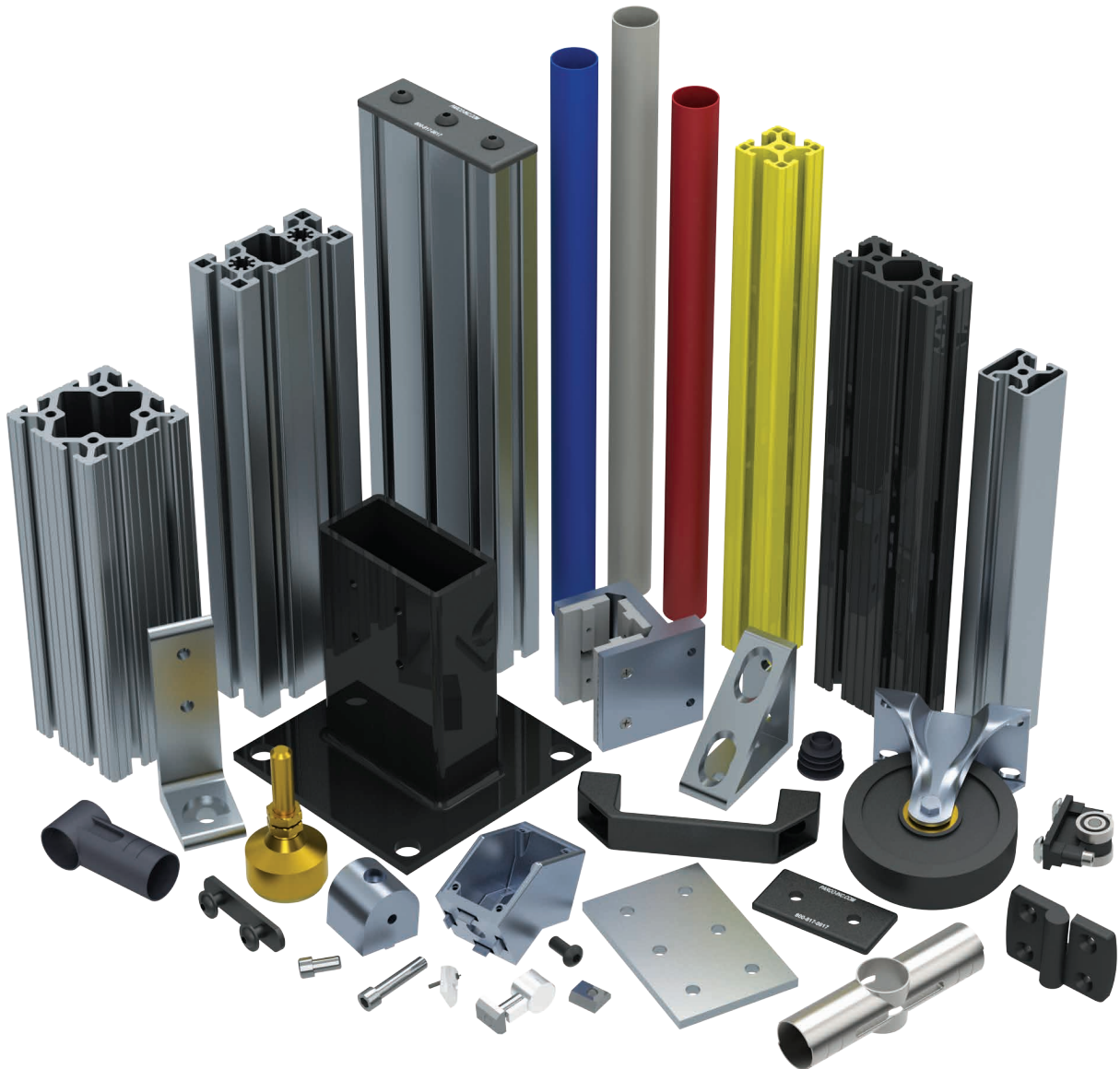




Your Best Alternative For T-Slotted Aluminum Extrusion

# PRODUCT OVERVIEW

1-800-867-0617



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

REV 2020-2

# Fractional

Our business revolves around t-slotted aluminum extrusion – its design, fabrication, and use in innovative products! We custom create many solutions for the manufacturing, automotive, and medical industries. Our fractional profiles are augmented and supported by thousands of component parts including; fasteners, joining plates, brackets, etc. This allows us to build and design unlimited project applications that are strong and flexible.

