

Effective. Ergonomic. Economical.



Pre-Engineered Machine Safety Guarding



Providing Quick & Affordable Safety Solutions for the
Manufacturing, Medical, Automotive Industry & More

1 (800) 817-0617

www.parco-inc.com

REV 2020-1

PARCO, INC.

T-SLOT PRE-ENGINEERED SAFETY GUARDING CATALOG
Non-magnetic. Aesthetically pleasing. Easy to configure & re-configure. No welding = no heat stress or warping.

Simple & Flexible Safety Guarding

Over 15 years of building custom products from T-Slotted Aluminum Extrusions means you'll find the best solutions for your machine and perimeter guarding at Parco, Inc.

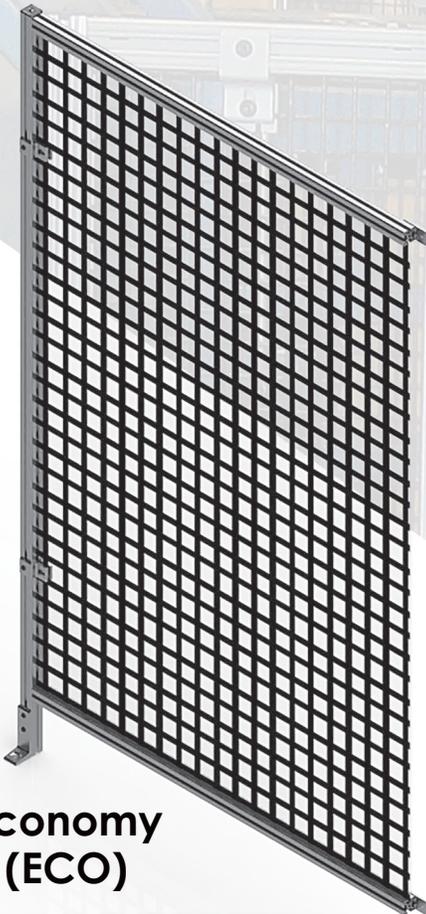
Parco's pre-engineered safety guarding offers a wide range of solutions for machine, robotic, welding cells, MRO parts area, automated lines, and much more. The P.E.S.G. will create a safe physical barrier between moving parts and your employees. It also meets OSHA and ANSI requirements for safety.

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

With Parco's Pre-Engineered 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 P.E.S.G 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 from a lengthy, unproductive downtime.

Parco has built and designed hundreds of guarding units that keep employees safe in their workplace. Our capabilities include 50 years of combined experience from our design and manufacturing departments, helping you get the guarding or fencing unit that you need. We have a 100% satisfaction guarantee on all of our products. From designing your partition system, to the machining and delivery of your pre-assembled unit, no one does it faster or better than us.

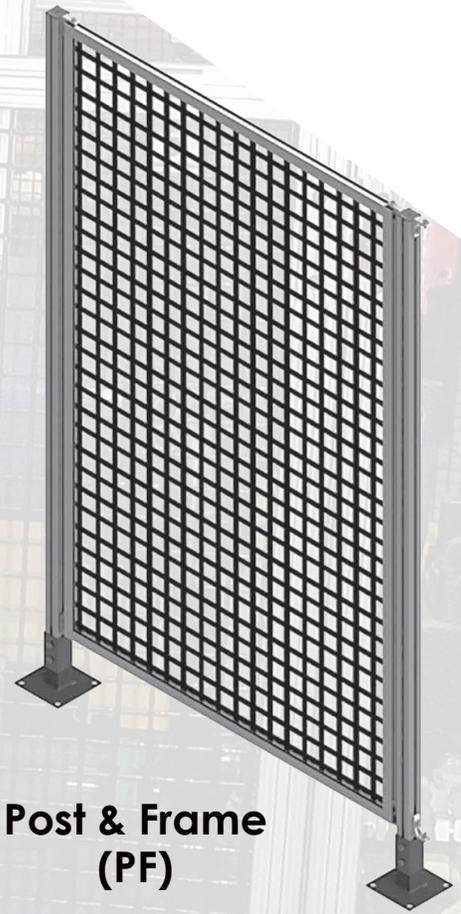
Simply Pick the Style That Best Fits Your Application...



**Economy
(ECO)**



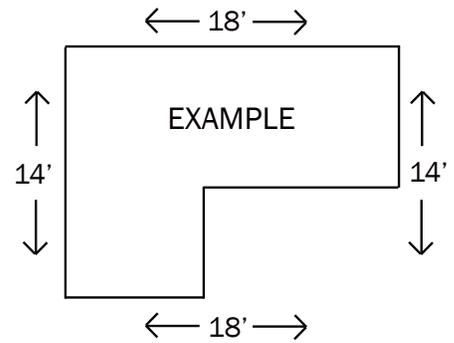
**Heavy Duty
(HD)**



**Post & Frame
(PF)**

Build & Price Your P.E.S.G In 5 Easy Steps

- 1 Get the perimeter dimensions by measuring around the unit you want to guard. Don't forget to add space so maintenance workers can service the machine, if needed.
- 2 Select the style of safety guarding that best suits your needs.
Economy = ECO; Heavy Duty = HD; Post & Frame = PF
- 3 Add up your total - LNFT x Style = Total Guard Cost
- 4 Choose your door if necessary.
Economy = ECO; Heavy Duty = HD; Post & Frame = PF
- 5 Add the door cost to your total guard cost to get your final sum.



