

ModTruss[®]

2025-3



ModTruss[®]

Modular Building Components

UNITED BY MUSIC

One System:
Unlimited Solutions

Why ModTruss[®]

Our solutions are:

 Off the Shelf

 Modular and Reconfigurable

 Pre-Engineered

Results in:

 Faster Lead Times

 Predictable Builds with Unlimited Possibilities

 Faster Design Time

Our Flagship Products

TR TRUSS

EX EXTRUSION

PL PLATES

JH JOIST HANGERS

PA PIPE ADAPTERS

HG HINGES

MO MOTION

RG RIGGING

AC ACCESS

HW HARDWARE

TK TOOLS

MH MATERIAL HANDLING

FT FILM TOOLS

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AEROSPACE

Designing and constructing with Mod**Truss** has demonstrated a significant return on investment for Maintenance, Repair, and Overhaul (MRO) companies and manufacturers in the Aerospace industry. Modular, reconfigurable solutions include access platforms, nose docks, tail docks, tooling, and more.

Building with Mod**Truss** enables you to reconfigure existing platforms and tooling to meet evolving needs and eliminate the “boneyard” of out-of-service stands.

Your Mod**Truss** inventory remains perpetually relevant, with designs that adapt as required. This flexibility facilitates delivery speeds up to 90% faster than traditional methods.









Aircraft Shoring

With its high strength column and beam load capacities, ModTruss is an excellent means of creating shoring structures.

From Aerospace to the Ship Yards, ModTruss can be engineered to meet the capacity in a modular format. Steel trussing, lamination options, telescoping and leveling products are all available to address a project's shoring requirements.







Film, Grip, Special Effects

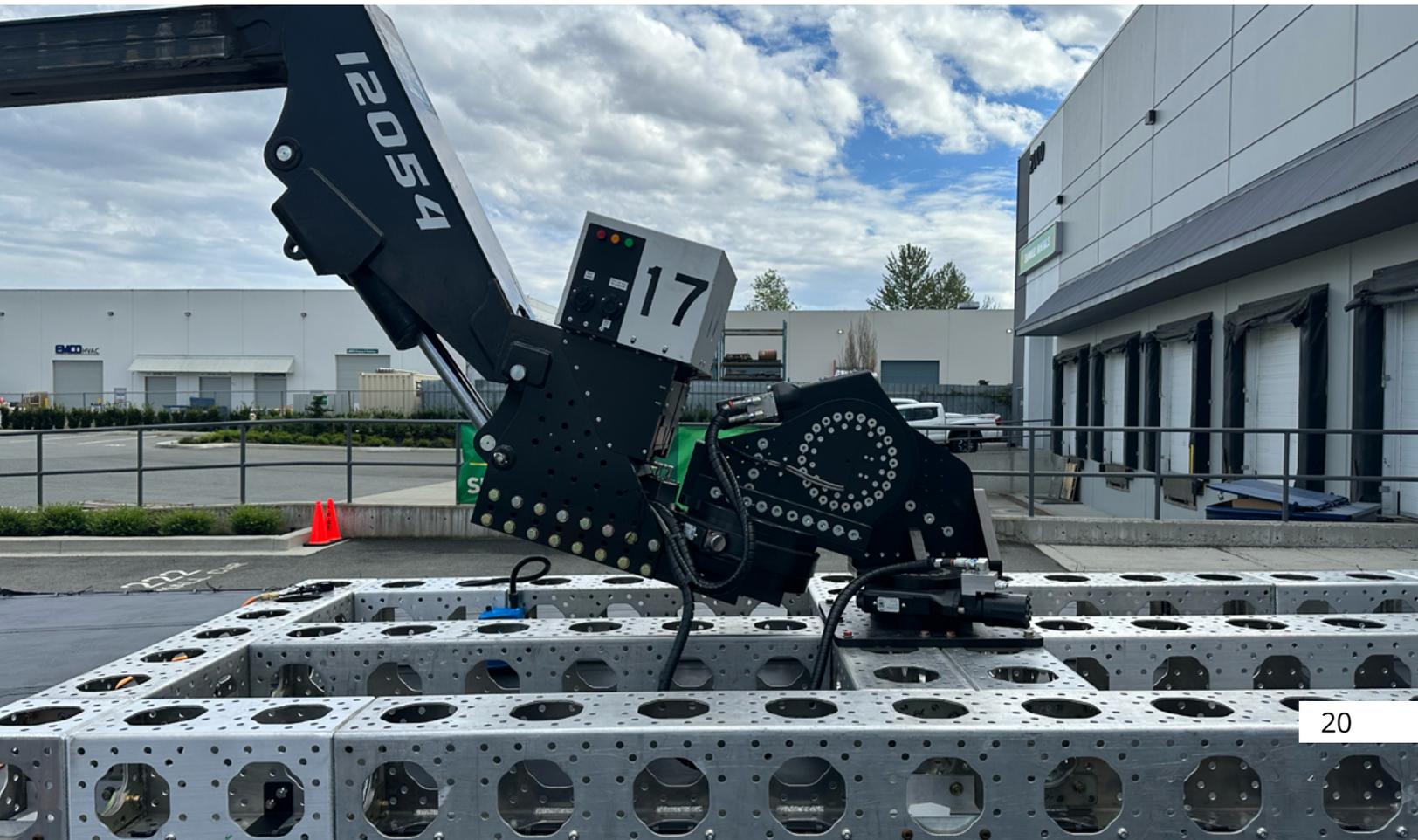
The Film, Grip, and Special Effects markets continually face unique and challenging rigging and access applications.

ModTruss offers a game-changing product line for this industry, ranging from fly swatters to stunt rigging, rolling platforms, cranes, and sliders. With ModTruss at your disposal, "Yes" is Always the Answer.









Theater & Scenic

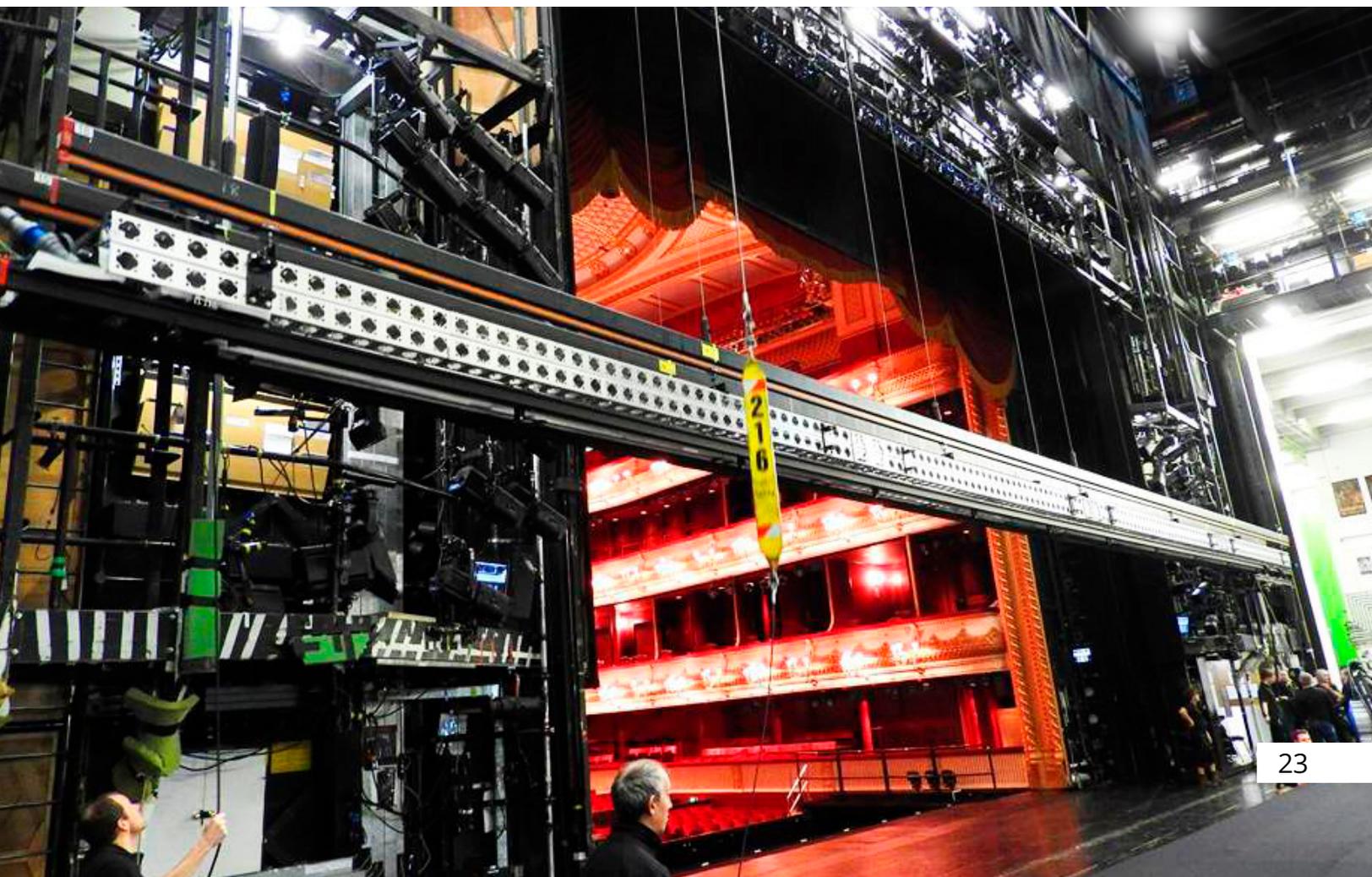
The theater community quickly recognized the advantages of using ModTruss in their field.

The flat profile and multiple connection points of ModTruss are invaluable for creating scenic elements. The versatility of the ModTruss product line enables ongoing reconstruction of theatrical sets using the same modular building components.





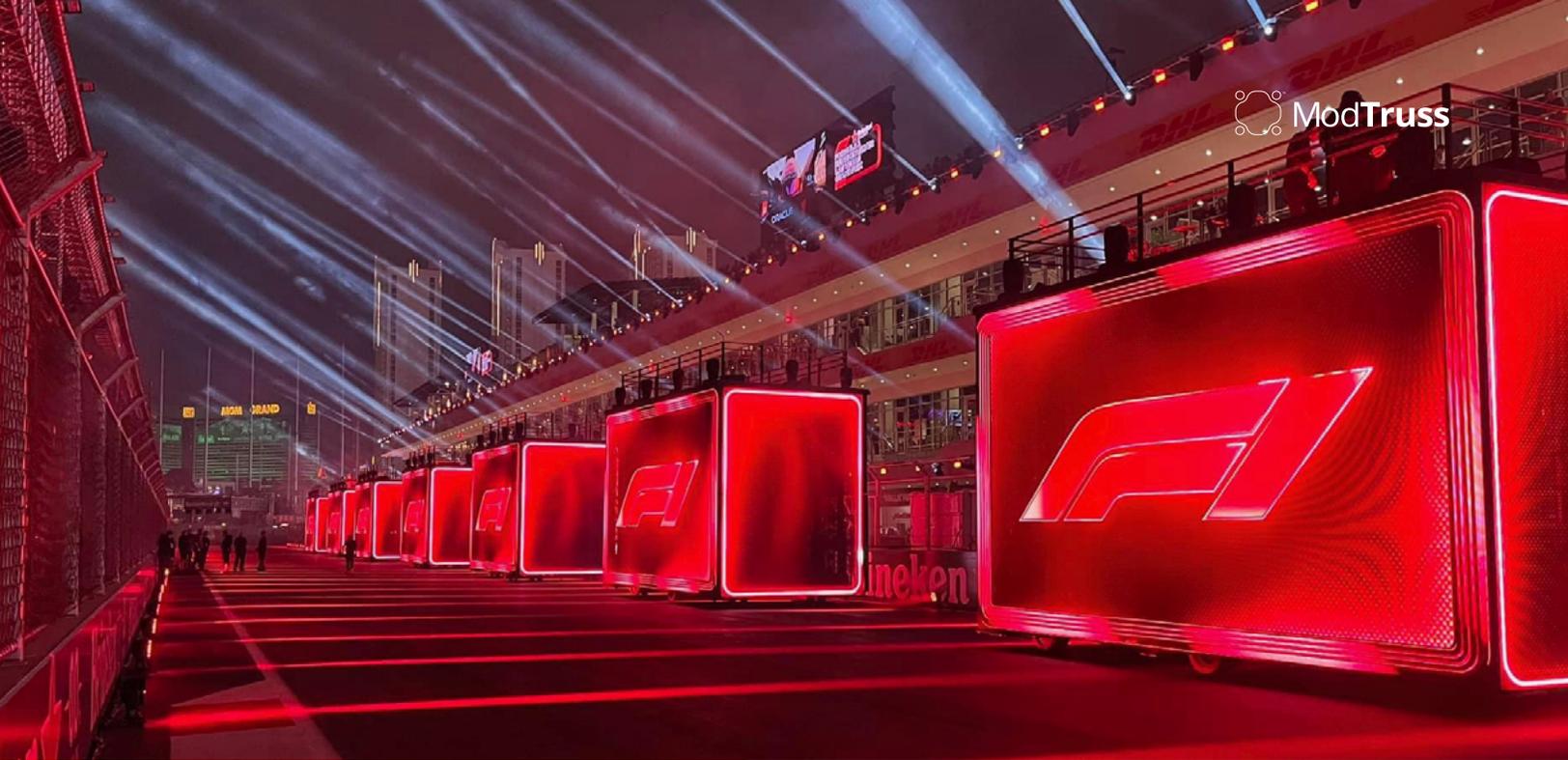
ModTruss



LED Walls Support

Bringing dimensional support to LED mounting meets the continual and increasing demand for enhancing production value.

With ModTruss as the backbone, vertical, horizontal, curved and movement configurations are nearly limitless.







Viewing Platforms and Mezzanines

ModTruss is a versatile system of products that extend beyond traditional trussing.

For instance, the ModTruss “Access Series” (AC) includes stairs, decking, roofs, handrails, and more. When combined with trussing, these products create impressive viewing platforms and mezzanines of various sizes, that feature expansive, open-feel designs.







Industrial Rigging



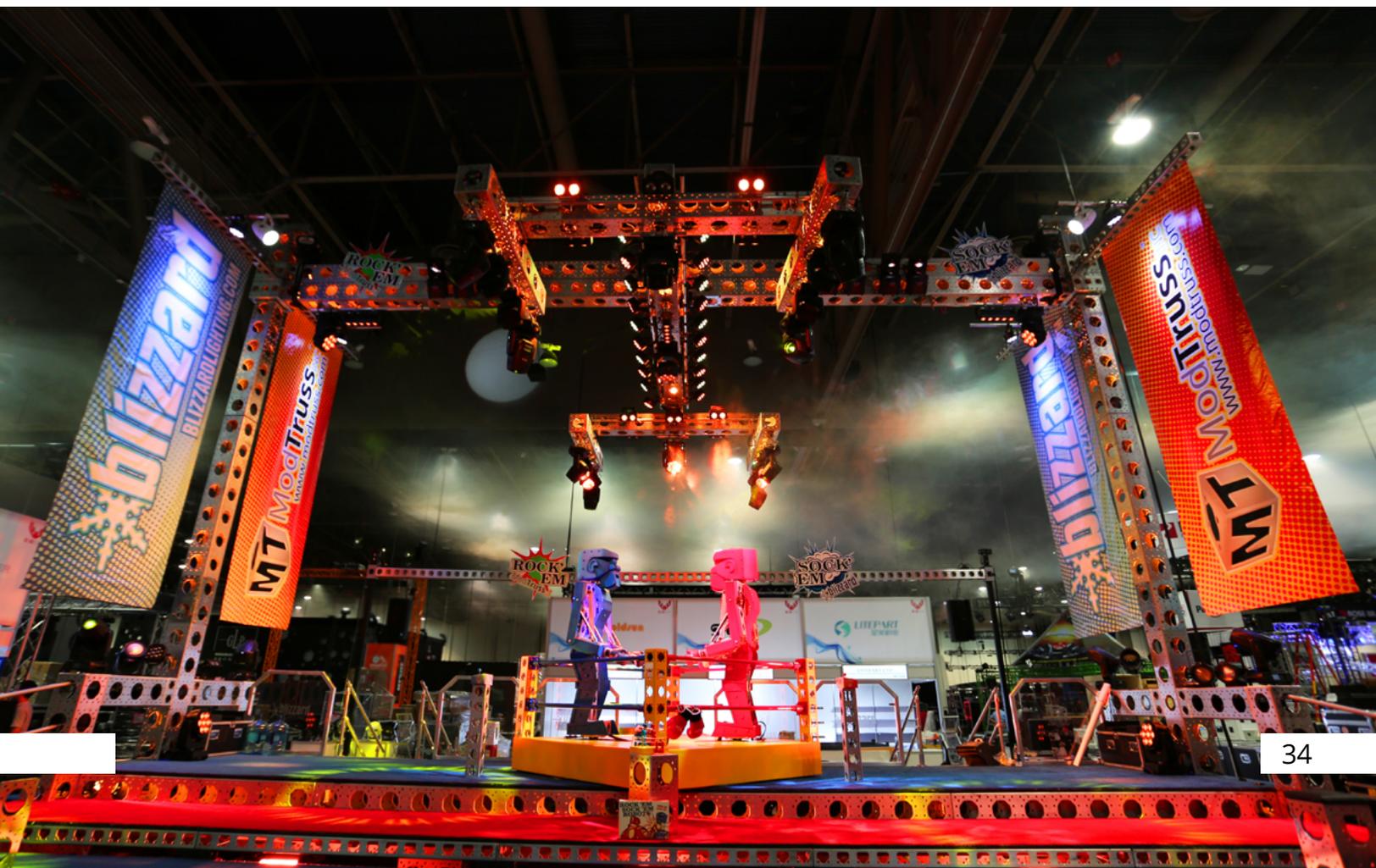




Trade Shows / Corporate Activations

ModTruss has been part of award-winning tradeshow booths and corporate spaces since some of our first projects in 2014.

With uses only bound by one's imagination, ModTruss encourages designers to go bold with their visions. Aesthetically unique, ModTruss has a look like no other truss. Just look for the clover!





Sip & Slide
Created by Triple E Ltd
@sipsandslides sipandslide.co.uk

Television and Sports Broadcast

This is where the ModTruss product line was born and developed.

On-site infrastructure for events that include Pro Football, the World Series, All Star Games, NASCAR, and more—these events are large and the site locations are all the more challenging. ModTruss is first and foremost a ground up modular structural building component- the ideal solution for this groundbreaking field.