## Stock Lengths - 240", 120", 92" or Cut to Length

Some Extrusions Vary in Size. Check Catalog for Exact Sizes.

\* Extrusions in Stock for Quick Delivery

S - Smooth Extrusion  
G - Grooved Extrusion  
BA - Black Anodized  
YEL - Safety Yellow  
\* Extrusions In Stock



## 1" Profile

T-Slot Sizes - 6mm or 1/4-20 T-Nut + Bolt



1" x .5"  
\* E1050S



2" x .5"  
E2012S



1" x 1"  
\* E1010S  
\* E1010G  
E1010S-BA  
E1010G-BA



1" x 1" monoslot  
\* E1001S



1" x 1" bislot adj  
\* E1002S



1" x 1" bislot opp  
\* E1004S



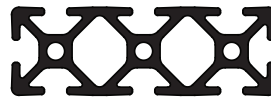
1" x 1" trislot  
\* E1003S



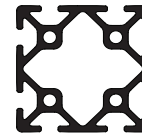
1" x 1" QR  
\* E1012S



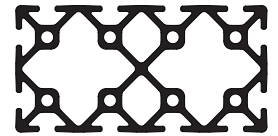
1" x 2"  
\* E1020S  
\* E1020G  
\* E1020S-BA



1" x 3"  
\* E1030S  
E1030S-BA



2" x 2"  
\* E2020S  
\* E2020G  
E2020S-BA



2" x 4"  
\* E2040S

## 1.5" Profile

T-Slot Sizes - 8mm or 5/16-18 T-Nut + Bolt



1.5" x .75"  
\* E1575S



3" x .75"  
\* E3075S



1.5" x 1.5"  
\* E1515S  
\* E1515G  
E1515S-BA



1.5" x 1.5" L  
\* E1515LS  
\* E1515LG  
\* E1515LS-BA



1.5" x 1.5" UL  
\* E1515ULS  
\* E1515ULG  
E1515ULS-YEL



1.5" monoslot  
\* E1501S  
E1501S-BA



1.5" bislot adj  
\* E1502S  
E1502S-BA



1.5" bislot opp  
\* E1504S  
E1504S-BA



1.5" x 1.5" trislot  
\* E1503S  
E1503S-BA



1.5" x 1.5" QR  
\* E1517S



1.5" x 3"  
\* E1530S  
\* E1530G  
E1530S-BA



1.5" x 3" L  
\* E1530LS  
\* E1530LG  
E1530LS-BA



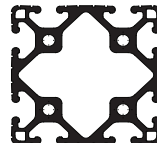
1.5" x 3" UL  
\* E1530ULS



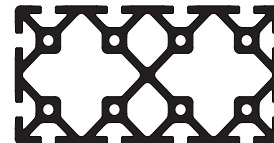
1.5" x 4.5"  
E1545S



3" x 3"  
\* E3030S  
\* E3030G  
E3030S-BA



3" x 3" L  
\* E3030LS  
\* E3030LG  
E3030LS-BA



3" x 6"  
\* E3060S



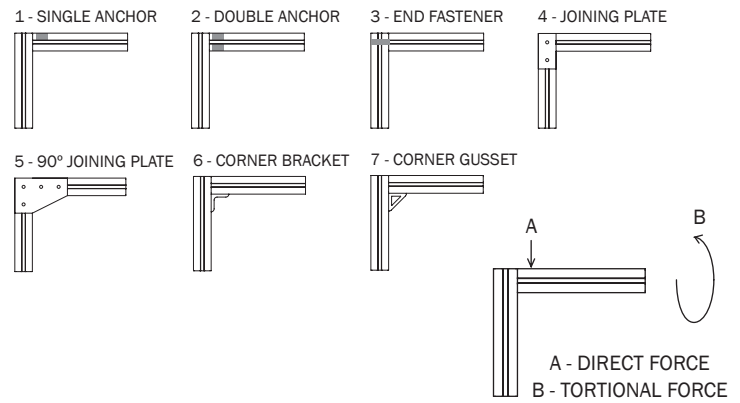
Yellow Powder Coated  
& Black Anodized  
available upon request

Visit our website for a complete catalog at [www.parco-inc.com](http://www.parco-inc.com)

## FASTENER APPLICATION TEST

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

\* All forces are approximate.



