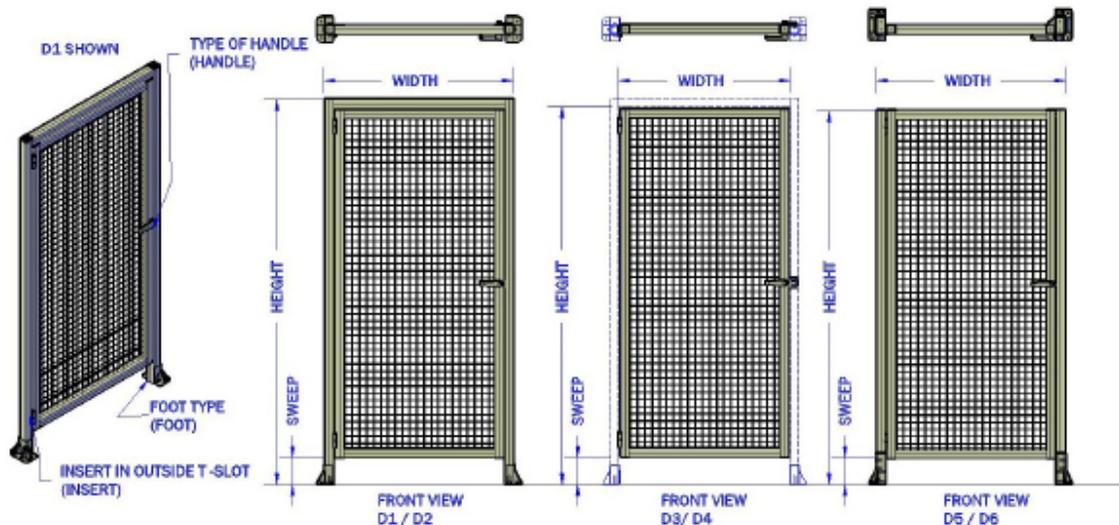
**P** - 2" Pad and Angle Bar

**Z** - No Foot

**Assembled or Kit (Assembly)**

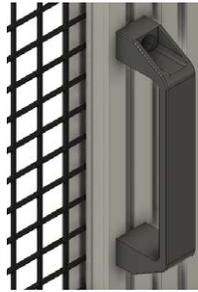
**A** - Assembled (Factory Assembles)

**K** - Kit (Customer Assembles)



#### Handle Types

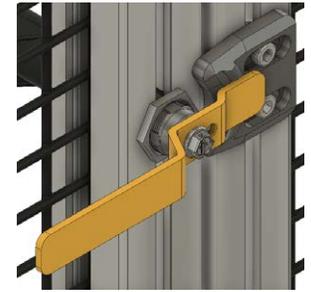
- **T:** Quarter turn handle with a cam that goes through the door post like a traditional door handle. On the opposite end is a cam that engages with a door stop
- **L:** Locking Turn Handle same as the ¼ turn “T”, but with a Key lock.
- **P:** Pull Handle with Catch has a 180mm D handle with a ball latch detent to fold door in place.



**Handle**  
(P - Standard D-Handle)



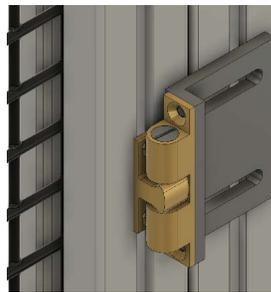
**Handle**  
(T, L, E - Turn Handle)



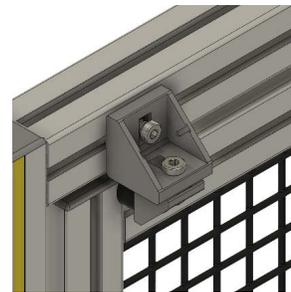
**Handle**  
(E - Internal Egress Handle)

#### Insert Options

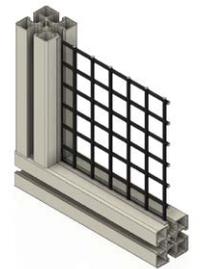
- **Yellow Insert:** Yellow plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate safety fence zone for many customers standards. Goes in the outside face of the fence's T-Slot.
- **Orange Insert:** Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the outside face of the fence's T-Slot.
- **J:** Orange Insert on Inside mean the panel and frame on the inside the cell has orange so the door is easier to find.
- **O:** Orange in the Frame, shows orange color when the door is open, or the panel is removed. To signify this is a hazardous condition.



**Handle**  
(P, X - Ball Catch)



**Handle**  
(T, L, S - Door Stop)



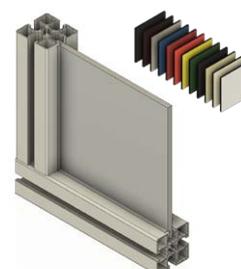
**Panel**  
(M - Mesh)

#### Panel Material

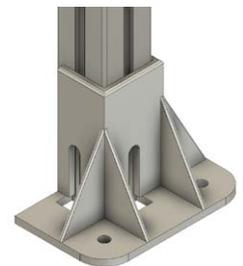
- **1" x 1" Mesh:** 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- **¼" Polycarbonate:** ¼" Clear Paneling Made of Polycarbonate Material
- **PVC Board:** PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- **Aluminum Panel:** Solid 0.09" Non-Anodized Aluminum Paneling
- **Aluminum Composite Paneling:** Aluminum Board with a Painted Silver Metallic Surface and a Plastic Corrugated Core.
- **Retainer Insert:** This is a Plastic Insert Commonly Used to Hold ¼" Paneling into the T-Slot.



**Panel**  
(P - Polycarbonate)



**Panel**  
(U, G, B, W, L, C - PVC/ Alum. Panel)



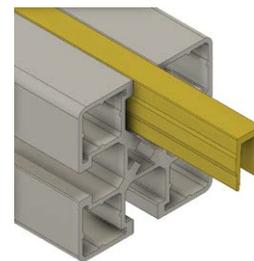
**Foot**  
(T - Three Sided Foot)

#### Foot Types

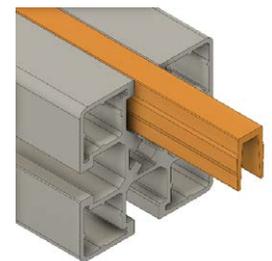
- **3-Sided Foot:** Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- **2" Pad and Angle Bar:** Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- **No Foot:** Aluminum Profile go to the Floor – No Support or Anchor Point.



**Foot**  
(P - 2" Pad and angle Bar)



**Insert**  
(Y - Yellow)



**Insert**  
(O - Orange)

#### Assembled or Kit

- **Assembled:** We Build the Fence Sections to the Print
- **Kit:** Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

**H1 - 2200 - 1000 - 1000 - D Y M T A**

Type      Height      Width      Sweep      Handle      Insert      Panel      Foot      Assembly



Sliding Door (Type)
H1 - Single Panel Slides Left
H2 - Single Panel Slides Right
H3 - Double Panel Slides Left
H4 - Double Panel Slides Right
H5 - Single Panel without Legs Slides Left
H6 - Single Panel without/Legs Slides Right



Sweep
<b>Distance from Floor to Bottom of Guard in mm</b>
Measured from Bottom of Foot to the Bottom of the Guard
Height - Sweep = Panel Height

Panel Material (Panel)
M - 1"x1" Mesh
U - Blue -1/4" PVC Board
G- Grey -1/4" PVC Board
B - Black -1/4" PVC Board
W - White -1/4" PVC Board
P - 1/4" Polycarbonate
L - Aluminum Composite Paneling
C - 0.090 Aluminum Panel - Not Coated
R - No Panel with Retainer Insert
N - No Mesh with Retainer Insert
Z - No Panel
Other Panel, Mesh and Colors are Available on Request



Height
<b>Height of Door Assembly (mm)</b>
Measured from Bottom of Foot to Top of the Guard
Max Panel Height - Sweep = 2400 mm

Handle Type (Handle)
D - D Handles with Ball Catch
L - Slide Door Latching Handle with lock
X - No Handles with Catch
Z - No Handles



