

PARCO, INC.

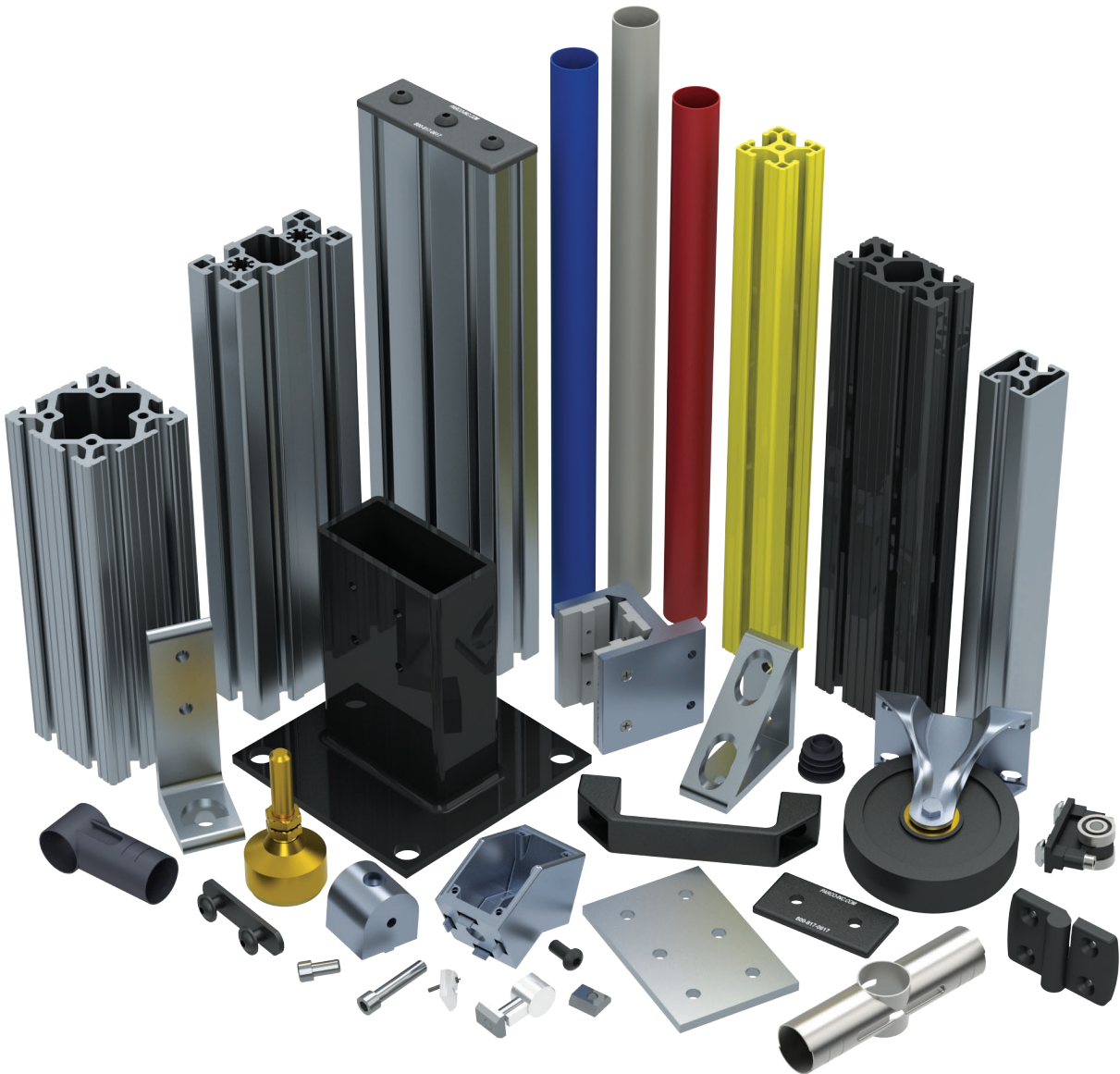
T - S L O T I N N O V A T I O N S O L U T I O N S C A T A L O G
Non-magnetic. Aesthetically pleasing. Easy to configure & re-configure. No welding = no heat stress or warping.