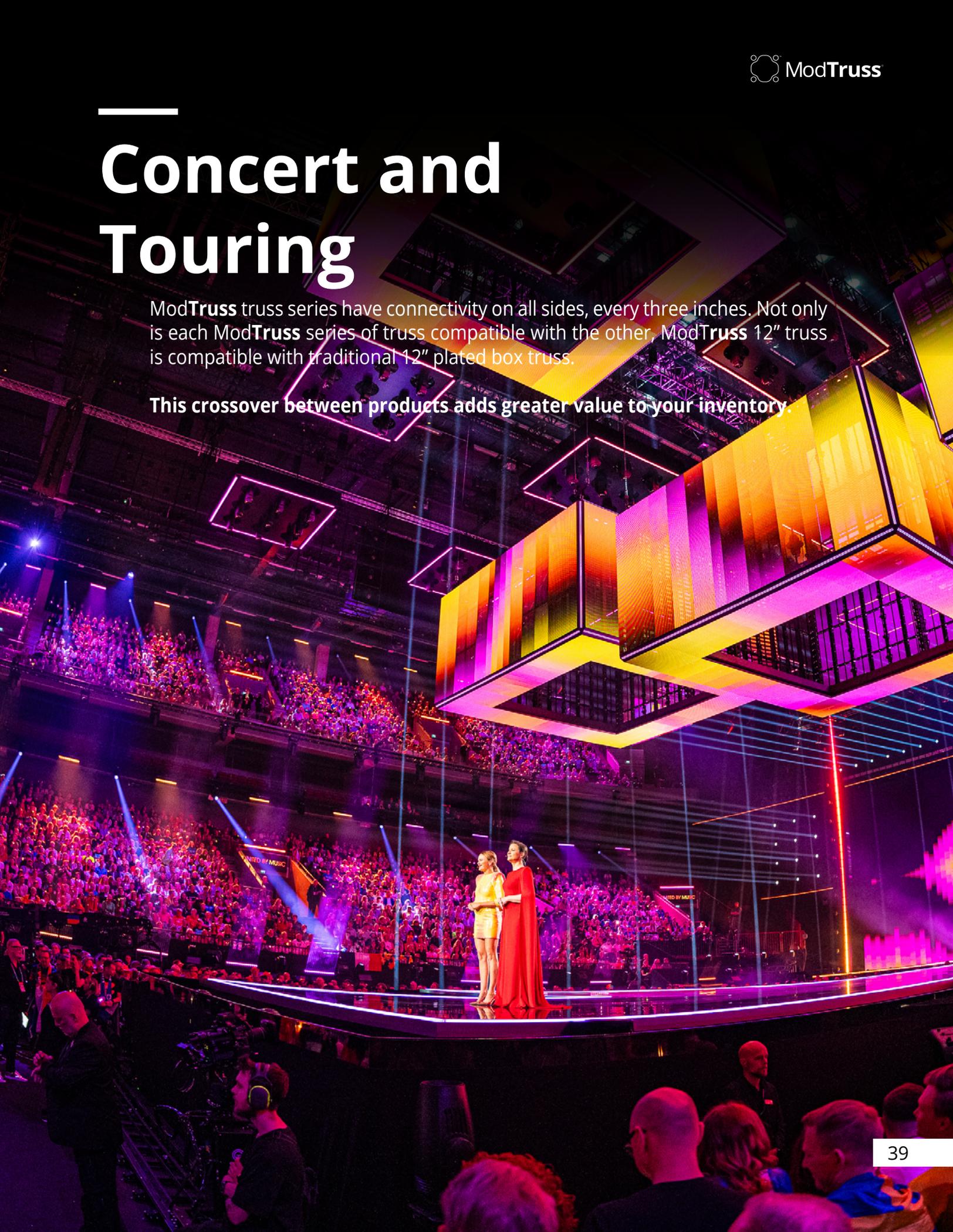




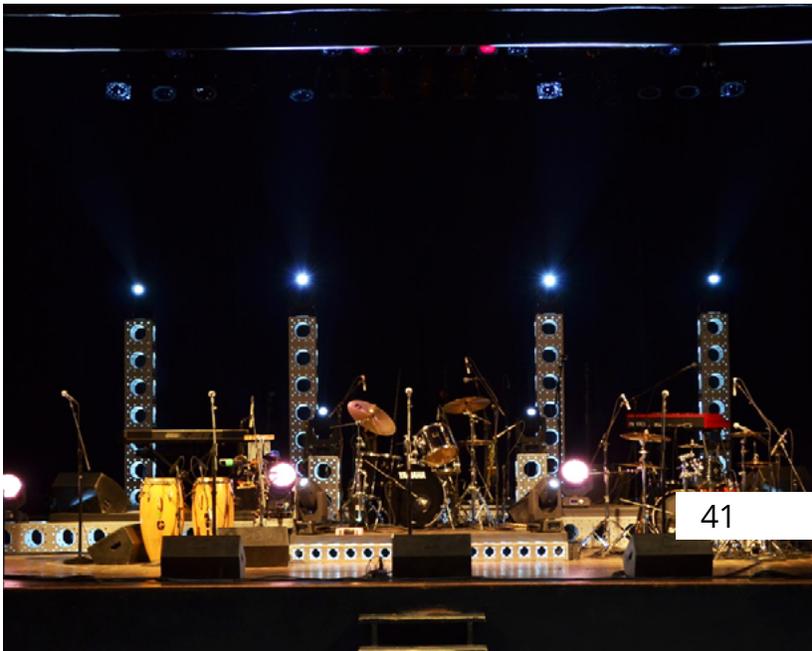
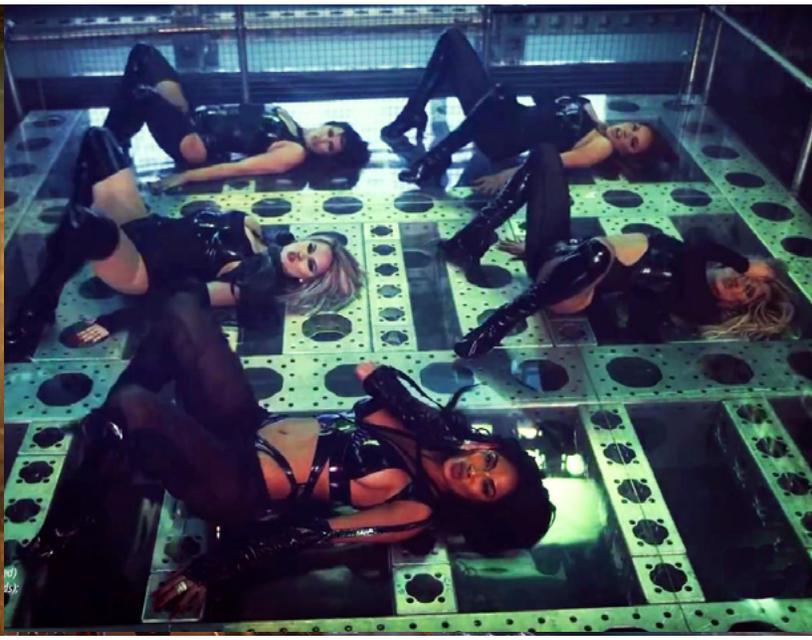
Concert and Touring

ModTruss truss series have connectivity on all sides, every three inches. Not only is each ModTruss series of truss compatible with the other, ModTruss 12" truss is compatible with traditional 12" plated box truss.

This crossover between products adds greater value to your inventory.

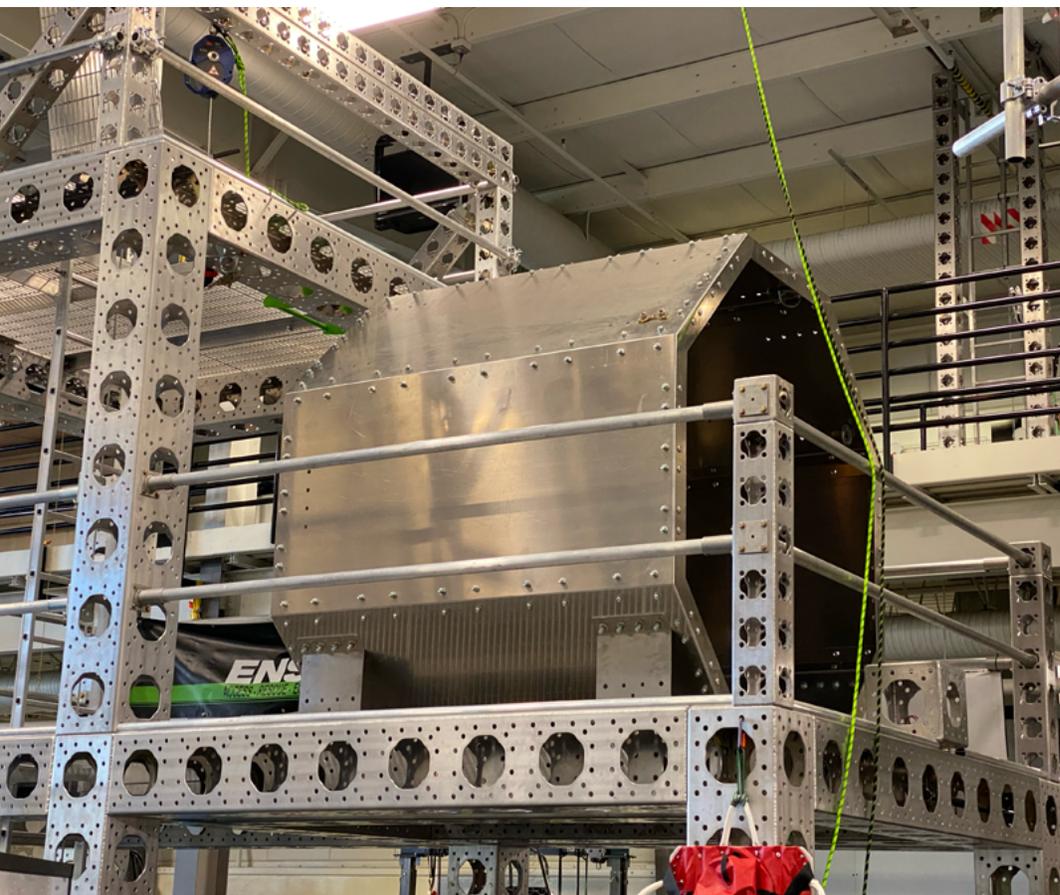






Training Simulators



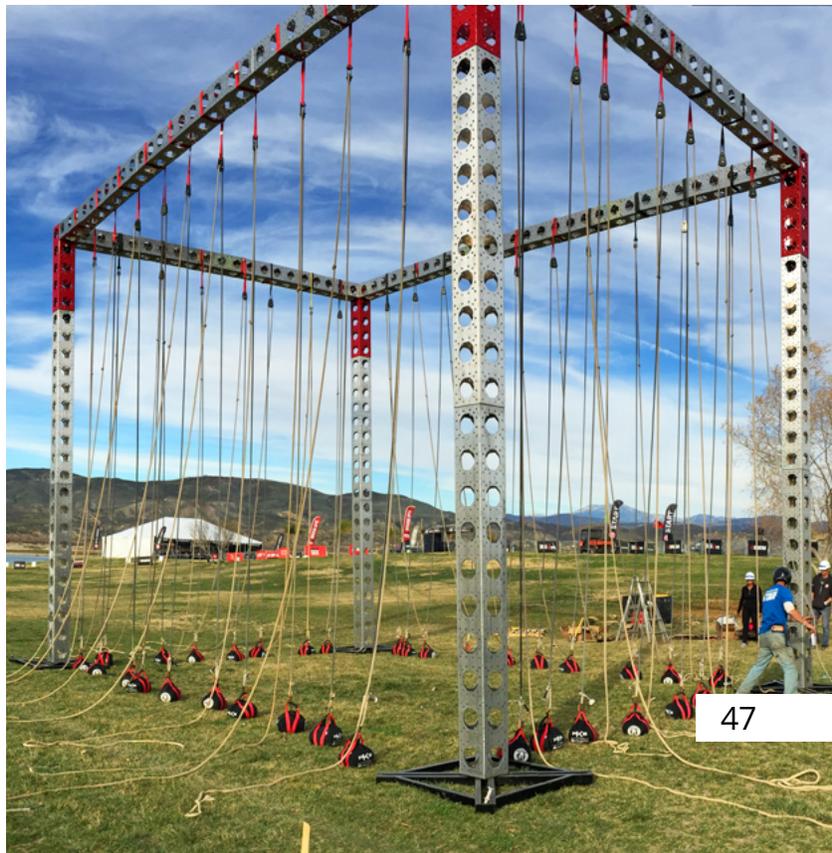




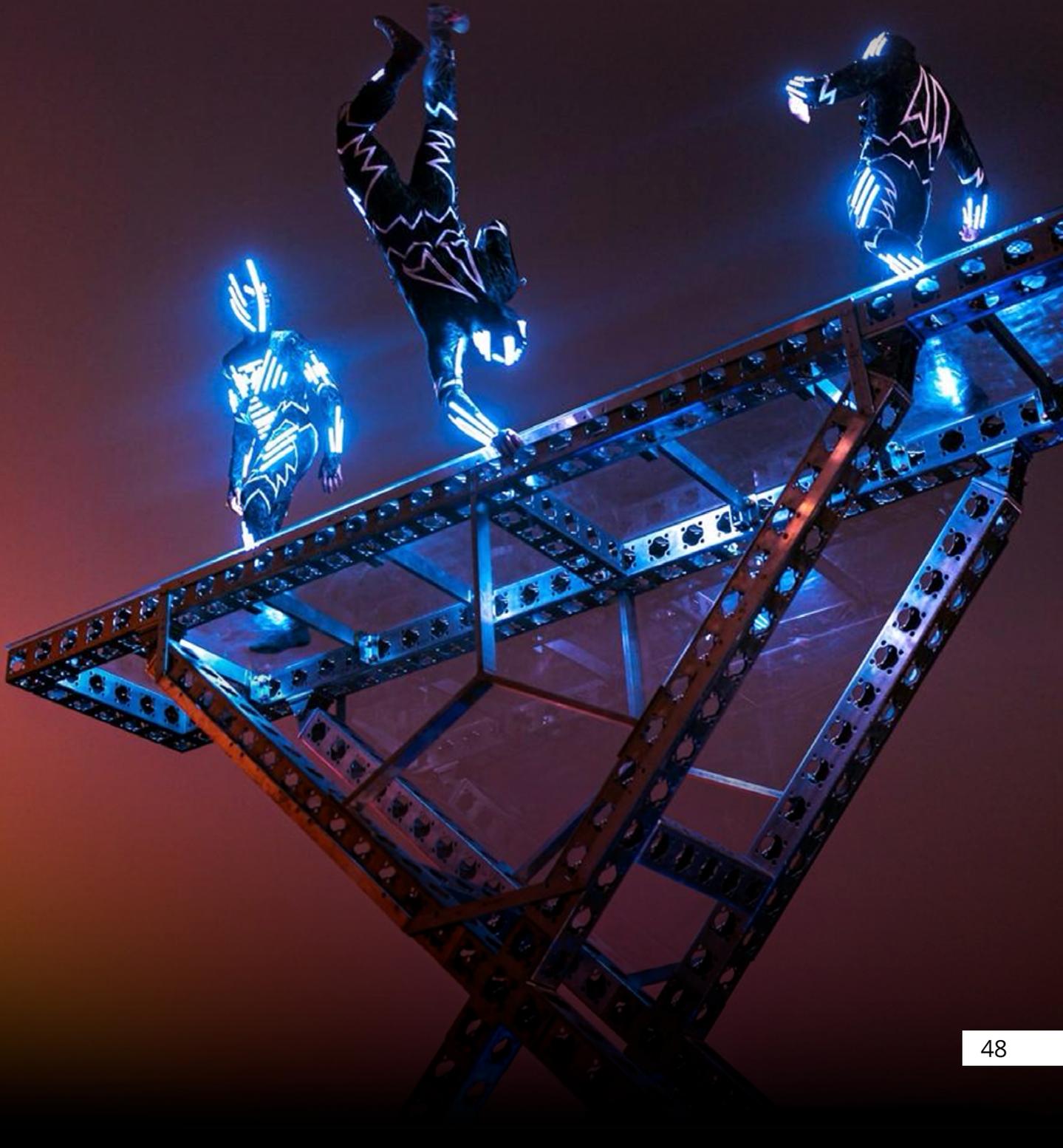
Obstacle Courses & Aerial Arts

Don't see it in the catalog? The **ModTruss** engineering team is on hand for designing components to work specifically with your application. For example, we have created numerous custom components to integrate with **ModTruss** products in the obstacle course and aerial performance markets- rolling, spinning, flying, automated- the solution is achievable.

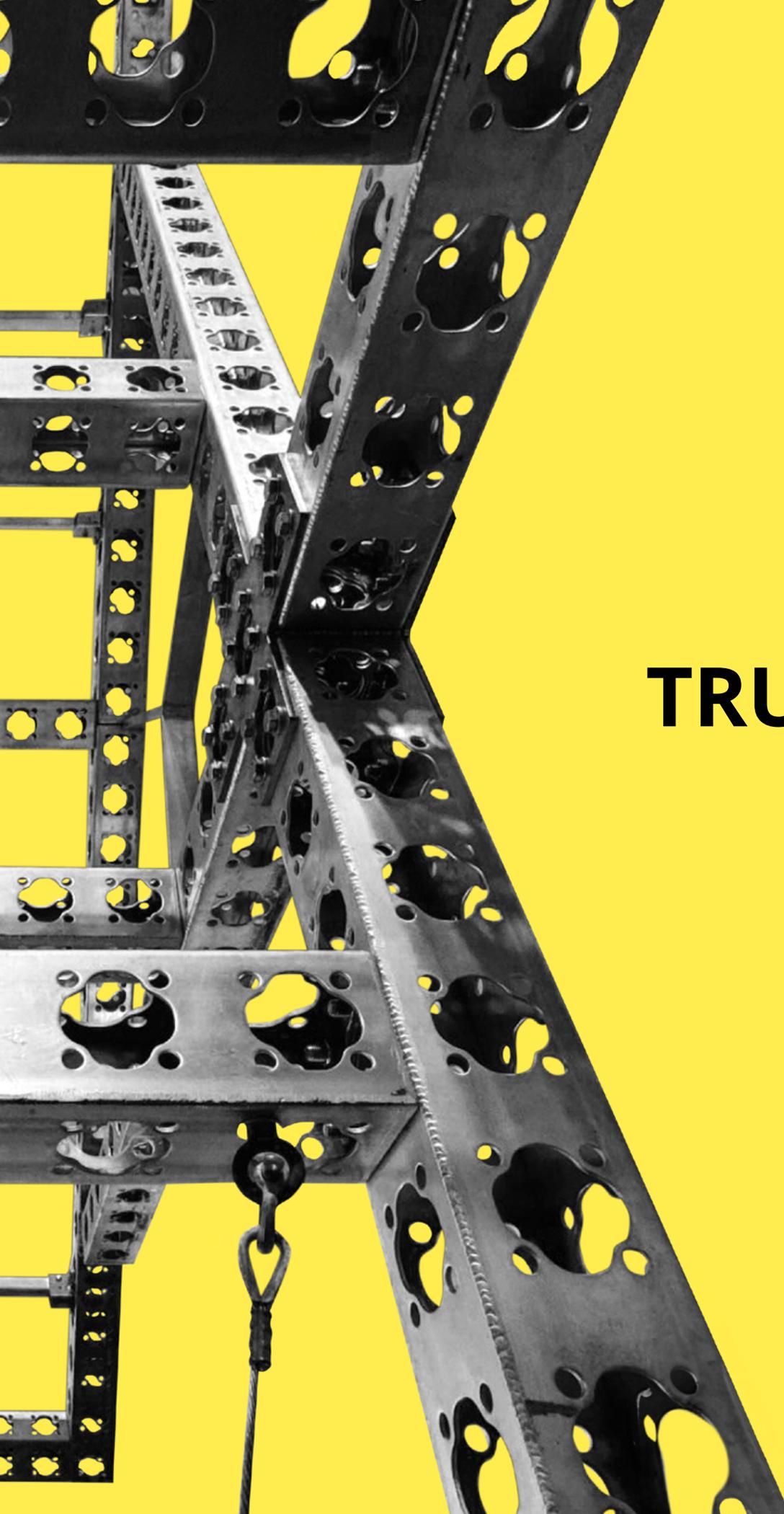




Other Applications







TRUSS

TRUSS

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

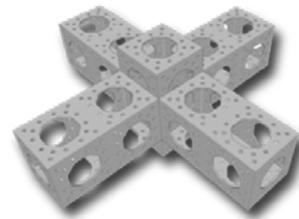
Some Of The Many Advantages Of ModTruss

Each truss series of the Mod**Truss** line is stocked in 1-foot increments up to 10 feet in length. Each series also has a 6" block for added flexibility in lengths. Unlike other trussing products, all three series of Mod**Truss** are compatible with one another.