Total perimeter guard dimensions = 64 LNFT

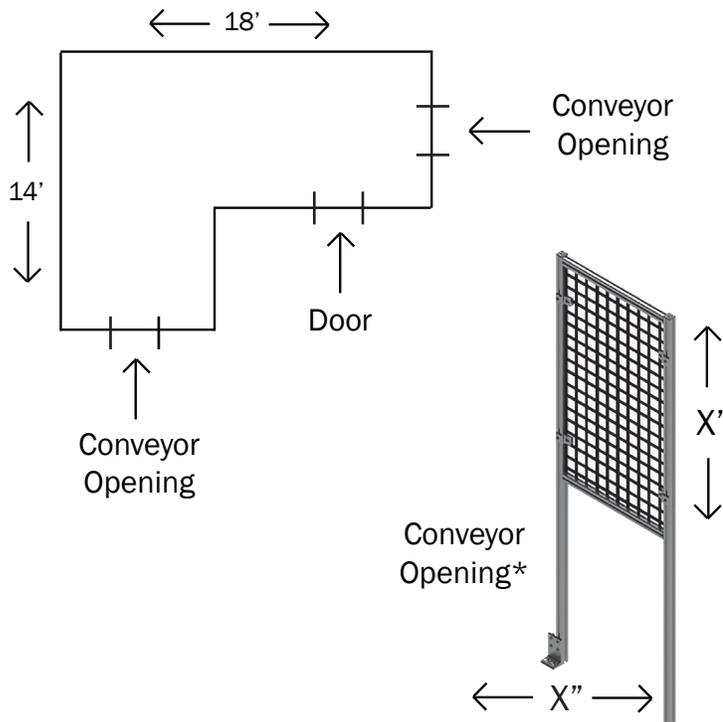
In example:

| | | | | | | | | |
|----------------------------------|---|--------------------------|---|-------|---|----------------------|---|---------------------|
| <u>TOTAL Perimeter Dimension</u> | | <u>Style of Guarding</u> | = | Total | + | <u>Optional Door</u> | = | GRAND TOTAL* |
| 64 LNFT | x | ECO-BW | | | | ECO-BW | | |

*DIY pricing available at www.parco-inc.com

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

To order, simply send in an overhead view of your layout with the measurements and any details for door location and/or conveyor openings in fencing along with your chosen style of guarding.



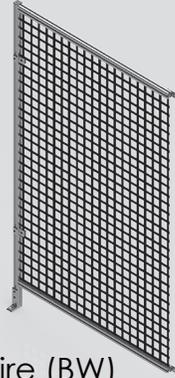
*Conveyor opening size and height will depend on your provided measurements.

Economy Guarding

The Economy Framing System is designed for the price conscious consumer. They are solid, safe panels that are aesthetically pleasing and fully modular. Using the pre-engineered panels of varying heights and widths will allow you to quickly and easily put together your safety guarding, meaning you can save money on installation costs. We use our 1.5" x 1.5" structural aluminum framing for this system.