Your Best Alternative For T-Slotted Aluminum Extrusion

SOLUTIONS

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REV 2019-1










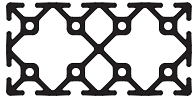

Fractional

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"

1" Profile


















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

 1" x 1" E1010S E1010G	 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
 1" x 3" E1030S		 2" x 2" E2020S E2020G	 2" x 4" E2040S			

S - Smooth Extrusion
G - Grooved Extrusion

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	 1.5" x 1.5" L E1515LS E1515LG	 1.5" x 1.5" UL E1515ULS E1515ULG	 1.5" x 1.5" monoslot E1501S	 1.5" x 1.5" bislot adj E1502S
 1.5" x 1.5" bislot opp E1504S	 1.5" x 1.5" trislot E1503S	 1.5" x 1.5" QR E1517S	 1.5" x 3" E1530S E1530G	 1.5" x 3" L E1530LS E1530LG	 1.5" x 3" UL E1530ULS	
 1.5" x 4.5" E1545S		 3" x 3" E3030S E3030G	 3" x 3" L E3030LS E3030LG	 3" x 6" E3060S		












Yellow Powder Coated & Black Anodized available upon request

Metric

Stock Lengths - 6M, 3.048M, 2.3M

40mm Profile

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

 40 x 40 mm E40-4040	 40 x 40 mm L E40-4040L	 40 x 40 mm UL E40-4040UL	 40 x 40 mm bislot opp E40-4004	 40 x 40 mm bislot adj E40-4002	 40 x 40 mm trislot E40-4003	 40 x 80 mm E40-4080
 40 x 80 mm L E40-4080L	 40 x 80 mm UL E40-4080UL	 80 x 80 mm E40-8080	 80 x 160 mm E40-8016			

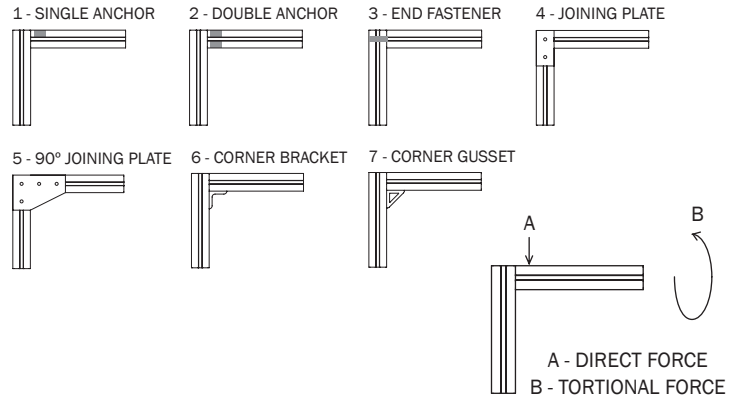
Yellow Powder Coated & Black Anodized available upon request

Visit our website for a complete catalog at 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



Bolts



Economy & Standard T-nuts



Drop-in T-nuts & Z-nuts

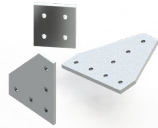
BRACKETS



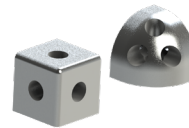
Brackets



Corner Gussets



Joining Plates



Tri-Corners

HARDWARE



Handles



Hinges



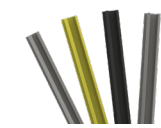
Economy Floor Mount



Leveling Feet



Casters



T-Slot Cover



Pivot Joints



Latches

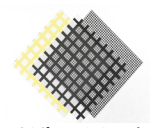


End Caps

PANEL ACCESSORIES



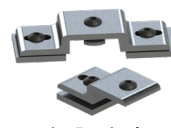
Panels



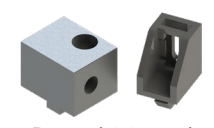
Wire Mesh



Panel Gasket



Mesh Retainers

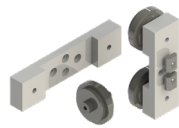


Panel Mounts

LINEAR MOTION



Bearings



Roller Wheels

B-Series

We also offer 20mm, 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 - 6M, 3.048M, 2.3M