- **Connectivity on all 6 sides**

A bolt hole every 3" on all 6 sides which means you are no longer limited to only end-to-end connections.

NO CORNER BLOCKS ARE NEEDED



- **Reinforcement Of Truss Connections**

The ability to reinforce truss connections increases load capacities, allowing for longer spans while reducing deflection.

- **Lamination**

Lamination can double load capacities and beyond while using the same series of truss. Lamination can be achieved by placing truss on top of truss or side by side.

- **Compatibility**

The 12" Mod**Truss** series is Compatible with 12" Plated Entertainment Truss.

- **Cladding Made Easy**

The flat surface of Mod**Truss**, coupled with the numerous bolt holes, allows for a variety of cladding options.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

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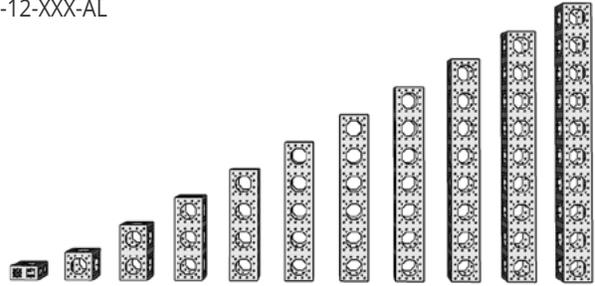
FT

GL

12" Aluminum Truss



MT-TR-12-12-XXX-AL



Standard Material	5052-H32 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush, 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2-1/2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut, (M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

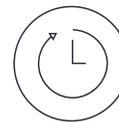
Part #	Size	Weight
MT-TR-12-12-006-AL	12" x 12" x 6" (304.80mm x 304.80mm x 152.40mm)	8.60lbs (3.90kg)
MT-TR-12-12-012-AL	12" x 12" x 12" (304.80mm x 304.80mm x 304.80mm)	13.00lbs (5.90kg)
MT-TR-12-12-015-AL	12" x 12" x 15" (304.80mm x 304.80mm x 381.00mm)	15.9lbs (7.22kg)
MT-TR-12-12-018-AL	12" x 12" x 18" (304.80mm x 304.80mm x 457.20mm)	19.15lbs (8.69kg)
MT-TR-12-12-024-AL	12" x 12" x 24" (304.80mm x 304.80mm x 609.60mm)	22.30lbs (10.12kg)
MT-TR-12-12-036-AL	12" x 12" x 36" (304.80mm x 304.80mm x 914.40mm)	31.55lbs (14.31kg)
MT-TR-12-12-048-AL	12" x 12" x 48" (304.80mm x 304.80mm x 1219.2mm)	40.95lbs (18.57kg)
MT-TR-12-12-060-AL	12" x 12" x 60" (304.80mm x 304.80mm x 1524.0mm)	49.85lbs (22.61kg)
MT-TR-12-12-072-AL	12" x 12" x 72" (304.80mm x 304.80mm x 1828.8mm)	59.15lbs (26.83kg)
MT-TR-12-12-084-AL	12" x 12" x 84" (304.80mm x 304.80mm x 2133.6mm)	68.05lbs (30.87kg)
MT-TR-12-12-096-AL	12" x 12" x 96" (304.80mm x 304.80mm x 2438.4mm)	75.35lbs (34.18kg)
MT-TR-12-12-108-AL	12" x 12" x 108" (304.80mm x 304.80mm x 2743.2mm)	87.00lbs (39.46kg)
MT-TR-12-12-120-AL	12" x 12" x 120" (304.80mm x 304.80mm x 3048.0mm)	95.50lbs (43.32kg)



In Stock



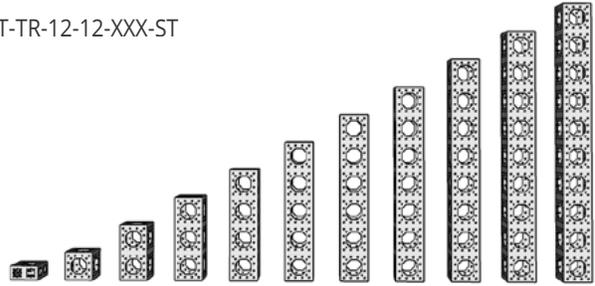
Compatible


 Serialized &
Traceable

 Made To
Order

12" Steel Truss



MT-TR-12-12-XXX-ST



Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2.5" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

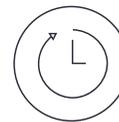
Part #	Size	Weight
MT-TR-12-12-006-ST*	12" x 12" x 6" (304.80mm x 304.80mm x 152.40mm)	25.00lbs (11.34kg)
MT-TR-12-12-012-ST	12" x 12" x 12" (304.80mm x 304.80mm x 304.80mm)	38.85lbs (17.62kg)
MT-TR-12-12-015-ST	12" x 12" x 15" (304.80mm x 304.80mm x 381.00mm)	48.35lbs (21.93kg)
MT-TR-12-12-018-ST	12" x 12" x 18" (304.80mm x 304.80mm x 457.20mm)	57.65lbs (26.14kg)
MT-TR-12-12-024-ST	12" x 12" x 24" (304.80mm x 304.80mm x 609.60mm)	65.30lbs (29.62kg)
MT-TR-12-12-036-ST	12" x 12" x 36" (304.80mm x 304.80mm x 914.40mm)	90.95lbs (41.25kg)
MT-TR-12-12-048-ST	12" x 12" x 48" (304.80mm x 304.80mm x 1219.20mm)	113.60lbs (51.53kg)
MT-TR-12-12-060-ST	12" x 12" x 60" (304.80mm x 304.80mm x 1524.00mm)	143.65lbs (65.16kg)
MT-TR-12-12-072-ST	12" x 12" x 72" (304.80mm x 304.80mm x 1828.80mm)	168.00lbs (76.20kg)
MT-TR-12-12-084-ST	12" x 12" x 84" (304.80mm x 304.80mm x 2133.60mm)	195.75lbs (88.79kg)
MT-TR-12-12-096-ST	12" x 12" x 96" (304.80mm x 304.80mm x 2438.40mm)	223.40lbs (101.33kg)
MT-TR-12-12-108-ST	12" x 12" x 108" (304.80mm x 304.80mm x 2743.20mm)	249.15lbs (113.01kg)
MT-TR-12-12-120-ST	12" x 12" x 120" (304.80mm x 304.80mm x 3048.00mm)	275.85lbs (125.12kg)



In Stock



Compatible


 Serialized &
Traceable

 Made To
Order

6" Aluminum Truss - 2024 +



MT-TR-06-06-XXX-AR

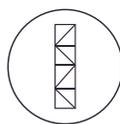


Standard Material	6061 - T6 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush, 20-30 Powder Coated
Bolt Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

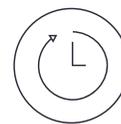
Part #	Size	Weight
MT-TR-06-06-006-AR	6" x 6" x 6" (152.40mm x 152.40mm x 152.40mm)	3.65 lbs (1.655kg)
MT-TR-06-06-012-AR	6" x 6" x 12" (152.40mm x 152.40mm x 304.80mm)	5.50 lbs (2.495kg)
MT-TR-06-06-024-AR	6" x 6" x 24" (152.40mm x 152.40mm x 609.60mm)	9.00 lbs (4.082kg)
MT-TR-06-06-036-AR	6" x 6" x 36" (152.40mm x 152.40mm x 914.40mm)	12.65 lbs (5.737kg)
MT-TR-06-06-048-AR	6" x 6" x 48" (152.40mm x 152.40mm x 1219.20mm)	16.35 lbs (7.409kg)
MT-TR-06-06-060-AR	6" x 6" x 60" (152.40mm x 152.40mm x 1524.00mm)	20.00 lbs (9.062kg)
MT-TR-06-06-072-AR	6" x 6" x 72" (152.40mm x 152.40mm x 1828.80mm)	23.6 lbs (10.701kg)
MT-TR-06-06-084-AR	6" x 6" x 84" (152.40mm x 152.40mm x 2133.60mm)	27.35 lbs (12.398kg)
MT-TR-06-06-096-AR	6" x 6" x 96" (152.40mm x 152.40mm x 2438.40mm)	30.70 lbs (13.900kg)
MT-TR-06-06-108-AR	6" x 6" x 108" (152.40mm x 152.40mm x 2743.20mm)	34.60 lbs (15.686kg)
MT-TR-06-06-120-AR	6" x 6" x 120" (152.40mm x 152.40mm x 3048.00mm)	38.35 lbs (17.398kg)



In Stock



Compatible


 Serialized &
Traceable

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Order

PART NUMBER	LENGTH INCHES	LENGTH [MM]
MT-TR-06-06-006-AR	06"	152.40
MT-TR-06-06-012-AR	12"	304.80
MT-TR-06-06-024-AR	24"	609.60
MT-TR-06-06-036-AR	36"	914.40
MT-TR-06-06-048-AR	48"	1219.20
MT-TR-06-06-060-AR	60"	1524.00
MT-TR-06-06-072-AR	72"	1828.80
MT-TR-06-06-084-AR	84"	2133.60
MT-TR-06-06-096-AR	96"	2438.40
MT-TR-06-06-108-AR	108"	2743.20
MT-TR-06-06-120-AR	120"	3048.00

BRACKET [] DIMENSIONS ARE IN MM

10/29/2024 REVISION: A

6" ALUMINUM TRUSS

PART NUMBER: **MT-TR-06-06-XXX-AR**

6" Steel Truss



MT-TR-06-06-XXX-ST

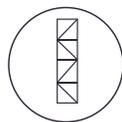


Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

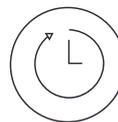
Part #	Size	Weight
MT-TR-06-06-006-ST	6" x 6" x 6" (152.40mm x 152.40mm x 152.40mm)	6.50lbs (2.95kg)
MT-TR-06-06-012-ST	6" x 6" x 12" (152.40mm x 152.40mm x 304.80mm)	11.40lbs (5.17kg)
MT-TR-06-06-024-ST	6" x 6" x 24" (152.40mm x 152.40mm x 609.60mm)	20.95lbs (9.50kg)
MT-TR-06-06-036-ST	6" x 6" x 36" (152.40mm x 152.40mm x 914.40mm)	30.50lbs (13.83kg)
MT-TR-06-06-048-ST	6" x 6" x 48" (152.40mm x 152.40mm x 1219.20mm)	39.85lbs (18.08kg)
MT-TR-06-06-060-ST	6" x 6" x 60" (152.40mm x 152.40mm x 1524.00mm)	49.25lbs (22.34kg)
MT-TR-06-06-072-ST	6" x 6" x 72" (152.40mm x 152.40mm x 1828.80mm)	58.80lbs (26.67kg)
MT-TR-06-06-084-ST	6" x 6" x 84" (152.40mm x 152.40mm x 2133.60mm)	68.40lbs (31.03kg)
MT-TR-06-06-096-ST	6" x 6" x 96" (152.40mm x 152.40mm x 2438.40mm)	77.80lbs (35.29kg)
MT-TR-06-06-108-ST	6" x 6" x 108" (152.40mm x 152.40mm x 2743.20mm)	87.25lbs (39.58kg)
MT-TR-06-06-120-ST	6" x 6" x 120" (152.40mm x 152.40mm x 3048.00mm)	96.95lbs (43.98kg)

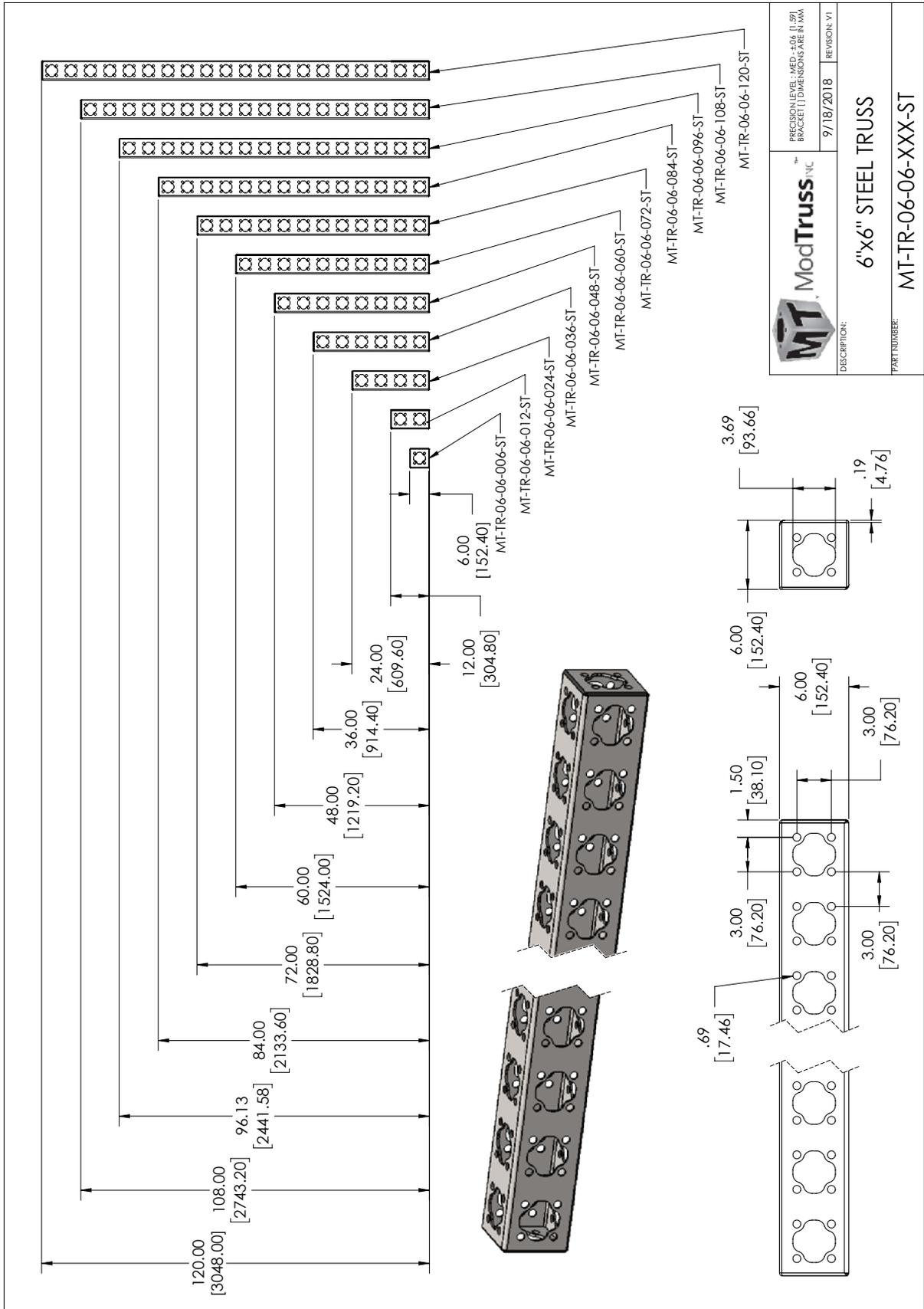


In Stock



Compatible


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Order



TRUSS	
TR	
EX	
PL	
JH	
PA	
HG	
MO	
RG	
AC	
HW	
TK	
MH	
FT	
GL	

3" Aluminum Truss

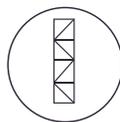


MT-TR-03-03-XXX-AL

Standard Material	6061 - T6 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush, 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Size	3" x 3" x User defined length (76.20mm x User defined length) Max length per piece 20'
Weight	3.10lbs (1.41kg) per foot
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1 5/16" Allen Wrench



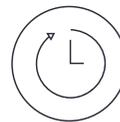
In Stock



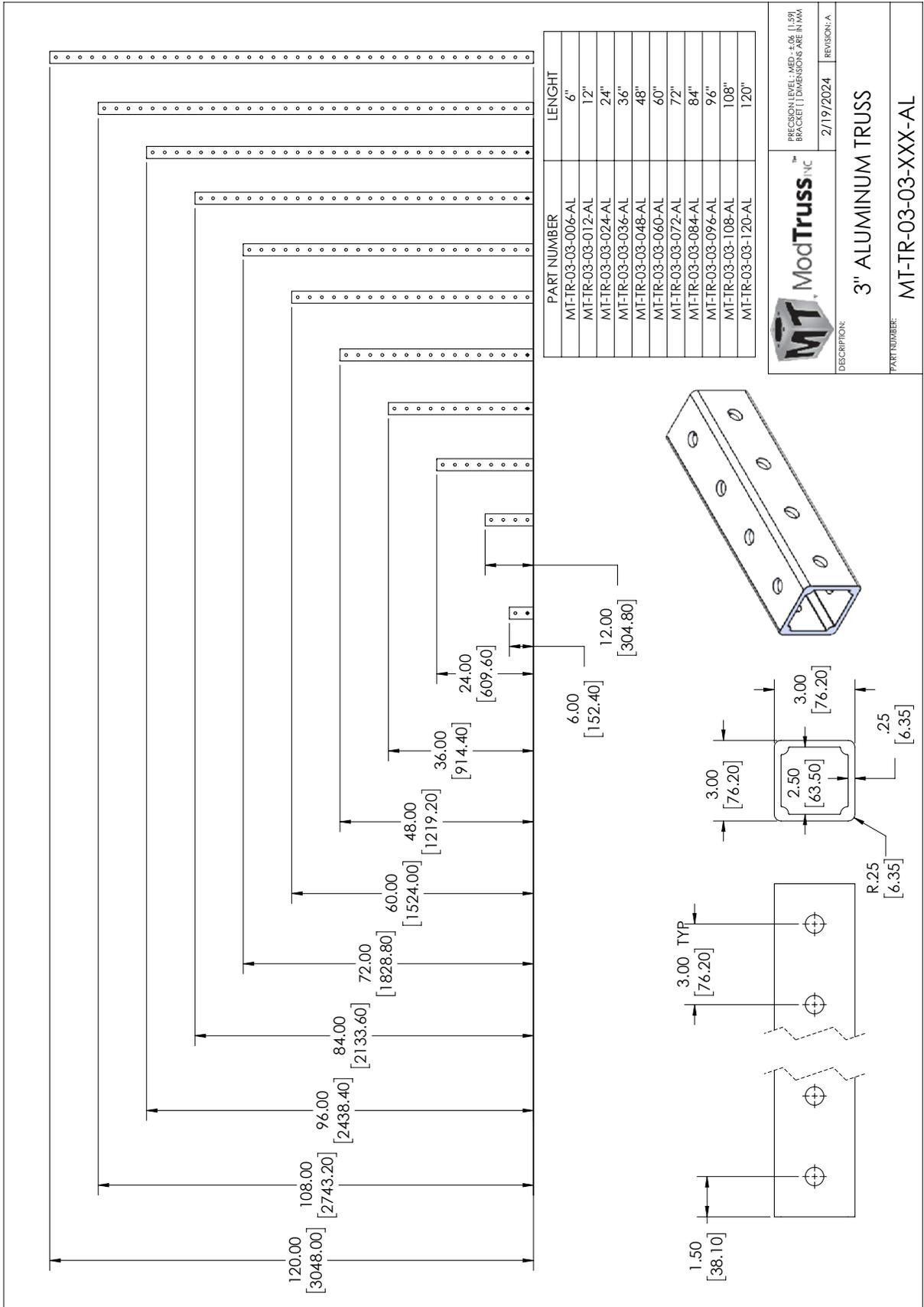
Compatible



Serialized &
Traceable



Made To
Order



TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

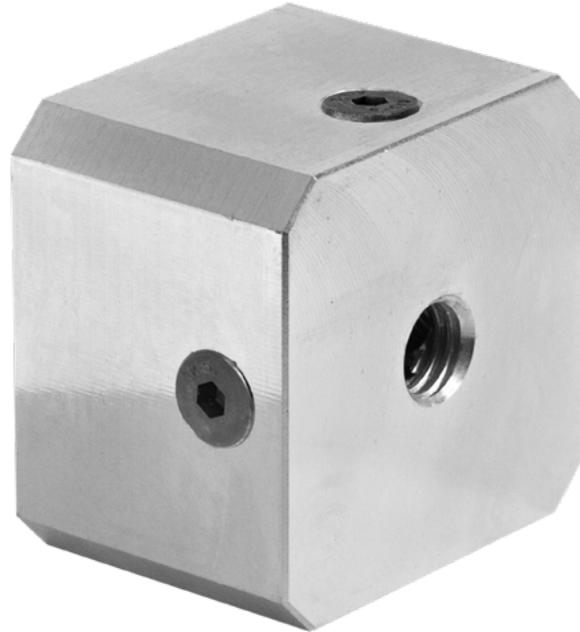
TK

MH

FT

GL

3" Truss End Plug

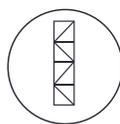


MT-TR-03-EP-0300-0025-128-132

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Size	2.44" (61.98mm) x 2.44" (61.98mm)
Weight	2.92lbs (1.33kg)
Recommended Hardware	1/2 - 13" Thread x 1.25" Flat Head Screw
Recommended Tools	6 Hex Key Wrench Cluster