## FASTENERS



End Fasteners



Anchor Fasteners



Central Connectors



Economy &  
Standard T-nuts



Drop-in T-nuts &  
Z-nuts

## BRACKETS



Brackets



Corner Gussets



Joining Plates



Tri-Corners



Black Anodized Brackets

## HARDWARE



Handles



Hinges



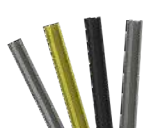
Economy  
Floor Mount



Leveling Feet



Casters



T-Slot Cover



Pivot Joints

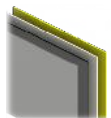


Latches

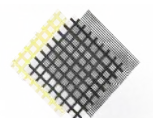


End Caps

## PANEL ACCESSORIES



Panels



Wire Mesh



Panel Gasket



Mesh Retainers



Panel Mounts

## LINEAR MOTION



Bearings



Roller Wheels

# Metric

We also offer 30mm, 40mm and 45mm T-Slotted aluminum extrusions. As always, we carry all of the structural components needed to build any number of solutions that are aesthetically pleasing and re-configurable.

**Stock Lengths - 2300mm, 3048mm, 6000mm or Cut To Length**

*\* Extrusions In Stock For Quick Delivery*

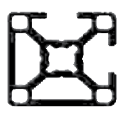
S - Smooth Extrusion  
BA - Black Anodized  
YEL - Safety Yellow  
*\* Extrusions In Stock*



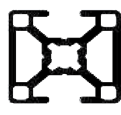
**30, 40, 45 Profile** T-Slot Sizes 8mm (30 & 40 series), 10mm (45 series)



30 x 30 mm  
\* E30-3030  
E30-3030-BA



30 x 30 mm bislot adj  
\* E30-3030-2SA



30 x 30 mm bislot opp  
\* E30-3030-2S



30 x 30 mm WG30  
\* E30-3030-WG30



30 x 30 mm WG40  
E30-3030-WG40



30 x 45 FG30  
E30-3045-30



30 x 45 FG40  
E30-3045-40



30 x 45 mm C-channel  
E30-3035C



30 x 60 mm R  
E30-3060R



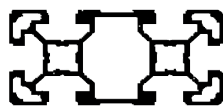
30 x 60 mm  
\* E30-3060



60 x 60 mm  
E30-6060



40 x 40 mm Slot 10  
E40-4040-10S



40 x 80 mm Slot 10  
E40-4080-10S



40 x 40 mm UL  
\* E40-4040UL



40 x 40 mm L  
\* E40-4040L  
E40-4040L-BA



40 x 40 mm  
\* E40-4040  
E40-4040-BA



40 x 40 mm monoslot  
\* E40-4001



40 x 40 mm bislot adj  
\* E40-4002



40 x 40 mm trislot  
\* E40-4003



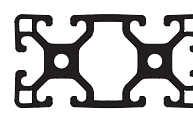
40 x 40 mm bislot opp  
\* E40-4004



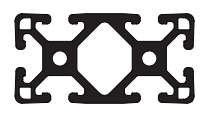
40 x 45 mm monoslot  
E40-4045L-01



40 x 45 mm bislot  
E40-4045L-02



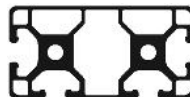
40 x 80 mm UL  
\* E40-4080UL  
E40-4080-BA



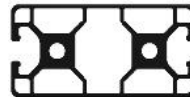
40 x 80 mm L  
\* E40-4080L  
E40-4080L-BA