20, 30, 40, 45 Profile

T-Slot Sizes 6mm (20 series), 8mm (30 series), 10mm (40 & 45 series)



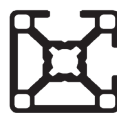
20 x 20 mm
E20-2020



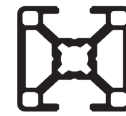
20 x 40 mm
E20-2040



30 x 30 mm
E30-3030



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 60 mm R
E30-3060R



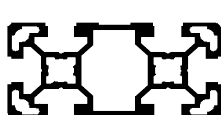
30 x 60 mm
E30-3060



60 x 60 mm
E30-6060



40 x 40 mm
E40-4040-10S



45 x 80 mm
E40-4080-10S



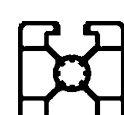
22.5 x 45 mm
E45-22.545



45 x 45 mm
E45-4545L



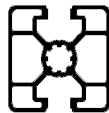
45 x 45 mm H
E45-4545



45 x 45 monoslot
E45-4545-01



45 x 45 mm bislot adj
E45-4545-2SA



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



45 x 45 trislot
E45-4545-03



45 x 45 mm R
E45-4545R



45 x 60 mm
E45-4560



45 x 90 mm
E45-4590L



45 x 90 mm H
E45-4590



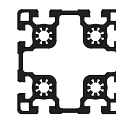
60 x 60 mm
E45-6060L



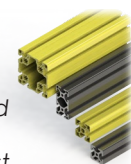
60 x 60 mm H
E45-6060



60 x 90 mm
E45-6090



90 x 90 mm
E45-9090

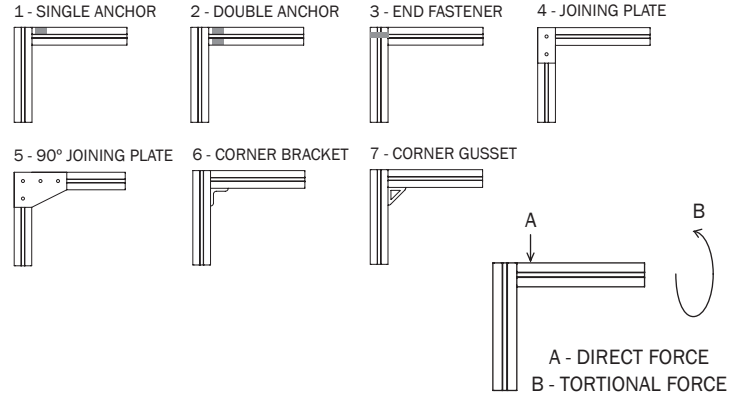


Yellow Powder Coated
& Black Anodized
available upon request

FASTENER APPLICATION TEST

FASTENER	E1010G		E1515LS		E1515L	
	A (lbs)	B	A (lbs)	B	A (lbs)	B
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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



Central Connectors



T-Studs



Z-Nuts



Drop-in T-Nuts & Slide-in T-Nuts

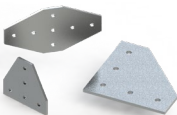


Bolts

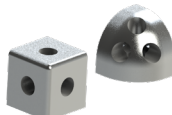
BRACKETS



Corner Gussets



Joining Plates



Tri-Corners

HARDWARE



Handles



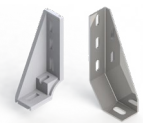
Slam Latches



Casters



Leveling Feet



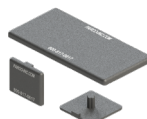
Floor Mounting Feet



Hinges



Pivot Joints

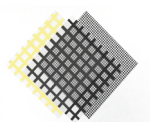


End Caps

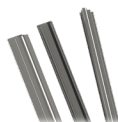
PANEL ACCESSORIES



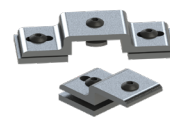
Panels



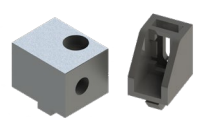
Wire Mesh



Panel Gasket



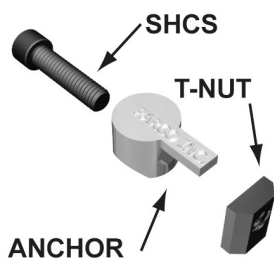
Mesh Retainers



Panel Mounts

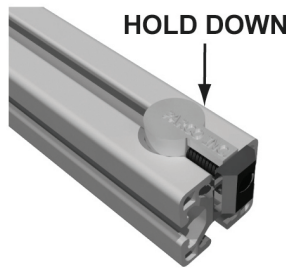
Fastener Installation

Anchor Fastener (Counterbore Machining Required)