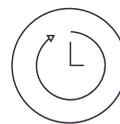
In Stock



Compatible



Serialized &
Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-TR-03-EP-0300-0025-128-132_01	END PLUG	1
1/2"-13 X 1" ZINC PLATED FLAT HEAD	END PLUG MOUNTING HARDWARE	4

END PLUG FITS MT-TR-03-03-XXX-AL
3" ALUMINUM MODTRUSS

	BRACKET {} DIMENSIONS ARE IN MM
DESCRIPTION:	3/31/2025 REVISION: A
3" ALUMINUM TRUSS END PLUG	
PART NUMBER: MT-TR-03-EP-0300-0025-128-132	

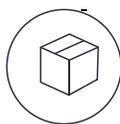
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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6" x 12" - 6" x 6" Tapered Truss

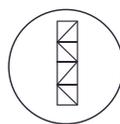


MT-TR-TT-06-12-06-06-XXX-AL

Standard Material	5052-H32 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush 20-30 Powder Coated
Size	See Drawing
Weight	93.80lbs (42.50kg)
Bolt Hole Size	1 1/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2-1/2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool kit 1



In Stock



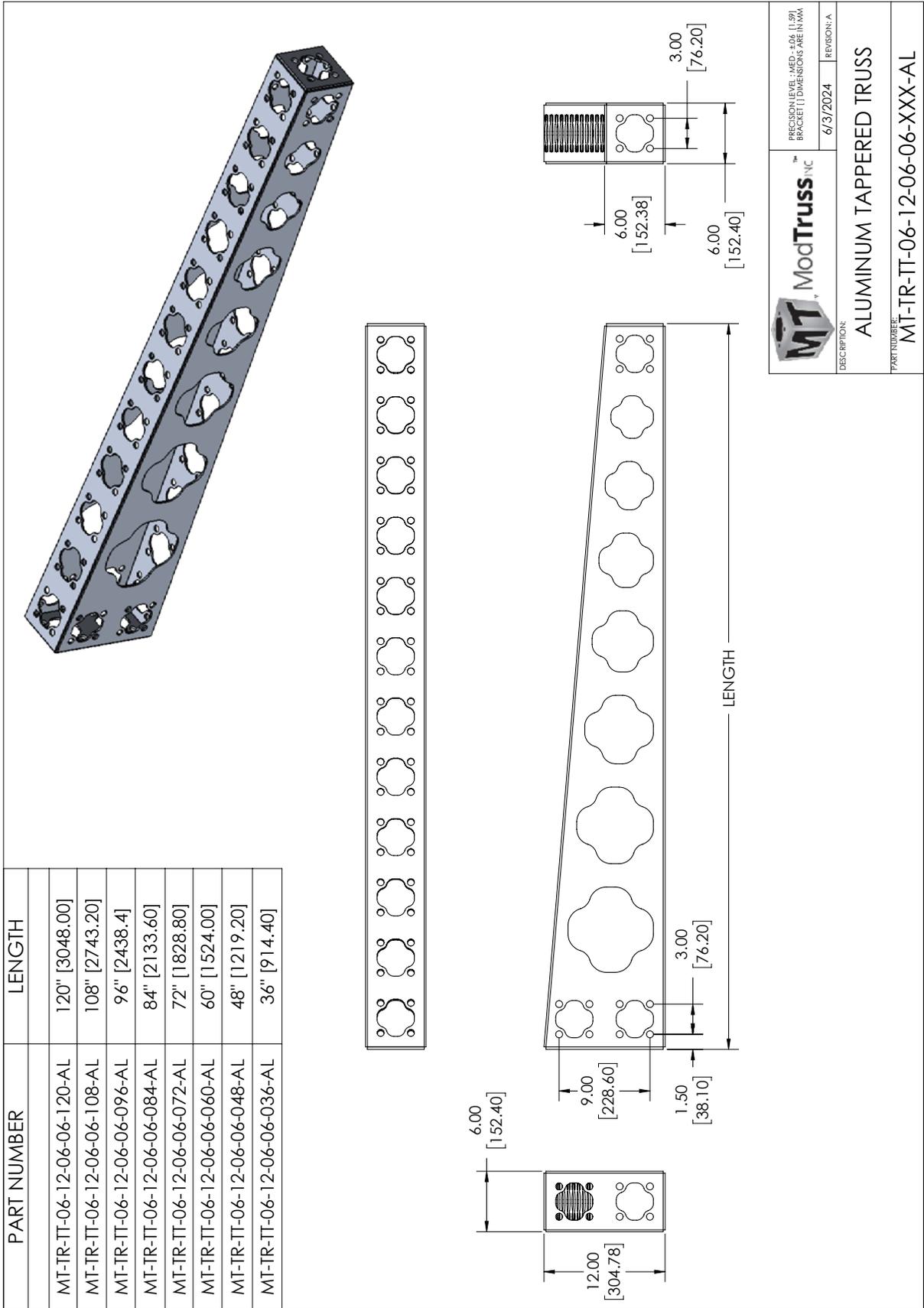
Compatible



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Traceable



Made To
Order



	PRECISION LEVEL - MED - #06 (1.91) BRACKET (1) DIMENSIONS ARE IN MM
	6/3/2024 REVISION: A
DESCRIPTION: ALUMINUM TAPERED TRUSS	
PART NUMBER: MT-TR-TT-06-12-06-06-XXX-AL	

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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TRUSS

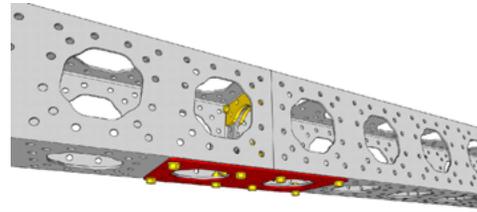
LOAD TABLES





MT-TR-12-12-XXX-AL

12" Aluminum Truss With Splice Plate at Connections



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	23,270 (10,555)	0.04 (1.02)	13,849 (6,282)	0.03 (0.76)	10,387 (4,711)	0.04 (1.02)	6,924 (3,141)	0.04 (1.02)	5,770 (2,617)	0.04 (1.02)
10'-0" (3.05 m)	13,780 (6,250)	0.17 (4.32)	6,888 (3,124)	0.14 (3.56)	5,166 (2,343)	0.17 (4.32)	3,444 (1,562)	0.16 (4.06)	2,870 (1,302)	0.17 (4.32)
15'-0" (4.57 m)	9,105 (4,130)	0.38 (9.65)	4,552 (2,065)	0.31 (7.87)	3,414 (1,549)	0.39 (9.91)	2,276 (1,032)	0.37 (9.40)	1,897 (860)	0.38 (9.65)
20'-0" (6.10 m)	6,740 (3,057)	0.68 (17.27)	3,372 (1,530)	0.55 (13.97)	2,529 (1,147)	0.70 (17.78)	1,686 (765)	0.65 (16.51)	1,405 (637)	0.68 (17.27)
25'-0" (7.62 m)	5,300 (2,404)	1.06 (26.92)	2,655 (1,204)	0.86 (21.84)	1,991 (903)	1.09 (27.69)	1,327 (602)	1.02 (25.91)	1,106 (502)	1.06 (26.92)
30'-0" (9.14 m)	4,350 (1,973)	1.53 (38.86)	2,168 (983)	1.24 (31.50)	1,626 (738)	1.57 (39.88)	1,084 (492)	1.47 (37.34)	903 (410)	1.53 (38.86)
35'-0" (10.67 m)	3,640 (1,651)	2.08 (52.83)	1,814 (823)	1.70 (43.18)	1,360 (617)	2.14 (54.36)	907 (411)	2.01 (51.05)	756 (343)	2.08 (52.83)
40'-0" (12.19 m)	3,080 (1,397)	2.72 (69.09)	1,542 (699)	2.23 (56.64)	1,157 (525)	2.79 (70.87)	771 (350)	2.62 (66.55)	643 (292)	2.72 (69.09)
45'-0" (13.72 m)	2,655 (1,204)	3.44 (87.38)	1,325 (601)	2.85 (72.39)	994 (451)	3.52 (89.41)	663 (301)	3.32 (84.33)	552 (250)	3.44 (87.38)
50'-0" (15.24 m)	2,300 (1,043)	4.25 (107.95)	1,147 (520)	3.54 (89.92)	860 (390)	4.35 (110.49)	574 (260)	4.11 (104.39)	478 (217)	4.25 (107.95)

MAX MOMENT : 17.34 KIP*FT (23.51 kN*m) • MAX SHEAR: 11.66 KIP (51.86 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
- THE TRUSS WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT TRUSS ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
- THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES. ACTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.
- SPlice PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
- EACH SPlice PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPlice CONNECTION DRAWINGS.

12" Aluminum Truss Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)	2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.	
10'-0" (3.05 m)	31,230 (14,166)	3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.	
20'-0" (6.10 m)	26,130 (11,852)	4. LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.	
30'-0" (9.14 m)	21,300 (9,662)		
40'-0" (12.19 m)	16,770 (7,607)		
50'-0" (15.24 m)	12,520 (5,679)		

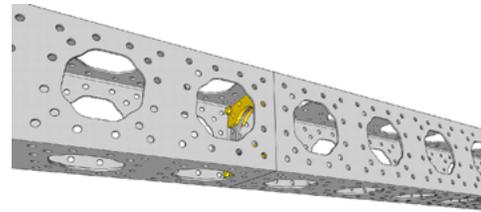
PE Stamped structural Engineering report by by Clark Reder Engineering, Inc • 10091 Mosteller Lane, West Chester, OH 45069-3873 • Phone (513) 851-1223
CRE Project Number [20_419_02](#) • SUBMITTAL DATE: 6/5/2025

ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-12-12-XXX-AL

12" Aluminum Truss
Without Splice Plate at Connections


TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	20,610 (9,349)	0.03 (0.76)	10,306 (4,675)	0.03 (0.76)	7,729 (3,506)	0.03 (0.76)	5,153 (2,337)	0.03 (0.76)	4,294 (1,948)	0.03 (0.76)
10'-0" (3.05 m)	10,230 (4,640)	0.13 (3.30)	5,117 (2,321)	0.10 (2.54)	3,838 (1,741)	0.13 (3.30)	2,558 (1,160)	0.12 (3.05)	2,132 (967)	0.13 (3.30)
15'-0" (4.57 m)	6,735 (3,055)	0.28 (7.11)	3,371 (1,529)	0.23 (5.84)	2,528 (1,147)	0.29 (7.37)	1,686 (765)	0.27 (6.86)	1,405 (637)	0.28 (7.11)
20'-0" (6.10 m)	4,980 (2,259)	0.51 (12.95)	2,486 (1,128)	0.41 (10.41)	1,865 (846)	0.52 (13.21)	1,243 (564)	0.49 (12.45)	1,036 (470)	0.51 (12.95)
25'-0" (7.62 m)	3,900 (1,769)	0.79 (20.07)	1,946 (883)	0.64 (16.26)	1,459 (662)	0.81 (20.57)	973 (441)	0.76 (19.30)	811 (368)	0.79 (20.07)
30'-0" (9.14 m)	3,150 (1,429)	1.14 (28.96)	1,578 (716)	0.93 (23.62)	1,183 (537)	1.17 (29.72)	789 (358)	1.10 (27.94)	657 (298)	1.14 (28.96)
35'-0" (10.67 m)	2,625 (1,191)	1.55 (39.37)	1,308 (593)	1.28 (32.51)	981 (445)	1.59 (40.39)	654 (297)	1.49 (37.85)	545 (247)	1.55 (39.37)
40'-0" (12.19 m)	2,200 (998)	2.02 (51.31)	1,099 (498)	1.68 (42.67)	824 (374)	2.07 (52.58)	550 (249)	1.96 (49.78)	458 (208)	2.02 (51.31)
45'-0" (13.72 m)	1,845 (837)	2.56 (65.02)	932 (423)	2.15 (54.61)	699 (317)	2.62 (66.55)	466 (211)	2.48 (62.99)	388 (176)	2.56 (65.02)
50'-0" (15.24 m)	1,600 (726)	3.16 (80.26)	793 (360)	2.68 (68.07)	595 (270)	3.23 (82.04)	396 (180)	3.07 (77.98)	330 (150)	3.16 (80.26)

MAX MOMENT : 12.91 KIP*FT (17.51 kN*m) • MAX SHEAR: 11.66 KIP (51.86 Kn) • Deflection Limited to L/100

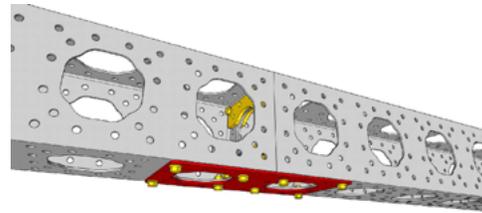
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- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
- THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.

12" Aluminum Truss Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)	2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.	
10'-0" (3.05 m)	31,230 (14,166)	3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.	
20'-0" (6.10 m)	26,130 (11,852)	4. LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.	
30'-0" (9.14 m)	21,300 (9,662)		
40'-0" (12.19 m)	16,770 (7,607)		
50'-0" (15.24 m)	12,520 (5,679)		

 PE Stamped structural Engineering report by Clark Reder Engineering, Inc • 10091 Mosteller Lane, West Chester, OH 45069-3873 • Phone (513) 851-1223
 CRE Project Number [20_419_02](#) • SUBMITTAL DATE: 6/5/2025

 ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

 U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-12-12-XXX-ST
12" Steel Truss
With Splice Plate at Connections


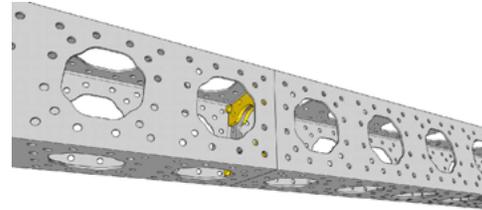
TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	43,515 (19,738)	0.07 (1.78)	26,187 (11,878)	0.06 (1.52)	19,640 (8,909)	0.08 (2.03)	13,094 (5,939)	0.08 (2.03)	10,879 (4,935)	0.08 (2.03)
10'-0" (3.05 m)	25,980 (11,784)	0.32 (8.13)	12,990 (5,892)	0.26 (6.60)	9,743 (4,419)	0.33 (8.38)	6,495 (2,946)	0.31 (7.87)	5,413 (2,455)	0.32 (8.13)
15'-0" (4.57 m)	17,085 (7,750)	0.72 (18.29)	8,545 (3,876)	0.58 (14.73)	6,409 (2,907)	0.74 (18.80)	4,273 (1,938)	0.70 (17.78)	3,560 (1,615)	0.72 (18.29)
20'-0" (6.10 m)	12,580 (5,706)	1.29 (32.77)	6,288 (2,852)	1.04 (26.42)	4,716 (2,139)	1.32 (33.53)	3,144 (1,426)	1.24 (31.50)	2,620 (1,188)	1.29 (32.77)
25'-0" (7.62 m)	9,825 (4,457)	2.01 (51.05)	4,906 (2,225)	1.63 (41.40)	3,680 (1,669)	2.06 (52.32)	2,453 (1,113)	1.93 (49.02)	2,044 (927)	2.01 (51.05)
30'-0" (9.14 m)	7,920 (3,592)	2.89 (73.41)	3,962 (1,797)	2.37 (60.20)	2,972 (1,348)	2.97 (75.44)	1,981 (899)	2.79 (70.87)	1,651 (749)	2.89 (73.41)
35'-0" (10.67 m)	6,545 (2,969)	3.94 (100.08)	3,268 (1,482)	3.25 (82.55)	2,451 (1,112)	4.04 (102.62)	1,634 (741)	3.80 (96.52)	1,362 (618)	3.94 (100.08)
40'-0" (12.19 m)	5,040 (2,286)	4.80 (121.92)	2,730 (1,238)	4.29 (108.97)	1,830 (830)	4.80 (121.92)	1,307 (593)	4.80 (121.92)	1,046 (474)	4.80 (121.92)
45'-0" (13.72 m)	3,600 (1,633)	5.40 (137.16)	2,248 (1,020)	5.40 (137.16)	1,311 (595)	5.40 (137.16)	937 (425)	5.40 (137.16)	749 (340)	5.40 (137.16)
50'-0" (15.24 m)	2,550 (1,157)	6.00 (152.40)	1,587 (720)	6.00 (152.40)	926 (420)	6.00 (152.40)	661 (300)	6.00 (152.40)	529 (240)	6.00 (152.40)

MAX MOMENT : 32.82 KIP*FT (44.5 kN*m) • MAX SHEAR: 21.83 KIP (97.09 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER.
- THE TRUSS WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT TRUSS ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
- THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.
- SPlice PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
- EACH SPlice PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPlice CONNECTION DRAWINGS.

COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	73,050 (33,135)
20'-0" (6.10 m)	67,410 (30,577)
30'-0" (9.14 m)	58,950 (26,739)
40'-0" (12.19 m)	48,860 (22,163)
50'-0" (15.24 m)	38,380 (17,409)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
- ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
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- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.