Wire Mesh & Polycarbonate Panel Options

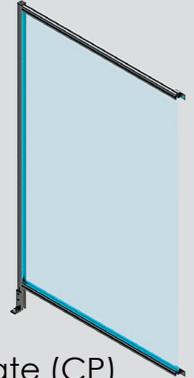
**ALL OF OUR
MACHINE
GUARDING
MEETS OR
EXCEEDS
OSHA & ANSI
REQUIREMENTS.**



Black Wire (BW)
1 x 1" black PVC coated wire mesh



Yellow Wire (YW)
1 x 1" yellow PVC coated wire mesh

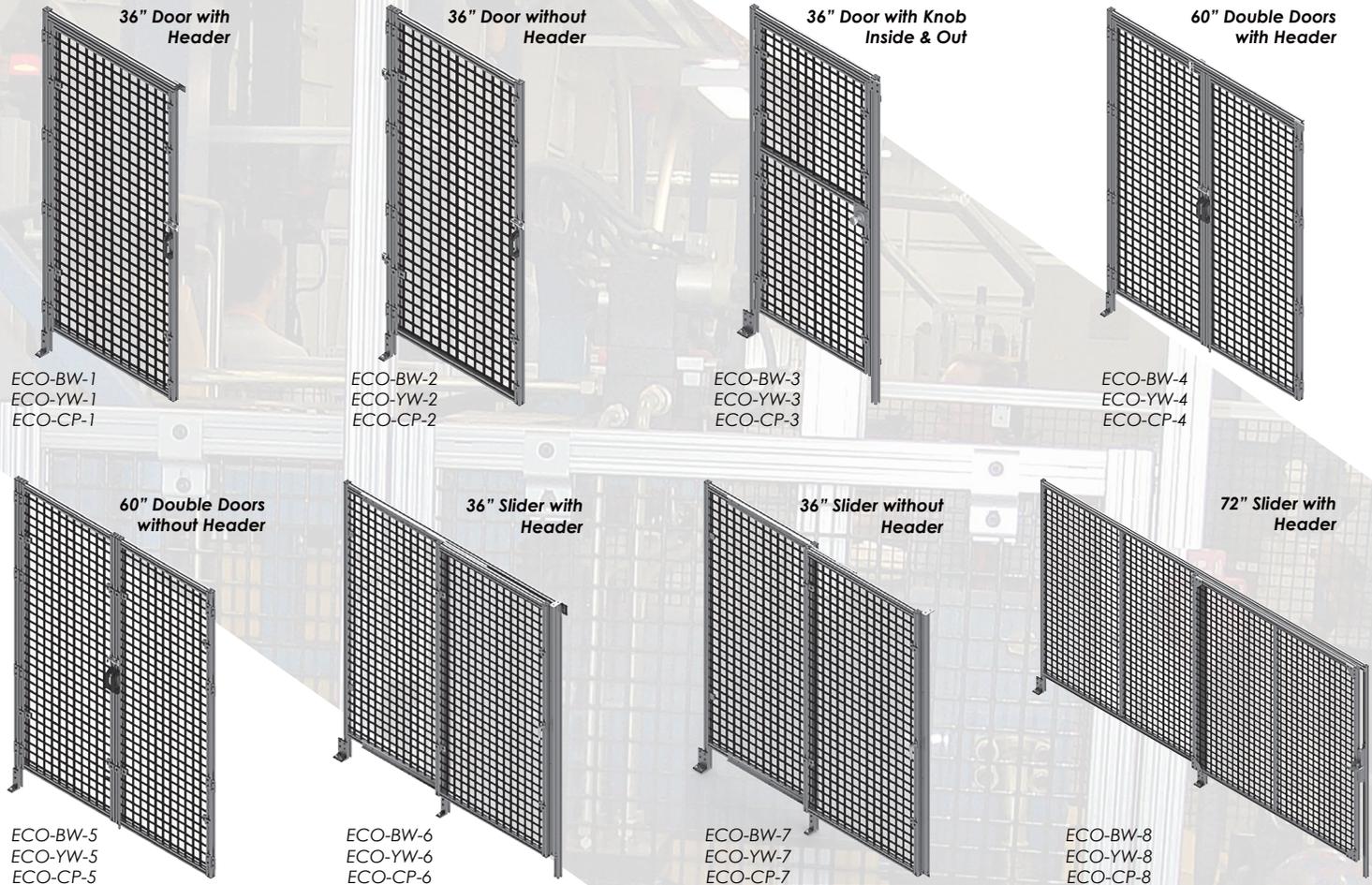


Clear*
Polycarbonate (CP)
3/16" Clear Polycarbonate

*Note: Clear Polycarbonate appears blue in catalog for viewing purposes only. Actual product is truly clear.

Door Options

All door options will match the chosen panel option by default unless specified otherwise. Custom door options are available by request.