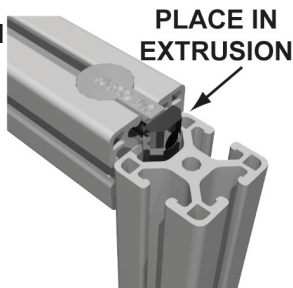


ANCHOR FASTENERS CONSIST OF THREE PARTS:

1. T-NUT
2. ANCHOR
3. SHCS



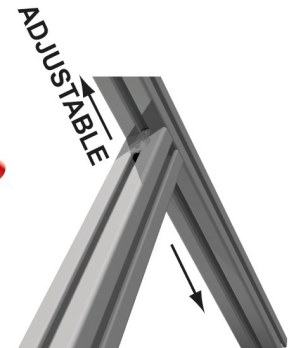
INSERT THE SHCS THROUGH THE ANCHOR AND PARTIALLY INTO THE T-NUT. PLACE THE ANCHOR ASSEMBLY INTO THE COUNTERBORE HOLE IN THE EXTRUSION.



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

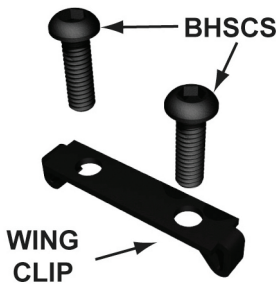


WHEN EXTRUSION IS PROPERLY IN PLACE TIGHTEN SHCS WITH A T-HANDLE HEX WRENCH UNTIL CONNECTION IS SOUND.



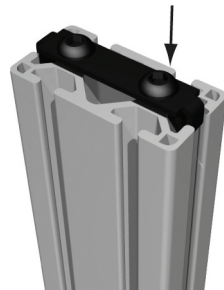
EXTRUSION CAN BE MOUNTED ANYWHERE ALONG JOINING EXTRUSION WITH ANCHOR FASTENER CONNECTION.

End Fastener (Access Hole Machining Required)



END FASTENERS CONSIST OF TWO TYPES OF PARTS:

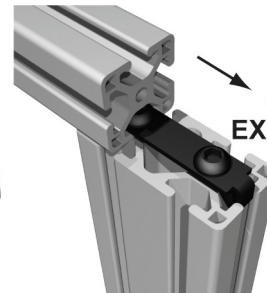
1. BHSCS (1 FOR SINGLE)
2. WING CLIP (DOUBLE OR SINGLE)



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)

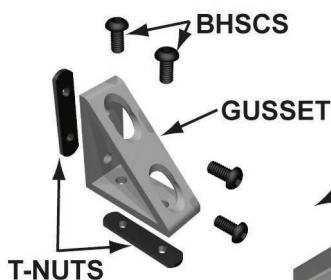


SLIDE THE JOINING EXTRUSION ONTO THE WING CLIP UNTIL THE ACCESS HOLES ARE ALIGNED WITH THE BHSCS'S.



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

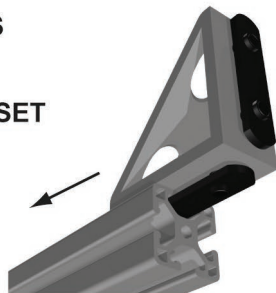
Corner Gusset (No Machining Required)



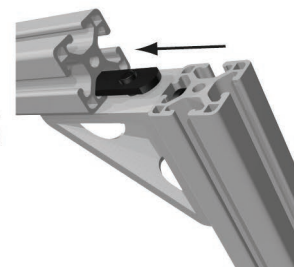
CORNER GUSSETS ARE COMPRISED THREE TYPES OF PARTS:

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.