MT-TR-12-12-XXX-ST
12" Steel Truss
Without Splice Plate at Connections


TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	33,280 (15,096)	0.05 (1.27)	16,639 (7,547)	0.04 (1.02)	12,479 (5,660)	0.05 (1.27)	8,320 (3,774)	0.05 (1.27)	6,933 (3,145)	0.05 (1.27)
10'-0" (3.05 m)	16,430 (7,453)	0.20 (5.08)	8,216 (3,727)	0.16 (4.06)	6,162 (2,795)	0.21 (5.33)	4,108 (1,863)	0.20 (5.08)	3,423 (1,553)	0.20 (5.08)
15'-0" (4.57 m)	10,725 (4,865)	0.46 (11.68)	5,362 (2,432)	0.37 (9.40)	4,022 (1,824)	0.47 (11.94)	2,681 (1,216)	0.44 (11.18)	2,234 (1,013)	0.46 (11.68)
20'-0" (6.10 m)	7,800 (3,538)	0.82 (20.83)	3,901 (1,769)	0.67 (17.02)	2,926 (1,327)	0.84 (21.34)	1,951 (885)	0.79 (20.07)	1,625 (737)	0.82 (20.83)
25'-0" (7.62 m)	6,000 (2,722)	1.28 (32.51)	2,997 (1,359)	1.05 (26.67)	2,247 (1,019)	1.31 (33.27)	1,498 (679)	1.23 (31.24)	1,249 (567)	1.28 (32.51)
30'-0" (9.14 m)	4,740 (2,150)	1.84 (46.74)	2,371 (1,075)	1.53 (38.86)	1,778 (806)	1.89 (48.01)	1,185 (538)	1.78 (45.21)	988 (448)	1.84 (46.74)
35'-0" (10.67 m)	3,815 (1,730)	2.51 (63.75)	1,904 (864)	2.11 (53.59)	1,428 (648)	2.56 (65.02)	952 (432)	2.43 (61.72)	793 (360)	2.51 (63.75)
40'-0" (12.19 m)	3,080 (1,397)	3.27 (83.06)	1,537 (697)	2.79 (70.87)	1,152 (523)	3.34 (84.84)	768 (348)	3.18 (80.77)	640 (290)	3.27 (83.06)
45'-0" (13.72 m)	2,475 (1,123)	4.14 (105.16)	1,235 (560)	3.59 (91.19)	927 (420)	4.22 (107.19)	618 (280)	4.03 (102.36)	515 (234)	4.14 (105.16)
50'-0" (15.24 m)	1,950 (885)	5.12 (130.05)	981 (445)	4.51 (114.55)	736 (334)	5.20 (132.08)	490 (222)	5.00 (127.00)	409 (186)	5.12 (130.05)

MAX MOMENT : 20.89 KIP*FT (28.32 kN*m) • MAX SHEAR: 21.83 KIP (97.09 Kn) • Deflection Limited to L/100

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- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
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- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
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12" Steel Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	73,050 (33,135)
20'-0" (6.10 m)	67,410 (30,577)
30'-0" (9.14 m)	58,950 (26,739)
40'-0" (12.19 m)	48,860 (22,163)
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CRE Project Number [20.419.02](#) • SUBMITTAL DATE: 6/5/2025

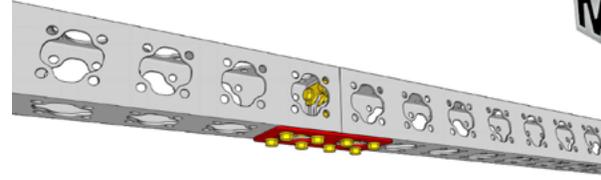
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U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-AL

6" Aluminum Truss With Splice Plate at Connections



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	4,980 (2,259)	0.08 (2.03)	2,490 (1,129)	0.07 (1.78)	1,868 (847)	0.08 (2.03)	1,245 (565)	0.08 (2.03)	1,038 (471)	0.08 (2.03)
10'-0" (3.05 m)	2,460 (1,116)	0.32 (8.13)	1,231 (558)	0.26 (6.60)	923 (419)	0.33 (8.38)	615 (279)	0.31 (7.87)	513 (233)	0.32 (8.13)
15'-0" (4.57 m)	1,605 (728)	0.73 (18.54)	805 (365)	0.59 (14.99)	604 (274)	0.75 (19.05)	402 (182)	0.70 (17.78)	335 (152)	0.73 (18.54)
20'-0" (6.10 m)	1,180 (535)	1.30 (33.02)	587 (266)	1.06 (26.92)	440 (200)	1.33 (33.78)	293 (133)	1.25 (31.75)	245 (111)	1.30 (33.02)
25'-0" (7.62 m)	900 (408)	2.03 (51.56)	452 (205)	1.66 (42.16)	339 (154)	2.08 (52.83)	226 (103)	1.96 (49.78)	189 (86)	2.03 (51.56)
30'-0" (9.14 m)	720 (327)	2.92 (74.17)	360 (163)	2.42 (61.47)	270 (122)	3.00 (76.20)	180 (82)	2.82 (71.63)	150 (68)	2.92 (74.17)

MAX MOMENT : 3.12 KIP*FT (4.24 kN*m) • MAX SHEAR: 4.24 KIP (18.84 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAxIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
- THE TRUSS WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT TRUSS ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
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- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
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- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 6" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.
- SPLICE PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
- EACH SPLICE PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPLICE CONNECTION DRAWINGS.

6" Aluminum Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	8,630 (3,914)
20'-0" (6.10 m)	6,100 (2,767)
30'-0" (9.14 m)	3,930 (1,783)
40'-0" (12.19 m)	2,340 (1,061)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
- ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
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CRE Project Number 20,419,02 • SUBMITTAL DATE: 6/5/2025

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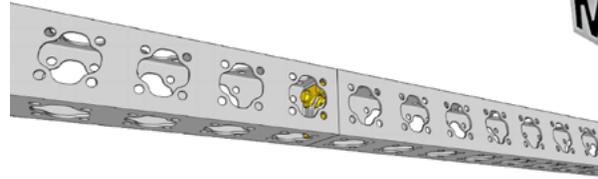
U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-AL

6" Aluminum Truss

Without Splice Plate at Connections



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	3,510 (1,592)	0.06 (1.52)	1,755 (796)	0.05 (1.27)	1,316 (597)	0.06 (1.52)	878 (398)	0.06 (1.52)	731 (332)	0.06 (1.52)
10'-0" (3.05 m)	1,730 (785)	0.23 (5.84)	863 (391)	0.18 (4.57)	648 (294)	0.24 (6.10)	432 (196)	0.22 (5.59)	360 (163)	0.23 (5.84)
15'-0" (4.57 m)	1,125 (510)	0.52 (13.21)	560 (254)	0.42 (10.67)	420 (191)	0.53 (13.46)	280 (127)	0.50 (12.70)	233 (106)	0.52 (13.21)
20'-0" (6.10 m)	800 (363)	0.92 (23.37)	403 (183)	0.75 (19.05)	302 (137)	0.94 (23.88)	202 (92)	0.88 (22.35)	168 (76)	0.92 (23.37)
25'-0" (7.62 m)	600 (272)	1.43 (36.32)	305 (138)	1.19 (30.23)	229 (104)	1.47 (37.34)	153 (69)	1.38 (35.05)	127 (58)	1.43 (36.32)
30'-0" (9.14 m)	480 (218)	2.06 (52.32)	237 (108)	1.73 (43.94)	178 (81)	2.11 (53.59)	119 (54)	2.00 (50.80)	99 (45)	2.06 (52.32)

MAX MOMENT : 2.21 KIP*FT (2.99 kN*m) • MAX SHEAR: 4.24 KIP (18.84 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
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- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
- THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACUTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 6" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.

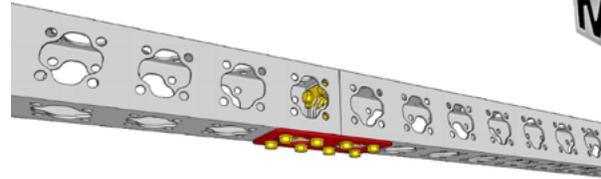
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	8,630 (3,914)
20'-0" (6.10 m)	6,100 (2,767)
30'-0" (9.14 m)	3,930 (1,783)
40'-0" (12.19 m)	2,340 (1,061)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
- ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 6" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.

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CRE Project Number 20.419.02 • SUBMITTAL DATE: 6/5/2025

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U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-ST
6" Steel Truss
With Splice Plate at Connections


TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	11,030 (5,003)	0.18 (4.57)	5,516 (2,502)	0.14 (3.56)	4,137 (1,877)	0.19 (4.83)	2,758 (1,251)	0.17 (4.32)	2,298 (1,042)	0.18 (4.57)
10'-0" (3.05 m)	5,440 (2,468)	0.72 (18.29)	2,722 (1,235)	0.58 (14.73)	2,041 (926)	0.74 (18.80)	1,361 (617)	0.69 (17.53)	1,134 (514)	0.72 (18.29)
15'-0" (4.57 m)	3,555 (1,613)	1.62 (41.15)	1,774 (805)	1.31 (33.27)	1,330 (603)	1.66 (42.16)	887 (402)	1.56 (39.62)	739 (335)	1.62 (41.15)
20'-0" (6.10 m)	2,120 (962)	2.40 (60.96)	1,288 (584)	2.34 (59.44)	771 (350)	2.40 (60.96)	551 (250)	2.40 (60.96)	441 (200)	2.40 (60.96)
25'-0" (7.62 m)	1,225 (556)	3.00 (76.20)	772 (350)	3.00 (76.20)	450 (204)	3.00 (76.20)	322 (146)	3.00 (76.20)	257 (117)	3.00 (76.20)
30'-0" (9.14 m)	750 (340)	3.60 (91.44)	459 (208)	3.60 (91.44)	268 (122)	3.60 (91.44)	191 (87)	3.60 (91.44)	153 (69)	3.60 (91.44)

MAX MOMENT : 6.93 KIP*FT (9.39 kN*m) • MAX SHEAR: 9.4 KIP (41.8 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER.
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- SPlice PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
- EACH SPlice PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPlice CONNECTION DRAWINGS.

6" Steel Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	29,060 (13,181)
20'-0" (6.10 m)	21,000 (9,525)
30'-0" (9.14 m)	12,200 (5,534)
40'-0" (12.19 m)	6,860 (3,112)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
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CRE Project Number 20_419_02 • SUBMITTAL DATE: 6/5/2025

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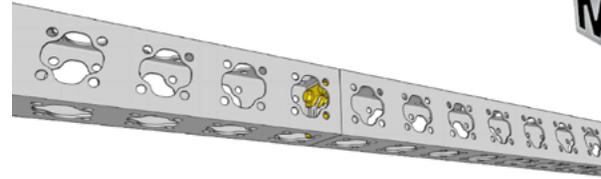
U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-ST

6" Steel Truss

Without Splice Plate at Connections



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	6,445 (2,923)	0.11 (2.79)	3,221 (1,461)	0.08 (2.03)	2,416 (1,096)	0.11 (2.79)	1,611 (731)	0.10 (2.54)	1,342 (609)	0.11 (2.79)
10'-0" (3.05 m)	3,150 (1,429)	0.42 (10.67)	1,574 (714)	0.34 (8.64)	1,181 (536)	0.43 (10.92)	787 (357)	0.41 (10.41)	656 (298)	0.42 (10.67)
15'-0" (4.57 m)	2,025 (919)	0.95 (24.13)	1,009 (458)	0.77 (19.56)	757 (343)	0.97 (24.64)	505 (229)	0.91 (23.11)	420 (191)	0.95 (24.13)
20'-0" (6.10 m)	1,420 (644)	1.69 (42.93)	714 (324)	1.39 (35.31)	536 (243)	1.73 (43.94)	357 (162)	1.63 (41.40)	298 (135)	1.69 (42.93)
25'-0" (7.62 m)	1,050 (476)	2.64 (67.06)	528 (239)	2.21 (56.13)	396 (180)	2.70 (68.58)	264 (120)	2.55 (64.77)	220 (100)	2.64 (67.06)
30'-0" (9.14 m)	750 (340)	3.60 (91.44)	395 (179)	3.24 (82.30)	268 (122)	3.60 (91.44)	191 (87)	3.60 (91.44)	153 (69)	3.60 (91.44)

MAX MOMENT : 4.06 KIP*FT (5.5 kN*m) • MAX SHEAR: 9.4 KIP (41.8 Kn) • Deflection Limited to L/100

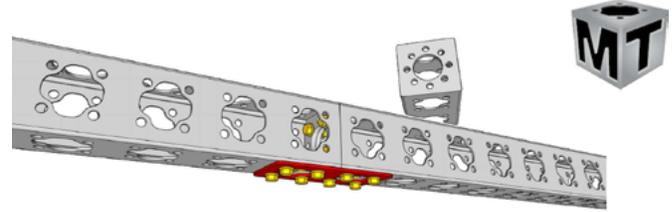
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6" Steel Truss Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)	2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.	
10'-0" (3.05 m)	29,060 (13,181)	3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.	
20'-0" (6.10 m)	21,000 (9,525)	4. LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 6" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.	
30'-0" (9.14 m)	12,200 (5,534)		
40'-0" (12.19 m)	6,860 (3,112)		

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CRE Project Number 20.419.02 • SUBMITTAL DATE: 6/5/2025

ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-AR

6" Aluminum Reinforced Truss With Splice Plate at Connections

TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD <small>Total Load = Point Load x 2</small>		QUARTER POINT LOAD <small>Total Load = Point Load x 3</small>		FIFTH POINT LOAD <small>Total Load = Point Load x 4</small>	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	8,930 (4,051)	0.12 (3.05)	4,466 (2,026)	0.10 (2.54)	3,349 (1,519)	0.13 (3.30)	2,233 (1,013)	0.12 (3.05)	1,861 (844)	0.12 (3.05)
10'-0" (3.05 m)	4,430 (2,009)	0.49 (12.45)	2,217 (1,006)	0.39 (9.91)	1,663 (754)	0.50 (12.70)	1,109 (503)	0.47 (11.94)	924 (419)	0.49 (12.45)
15'-0" (4.57 m)	2,925 (1,327)	1.10 (27.94)	1,461 (663)	0.89 (22.61)	1,096 (497)	1.13 (28.70)	731 (332)	1.06 (26.92)	609 (276)	1.10 (27.94)
20'-0" (6.10 m)	2,160 (980)	1.96 (49.78)	1,078 (489)	1.58 (40.13)	808 (367)	2.01 (51.05)	539 (244)	1.88 (47.75)	449 (204)	1.96 (49.78)
25'-0" (7.62 m)	1,650 (748)	3.00 (76.20)	844 (383)	2.48 (62.99)	603 (274)	3.00 (76.20)	422 (191)	2.94 (74.68)	344 (156)	3.00 (76.20)
30'-0" (9.14 m)	1,110 (503)	3.60 (91.44)	684 (310)	3.60 (91.44)	400 (181)	3.60 (91.44)	286 (130)	3.60 (91.44)	228 (103)	3.60 (91.44)

MAX MOMENT : 5.59 KIP*FT (7.59 kN*m) • MAX SHEAR: 5.49 KIP (24.43 Kn) • Deflection Limited to L/100

1. ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAxIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
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6. THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
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13. LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS.
14. SPLICE PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
15. EACH SPLICE PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPLICE CONNECTION DRAWINGS.

6" Aluminum Reinforced Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	30,520 (13,844)
20'-0" (6.10 m)	12,260 (5,561)
30'-0" (9.14 m)	5,450 (2,472)
40'-0" (12.19 m)	3,060 (1,388)

1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
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CRE Project Number 24,419,18 • SUBMITTAL DATE: 6/5/2025

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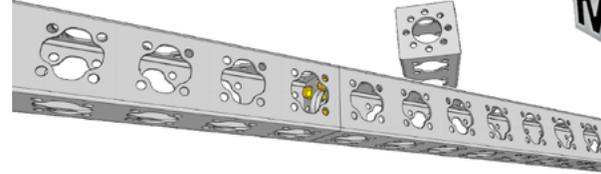
U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-06-06-XXX-AR

6" Aluminum Reinforced Truss

Without Splice Plate at Connections



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	5,750 (2,608)	0.08 (2.03)	2,874 (1,304)	0.06 (1.52)	2,155 (977)	0.08 (2.03)	1,437 (652)	0.08 (2.03)	1,197 (543)	0.08 (2.03)
10'-0" (3.05 m)	2,840 (1,288)	0.32 (8.13)	1,422 (645)	0.25 (6.35)	1,066 (484)	0.32 (8.13)	711 (323)	0.30 (7.62)	592 (269)	0.32 (8.13)
15'-0" (4.57 m)	1,860 (844)	0.71 (18.03)	931 (422)	0.57 (14.48)	698 (317)	0.73 (18.54)	465 (211)	0.68 (17.27)	388 (176)	0.71 (18.03)
20'-0" (6.10 m)	1,360 (617)	1.26 (32.00)	680 (308)	1.02 (25.91)	510 (231)	1.30 (33.02)	340 (154)	1.21 (30.73)	283 (128)	1.26 (32.00)
25'-0" (7.62 m)	1,050 (476)	1.97 (50.04)	526 (239)	1.61 (40.89)	394 (179)	2.02 (51.31)	263 (119)	1.90 (48.26)	219 (99)	1.97 (50.04)
30'-0" (9.14 m)	840 (381)	2.84 (72.14)	419 (190)	2.34 (59.44)	314 (142)	2.91 (73.91)	210 (95)	2.74 (69.60)	175 (79)	2.84 (72.14)

MAX MOMENT : 3.61 KIP*FT (4.89 kN*m) • MAX SHEAR: 5.49 KIP (24.43 Kn) • Deflection Limited to L/100

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- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS.

COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	30,520 (13,844)
20'-0" (6.10 m)	12,260 (5,561)
30'-0" (9.14 m)	5,450 (2,472)
40'-0" (12.19 m)	3,060 (1,388)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
- ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS.

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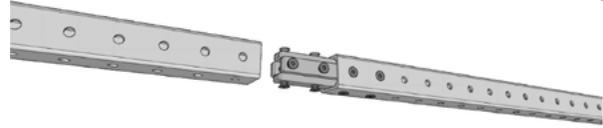
CRE Project Number 24,419,18 • SUBMITTAL DATE: 6/5/2025

ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-03-03-XXX-AL

3" Aluminum Truss With Splice (Splice Bars at Connection)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	3,150 (1,429)	0.26 (6.60)	1,576 (715)	0.21 (5.33)	1,182 (536)	0.27 (6.86)	788 (357)	0.25 (6.35)	656 (298)	0.26 (6.60)
10'-0" (3.05 m)	1,550 (703)	1.04 (26.42)	776 (352)	0.84 (21.34)	582 (264)	1.07 (27.18)	388 (176)	1.00 (25.40)	323 (147)	1.04 (26.42)
15'-0" (4.57 m)	765 (347)	1.80 (45.72)	476 (216)	1.80 (45.72)	278 (126)	1.80 (45.72)	198 (90)	1.80 (45.72)	159 (72)	1.80 (45.72)
20'-0" (6.10 m)	400 (181)	2.40 (60.96)	245 (111)	2.40 (60.96)	143 (65)	2.40 (60.96)	102 (46)	2.40 (60.96)	82 (37)	2.40 (60.96)
25'-0" (7.62 m)	225 (102)	3.00 (76.20)	133 (60)	3.00 (76.20)	78 (35)	3.00 (76.20)	56 (25)	3.00 (76.20)	44 (20)	3.00 (76.20)

MAX MOMENT : 1.98 KIP*FT (2.68 kN*m) • MAX SHEAR: 7.31 KIP (32.52 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAxIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
- THE TRUSS WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT TRUSS ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE TRUSS.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
- THE SELF-WEIGHT OF THE TRUSS HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
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- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- SPLICE BARS ASSUMED TO BE INSTALLED INSIDE OF THE MODTRUSS AT ALL (4) SIDES.
- EACH SPLICE BAR SHALL HAVE (4) 1/2"Ø BOLTS, (2) ON EACH SIDE OF CONNECTION.

3" Aluminum Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	10,850 (4,921)
20'-0" (6.10 m)	2,710 (1,229)
30'-0" (9.14 m)	1,210 (549)
40'-0" (12.19 m)	680 (308)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
- ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
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CRE Project Number 24,419,24 • SUBMITTAL DATE: 4/4/2025

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U.S. Patent No. 8,418,425 & other patents pending
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MT-TR-03-03-XXX-AL

3" Aluminum Truss Without Splice (Continuous Member)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	6,125 (2,778)	0.51 (12.95)	3,063 (1,389)	0.41 (10.41)	2,297 (1,042)	0.52 (13.21)	1,531 (694)	0.49 (12.45)	1,276 (579)	0.51 (12.95)
10'-0" (3.05 m)	1,790 (812)	1.20 (30.48)	1,117 (507)	1.20 (30.48)	652 (296)	1.20 (30.48)	466 (211)	1.20 (30.48)	372 (169)	1.20 (30.48)
15'-0" (4.57 m)	765 (347)	1.80 (45.72)	476 (216)	1.80 (45.72)	278 (126)	1.80 (45.72)	198 (90)	1.80 (45.72)	159 (72)	1.80 (45.72)
20'-0" (6.10 m)	400 (181)	2.40 (60.96)	245 (111)	2.40 (60.96)	143 (65)	2.40 (60.96)	102 (46)	2.40 (60.96)	82 (37)	2.40 (60.96)

MAX MOMENT : 3.84 KIP*FT (5.20 kN*m) • MAX SHEAR: 7.31 KIP (32.52 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
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- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE TRUSS.
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3" Aluminum Truss Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	10,850 (4,921)
20'-0" (6.10 m)	2,710 (1,229)
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- EACH SPLICE BAR SHALL HAVE (4) 1/2"Ø BOLTS. (2) ON EACH SIDE OF CONNECTION.