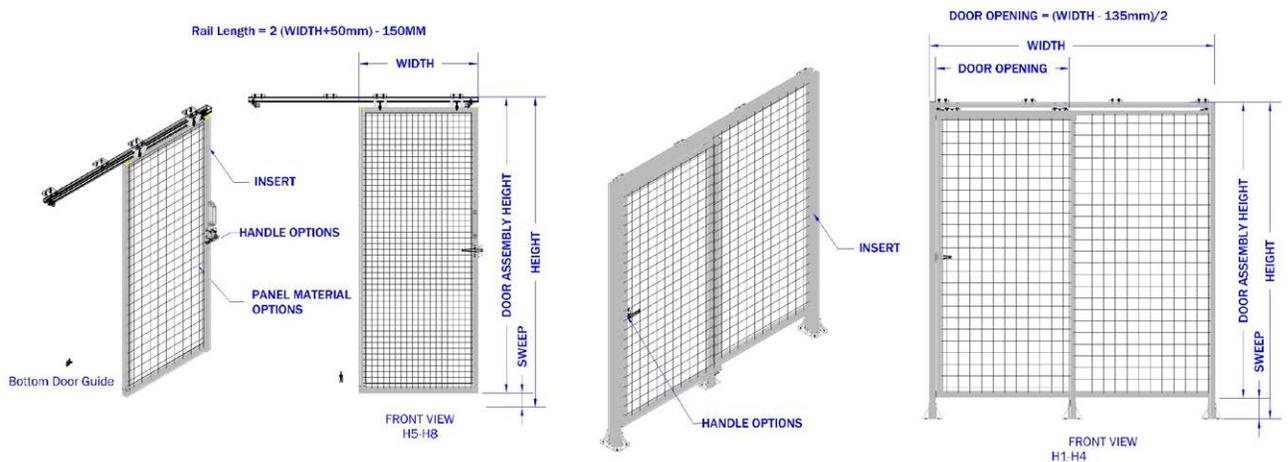
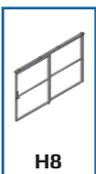
Width
<b>Width of Door Assembly in mm</b>
Max Width is 1200 mm (single panel), 2400 mm (double panel)
Measure from Outside Edge to Outside Edge

Insert
Y - Yellow Insert
O - Orange Insert
J - Orange Insert on Inside Yellow on Outside
Q - Orange in Door Frame, Yellow on Outside
Z - None
Powder Coated Extrusion Available on Request

Foot Type (Foot)
T - 3 Sided Foot (Can be Adjusted at install)
Z - No Foot

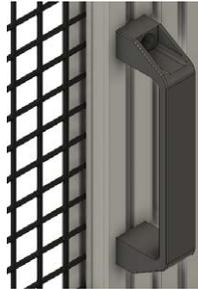


Assembled or Kit (Assembly)
A - Assembled (Factory Assembles)
K - Kit (Customer Assembles)



#### Handle Types

- **D:** Pull Handle with Catch has a 180mm D handle with a ball latch detent to fold door in place.
- **L:** Locking Turn Handle same as the ¼ turn "T", but with a Key lock.
- **X:** No Handle with Catch is a ball detent to hold the door closed, and customer supplier their own handle
- **Z:** No Handle or Stop/Catch – no additional provisions, not recommended unless customer has their own handle and latch.



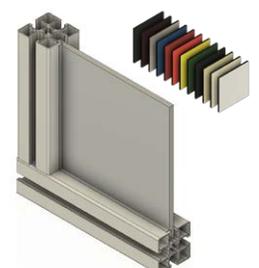
**Handle**  
(D - Standard D-Handle)

**Handle**  
(L - Sliding Door Handle)

**Handle**  
(X - No Handle with Ball Catch)

#### Insert Options

- **Yellow Insert:** Yellow plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate safety fence zone for many customers standards. Goes in the outside face of the fence's T-Slot.
- **Orange Insert:** Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the outside face of the fence's T-Slot.
- **J:** Orange Insert on Inside mean the panel and frame on the inside the cell has orange so the door is easier to find.
- **Q:** Orange in the Frame, shows orange color when the door is open, or the panel is removed. To signify this is a hazardous condition.



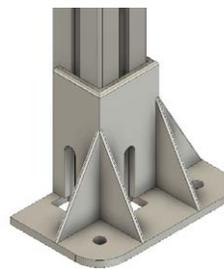
**Panel**  
(M - Mesh)

**Panel**  
(P - Polycarbonate)

**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)

#### Panel Material

- **1" x 1" Mesh:** 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1" x 1" on the Wire Center Lines.
- **¼" Polycarbonate:** ¼" Clear Paneling Made of Polycarbonate Material
- **PVC Board:** PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- **Aluminum Panel:** Solid 0.09" Non-Anodized Aluminum Paneling
- **Aluminum Composite Paneling:** Aluminum Board with a Painted Grey Surface and a Plastic Corrugated Core.
- **Retainer Insert:** This is a Plastic Insert Commonly Used to Hold ¼" Paneling Into the T-Slot.



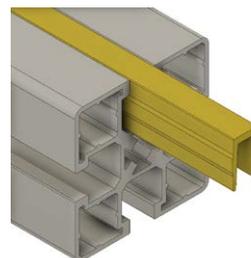
**Foot**  
(T - Three Sided Foot)

**Foot**  
(T - Three Sided Foot(Robust))

**Foot**  
(P - 2" Pad and angle Bar)

#### Foot Types

- **3-Sided Foot:** Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- **2" Pad and Angle Bar:** Leveling Pad with 2" Surface, and Angle Bar for Providing an Anchor Point.
- **Single Small Angle:** 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- **No Foot:** Aluminum Profile go to the Floor – No Support or Anchor Point.



**Insert**  
(Y - Yellow)

#### Sliding Door Guide

Guide for the base of the door so to prevent swinging out for the assembly.

Standard with all sliding doors.



#### Assembled or Kit

- **Assembled:** We Build the Fence Sections to the Print
- **Kit:** Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.

**J1 - 2200 - 1000 - 0150 - D Y M T A**

Type      Height      Width      Sweep      Handle      Insert      Panel      Foot      Assembly



Double Swing Door (Type)	
<b>J1</b>	- Single Panel Doors with header
<b>J2</b>	- Single Panel Doors without/ frame or header
<b>J3</b>	- Single Panel Doors Robust Frame with Header
<b>J4</b>	- Single Panel Doors Robust Frame without Header
<b>J5</b>	- Double Panel Doors with header
<b>J6</b>	- Double Panel Doors frame or header
<b>J7</b>	- Double Panel Doors Robust Frame with Header
<b>J8</b>	- Double Panel Doors Robust Frame no Header
Single Panels Comes with Cane Bolt	
Double Panels Come with Caster and Cane Bolt	

Height	
<b>Height of Door Assembly (mm)</b>	
Measured from Bottom of Foot to Top of the Guard	
<b>Max Panel Height - Sweep = 2400 mm</b>	

Width	
<b>Width of Door Assembly in mm</b>	
<b>Max Width is 1200 mm (Single Panel), 2400 mm (Double Panel)</b>	
Measure from Outside Edge to Outside Edge	

Sweep	
<b>Distance from Floor to Bottom of Guard in mm</b>	
Measured from Bottom of Foot to the Bottom of the Guard	
<b>Height - Sweep = Panel Height</b>	