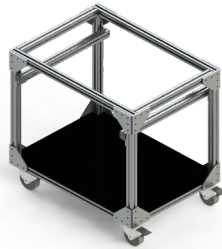
EXTRUSION CAN BE MOUNTED ANYWHERE ALONG THE JOINING PROFILE WITH THE GUSSET CONNECTION.

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.

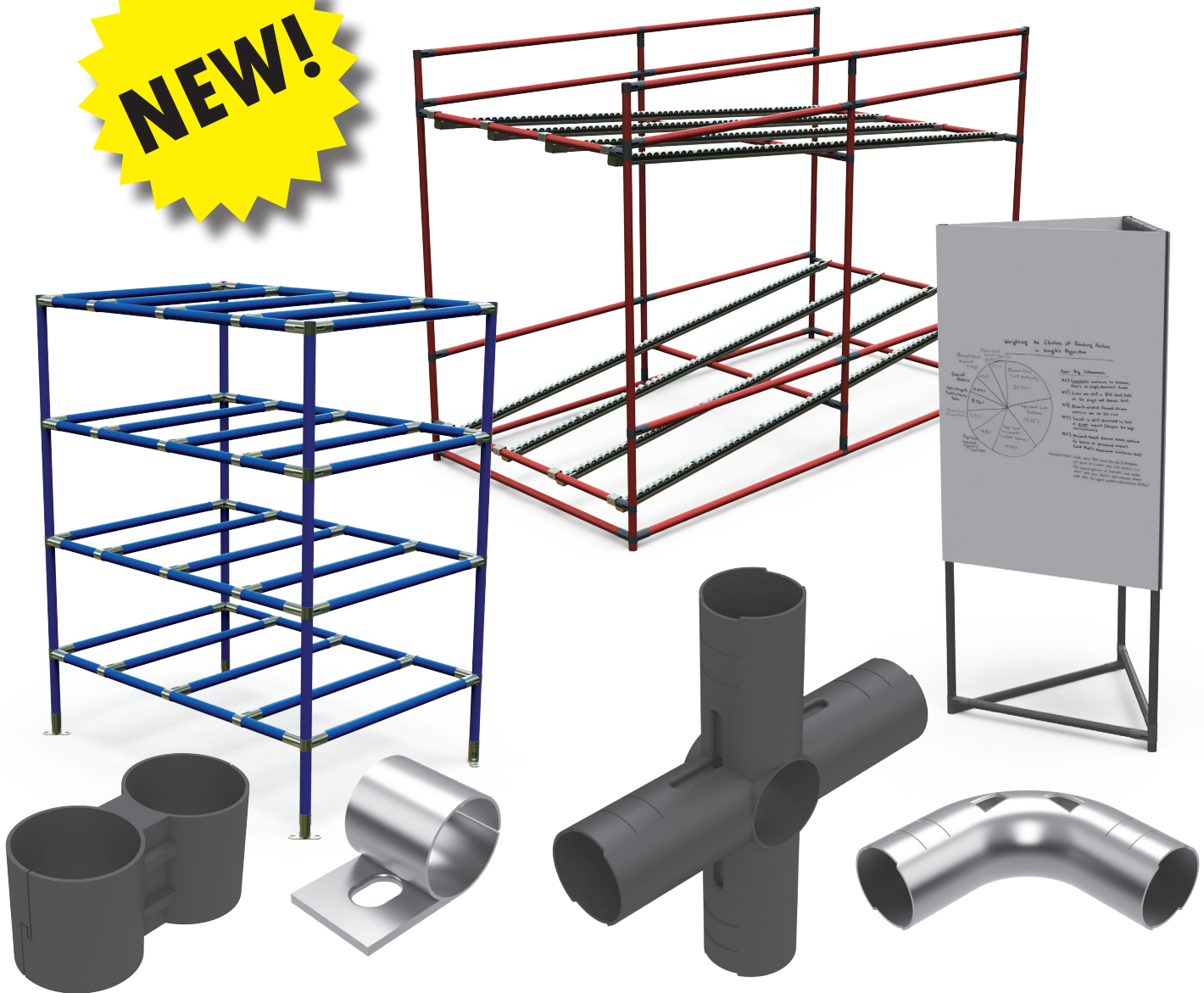


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