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CRE Project Number 24,419,24 • SUBMITTAL DATE: 4/4/2025

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TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

EXTRUSION

Many Advantages Of Mod**Truss** Extrusion:

- 
 The Mod**Truss** Extrusion series directly interfaces with the entire Mod**Truss** product line including the Mod**Truss** Truss lines and Accessories.
- 
 No welded product = No heat affected zone = Higher load ratings.
- 
 Rigging points, lighting, A/V mounts, etc have infinite placement along the Extrusion T-Track.
- 
 Long Clear Spans. Continuous lengths up to 20'.
- 
 Each Mod**Truss** extrusion profile has T-tracks on all 4 sides that can be utilized with motion accessories such as trolleys and sliders.
- 
 Keder Track: The “Keder Track” in each corner of the Mod**Truss** Extrusions allows for easy integration of curtains, banners, tent skins, and more.
- 
 Modern, Sleek, Low Profile Design.

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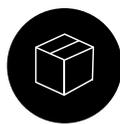
GL

6" x 12" Aluminum T-Track Extrusion

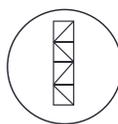


MT-EX-06-12-XXX-AL

Standard Material	6063 - T6 Aluminum
Standard Finish	51- Black Anodized
Available Finish(es)	02- No Finish 20-30 Powder Coated 50-51 Anodized
Size	6" x 12" x User defined length (152.40mm x 304.80mm x User defined length) Max length per piece 20'
Weight	14.58lbs (6.61kg)/ft* *Weight per foot can vary
Track Size	T-Slot: 0.656" x 1.312" (16.67mm x 33.34mm) Keyway (aka Keder Track or Screw-boss): 10.5mm
Recommended Hardware	Mod Truss Nut Bars Mod Truss Insert Nuts 3" Blind Connector - MT-HW-BC-03-03-AS
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



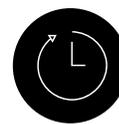
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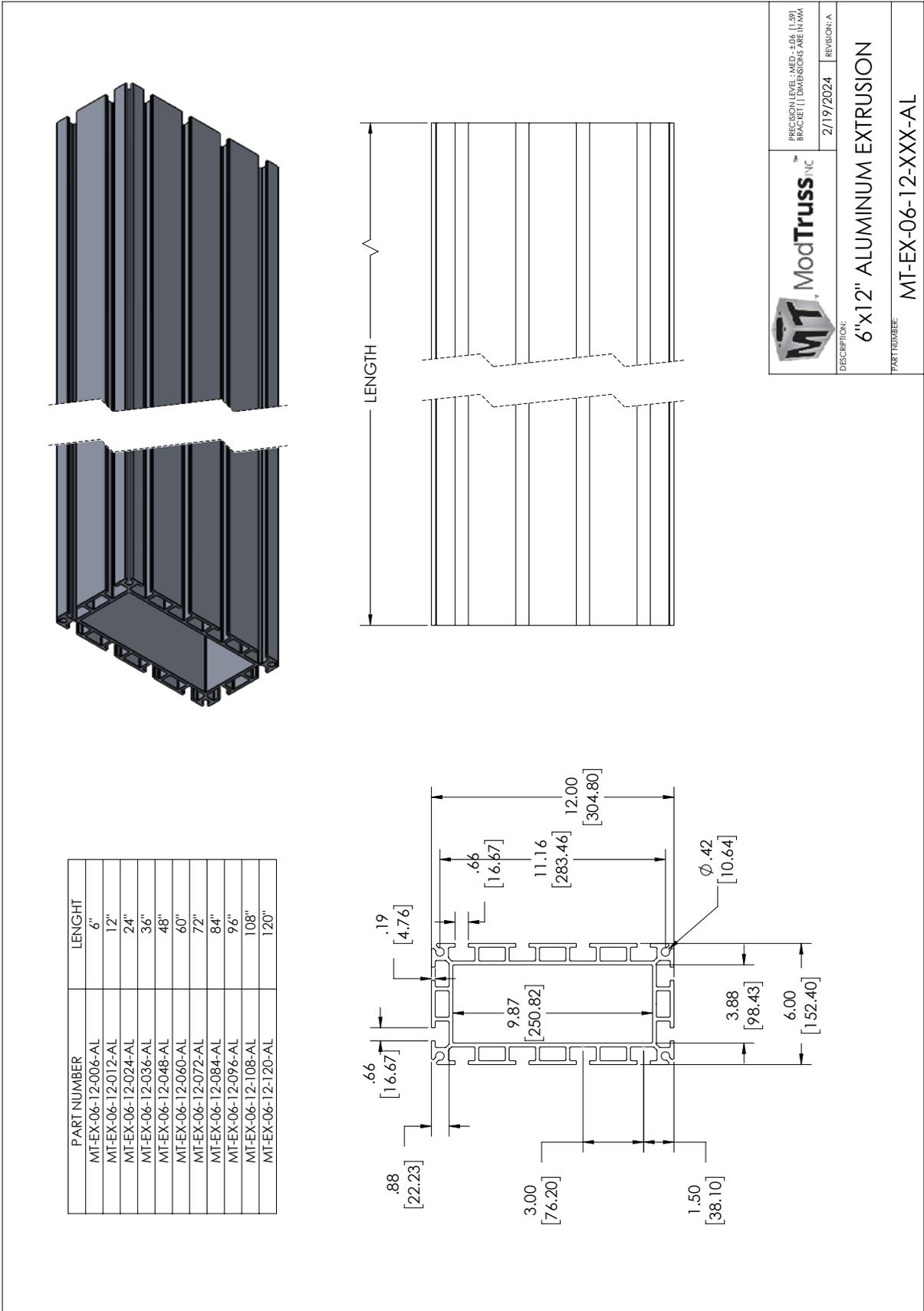
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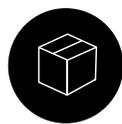


6" x 6" Aluminum T-Track Extrusion

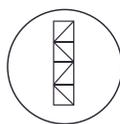


MT-EX-06-06-XXX-AL

Standard Material	6063 - T6 Aluminum
Standard Finish	51- Black Anodized
Available Finish(es)	01- Brush 20-30 Powder Coated 50-51 Anodized
Size	6" x 6" x User defined length (152.40mm x 152.40mm x User defined length) Max length per piece 20'
Weight	10.11lbs (4.59 Kg)/ft* *Weight per foot can vary
Track Size	T-Slot: 0.656" x 1.312" (16.67mm x 33.34mm) Keyway (aka Keder Track or Screw-boss): 10.5mm
Recommended Hardware	Mod Truss Nut Bars Mod Truss Insert Nuts 3" Blind Connector - MT-HW-BC-03-03-AS
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



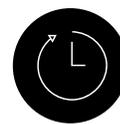
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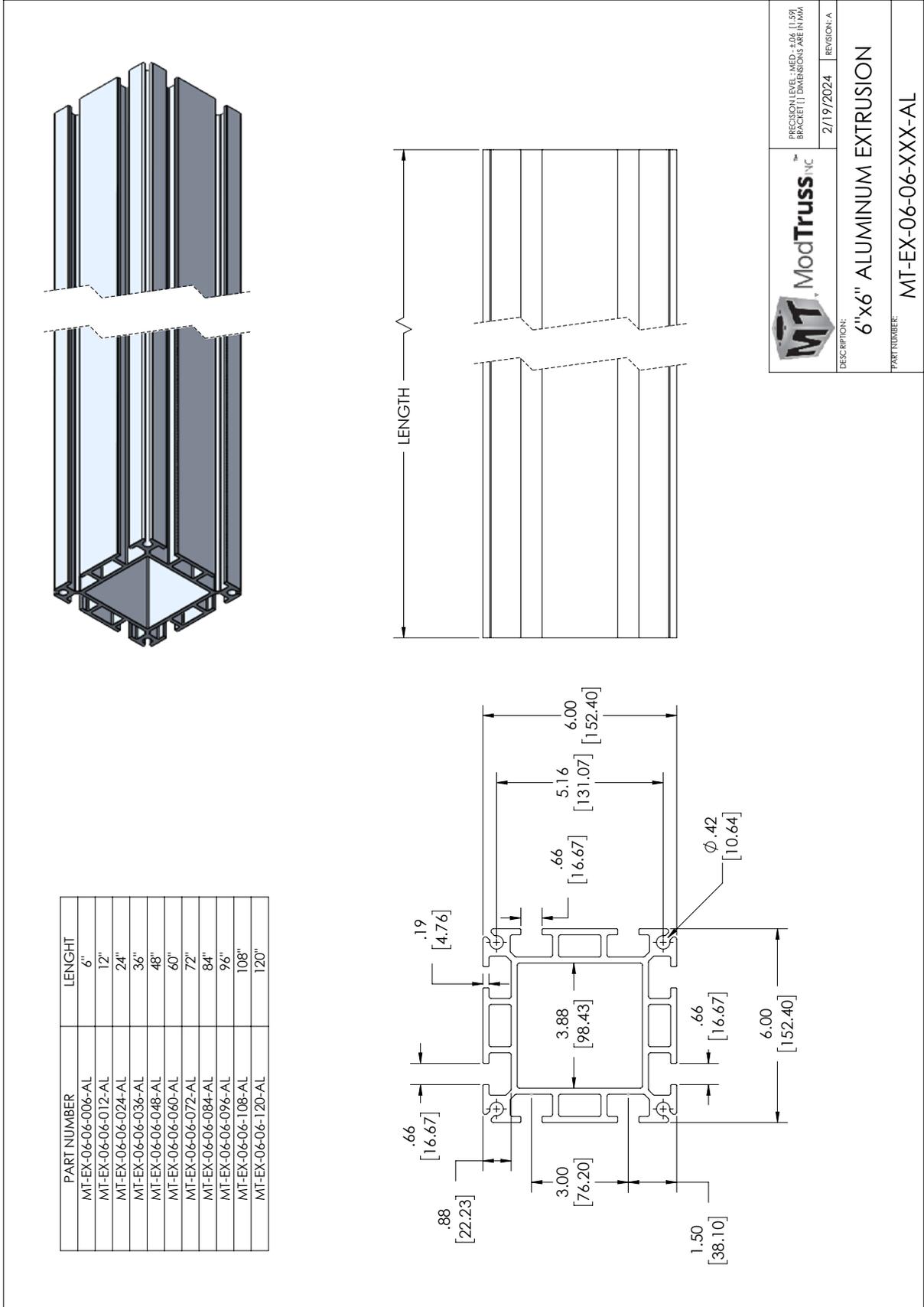
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PRECISION LEVEL - MED. ±.04 (1.58)
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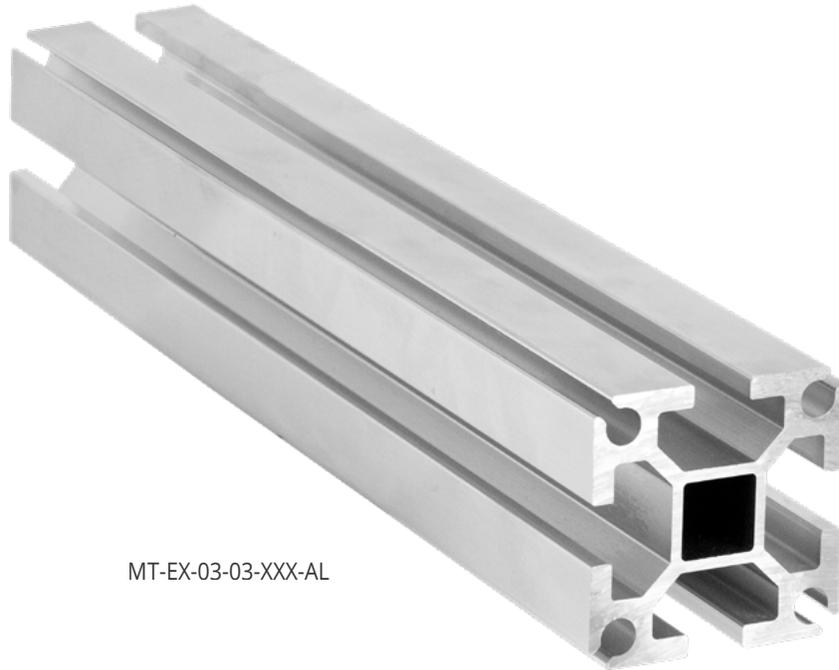
2/19/2024 REVISION: A

DESCRIPTION:
6"x6" ALUMINUM EXTRUSION

PART NUMBER:
MT-EX-06-06-XXX-AL

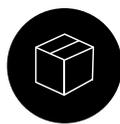
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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3" x 3" Aluminum T-Track Extrusion

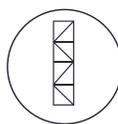


MT-EX-03-03-XXX-AL

Standard Material	6061-T6 Aluminum
Standard Finish	02- No Finish
Available Finish(es)	01- Brush 50-51 Anodized 20-30 Powder Coated
Size	3" x 3" User defined length (76.20mm x User defined length) Max length per piece 20'
Weight	3.56lbs (1.61kg)/ft* *Weight per foot can vary
Track size	T-Slot: 0.656" x 1.50" (16.67mm x 38.10mm) Keyway (aka Keder Track or Screw-boss): 10.5mm
Recommended Hardware	Mod Truss Nut Bars Mod Truss Insert Nuts 3" Blind Connector - MT-HW-BC-03-03-AS
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



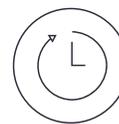
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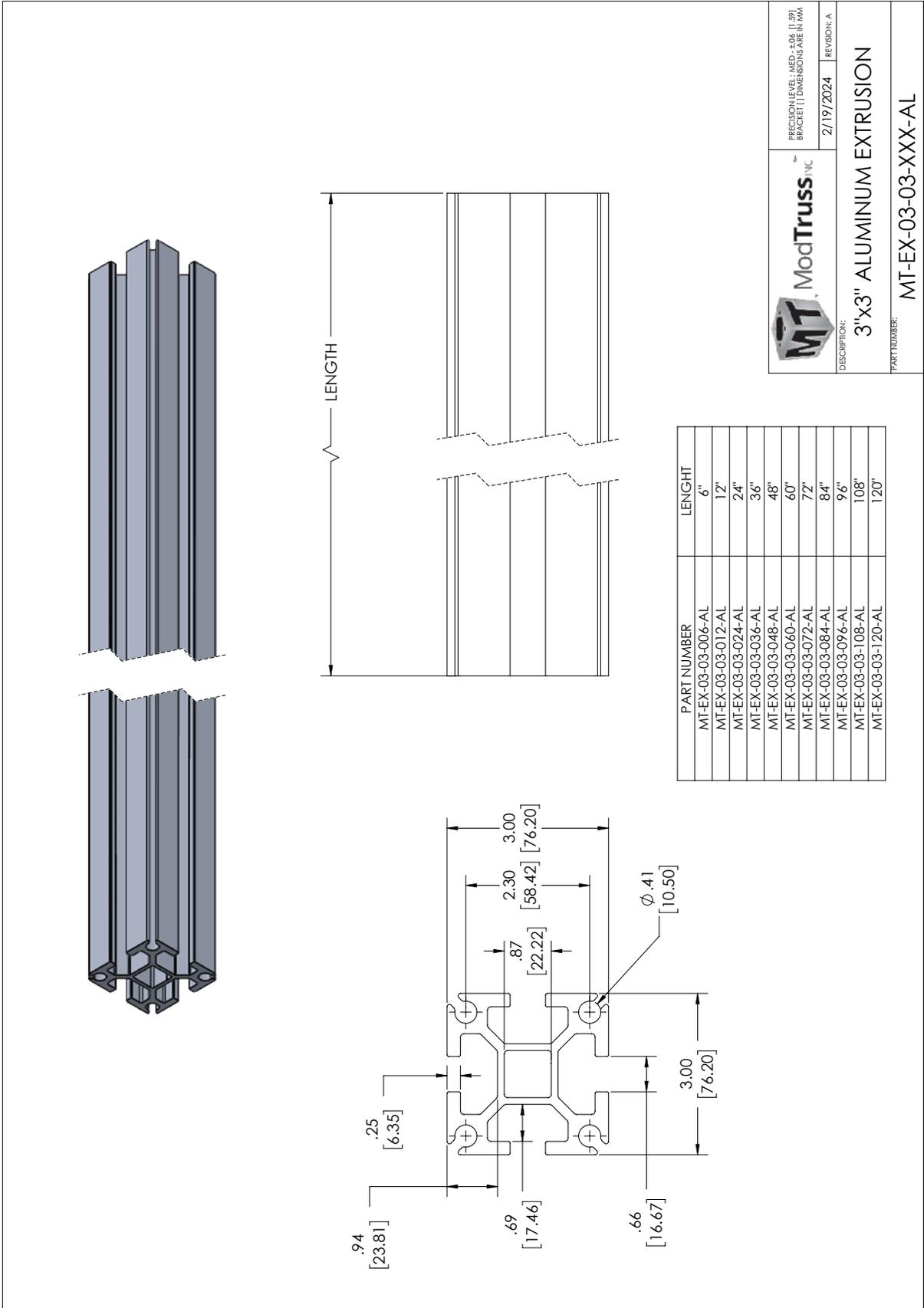
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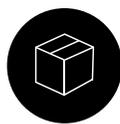


6" x 12" Extrusion Splice Tube

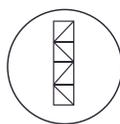


MT-EX-SP-7500-0975-0375

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Size	60" (152.4mm) x 9.75" (247.65mm)
Weight	93.8lbs (42.5kg)
Bolt Hole Size	49/64"
Recommended Hardware	3/4" - 10 Thread x 7.5" Grade 8 Hex Bolt 3/4 - 10 Thread Grade 8 Hex Nut 3/4 SAE Grade 8 Washer
Recommended Tools	Tool Kit 1