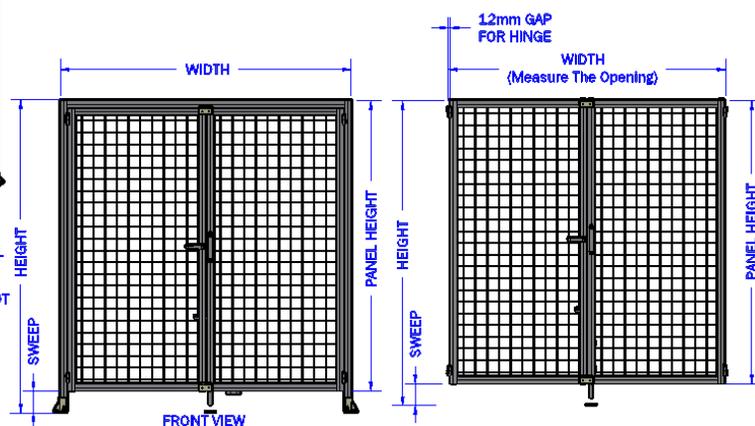
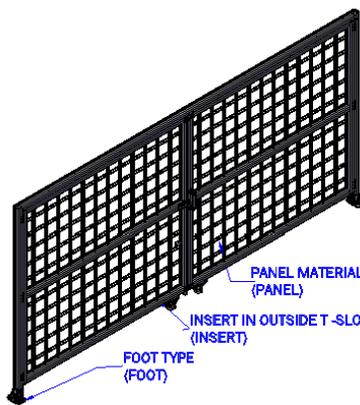
Handle Type (Handle)	
<b>D</b> - D Handles with Ball Catch (J1,J3,J5,J7 only)	
<b>B</b> - No Handle with Ball Catch (J1,J3, J5, J7 only)	
<b>T</b> - Turn Handle and Stop (Door on Left)	
<b>U</b> - Turn Handle and Stop (Door on Right)	
<b>L</b> - Locking Turn Handle and Stop (Door on Left)	
<b>R</b> - Locking Turn Handle and Stop (Door on Right)	

Insert	
<b>Y</b> - Yellow Insert	
<b>O</b> - Orange Insert	
<b>J</b> - Orange Insert on Inside Yellow on Outside	
<b>Q</b> - Orange in Door Frame, Yellow on Outside	
<b>Z</b> - None	
Powder Coated Extrusion Available on Request	

Panel Material (Panel)	
<b>M</b> - 1"x1" Mesh	
<b>U</b> - Blue -1/4" PVC Board	
<b>G</b> - Grey -1/4" PVC Board	
<b>B</b> - Black -1/4" PVC Board	
<b>W</b> - White -1/4" PVC Board	
<b>P</b> - 1/4" Polycarbonate	
<b>L</b> - Aluminum Composite Paneling	
<b>C</b> - 0.090 Aluminum Panel - Not Coated	
<b>R</b> - No Panel with Retainer Insert	
<b>N</b> - No Mesh with Retainer Insert	
<b>Z</b> - No Panel	

Foot Type (Foot)	
<b>T</b> - 3 Sided Foot (Can be Adjusted at install)	
<b>Z</b> - No Foot	

Assembled or Kit (Assembly)	
<b>A</b> - Assembled (Factory Assembles)	
<b>K</b> - Kit (Customer Assembles)	



#### Handle Options

- **T:** Quarter turn handle with a cam that goes through the door post like a traditional door handle. On the opposite end is a cam that engages with a door stop
- **L:** Locking Turn Handle same as the ¼ turn “T”, but with a Key lock.
- **P:** Pull Handle with Catch has a 180mm D handle with a ball latch detent to fold door in place.

#### Insert Options

- **Yellow Insert:** Yellow plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate safety fence zone for many customers standards. Goes in the outside face of the fence’s T-Slot.
- **Orange Insert:** Orange plastic cover will be inserted in the outside T-Slot to keep T-slot clear of debris and indicate a zone. Goes in the outside face of the fence’s T-Slot.
- **J:** Orange Insert on Inside mean the panel and frame on the inside the cell has orange so the door is easier to find.
- **O:** Orange in the Frame, shows orange color when the door is open, or the panel is removed. To signify this is a hazardous condition.

#### Panel Material

- **1” x 1” Mesh:** 12awg Welded Wire Mesh, with a PVC Coating, and a Pattern of 1” x 1” on the Wire Center Lines.
- **¼” Polycarbonate:** ¼” Clear Paneling Made of Polycarbonate Material
- **PVC Board:** PVC Foam Board Compressed for a Smooth Surface and Light Weight Material. Comes in a Large Variety of Colors. White, Blue, Black, and Gray are our Standards, but Many Others are Available.
- **Aluminum Panel:** Solid 0.09” Non-Anodized Aluminum Paneling
- **Aluminum Composite Paneling:** Aluminum Board with a Painted Grey Surface and a Plastic Corrugated Core.
- **Retainer Insert:** This is a Plastic Insert Commonly Used to Hold ¼” Paneling Into the T-Slot.

#### Foot Types

- **3-Sided Foot:** Foot with Pad and Anchor Points on 3 of the 4 Sides of the Guard. Comes Standard on Doors with Flush Side in the Door. Comes Standard on Guard with Flush Side on Inside of Guard. Can Easily be Field Rotated.
- **Single Small Angle:** 90 Degree Angle, 45mm Wide x 90mm Long / Tall for a Single Simple Anchor Point.
- **No Foot:** Aluminum Profile go to the Floor – No Support or Anchor Point.

#### Assembled or Kit

- **Assembled:** We Build the Fence Sections to the Print
- **Kit:** Typically, a Lower Cost Alternative Where the Customer will Assemble the Wall Section Themselves.



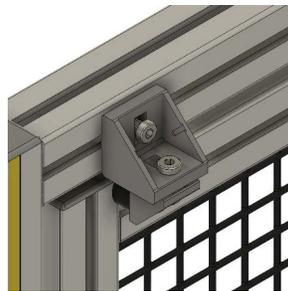
**Handle**  
(D - Standard D-Handle)



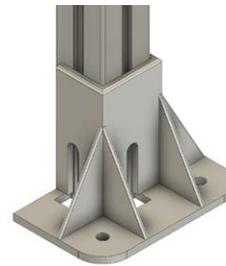
**Handle**  
(T,L - Turn Handle)



**Handle**  
(D,B - Ball Catch)



**Handle**  
(T,L - Door Stop)



**Foot**  
(T - Three Sided Foot)



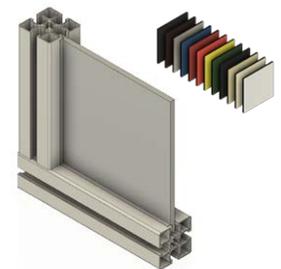
**Foot**  
(T - Three Sided Foot (Robust))



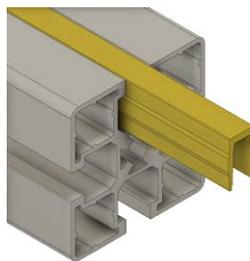
**Panel**  
(M - Mesh)



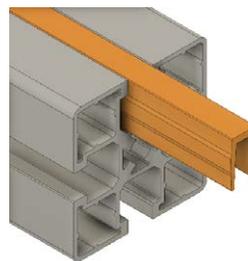
**Panel**  
(P - Polycarbonate)



**Panel**  
(U,G,B,W,L,C - PVC/ Alum. Panel)



**Insert**  
(Y - Yellow)



**Insert**  
(O - Orange)



**Cane Bolt**  
Standard with all Double doors

**K1 - 2200 - Y F A**

Type      Height      Insert      Foot      Assembly



Post Type (Type)
K1 - Post 45 x 45
K2 - Post 45 x 90
K3 - Post 90 x 90

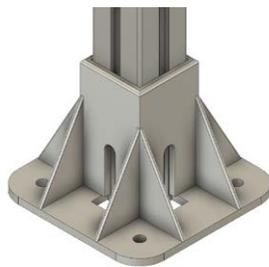
Insert
Y - Yellow Insert- 2 sides
O - Orange Insert- 2 sides
Z - None
Powder Coated Extrusion Available on Request
Shipped Loose

Foot Type (Foot)
F - 4 Sided Foot
T - 3 Sided Foot (standard on 45x90)
P - 2" Pad and Angle Bar (K1 only)
A - Single Small Angle
Z - No Foot



Height
Height of Guard (mm)
Measured from Bottom of Foot to Top of the Guard
Max Panel Height - Sweep = 2400 mm