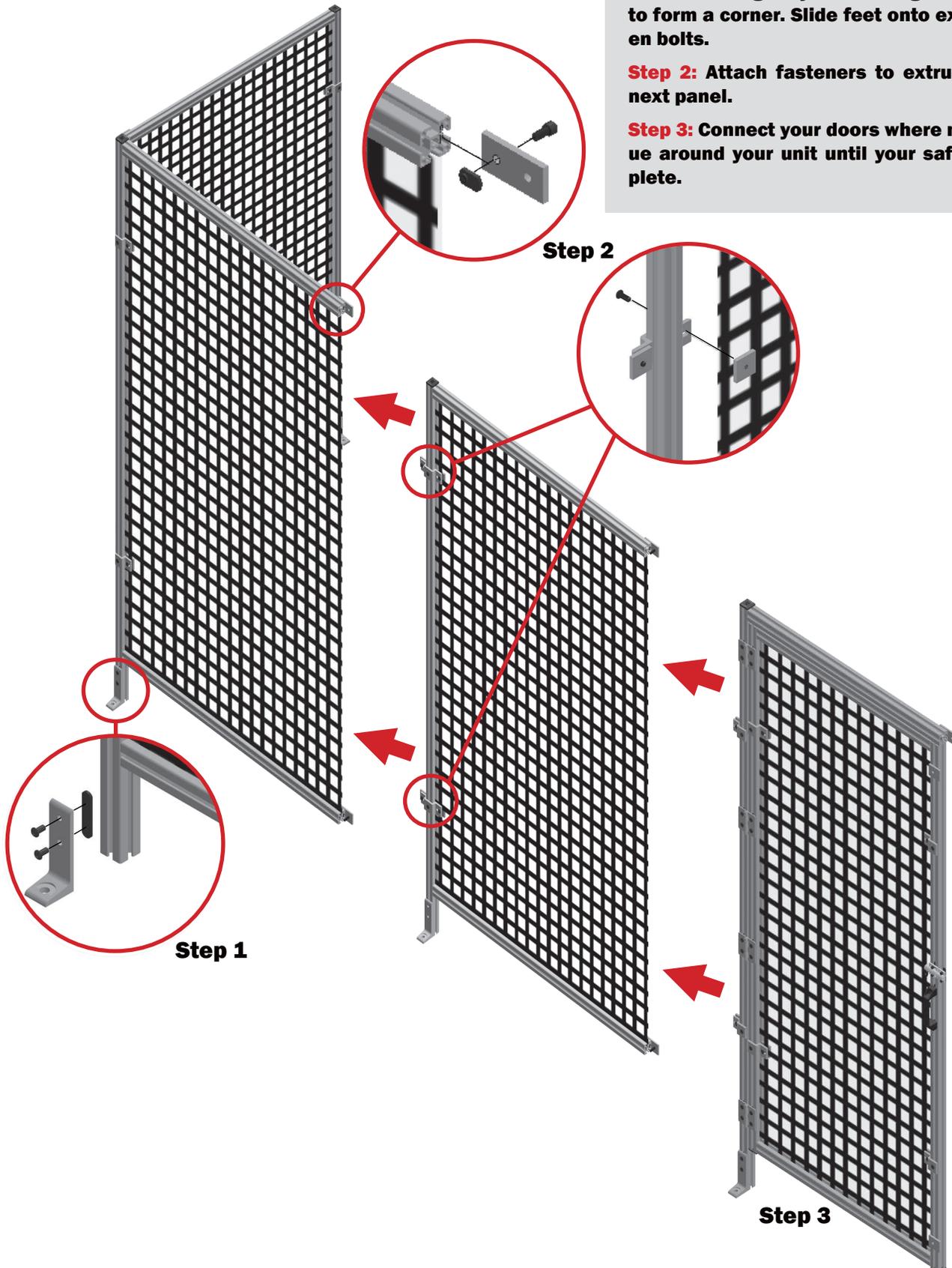


Economy Assembly Guide

Step 1: Panels will be stacked. Remove panels from stack and begin by connecting two panels together to form a corner. Slide feet onto extrusion and tighten bolts.

Step 2: Attach fasteners to extrusion and connect next panel.

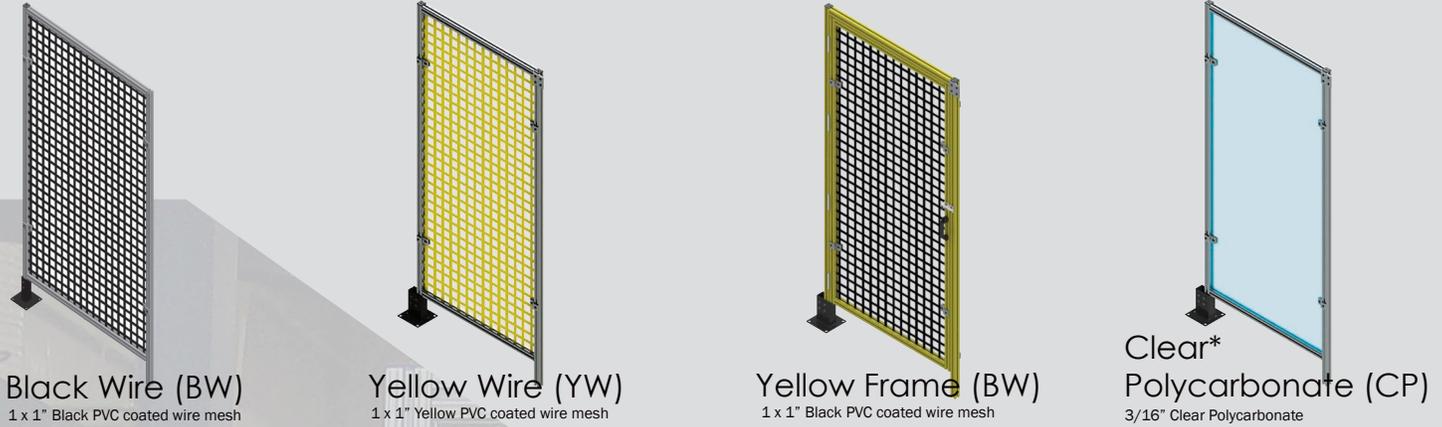
Step 3: Connect your doors where necessary. Continue around your unit until your safety guard is complete.



Heavy Duty Guarding

The HD guarding system is our quickest to install and our strongest. The HD system utilizes the same safe, strong T-slotted aluminum extrusions that allow for wire mesh or polycarbonate panels. Hinges, handles, and leveling can also be easily added to the structure. The HD guarding uses full-frame panels that simply slide into the foot of the panel next to it. Just add on a joining plate and you're on to the next section. We use our 1.5" x 1.5" structural aluminum framing for this system.