40 x 80 mm  
\* E40-4080



40 x 80 mm L  
E40-4084L



40 x 80 mm L bislot opp  
E40-4085L



40 x 120 mm  
E40-4012



80 x 80 mm  
\* E40-8080



80 x 160 mm  
E40-8016



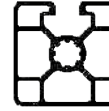
22.5 x 45 mm  
E45-22.545



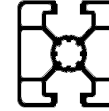
45 x 45 mm  
\* E45-4545L



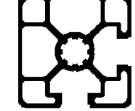
45 x 45 mm  
\* E45-4545



45 x 45 mm monoslot  
E45-4545-01



45 x 45 mm bislot opp  
E45-4545-2S



45 x 45 mm bislot  
E45-4545-2SA  
\* E45-4545L-YEL



45 x 45 mm trislot  
E45-4545-03



45 x 45 mm R  
E45-4545R



45 x 45 mm R  
E45-4545HR



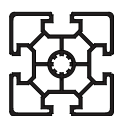
45 x 60 mm  
E45-4560



45 x 90 mm L  
\* E45-4590L



45 x 90 mm  
\* E45-4590



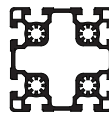
60 x 60 mm  
E45-6060L



60 x 60 mm  
E45-6060



60 x 90 mm  
E45-6090



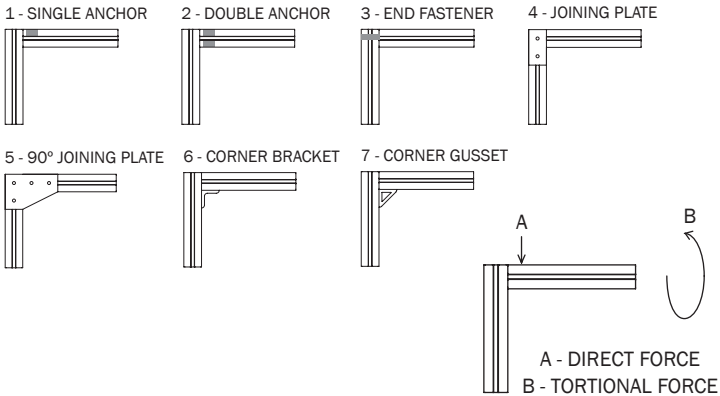
90 x 90 mm  
\* E45-9090  
E45-9090-BA



# FASTENER APPLICATION TEST

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

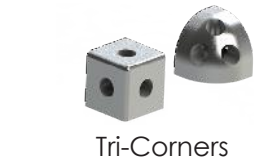
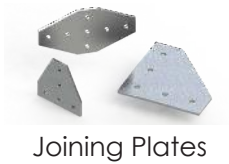
\* All forces are approximate.



## FASTENERS



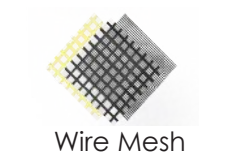
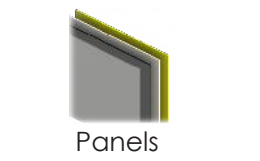
## BRACKETS



## HARDWARE



## PANEL ACCESSORIES

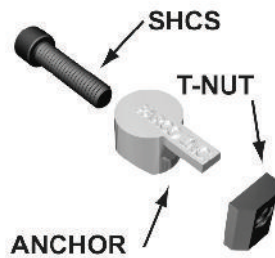


## LINEAR MOTION



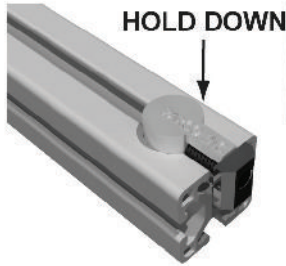
# Fastener Installation

## Anchor Fastener (Counterbore Machining Required)

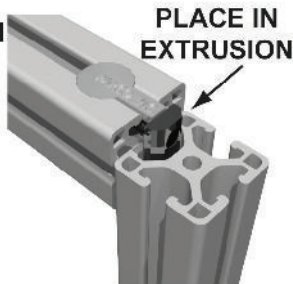


ANCHOR FASTENERS  
CONSIST OF THREE PARTS:

1. T-NUT
2. ANCHOR
3. SHCS



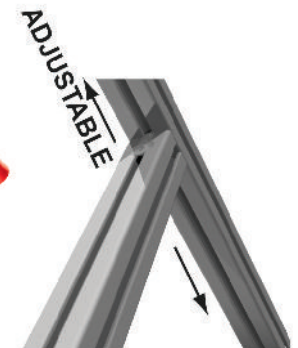
INSERT THE SHCS  
THROUGH THE ANCHOR AND  
PARTIALLY INTO THE T-NUT.  
PLACE THE ANCHOR  
ASSEMBLY INTO THE  
COUNTERBORE HOLE  
IN THE EXTRUSION.



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



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



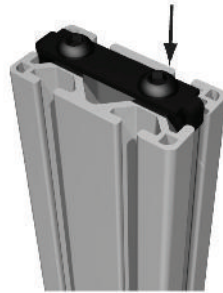
EXTRUSION CAN BE  
MOUNTED ANYWHERE  
ALONG JOINING EXTRUSION  
WITH ANCHOR FASTENER  
CONNECTION.