Assembled or Kit (Assembly)
A - Assembled (Factory Assemblies)
K - Kit (Customer Assemblies)



**Foot**  
(F - Four Sided Foot)



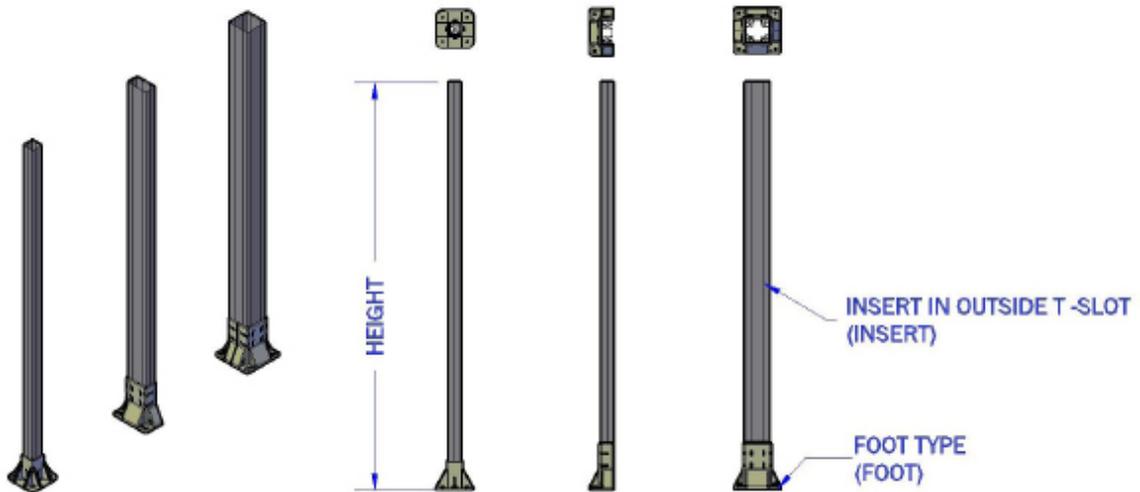
**Foot**  
(T - Three Sided Foot)



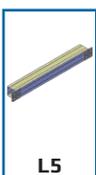
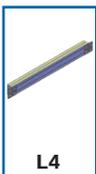
**Foot**  
(P - 2" Pad and angle Bar)



**Foot**  
(A - Single Small Angle)



**L1 - 1000 - Y T A**  
 Type      Width      Insert      Connection      Assembly



Bar Type (Type)
L1 - 45 x 19 Bar (Half Strap)
L2 - 45 x 45 Bar
L3 - 45 x 90 Bar
L4 - 90 x 45 Bar
L5 - 90 x 90 Bar

Length
Length of Bar in mm
Max Length is 6000 mm
Measure from Outside Edge to Outside Edge

Insert
Y - Yellow Insert
O - Orange Insert
Z - None
Powder Coated Extrusion Available on Request

**\*\*Note\*\***  
 When using L1 inside a mesh panel as shown in the picture below.  
 Please use the following equation to allow a 4mm gap on each side:  
 Panel Length - 98mm = Bar Length

Connection on Non-Foot End (Connection)
T - Tie Plates 45 x 90
P - Tie Plates 90 x 90
A - 45 x 45 Degree Angle (Good on L2)
B - 45 x 90 Degree Angle (Good on L2 or L3)
C - 90 x 90 Degree Angle (Good on L3 or L4)
H - Hinge for 45mm side (good on L2 or L3)
(Hinge Good for Odd Angle Connection)
Z - No Connection

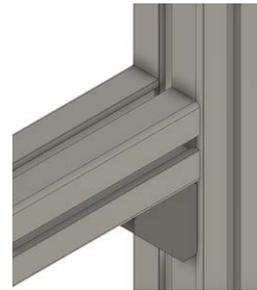
Assembled or Kit (Assembly)
A - Assembled (Factory Assemblies)
K - Kit (Customer Assemblies)



**Connection**  
(T,P - Tie Plate - Front View)



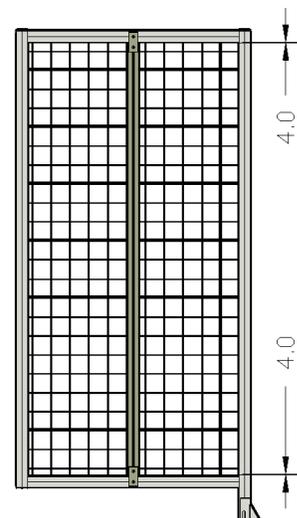
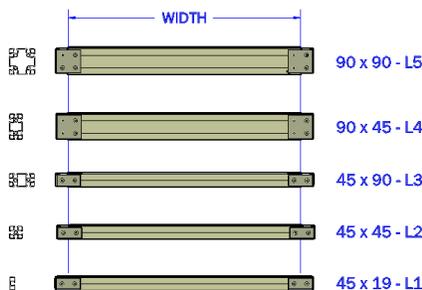
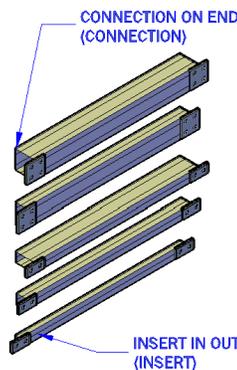
**Connection**  
(T,P - Tie Plate - Side View)



**Connection**  
(A - 45 Degree Angle)



**Connection**  
(H - Hinge)





Button Head Cap Screw-Zinc Plated				
Length	M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25
12mm	M4X12BHCS-0	M5X12BHCS-0	M6X12BHCS-0	M8X12BHCS-0
16mm	M4x16BHCS-0	M5x16BHCS-0	M6x16BHCS-0	M8x16BHCS-0
18mm	M4x18BHCS-0	M5x18BHCS-0	M6x18BHCS-0	M8x18BHCS-0
20mm	M4x20BHCS-0	M5x20BHCS-0	M6x20BHCS-0	M8x20BHCS-0
22mm		M5x22BHCS-0	M6x22BHCS-0	M8x22BHCS-0
25mm	M4x25BHCS-0	M5x25BHCS-0	M6x25BHCS-0	M8x25BHCS-0
30mm	M4x30BHCS-0	M5x30BHCS-0	M6x30BHCS-0	M8x30BHCS-0
35mm		M5x35BHCS-0	M6x35BHCS-0	M8x35BHCS-0
40mm		M5x40BHCS-0	M6x40BHCS-0	M8x40BHCS-0
45mm		M5x45BHCS-0	M6x45BHCS-0	M8x45BHCS-0
50mm		M5x50BHCS-0	M6x50BHCS-0	M8x50BHCS-0



Flat Head Cap Screw-Zinc Plated				
Length	M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25
12mm	M4X12FHCS-0	M5X12FHCS-0	M6X12FHCS-0	M8X12FHCS-0
16mm	M4x16FHCS-0	M5x16FHCS-0	M6x16FHCS-0	M8x16FHCS-0
18mm	M4x18FHCS-0	M5x18FHCS-0	M6x18FHCS-0	M8x18FHCS-0
20mm	M4x20FHCS-0	M5x20FHCS-0	M6x20FHCS-0	M8x20FHCS-0
22mm		M5x22FHCS-0	M6x22FHCS-0	M8x22FHCS-0
25mm	M4x25FHCS-0	M5x25FHCS-0	M6x25FHCS-0	M8x25FHCS-0
30mm	M4x30FHCS-0	M5x30FHCS-0	M6x30FHCS-0	M8x30FHCS-0
35mm		M5x35FHCS-0	M6x35FHCS-0	M8x35FHCS-0
40mm		M5x40FHCS-0	M6x40FHCS-0	M8x40FHCS-0
45mm		M5x45FHCS-0	M6x45FHCS-0	M8x45FHCS-0
50mm		M5x50FHCS-0	M6x50FHCS-0	M8x50FHCS-0