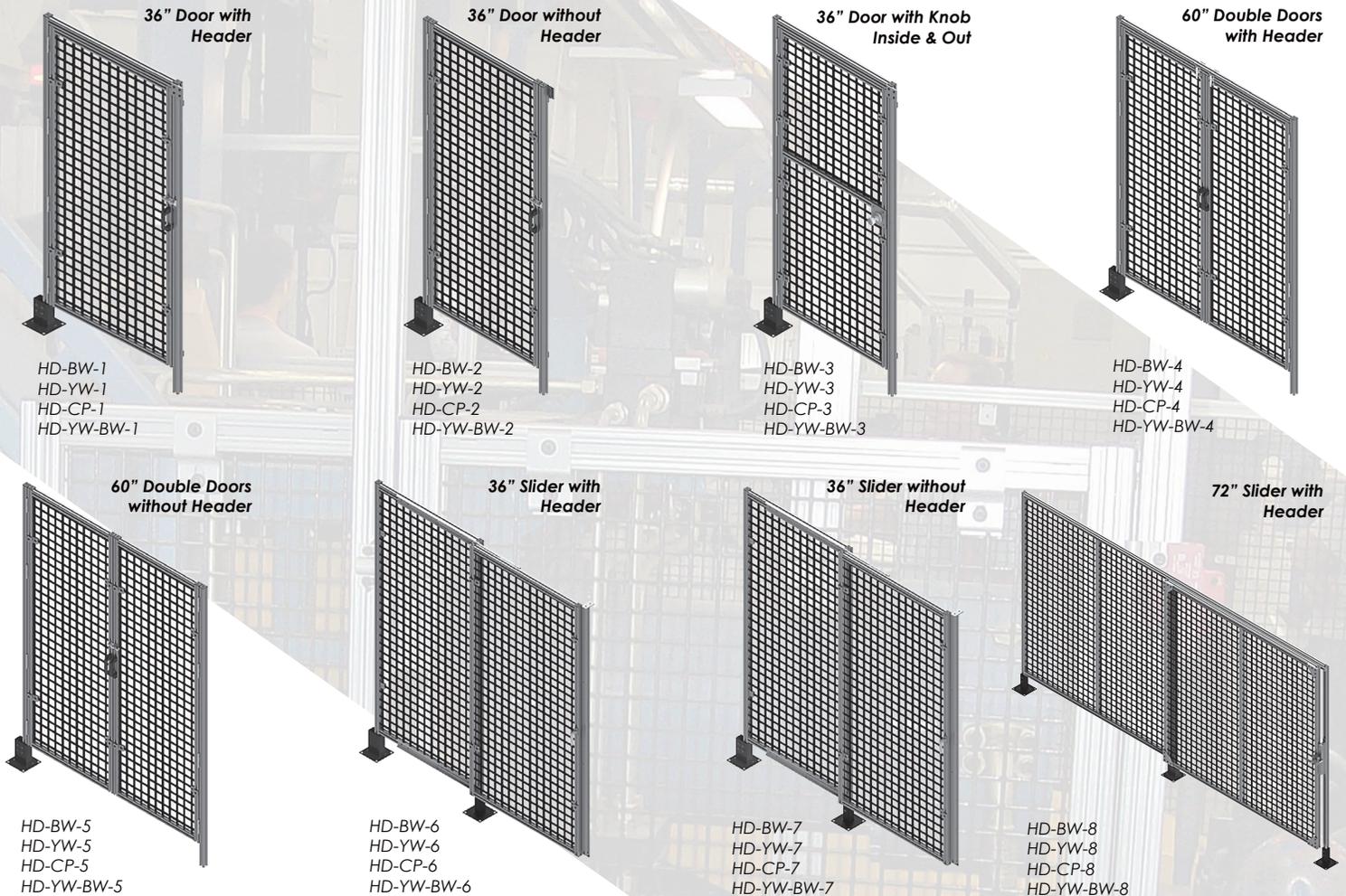
Wire Mesh & Polycarbonate Panel Options



*Note: Clear Polycarbonate appears blue in catalog for viewing purposes only. Actual product is truly clear.

Door Options

All door options will match the chosen panel option by default. Custom door options are available by request.