## End Fastener (Access Hole Machining Required)



END FASTENERS  
CONSIST OF TWO  
TYPES OF PARTS:

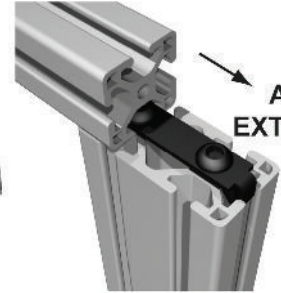
1. BHSCS (1 FOR SINGLE)
2. WING CLIP (DOUBLE  
OR SINGLE)



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



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

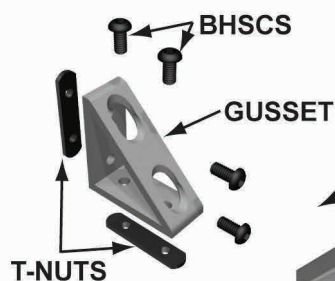


SLIDE THE JOINING  
EXTRUSION ONTO  
THE WING CLIP UNTIL  
THE ACCESS HOLES ARE  
ALIGNED WITH THE  
BHSCS'S.



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

## Corner Gusset (No Machining Required)

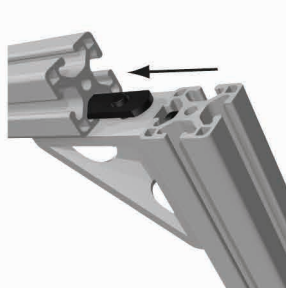


CORNER GUSSETS ARE  
COMPRISED THREE TYPES  
OF PARTS:

1. (4) BHSCS
  2. (2) DOUBLE ECON T-NUTS
  3. 4 HOLE CORNER GUSSET
- \*DIFFERENT TYPES OF  
GUSSETS ARE AVAILABLE.



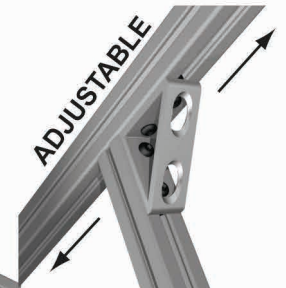
INSERT THE BHSCS'S  
THROUGH THE GUSSET  
AND LOOSELY INTO THE  
T-NUTS. BEGIN SLIDING  
THE GUSSET ONTO THE  
EXTRUSION WITH THE  
T-NUT IN THE T-SLOT.



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



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



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



# Custom Built To Your Specifications

We offer solutions for many applications in the medical, automotive, and manufacturing industries – solutions that increase productivity, product workflow, and the safety of your valued employees. From start to finish, we can provide you with a full-service experience. Need help with a custom project? No problem! Our engineering team specializes in creating custom designs utilizing our unique Solidworks plug-in. We offer this service free of charge! From there, our fabrication and assembly departments will cut, machine, and build to your exact specifications.



Mobile Printer Stands



Mobile Carts



Machine Enclosures



Magnetic Dry Erase Boards



Ergonomic Workstations



Platforms & Stairs

## Pre-Engineered Machine Safety Guarding

With Parco's Pre-Engineered Machine Safety Guarding, the majority of the work is done for you. Simply measure the outline of the area you need to guard and decide what style you need. Add up the LNFT with your door options and in seconds you have the price for your system. Parco can have your product to you within days. The guarding is easy to install too. An average 14" x 18" perimeter guard will only take approximately 3-4 hours to fully install on your plant floor. This saves you time and, more importantly, money.



EASY TO  
PRICE\*

SIMPLE TO  
ASSEMBLE

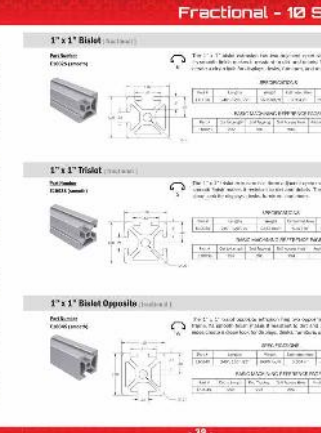
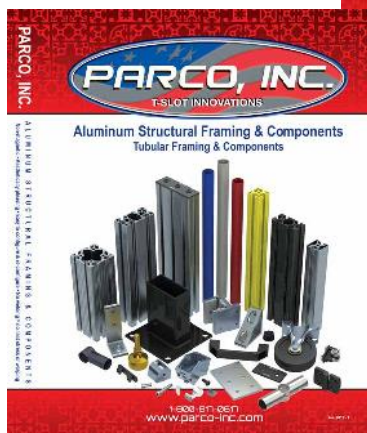
\*Find DIY pricing at [www.parco-inc.com](http://www.parco-inc.com)

THE QUICKEST MACHINE GUARD TO PRICE AND INSTALL IN THE INDUSTRY!

# Kwik Tube Framing System



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