Low Head Socket Cap Screw-Zinc Plated				
Length	M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25
12mm		M5X12LHSCS-0	M6X12LHSCS-0	M8x12LHSCS-0
16mm		M5X16LHSCS-0	M6x16LHSCS-0	M8x16LHSCS-0
18mm		M5X18LHSCS-0	M6x18LHSCS-0	M8x18LHSCS-0
20mm		M5X20LHSCS-0	M6x20LHSCS-0	M8x20LHSCS-0
22mm		M5X22LHSCS-0	M6x22LHSCS-0	M8x22LHSCS-0
25mm		M5X25LHSCS-0	M6x25LHSCS-0	M8x25LHSCS-0
30mm		M5X30LHSCS-0	M6x30LHSCS-0	M8x30LHSCS-0
35mm		M5X35LHSCS-0	M6x35LHSCS-0	M8x35LHSCS-0
40mm		M5X40LHSCS-0	M6x40LHSCS-0	M8x40LHSCS-0
45mm		M5X45LHSCS-0	M6x45LHSCS-0	M8x45LHSCS-0
50mm		M5X50LHSCS-0	M6x50LHSCS-0	M8x50LHSCS-0



Square Nuts	
Thread	Zinc Plated Item #
M8	M85-0
M6	M65-0
M5	M55-0
M4	M45-0



Square Nuts with Position Fix Spring	
Thread	Zinc Plated Item #
M8	M85-PF
M6	M65-PF
M5	M55-PF
M4	M45-PF



Rectangle Nuts	
Thread	Zinc Plated Item #
M8	M8L-0
M6	M6L-0
M5	M5L-0
M4	M4L-0



Rectangle Nuts with Position Fix Spring	
Thread	Zinc Plated Item #
M8	M8L-PF
M6	M6L-PF
M5	M5L-PF



Washers	
Thread	Zinc Plated Item #
M8- Large	M8LGW-0
M8	M8SMW-0
M6	M6SMW-0
M5	M5SMW-0
M4	M4SMW-0



Lock Washers	
Thread	Zinc Plated Item #
M8	M8LKW-0
M6	M6LKW-0
M5	M5LKW-0
M4	M4LKW-0



Hex Nuts	
Thread	Zinc Plated Item #
M8	M8H-0
M6	M6H-0
M5	M5H-0
M4	M4H-0



Button Head Cap T40 Torx Screw	
Thread	Zinc Plated Item #
M8	M8x25BHCS-2



Button Head Cap T40 Torx Screw Tamper Proof	
Thread	Zinc Plated Item #
M8	M8x20BHCS-3



Tamper Proof Torx Wrench	
T40	23-100-0

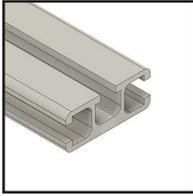


1/2" x 3-3/4" Wedge Anchor	
Thread	Zinc Plated Item #
1/2"	24-123-0

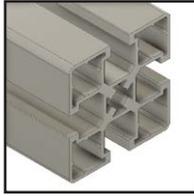


3/8" x 3" Wedge Anchor	
Thread	Zinc Plated Item #
3/8"	24-383-0

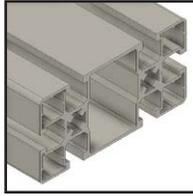
### PROFILES



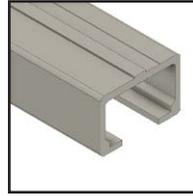
Aluminum Profile  
**10-4518.5-0**  
45 X 18.5



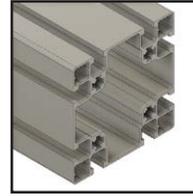
Aluminum Profile  
**10-4545-0**  
45 X 45



Aluminum Profile  
**10-4590-0**  
45 X 90



Sliding Door Profile  
**10-800-0**



Aluminum Profile  
**10-9090-0**  
90 X 90

### FEET & CASTERS



Leveling Foot  
**30-M8D50-0**  
50mm pad/ M8 Thread



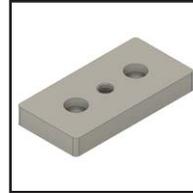
Leveling Foot  
**30-M10D50-0**  
50mm Pad/ M10 Thread



Stem Style Caster  
**\*31-SRM10D4PO-0\***  
4" Polyolefin



Stem Style Caster  
**\*31-SRM10D4PO-1\***  
4" Polyolefin with Lock



Mounting Plate 45 x 90  
**32-4590M10-0**  
M10 Hole



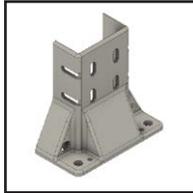
Mounting Foot  
**33-4545-1**  
Four Sided Foot 45 x 45



Mounting Foot  
**33-45453S-1**  
Three Sided Foot 45 x 45



Mounting Foot  
**33-4590-1**  
Four Sided Foot 45 x 90



Mounting Foot  
**33-45903S-1**  
Three Sided Foot 45 x 90



Mounting Foot  
**33-9090-1**  
Four Sided Foot 90 x 90



Support Angle 150  
**34-150-1**



Support Angle 270  
**34-270-1**



Gusset Bracket  
**40-110-1**  
45 x 45 Angle Bracket



Gusset Bracket  
**40-120-1**  
45 x 90 Angle Bracket



Gusset Bracket  
**40-130-1**  
90 x 90 Angle Bracket



Gusset Cover Cap  
**40-210-0**  
45 x 45 Angle Cap



Gusset Cover Cap  
**40-220-0**  
45 x 90 Angle Cap



Gusset Cover Cap  
**40-230-0**  
90 x 90 Angle Cap

### CONNECTIONS



Diagonal Brace  
**40-3454S-1**  
45 x 45 Brace



Hidden Profile Connector  
**41-001-0**



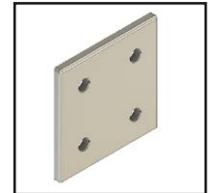
Hidden Fastener  
**41-002-0**  
Socket-Head



Hidden Fastener  
**41-002-2**  
T40 Torques



Tie Plate  
**41-110-1**  
45 x 90 Flat Plate



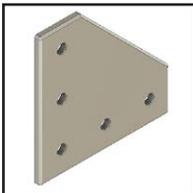
Tie Plate  
**41-120-1**  
90 x 90 Flat Plate



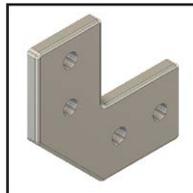
Tie Plate  
**41-130-1**  
45 x 180 Flat Plate



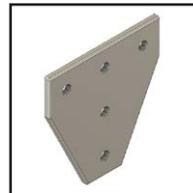
Tie Plate  
**41-140-1**  
90 x 180 Flat Plate



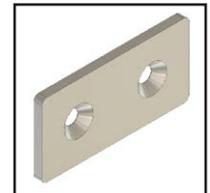
Corner Plate  
**41-150-1**  
135 x 135 Flat Plate



Corner Plate  
**41-154-1**



Tee Plate  
**41-170-1**  
135 x 135 Flat Plate



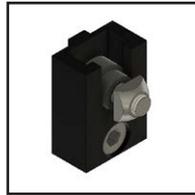
Tie Plate  
**41-180-1**  
45 x 90 Flat Plate