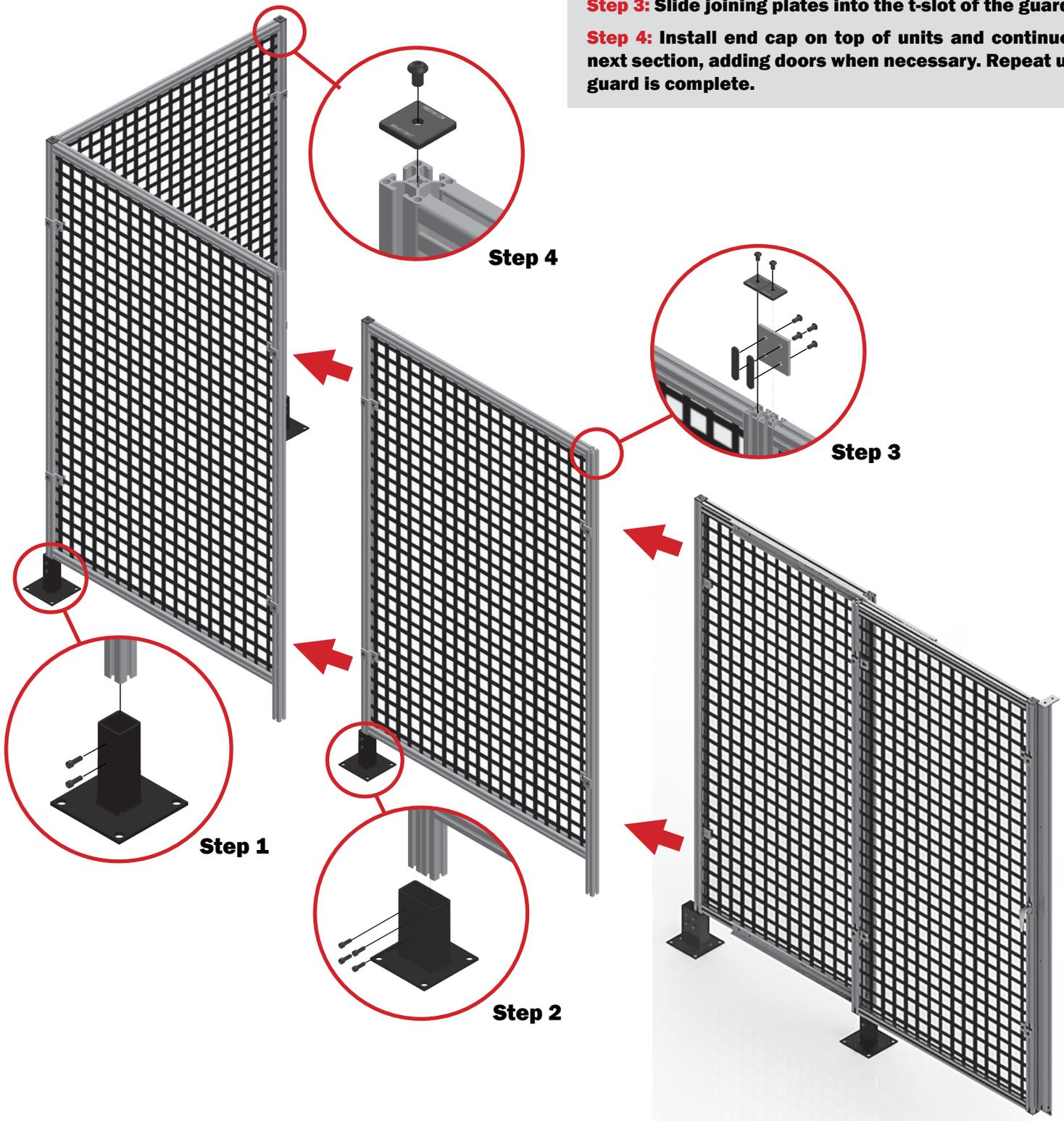
Heavy Duty Assembly Guide

Step 1: Panels will be stacked. Remove panels from stack and begin by connecting two panels together to form a corner. Slide extrusion into feet and tighten bolts.

Step 2: Place the safety guard into the foot of the panel next to it.

Step 3: Slide joining plates into the t-slot of the guard.

Step 4: Install end cap on top of units and continue to next section, adding doors when necessary. Repeat until guard is complete.

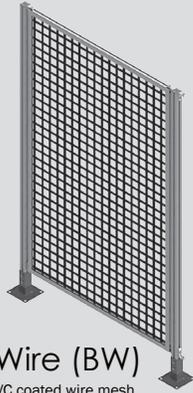


Post & Frame Guarding

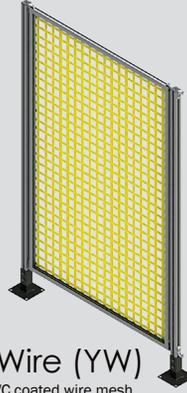
Parco's post and frame guarding is the taller guarding option. The post and frame system is perfect for use as part cages, machine enclosures, perimeter safety guards, fencing barriers, and as robotic guarding. The T-slotted aluminum extrusions create an upright for the wire and polycarbonate panels and allow for frame to floor hardware to strongly secure the structure to your floor. We use our metric 45mm x 45mm structural aluminum framing or out 30mm x 30mm structural aluminum framing for this system.

Mesh & Polycarbonate Panel Options

**THE QUICKEST
SAFETY GUARD
TO PRICE AND
INSTALL IN THE
INDUSTRY!**



Black Wire (BW)
1 x 1" black PVC coated wire mesh



Yellow Wire (YW)
1 x 1" yellow PVC coated wire mesh



Clear*
Polycarbonate (CP)
3/16" Clear Polycarbonate

*Note: Clear Polycarbonate appears blue in catalog for viewing purposes only. Actual product is truly clear.

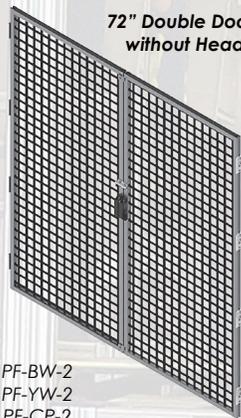
Door Options

All door options will match the chosen panel option by default. Custom door options are available by request.



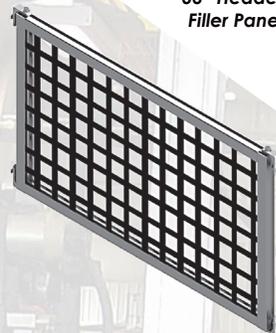
**36" Door with
Header**

PF-BW-1
PF-YW-1
PF-CP-1



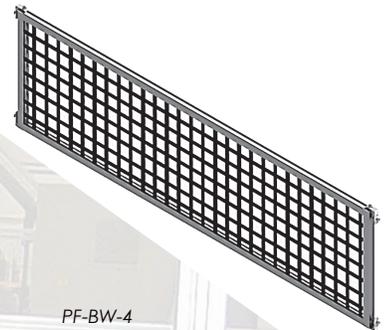
**72" Double Doors
without Header**

PF-BW-2
PF-YW-2
PF-CP-2



**36" Header
Filler Panel**

PF-BW-3
PF-YW-3
PF-CP-3



**72" Header
Filler Panel**

PF-BW-4
PF-YW-4
PF-CP-4

ALL OF OUR SAFETY FENCING MEETS OR EXCEEDS OSHA AND ANSI REQUIREMENTS. OUR POST & FRAME GUARDING WILL ALSO MEET NAAMS STANDARDS. PARCO INC. IS COMMITTED TO PROVIDING THE HIGHEST QUALITY PRODUCTS AT AFFORDABLE PRICING AND QUICK DELIVERIES AS WELL AS HELPING YOU TO KEEP YOUR WORKPLACE AS SAFE AND PRODUCTIVE AS POSSIBLE.