90 T-Slot Bar  
**41-300-0**



Guarding Connection  
**41-400-1**  
Removable Panel



Guarding Connection  
**41-410-1**  
Removable Panel



Guard Fixing Angle  
**41-420-1**



Guard Fixing Angle  
**41-420-2**  
security bolt



45 x 45 Pivot Joint  
**42-001-1**  
with Handle



45 x 45 Pivot Joint  
**42-100-1**



L-Handle with 1/4 Turn  
**50-010-0**



L-Handle with Lock  
**50-020-0**



Egress Handle  
**50-100-0**



Cam Latch  
**50-104-0**



Cam Latch  
**50-105-0**



180 Pull Handle  
**50-200-1**  
Gray



120 Pull Handle  
**50-210-1**  
Gray



Compact Slam Latch  
**50-300-1**



Emergency Unlock  
**50-301-1**



Sliding Door Latch  
**50-310-1**  
with Lock



Liftoff Hinge 45  
**51-000-1**



Hinge 45 S  
**51-010-1**



Cam Latch Door Stop  
**52-010-0**



Door Latch Metal  
**52-110-1**



Ball Latch 70MM  
**52-121-1**



Ball Latch Angle Bracket  
**52-122-1**



Door Stop  
**52-430-1**



24" Cane Bolt  
**52-500-0**



Trolley  
**55-010-1**



Trolley Stops  
**55-030-0**



Sliding Door Guide  
**55-040-1**



Special Plate  
**55-050-1**

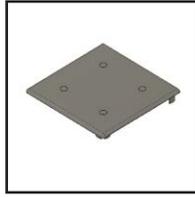
PANEL ELEMENTS, PROFILE INSERTS & END CAPS



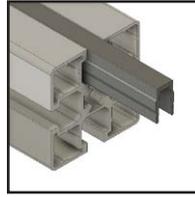
45 X 45 End Cap  
**60-010-0**  
Gray



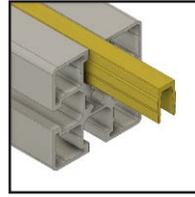
45 X 90 End Cap  
**60-020-0**  
Gray



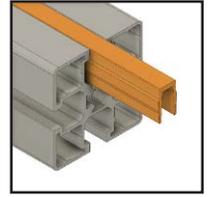
90 X 90 End Cap  
**60-030-0**  
Gray



Cover Profile  
**61-010-0**  
Gray



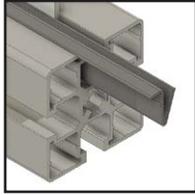
Cover Profile  
**61-010-2**  
Yellow



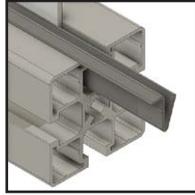
Cover Profile  
**61-010-3**  
Orange



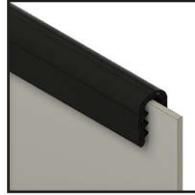
Cover Profile  
**61-050-0**  
Aluminum



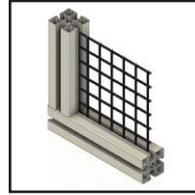
Retaining Insert  
**61-120-0**  
Panel



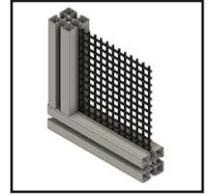
Retaining Insert  
**61-121-0**  
Mesh



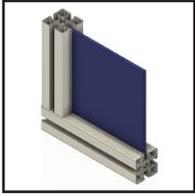
Edge Protection Profile  
**62-000-0**



Black Mesh 1"  
**63-000-BK**  
(4' x 8')



Black Mesh 1/2"  
**63-050-BK**  
(4' x 8')



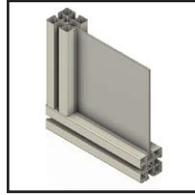
PVC Panel (4' X 8')  
**63-100-BLUE**  
(Blue, Gray, Black, White, Yellow, Red)



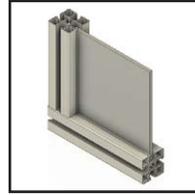
1/4" Polycarbonate  
**63-200-0**  
(4' x 8')



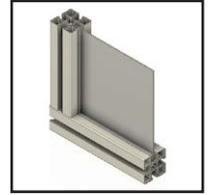
Aluminum Composite Panel  
**63-300-0**  
(4' x 8')



Aluminum 1/8"  
**63-400-0**  
(4' X 8')



Aluminum 1/4" (4' X 8')  
**63-410-0**



Aluminum 0.08" (4' X 8')  
**63-420-0**



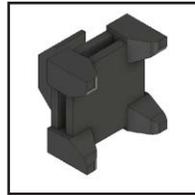
Wire Mesh Holder 45  
**64-030-1**  
(plate only)



Plastic Conduit 45  
**65-000-0**  
(2 meter)



Cable Block  
**66-100-0**  
with M5 Bolt



Cable Block  
**66-110-0**  
1/4 Turn



Cable Tray Support 45 x 45  
**66-4545-Length**  
300, 350, 400, 450, 500



Cable Tray Support 45 x 90  
**66-4590-Length**  
300, 350, 400, 450, 500

**Assembly of the Modular Guarding Solutions' Profile and the Hidden Fastener**

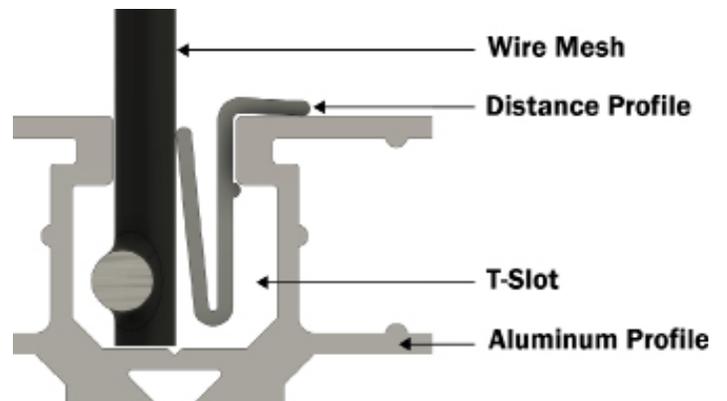
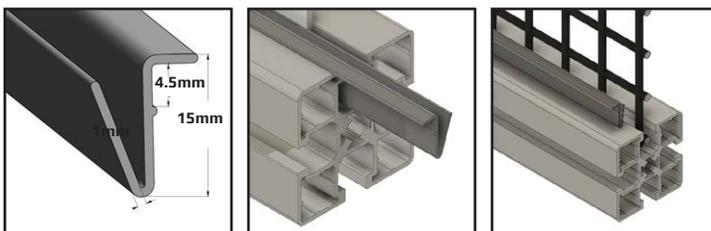
The hidden fastener fits securely in 99% of all 8mm T-slot extrusion. By far the easiest and fastest locking mechanism.

- Provides for an extremely strong 90° connection
- Accurate location of the profile
- Integrated mounting aid
- Movable
- Low-cost due to minimal processing
- Can be used for all types of construction



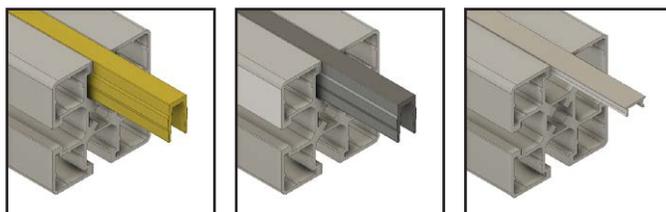
**Retaining Insert**

Retaining Insert is used to secure solid panels and mesh within the T-slot. Simply cut to length and insert around the frame.



**Insert Profile**

Designed for use with Modular Guarding Solutions' standard T-slot extrusion. Provides a smooth appearance that covers the T-slot.



**Support Foot**

Suitable for profile up to dimension 45mm x 45mm floor mounting of guard units, information plates and frames to the floor using wedge anchors.