CUSTOM SOLUTIONS ARE AVAILABLE UPON REQUEST.

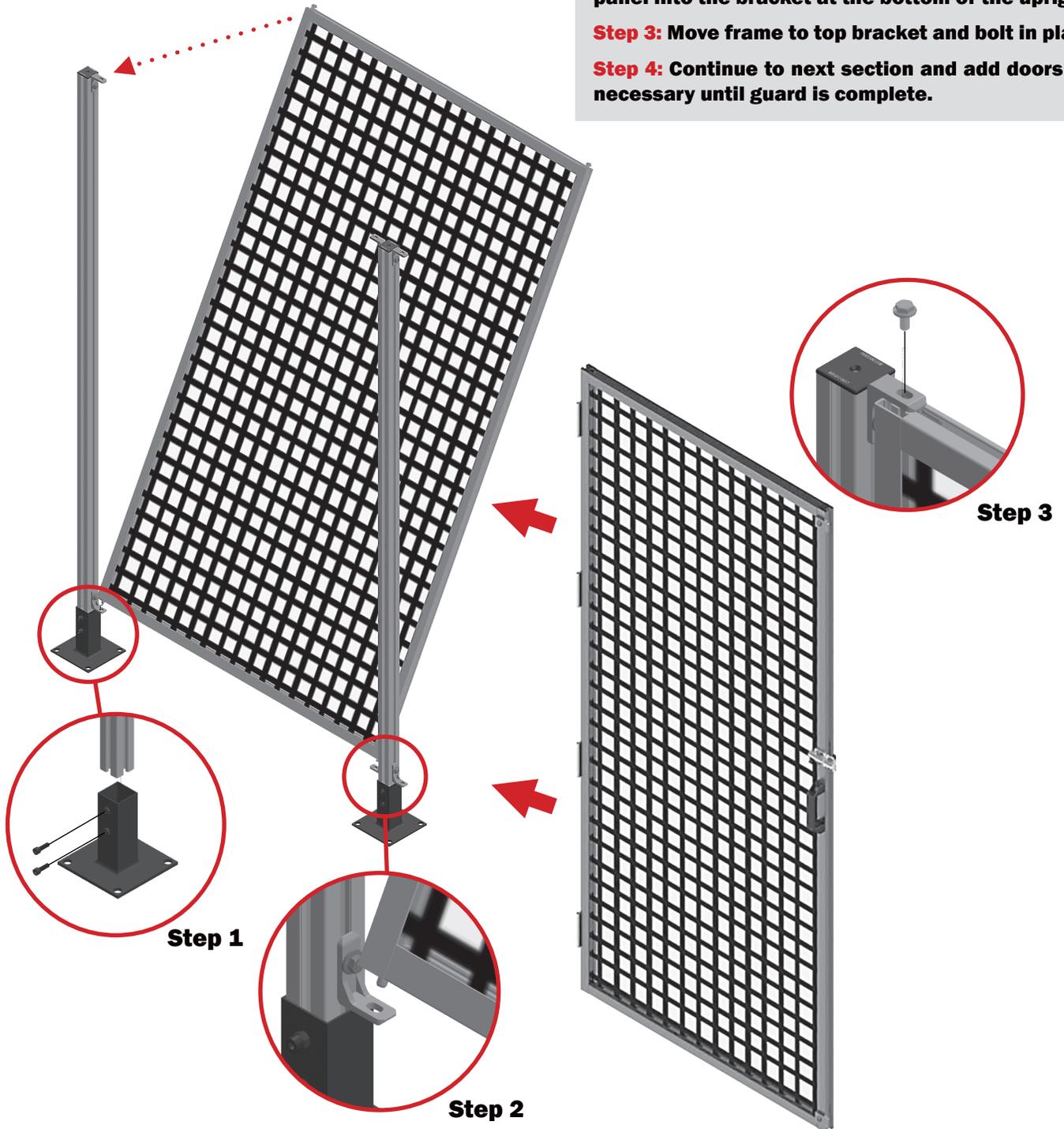
Post & Frame Assembly Guide

Step 1: Start with a corner by locating the correct upright and sliding a steel foot onto it.

Step 2: Keeping the panel at an angle, place the frame panel into the bracket at the bottom of the upright.

Step 3: Move frame to top bracket and bolt in place.

Step 4: Continue to next section and add doors where necessary until guard is complete.



Parco Inc. offers much, much more!

We also 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

PARCO, INC.
T-SLOT INNOVATIONS

ALUMINUM STRUCTURAL FRAMING & COMPONENTS
Tubular Framing & Components

1-800-871-9151
www.parco-inc.com

Download our complete catalogs at www.parco-inc.com

Fractional - 10 Series

1" x 1" Bislot (fractional)
Part Number: E3002 (smooth)

1" x 1" Trislot (fractional)
Part Number: E3003 (smooth)

1" x 1" Bislot Opposite (fractional)
Part Number: E3004 (smooth)

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Welcome to Parco!
WHY CHOOSE PARCO T-SLOTTED ALUMINUM EXTRUSION FOR YOUR NEEDS?

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

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

PARCO, INC.'S FULL LINE OF CATALOGS

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

Call for local support from distributors in your area.

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

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

Download all of our catalogs from www.parco-inc.com

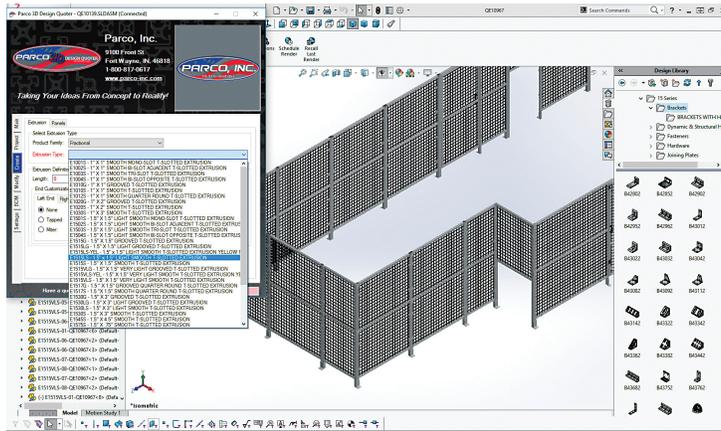
DIY pricing also available online

The only limit to what you can create is your imagination.

Our kitting process makes assembly easy!

Assemble your project with ease!

Parco can send your product in kit form, which includes all cut-to-length extrusion machined to your specifications, and all hardware needed for your project. Kits are sent with a tagged drawing of the extrusion for easy assembly.



Send us your ideas!

Parco's experienced team of CAD designers can bring your ideas to life. Just send us the details of your project and we'll provide you with a CAD drawing of your design that will be sent as a PDF file to ensure every detail is covered. Our custom design service is free to our customers. We stand behind our products 100%. If it's not right, we'll make it right. Guaranteed!

Download our plug-in!

As a leader in the design software industry, SolidWorks is the perfect match for our 3D Design Quoter plug-in. Our plug-in gives unprecedented ability to create, design, and view your custom solutions using our extensive library of t-slotted aluminum and components. This minimizes downtime with the automatic generation of a bill of materials. Visit our website, www.parco-inc.com to request our 3D Design Quoter software download.

| REV | QTY | PARTNO | SIZE | UNIT | DESCRIPTION | UNIT COST | BUY |
|--------------|-----|-----------|------------|------|--|---------------|---------------|
| 1 | 1 | E1818VALR | 30,000 IN. | IN. | HYDRGGE LEFT HYDRGGE RIGHT HYDRGGE TYPE A IN R LEFT HYDRGGE TYPE A IN R RIGHT HYDRGGE TYPE A IN R LEFT HYDRGGE TYPE A IN R RIGHT | 26.38 | 60.7 |
| 1 | 2 | E1818VALR | 27,000 IN. | IN. | HYDRGGE LEFT HYDRGGE RIGHT | 14.38 | 45.1 |
| 1 | 1 | E1818VALR | 28,000 IN. | IN. | HYDRGGE RIGHT HYDRGGE TYPE A IN R LEFT HYDRGGE TYPE A IN R LEFT | 18.14 | 28.84 |
| 1 | 2 | E1818VALR | 22,000 IN. | IN. | HYDRGGE LEFT HYDRGGE RIGHT HYDRGGE IN R @ 14" | 14.38 | 28.76 |
| 1 | 2 | E1818VALR | 22,000 IN. | IN. | HYDRGGE LEFT HYDRGGE RIGHT | 14.43 | 28.86 |
| 1 | 1 | H00000 | EA. | EA. | 1.0" X 1.0" END CAP BLK/BLK | 7.99 | 8.4 |
| 1 | 4 | F01040 | EA. | EA. | 618-1/8 X 1/8" RUBBER | 0.38 | 1.18 |
| 1 | 1 | F02000 | EA. | EA. | 1/8" B BLACK ZINC FINISH PAN END CASTLENER W/ 5/16" B BLACK ZINC FINISH | 1.98 | 36.1 |
| 1 | 1 | M0100 | HR. | HR. | ASSEMBLY | 79 | 79 |
| TOTAL | | | | | | 146.43 | 306.41 |



Workplace hazards arise all the time. Exposed moving parts are just asking for trouble, even if employees follow procedure. Machines, such as drilling machines, power presses, circular saws, welding equipment, etc., all pose a potential threat to employees. Worker safety and well being should be at the top of your priority list.



With Parco, Inc., your employees will be protected from moving parts and harmful machinery. We will provide you with a strong and durable barrier that can withstand repetitive motion and vibration of moving parts. You can also rest assured knowing that your pre-engineered safety guarding meets requirements with OSHA and ANSI.



Your frames and guards can be designed by Parco to fit your specific needs, eliminating the need for unit modification. Easy installation means less down time. The strength of our aluminum extrusions creates longer product life so you don't need to worry about frequent, costly upgrades.

Parco, Inc. Pre-Engineered Safety Guarding is:

- Quick to measure & price
- Easily customizable
- Less Labor Intensive
- Re-configurable
- Versatile
- Strong & secure
- Cost efficient
- Resistant to corrosion
- Modular
- Long lasting

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(800) 817-0617
9100 Front Street
Fort Wayne, IN 46818