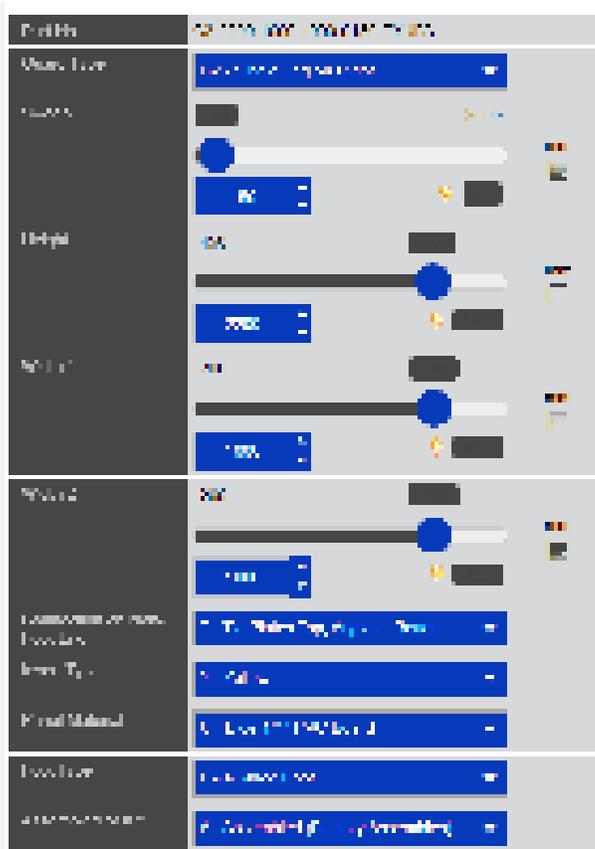


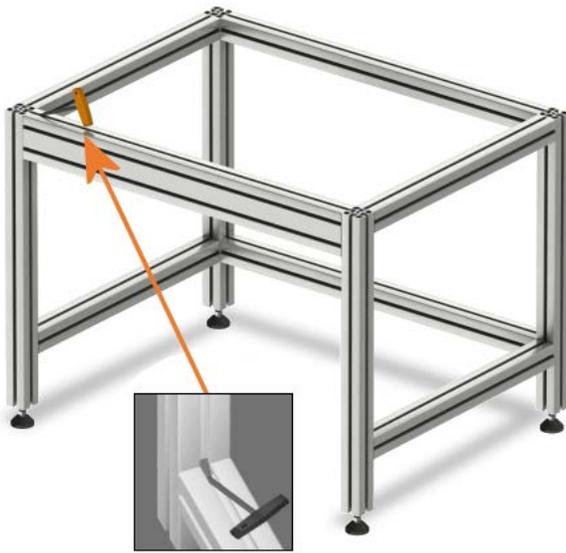
**Part Number Configuration – Quick Guard:**

Use Configurators and Catalog to develop part number for individual wall sections. On average a customer will save 10% on cost, save 40% on delivery time, and there is no approval process with this method.

- A. Use The on-line model configurator and develop both models and part numbers there.
- B. Generate a part number using the on-line order guides, to help generate section part numbers quickly.
- C. Contact Technical Support for Modular Guarding Solutions and they can help you develop part numbers for your applications.

Once Your part number configuration is complete you, we can easily quote and sell individual wall sections like traditional components.





**Build anything fast using our large assortment of T-slot aluminum extrusion, along with various fastening options.**

### Self Assembly

Our sales team and engineers will help with complete solutions. If your team is able to do the final assembly, we can supply a kit with all the parts and assembly drawings to you. Kits can be more easily shipped than complete assemblies.

#### Your packet will contain:

- A complete bill of materials
- Assembly and CAD detail drawings
- Tips of inserting hidden fasteners
- A list of recommended construction tools.

Most assembly instructions can be found in the catalog by looking up the part number or part name. If you need any further assistance please call to speak with a trained Technical Support representative.

### Installation Option

Our installation team can assemble guarding on your shop floor after it is pre-fabricated at Modular Guarding Solutions.

To ensure a safe, efficient installation, we ask that a clear area be provided and that any portable equipment be removed from the installation area. We provide our own tools and safety equipment to properly complete the job.

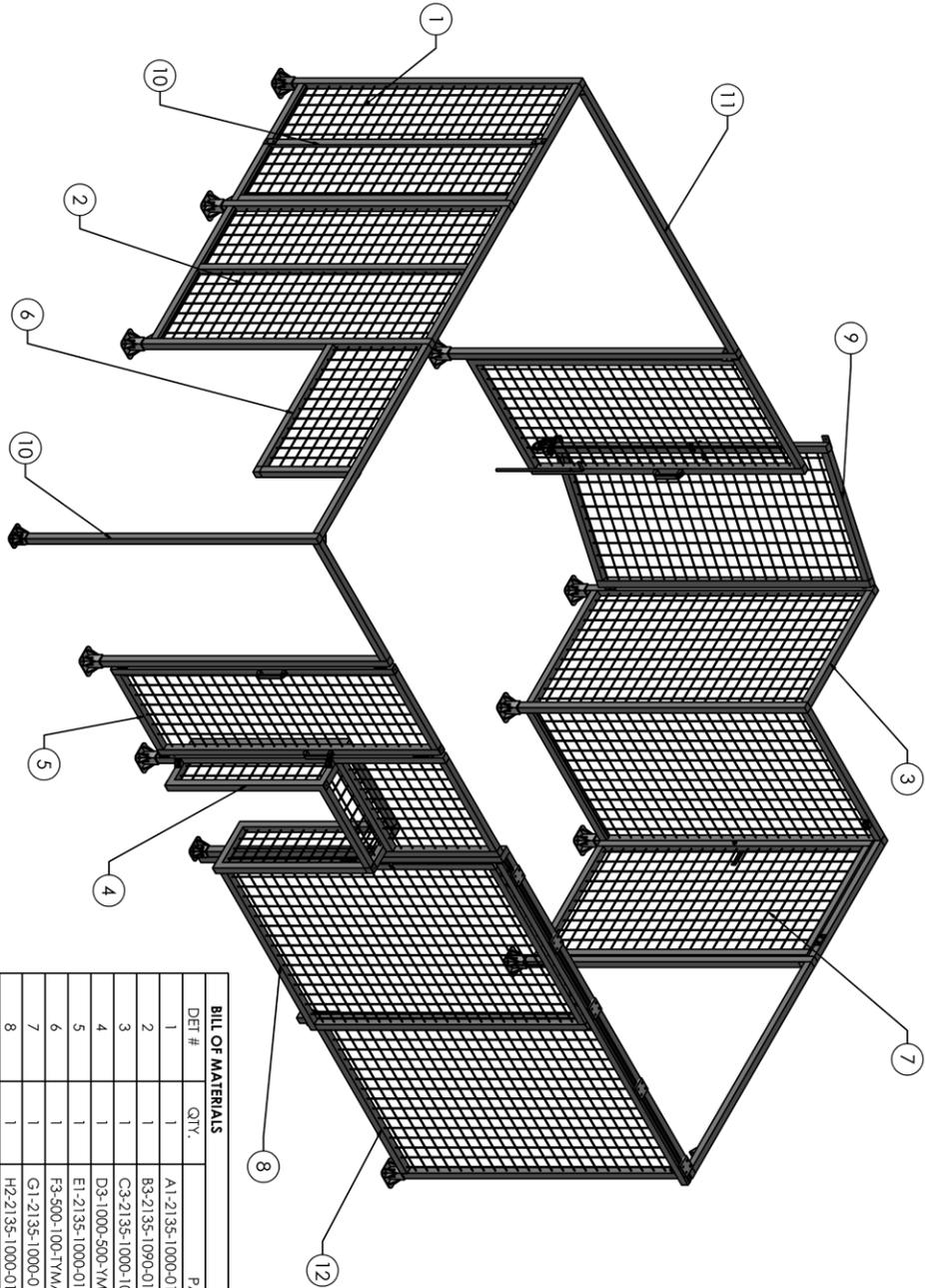
The customer is responsible for supplying up-to-date drawings and/or available information as requested.

Once the system is fully installed and/or operational, as described, Modular Guarding Solutions can provide support if needed.



### Assembly instructions

1. Secure the extrusion by clamping it down to a table or work stand. This will prevent the extrusion from twisting or turning when driving in the hidden fastener.
2. Put the M8x25mm BHCS through the hidden fastener block, oriented so that the underside of the head of the screw is resting on the long flat surface of the hidden fastener block.
3. Use a power drill and an M5 driver to run hidden fasteners into the center hole in the end of each connecting horizontal profile piece. You do not have to tap the end. The screws will self-thread into the aluminum. Orient multiple hidden fasteners in the same direction to each other, allowing them to slide into parallel T-slots. For 45mm x 90mm and larger extrusions, where more than one hidden fasteners will be at each end, they must be opposite each other. Example: 90mm x 90mm has four hidden fasteners at each end. On one end, two will be facing in one direction, and two will face the opposite direction. This will allow hidden fastener to slide into the extrusion together.
4. **DO NOT RUN THE HIDDEN FASTENER DOWN TIGHT. THE HIDDEN FASTENER SHOULD HAVE ROUGHLY A 1/16" (2mm) MOVEMENT IN IT.** When attaching pieces to each other you will be able to tell if the hidden fastener is too tight (the hidden fastener will not slide very well into the t-slot) or too loose (when you tighten the set screw the two pieces will not be touching).
5. When attaching pieces that has hidden fasteners at each end, it is usually desirable to have them facing up or down depending on accessibility. Example: A table with four legs will have horizontal pieces connecting the legs. If the hidden fasteners are all facing upward and are tightened, when the tabletop is installed there will be no way to get at the hidden fasteners without removing the top.
6. When using hidden fasteners with any type of panel element, it is best (if possible) to face the hidden fasteners away from the panel being used in the t-slot. This will allow for tightening without having to cut the corner off the panel.
7. Attach the top pieces first. Face hidden fasteners away from where the mesh will be.
8. Slide the mesh into the t-slots and install bottom pieces with the hidden fasteners facing away from the mesh. Standard sweep height from the bottom should be 6" (150mm).
9. Cut the gray distance profile to size with diagonal cutters and install on the outside of the guard. The plastic should push into the t-slot and help lock mesh into place. Sometimes it is necessary to pound the Distance Profile in with a rubber hammer; if so use a plastic or wooden block of some kind so as not to damage the panel.
10. The yellow cover profile can be cut and installed on the face of the guard. Pound the Cover Profile in with a rubber mallet. End caps can also be installed with a rubber mallet.
11. Install the feet using the hardware provided.



DET #	QTY.	PART #	DESCRIPTION
1	1	A1-2135-1000-0150-TYMFA	A1 STYLE GUARD SECTION
2	1	B3-2135-1090-0150-TYMFA	B3 STYLE GUARD SECTION
3	1	C3-2135-1000-1000-0150-TYMFA	C3 STYLE GUARD SECTION
4	1	D3-1000-500-TMFA	D3 STYLE GUARD SECTION
5	1	E1-2135-1000-0150-TYMFA	E1 STYLE GUARD SECTION
6	1	F3-500-100-TYMA	F2 STYLE GUARD SECTION
7	1	G1-2135-1000-0150-TYMA	G1 STYLE GUARD SECTION
8	1	H2-2135-1000-0150-TYMA	H2 STYLE GUARD SECTION
9	1	J2-2135-1000-0150-TYMA	J2 STYLE GUARD SECTION
10	1	K1-2135-TFA	K1 STYLE GUARD SECTION
11	1	L2-1500-1000-AVA	L2 STYLE GUARD SECTION
12	1	A1-2135-1000-0150-TYMFA	A1 STYLE GUARD SECTION

**MODULAR SOLUTIONS**

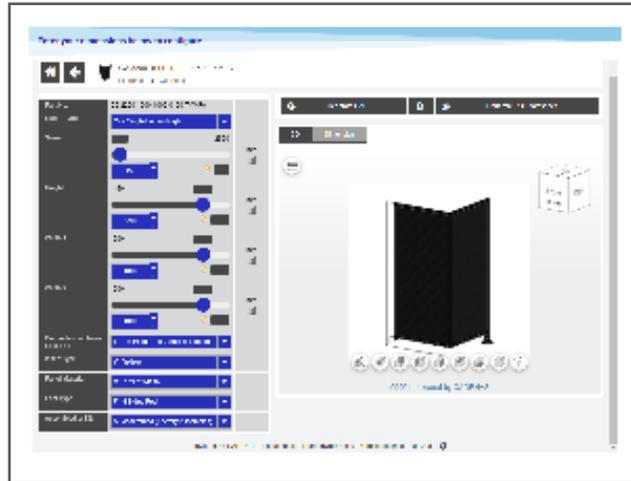
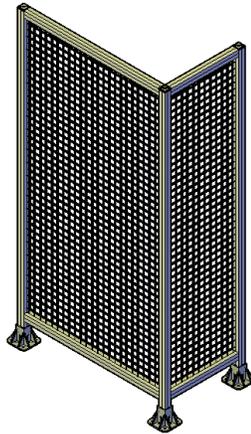
Modular Solutions  
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FSO # 10000001 DATE 01/01/2021  
PROJ # 123456 01/01/2021  
QTY. 1 01/01/2021  
DESIGNED xxx 01/01/2021  
RELEASED xxx 01/01/2021  
DRAWING NO. xxx

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### TYPE A - SINGLE WALL SECTION - HOW TO ORDER

Type	Height	Width	Sweep	Connection	Insert	Panel	Foot	Assembly
A1	1000	1000	0150	T	Y	M	F	A

#### SINGLE WALL TYPE (TYPE)

A1 - Leg on Left  
A2 - Leg on Right  
A3 - Leg on Both Sides  
A4 - No Leg

Height of Leg  
Measured from Bottom of Foot to the Top of the Board  
Max Panel Height = 2400 mm

WIDTH  
Width of Guard (mm)  
Max Width is 1200 mm  
Measured from Outside Edge to Outside Edge

SWEEP  
Sweep of Guard (mm)  
Measured from Bottom of Foot to the Bottom of the Board  
Sweep = Height - Panel Height

#### CONNECTION ON NON-FEET END (CONNECTION)

T - Top Plates Top, Angle at Bottom  
(The Plate Good for Straight Connection)

P - Top Plates Top & Bottom  
(Good for Adding a Panel to a Fence Section)

A - 45 Degree Angle on Top and Bottom  
(Angle good for 90 Degree Wall Connections)

H - Hinge  
(Design Good for 90 Degree Connection)

Z - No Connection (SIS on A3)

#### INSERT

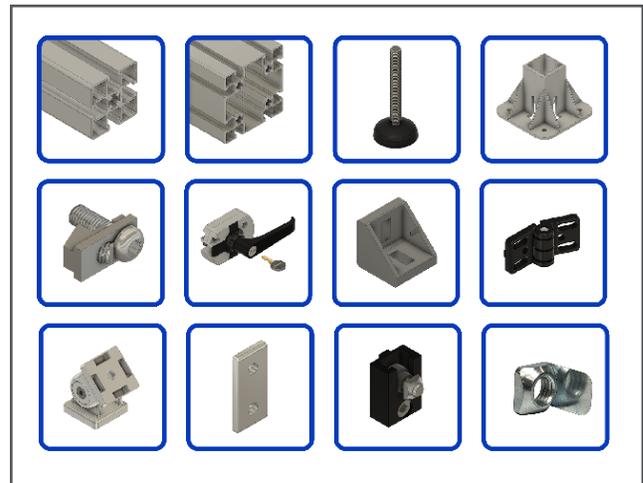
Y - Yellow Insert  
O - Orange Insert  
Z - None  
Powder Coated Extrusion Available on Request

#### PANEL MATERIAL (PANEL)

M - 1 Inch x 1 Inch Mesh  
P - 1/4 Inch Polycarbonate  
W - White - PVC Board  
V - Blue - PVC Board  
B - Black - PVC Board  
G - Grey - PVC Board  
C - 0.050 Aluminum Panel - Not Coated  
L - Aluminum Composite Panel  
R - No Panel W/ Retainer Insert (Thin)  
N - No Mesh W/ Retainer Insert (Thick)  
Z - No Panel  
Other Panels, Heads, & Colors Available Upon Request

#### FOOT TYPE (FOOT)

F - 4 Sided Foot (Min Sweep = 150mm)  
T - 3 Sided Foot (Can Be Adjusted at Install)  
P - 2 Inch Pad and Angle Bar  
A - Single Small Angle (45 x 90)  
Z - No Foot



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