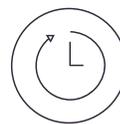
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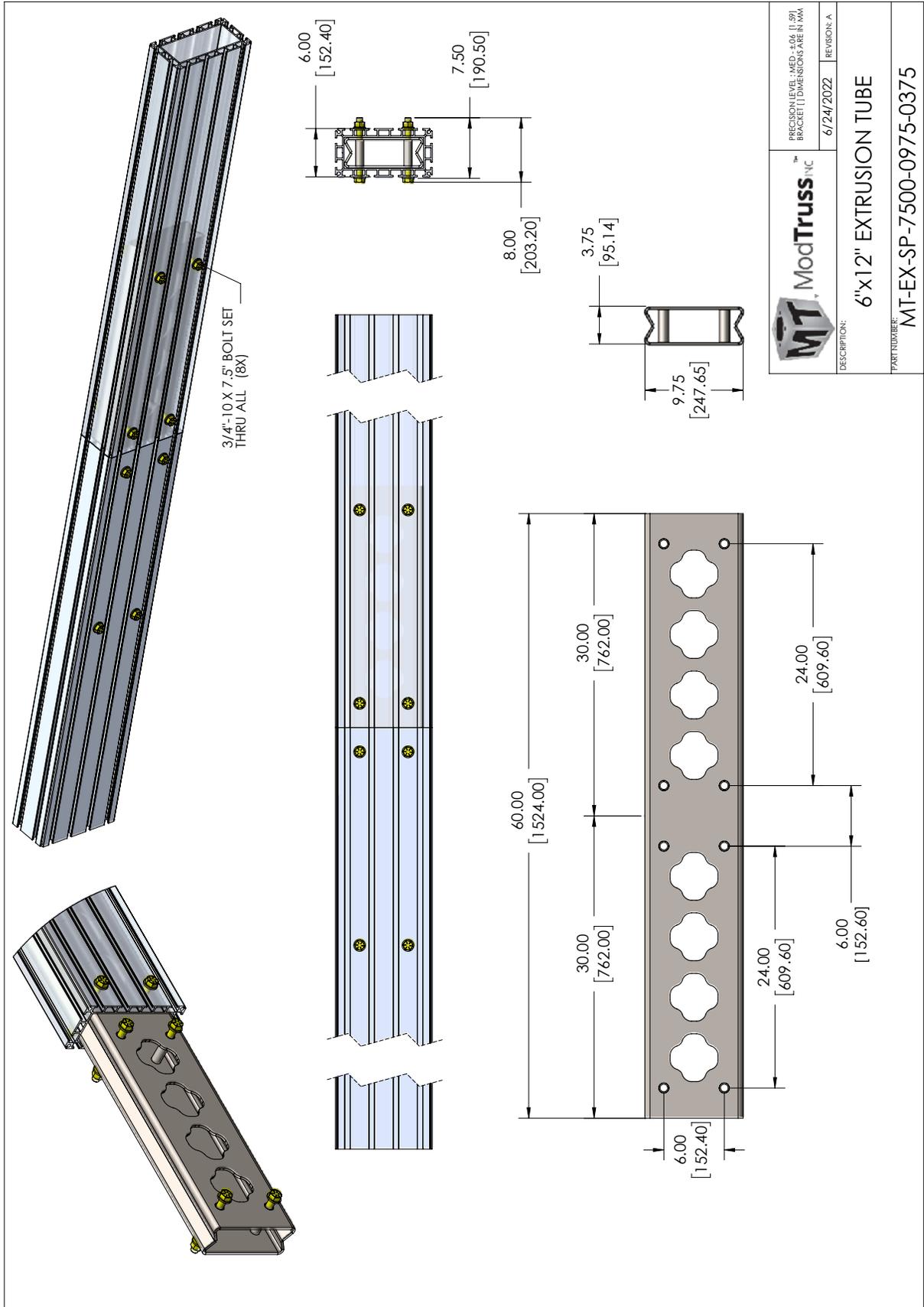
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Made To
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TR

EX

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Extrusion End Plugs

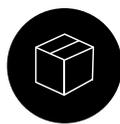


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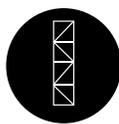


MT-EX-EP-06-06-12-12-090

Standard Material	A36 Low Carbon Steel
Standard Finish	21- Powder Coated Flat Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	35.35lbs (16.02kg)
Bolt Hole Size	Plate 11/16" Plug 9/16"
Recommended Hardware	1/2" -13 x 2.5" Length Grade 8 Bolt 1/2" -13 Thread Hex Nut Grade 8 1/2 SAE Grade 8 Washer
Recommended Tools	Tool Kit 1



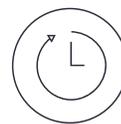
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Compatible

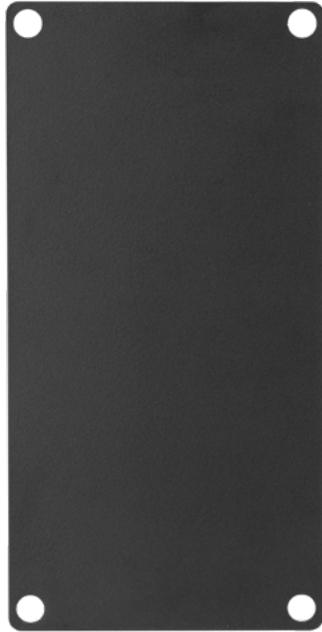


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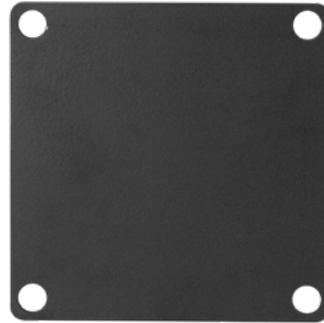


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Extrusion End Caps



MT-EX-EC-KD-PL-0013-06-12

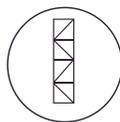


MT-EX-EC-KD-PL-0013-06-06

Standard Material	5052-H32 Aluminum
Standard Finish	21- Powder Coated Flat Black
Available Finish(es)	20-30 Powder Coated
Weight	6" x 12" 0.85lbs (0.3861kg) 6" x 6" 0.40lbs (0.1814kg)
Recommended Hardware	3/8" Expansion Hardware
Recommended Tools	Tool Kit 1 Adjustable Wrench



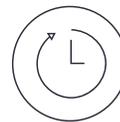
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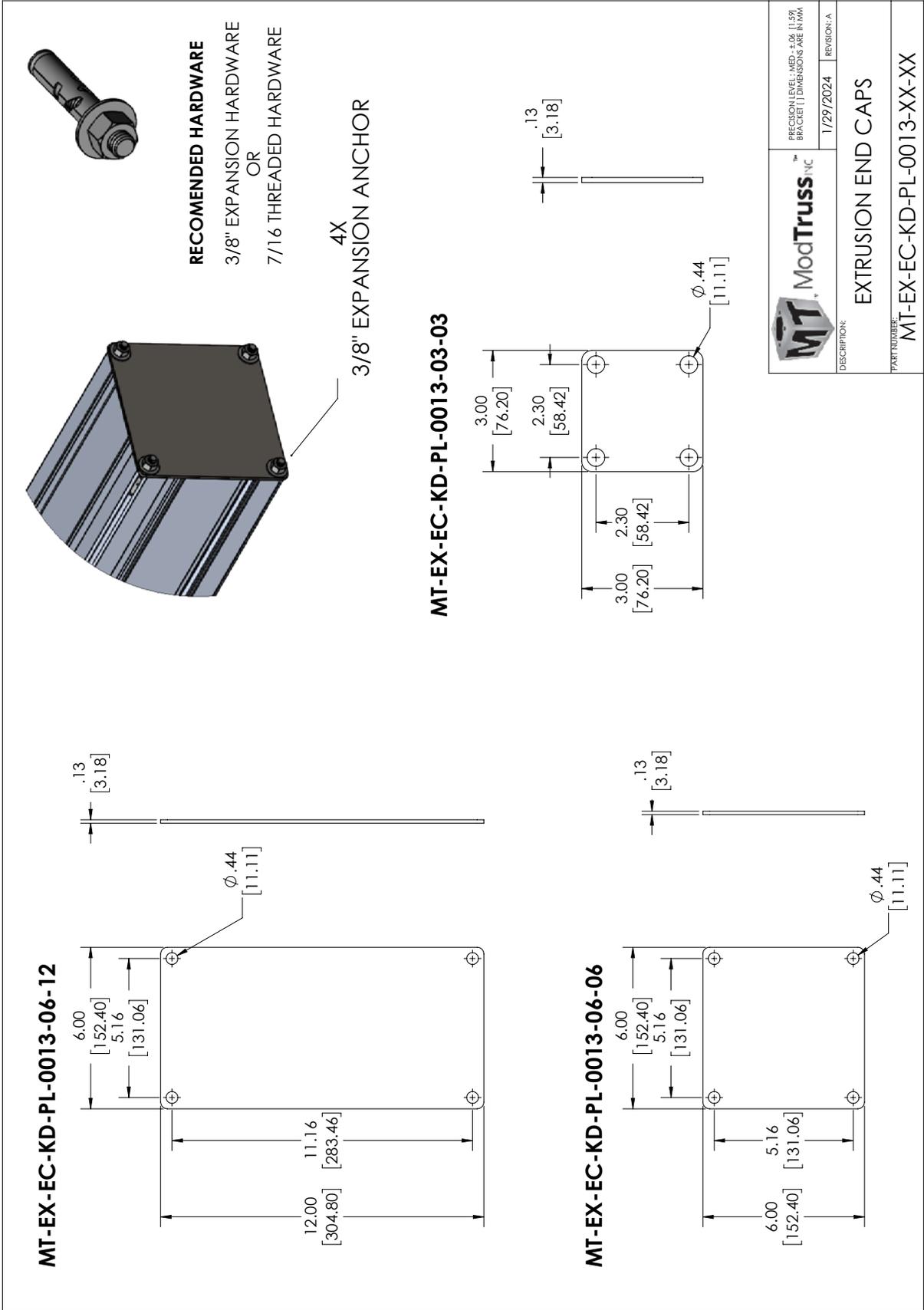
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Made To Order



Extrusion T-Slot Pipe

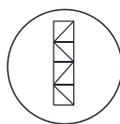


MT-EX-0190-RT-XXX-AL

Standard Material	6061-T6 Aluminum
Standard Finish	02- Mill
Available Finish(es)	01- Brush 20-30 Powder Coated 50-51 Anodized
Size	1.9" OD X User Defined Length (48.26mm x User Defined Length) Max Length per piece 20'
Weight	1.10lbs (0.50kg) per foot
Track size	T-Slot 0.656" x 1.312" (16.67mm x 33.34mm)
Recommended Hardware	Inert Nuts
Recommended Tools	Tool Kit 1 Miter Saw



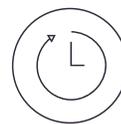
In Stock



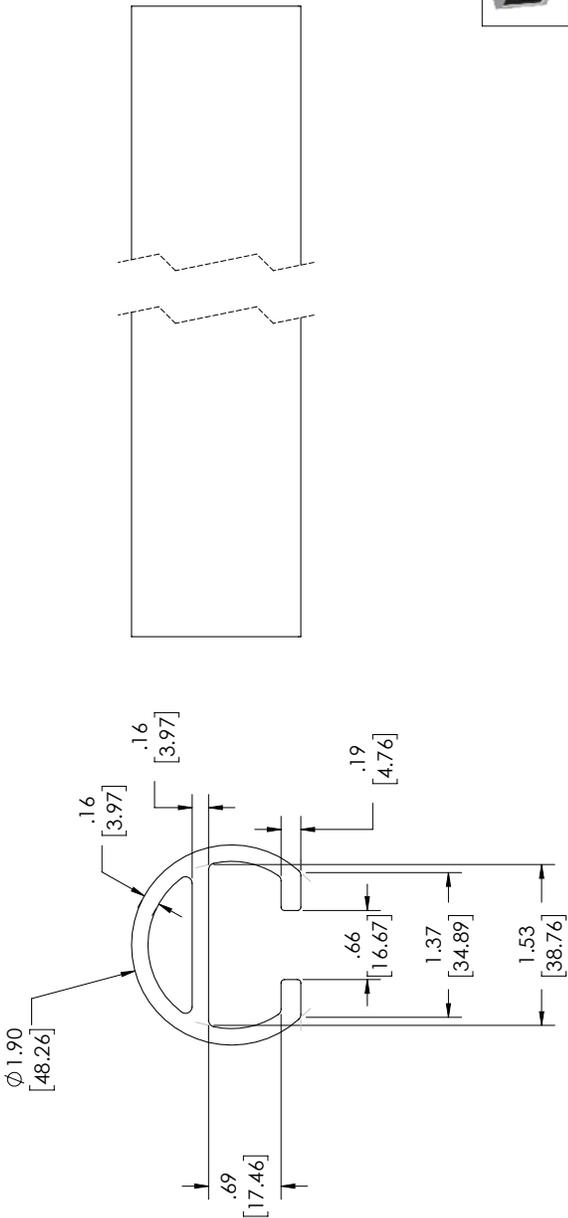
Compatible



Serialized &
Traceable



Made To
Order

LENGHT	PART NUMBER
12"	MT-EX-0190-RT-012-AL
24"	MT-EX-0190-RT-024-AL
36"	MT-EX-0190-RT-036-AL
48"	MT-EX-0190-RT-048-AL
60"	MT-EX-0190-RT-060-AL
72"	MT-EX-0190-RT-072-AL
84"	MT-EX-0190-RT-084-AL
96"	MT-EX-0190-RT-096-AL
108"	MT-EX-0190-RT-108-AL
120"	MT-EX-0190-RT-120-AL



PRECISION LEVEL - MED. ±0.4 (1.5%)
BRACKET (1) DIMENSIONS ARE IN MM

6/10/2019 REVISION: V1

DESCRIPTION:
EXTRUSION T-SLOT PIPE

PART NUMBER:
MT-EX-0190-RT-XXX-AL

3" Frame Rail Extrusion

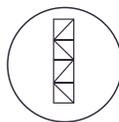


MT-EX-03-FR-XXX-AL

Standard Material	6061-T6 Aluminum
Standard Finish	50- Anodized Clear
Available Finish(es)	20-30 Powder Coated 50-51 Anodized
Size	3.0" x 1.88" x User Defined Length (76.20mm x 47.63mm x User Defined Length) Max Length per piece 20'
Weight	1.5lbs (0.68kg) per foot
Recommended Hardware	1/4" x 1" Steel Pop Rivets
Recommended Tools	Tool Kit 1 Pneumatic pop rivet gun
Pro Tip	XXX = Length in inches (EX length is cut to order)



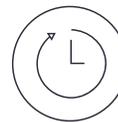
In Stock



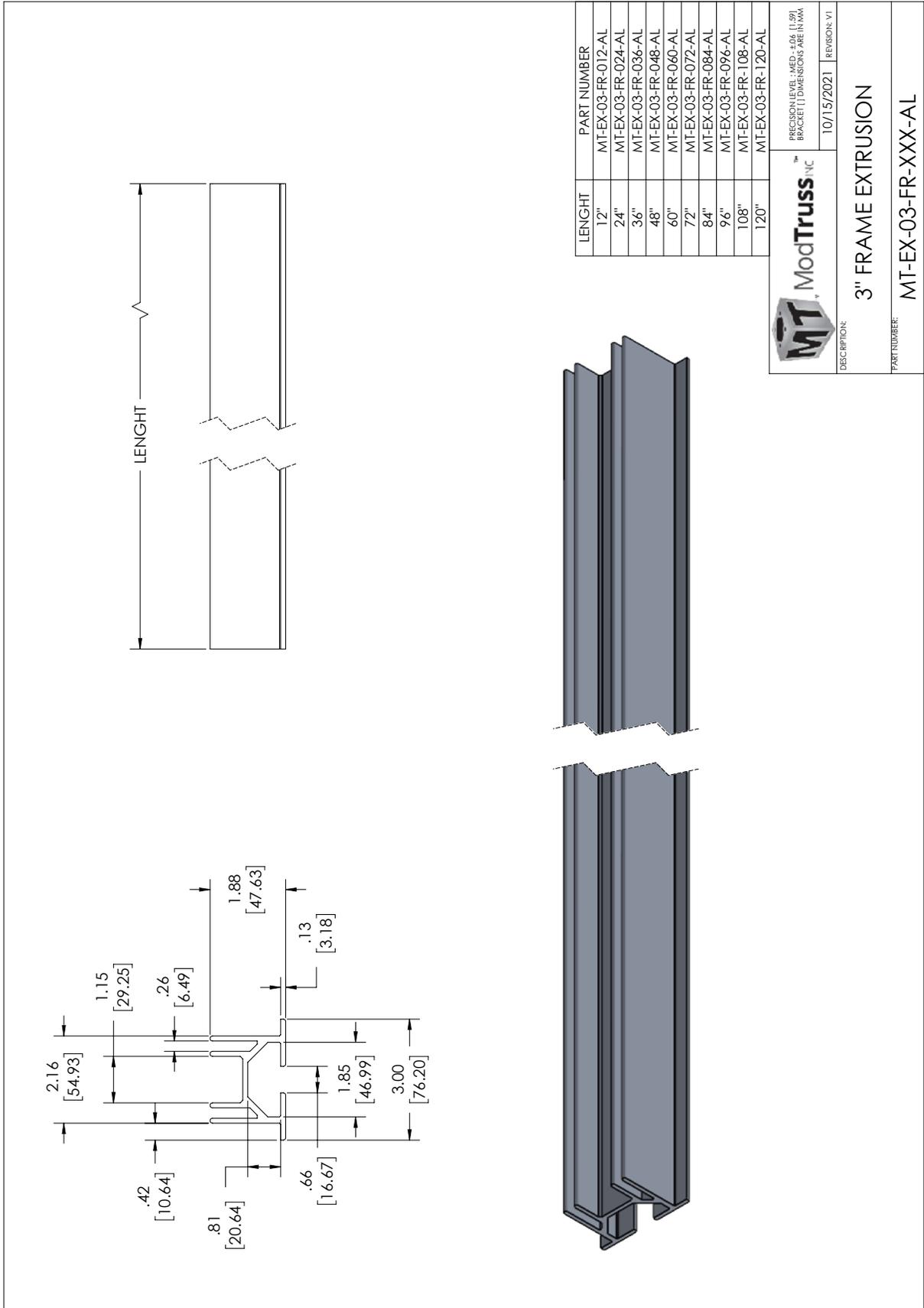
Compatible



Serialized &
Traceable



Made To
Order



LENGTH	PART NUMBER
12"	MT-EX-03-FR-012-AL
24"	MT-EX-03-FR-024-AL
36"	MT-EX-03-FR-036-AL
48"	MT-EX-03-FR-048-AL
60"	MT-EX-03-FR-060-AL
72"	MT-EX-03-FR-072-AL
84"	MT-EX-03-FR-084-AL
96"	MT-EX-03-FR-096-AL
108"	MT-EX-03-FR-108-AL
120"	MT-EX-03-FR-120-AL

ModTruss^{INC}

PRECISION LEVEL - MED. +04 (-04) (.5%)
BRACKET () DIMENSIONS ARE IN MM

10/15/2021 | REVISION: VI

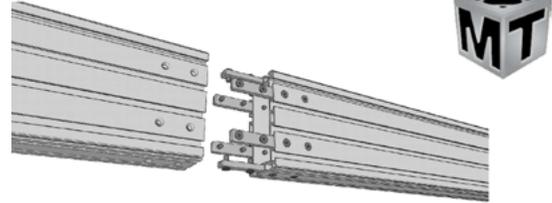
DESCRIPTION:
3" FRAME EXTRUSION

PART NUMBER:
MT-EX-03-FR-XXX-AL

TR
EX
PL
JH
PA
HG
MO
RG
AC
HW
TK
MH
FT
GL

EXTRUSION

LOAD TABLES


MT-EX-06-12-XXX-AL
**6"x12" T Track Extrusion With Splice
(Splice Bars at Connection)**

TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	12,916 (5,858)	0.02 (0.41)	12,916 (5,858)	0.03 (0.66)	6,458 (2,929)	0.02 (0.57)	4,305 (1,953)	0.02 (0.53)	3,229 (1,465)	0.02 (0.50)
10'-0" (3.05 m)	12,837 (5,823)	0.13 (3.31)	12,797 (5,805)	0.21 (5.26)	6,418 (2,911)	0.18 (4.53)	4,279 (1,941)	0.17 (4.23)	3,209 (1,456)	0.16 (3.96)
15'-0" (4.57 m)	12,757 (5,787)	0.44 (11.17)	8,466 (3,840)	0.47 (11.85)	6,349 (2,880)	0.60 (15.18)	4,233 (1,920)	0.56 (14.18)	3,189 (1,447)	0.53 (13.37)
20'-0" (6.10 m)	12,560 (5,697)	1.03 (26.24)	6,280 (2,849)	0.83 (21.12)	4,710 (2,136)	1.06 (26.98)	3,140 (1,424)	0.99 (25.22)	2,617 (1,187)	1.03 (26.24)
25'-0" (7.62 m)	9,906 (4,493)	1.61 (41.01)	4,953 (2,247)	1.30 (33.12)	3,715 (1,685)	1.66 (42.13)	2,476 (1,123)	1.55 (39.43)	2,064 (936)	1.61 (41.01)
30'-0" (9.14 m)	8,110 (3,678)	2.32 (59.05)	4,055 (1,839)	1.89 (47.89)	3,041 (1,379)	2.39 (60.64)	2,027 (920)	2.24 (56.82)	1,689 (766)	2.32 (59.05)
35'-0" (10.67 m)	6,804 (3,086)	3.16 (80.37)	3,402 (1,543)	2.58 (65.51)	2,552 (1,157)	3.25 (82.50)	1,701 (772)	3.05 (77.40)	1,418 (643)	3.16 (80.37)
40'-0" (12.19 m)	5,805 (2,633)	4.13 (104.98)	2,903 (1,317)	3.39 (86.05)	2,177 (987)	4.24 (107.68)	1,451 (658)	3.98 (101.19)	1,209 (549)	4.13 (104.98)
45'-0" (13.72 m)	5,011 (2,273)	5.23 (132.86)	2,505 (1,136)	4.31 (109.60)	1,879 (852)	5.36 (136.19)	1,253 (568)	5.05 (128.21)	1,044 (474)	5.23 (132.86)
50'-0" (15.24 m)	3,994 (1,812)	6.00 (152.40)	2,180 (989)	5.36 (136.26)	1,456 (661)	6.00 (152.40)	1,040 (472)	6.00 (152.40)	832 (377)	6.00 (152.40)

MAX MOMENT : 32.19 KIP*FT (43.64 kN*m) • MAX SHEAR: 6.50 KIP (28.91 Kn) • Deflection Limited to L/100

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
- THE EXTRUSION WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT EXTRUSION ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
- THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES. ACTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- SPlice BAR CONNECTION USES (6) SPlice BARS. EACH SPlice BAR USES (4) 1/2"Ø FLAT HEAD SCREWS

6"x12" T Track Extrusion Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0. 2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN. 3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION. 4. SPlice BAR CONNECTION USES (6) SPlice BARS. EACH SPlice BAR USES (4) 1/2"Ø FLAT HEAD SCREWS	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)		
10'-0" (3.05 m)	147,610 (66,955)		
20'-0" (6.10 m)	59,360 (26,925)		
30'-0" (9.14 m)	26,380 (11,966)		
40'-0" (12.19 m)	14,840 (6,731)		
50'-0" (15.24 m)	9,500 (4,309)		

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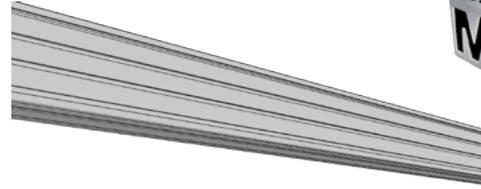
CRE Project Number 25,419,12 • SUBMITTAL DATE: 9/18/2025

ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-EX-06-12-XXX-AL

6"x12" T Track Extrusion Without Splice (Continuous Member)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	67,250 (30,504)	0.08 (2.14)	43,126 (19,562)	0.09 (2.20)	26,852 (12,180)	0.09 (2.35)	17,902 (8,120)	0.09 (2.19)	14,918 (6,767)	0.09 (2.28)
10'-0" (3.05 m)	43,007 (19,508)	0.43 (11.00)	21,504 (9,754)	0.35 (8.81)	13,382 (6,070)	0.37 (9.39)	8,921 (4,047)	0.35 (8.77)	7,434 (3,372)	0.36 (9.13)
15'-0" (4.57 m)	28,540 (12,945)	0.97 (24.74)	14,270 (6,473)	0.78 (19.84)	8,872 (4,024)	0.83 (21.13)	5,914 (2,683)	0.78 (19.73)	4,929 (2,236)	0.81 (20.55)
20'-0" (6.10 m)	20,058 (9,098)	1.63 (41.53)	10,029 (4,549)	1.31 (33.35)	6,602 (2,995)	1.48 (37.55)	4,401 (1,996)	1.38 (35.09)	3,668 (1,664)	1.44 (36.53)

MAX MOMENT : 54.0 KIP*FT (73.21 kN*m) • MAX SHEAR: 33.66 KIP (149.73 Kn) • Deflection Limited to L/100

1. ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
2. THE EXTRUSION WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT EXTRUSION ENDS ONLY.
3. ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
4. ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
5. ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
6. THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
7. MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
8. ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
9. ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
10. SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
11. THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
12. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.

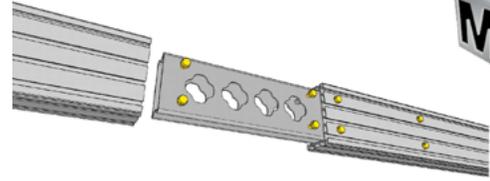
6"x12" T Track Extrusion Column Axial Capacity Table			
COLUMN UNBRACED LENGTH Feet-Inches (Meters)		ALLOWABLE AXIAL LOAD Pounds (Kilograms)	
10'-0"	(3.05 m)	147,610	(66,955)
20'-0"	(6.10 m)	59,360	(26,925)
30'-0"	(9.14 m)	26,380	(11,966)
40'-0"	(12.19 m)	14,840	(6,731)
50'-0"	(15.24 m)	9,500	(4,309)

1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
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U.S. Patent No. 8,418,425 & other patents pending
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MT-EX-06-12-XXX-AL

6"x12" T Track Extrusion With Splice
(Splice Tube at Connection)

TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	67,250 (30,504)	0.08 (2.14)	35,803 (16,240)	0.07 (1.83)	26,852 (12,180)	0.09 (2.35)	17,902 (8,120)	0.09 (2.19)	14,918 (6,767)	0.09 (2.28)
10'-0" (3.05 m)	43,007 (19,508)	0.43 (11.00)	17,842 (8,093)	0.29 (7.31)	13,382 (6,070)	0.37 (9.39)	8,921 (4,047)	0.35 (8.77)	7,434 (3,372)	0.36 (9.13)
15'-0" (4.57 m)	28,540 (12,945)	0.97 (24.74)	11,829 (5,365)	0.65 (16.48)	8,872 (4,024)	0.83 (21.13)	5,914 (2,683)	0.78 (19.73)	4,929 (2,236)	0.81 (20.55)
20'-0" (6.10 m)	20,058 (9,098)	1.63 (41.53)	8,802 (3,993)	1.16 (29.35)	6,602 (2,995)	1.48 (37.53)	4,401 (1,996)	1.38 (35.09)	3,668 (1,664)	1.44 (36.53)
25'-0" (7.62 m)	15,505 (7,033)	2.49 (63.30)	6,971 (3,162)	1.81 (45.97)	5,228 (2,371)	2.31 (58.66)	3,485 (1,581)	2.16 (54.85)	2,904 (1,317)	2.25 (57.07)
30'-0" (9.14 m)	12,476 (5,659)	3.51 (89.08)	5,736 (2,602)	2.61 (66.40)	4,302 (1,951)	3.32 (84.44)	2,868 (1,301)	3.11 (79.03)	2,390 (1,084)	3.24 (82.18)
35'-0" (10.67 m)	9,212 (4,179)	4.20 (106.68)	4,843 (2,197)	3.57 (90.70)	3,359 (1,523)	4.20 (106.68)	2,399 (1,088)	4.20 (106.68)	1,919 (871)	4.20 (106.68)
40'-0" (12.19 m)	6,844 (3,105)	4.80 (121.92)	4,164 (1,889)	4.68 (118.95)	2,495 (1,132)	4.80 (121.92)	1,782 (808)	4.80 (121.92)	1,426 (647)	4.80 (121.92)
45'-0" (13.72 m)	5,196 (2,357)	5.40 (137.16)	3,247 (1,473)	5.40 (137.16)	1,894 (859)	5.40 (137.16)	1,353 (614)	5.40 (137.16)	1,082 (491)	5.40 (137.16)
50'-0" (15.24 m)	3,994 (1,812)	6.00 (152.40)	2,496 (1,132)	6.00 (152.40)	1,456 (661)	6.00 (152.40)	1,040 (472)	6.00 (152.40)	832 (377)	6.00 (152.40)

MAX MOMENT : 51.24 KIP*FT (69.47 kN*m) • MAX SHEAR: 33.66 KIP (149.73 Kn) • Deflection Limited to L/100

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- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
- SPlice Tube CONNECTION USES (8) 3/4"Ø GRADE 8 BOLT SETS THROUGH THE EXTRUSION AND SPlice Tube.
- LATERAL TORSION BUCKLING GOVERNS ALLOWABLE MAXIMUM MOMENT ON ANY SPAN GREATER THAN 20'.

COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	147,610 (66,955)
20'-0" (6.10 m)	59,360 (26,925)
30'-0" (9.14 m)	26,380 (11,966)
40'-0" (12.19 m)	14,840 (6,731)
50'-0" (15.24 m)	9,500 (4,309)

- ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
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- SPlice Tube CONNECTION USES (8) 3/4"Ø GRADE 8 BOLT SETS THROUGH THE EXTRUSION AND SPlice Tube.

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CRE Project Number 25,419.12 • SUBMITTAL DATE: 9/18/2025

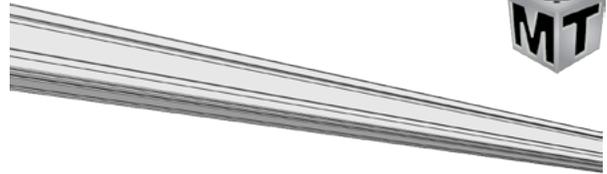
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U.S. Patent No. 8,418,425 & other patents pending



MT-EX-06-06-XXX-AL

6"x6" T Track Extrusion Without Splice (Continuous Member)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD <small>Total Load = Point Load x 2</small>		QUARTER POINT LOAD <small>Total Load = Point Load x 3</small>		FIFTH POINT LOAD <small>Total Load = Point Load x 4</small>	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	24,195 (10,975)	0.19 (4.83)	12,097 (5,487)	0.15 (3.81)	9,072 (4,115)	0.19 (4.83)	6,048 (2,743)	0.18 (4.57)	5,040 (2,286)	0.19 (4.83)
10'-0" (3.05 m)	12,020 (5,452)	0.75 (19.05)	6,011 (2,727)	0.60 (15.24)	4,508 (2,045)	0.77 (19.56)	3,006 (1,363)	0.72 (18.29)	2,505 (1,136)	0.75 (19.05)
15'-0" (4.57 m)	7,935 (3,599)	1.69 (42.93)	3,966 (1,799)	1.36 (34.54)	2,975 (1,349)	1.74 (44.20)	1,983 (899)	1.62 (41.15)	1,653 (750)	1.69 (42.93)
20'-0" (6.10 m)	4,660 (2,114)	2.40 (60.96)	2,907 (1,319)	2.40 (60.96)	1,695 (769)	2.40 (60.96)	1,211 (549)	2.40 (60.96)	969 (440)	2.40 (60.96)

MAX MOMENT : 15.15 KIP*FT (20.54 kN*m) • MAX SHEAR: 13.21 KIP (58.76 Kn) • Deflection Limited to L/100

1. ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAxIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
2. THE EXTRUSION WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT EXTRUSION ENDS ONLY.
3. ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
4. ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
5. ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
6. THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
7. MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
8. ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
9. ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
10. SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
11. THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
12. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.

6"x6" T Track Extrusion Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	88,500 (40,143)
20'-0" (6.10 m)	32,160 (14,588)
30'-0" (9.14 m)	14,290 (6,482)
40'-0" (12.19 m)	8,040 (3,647)

1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.

PE Stamped structural Engineering report by Clark Reder Engineering, Inc • 10091 Mosteller Lane, West Chester, OH 45069-3873 • Phone (513) 851-1223

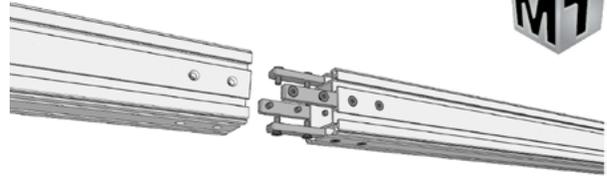
CRE Project Number 25,419,12 • SUBMITTAL DATE: 9/10/2025

ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-EX-06-06-XXX-AL

6"x6" T Track Extrusion With Splice (Splice Bars at Connection)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	6,450 (2,926)	0.05 (1.27)	6,448 (2,925)	0.08 (2.03)	3,224 (1,462)	0.07 (1.78)	2,149 (975)	0.06 (1.52)	1,612 (731)	0.06 (1.52)
10'-0" (3.05 m)	6,400 (2,903)	0.40 (10.16)	4,004 (1,816)	0.40 (10.16)	3,003 (1,362)	0.52 (13.21)	2,002 (908)	0.48 (12.19)	1,600 (726)	0.48 (12.19)
15'-0" (4.57 m)	5,250 (2,381)	1.13 (28.70)	2,628 (1,192)	0.91 (23.11)	1,971 (894)	1.16 (29.46)	1,314 (596)	1.08 (27.43)	1,095 (497)	1.13 (28.70)
20'-0" (6.10 m)	3,860 (1,751)	2.01 (51.05)	1,928 (875)	1.62 (41.15)	1,446 (656)	2.06 (52.32)	964 (437)	1.93 (49.02)	803 (364)	2.01 (51.05)
25'-0" (7.62 m)	2,850 (1,293)	3.00 (76.20)	1,498 (679)	2.56 (65.02)	1,041 (472)	3.00 (76.20)	744 (337)	3.00 (76.20)	595 (270)	3.00 (76.20)
30'-0" (9.14 m)	1,860 (844)	3.60 (91.44)	1,161 (527)	3.60 (91.44)	677 (307)	3.60 (91.44)	484 (220)	3.60 (91.44)	387 (176)	3.60 (91.44)

MAX MOMENT : 10.13 KIP*FT (13.73 kN*m) • MAX SHEAR: 3.25 KIP (14.46 Kn) • Deflection Limited to L/100

1. ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
2. THE EXTRUSION WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT EXTRUSION ENDS ONLY.
3. ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
4. ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
5. ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
6. THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
7. MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
8. ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACTUAL DEFLECTION MAY VARY.
9. ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
10. SPANS ARE ASSUMED TO BE CONSTRUCTED WITH THE MINIMUM NUMBER OF TRUSS SECTIONS REQUIRED.
11. THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
12. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.
13. SPLICE BAR CONNECTION USES (4) SPLICE BARS. EACH SPLICE BAR USES (4) 1/2"Ø FLAT HEAD SCREWS

6"x6" T Track Extrusion Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	88,500 (40,143)
20'-0" (6.10 m)	32,160 (14,588)
30'-0" (9.14 m)	14,290 (6,482)
40'-0" (12.19 m)	8,040 (3,647)

1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0.
2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN.
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CRE Project Number 25,419,12 • SUBMITTAL DATE: 9/10/2025

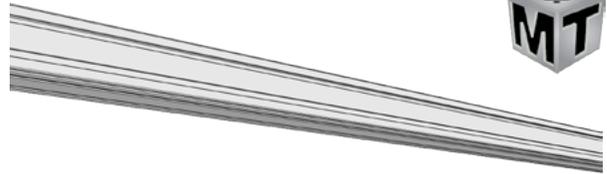
ModTruss, Inc • 7741 Commercial Lane, Allenton, WI 53002 • Phone (844) 663-8787 • Email info@ModTruss.com • www.ModTruss.com

U.S. Patent No. 8,418,425 & other patents pending
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MT-EX-06-06-XXX-AL

6"x6" T Track Extrusion Without Splice (Continuous Member)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD <small>Total Load = Point Load x 2</small>		QUARTER POINT LOAD <small>Total Load = Point Load x 3</small>		FIFTH POINT LOAD <small>Total Load = Point Load x 4</small>	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	24,195 (10,975)	0.19 (4.83)	12,097 (5,487)	0.15 (3.81)	9,072 (4,115)	0.19 (4.83)	6,048 (2,743)	0.18 (4.57)	5,040 (2,286)	0.19 (4.83)
10'-0" (3.05 m)	12,020 (5,452)	0.75 (19.05)	6,011 (2,727)	0.60 (15.24)	4,508 (2,045)	0.77 (19.56)	3,006 (1,363)	0.72 (18.29)	2,505 (1,136)	0.75 (19.05)
15'-0" (4.57 m)	7,935 (3,599)	1.69 (42.93)	3,966 (1,799)	1.36 (34.54)	2,975 (1,349)	1.74 (44.20)	1,983 (899)	1.62 (41.15)	1,653 (750)	1.69 (42.93)
20'-0" (6.10 m)	4,660 (2,114)	2.40 (60.96)	2,907 (1,319)	2.40 (60.96)	1,695 (769)	2.40 (60.96)	1,211 (549)	2.40 (60.96)	969 (440)	2.40 (60.96)

MAX MOMENT : 15.15 KIP*FT (20.54 kN*m) • MAX SHEAR: 13.21 KIP (58.76 Kn) • Deflection Limited to L/100

1. ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAxIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
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6"x6" T Track Extrusion Column Axial Capacity Table	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)
10'-0" (3.05 m)	88,500 (40,143)
20'-0" (6.10 m)	32,160 (14,588)
30'-0" (9.14 m)	14,290 (6,482)
40'-0" (12.19 m)	8,040 (3,647)

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PE Stamped structural Engineering report by Clark Reder Engineering, Inc • 10091 Mosteller Lane, West Chester, OH 45069-3873 • Phone (513) 851-1223

CRE Project Number 25,419,12 • SUBMITTAL DATE: 9/10/2025

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U.S. Patent No. 8,418,425 & other patents pending

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MT-EX-03-03-XXX-AL

3"x3" T Track Extrusion Without Splice (Continuous Member)



TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	4,165 (1,889)	0.39 (9.91)	2,081 (944)	0.32 (8.13)	1,561 (708)	0.41 (10.41)	1,041 (472)	0.38 (9.65)	867 (393)	0.39 (9.91)
10'-0" (3.05 m)	1,560 (708)	1.20 (30.48)	972 (441)	1.20 (30.48)	567 (257)	1.20 (30.48)	405 (184)	1.20 (30.48)	324 (147)	1.20 (30.48)
15'-0" (4.57 m)	660 (299)	1.80 (45.72)	408 (185)	1.80 (45.72)	238 (108)	1.80 (45.72)	170 (77)	1.80 (45.72)	136 (62)	1.80 (45.72)
20'-0" (6.10 m)	320 (145)	2.40 (60.96)	203 (92)	2.40 (60.96)	118 (54)	2.40 (60.96)	85 (39)	2.40 (60.96)	68 (31)	2.40 (60.96)

MAX MOMENT : 2.61 KIP*FT (3.54 kN*m) • MAX SHEAR: 2.56 KIP (11.39 Kn) • Deflection Limited to L/100

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- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED BETWEEN THE WALLS, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
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3"x3" T Track Extrusion Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0. 2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN. 3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.	
COLUMN UNBRACED LENGTH Feet-Inches (Meters)	ALLOWABLE AXIAL LOAD Pounds (Kilograms)		
10'-0" (3.05 m)	10,540 (4,781)		
20'-0" (6.10 m)	2,630 (1,193)		
30'-0" (9.14 m)	1,170 (531)		
40'-0" (12.19 m)	660 (299)		

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U.S. Patent No. 8,418,425 & other patents pending
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MT-EX-0190-RT-XXX-AL
**T Slot Pipe Extrusion Pipe Without Splice
 (Continuous Member)**

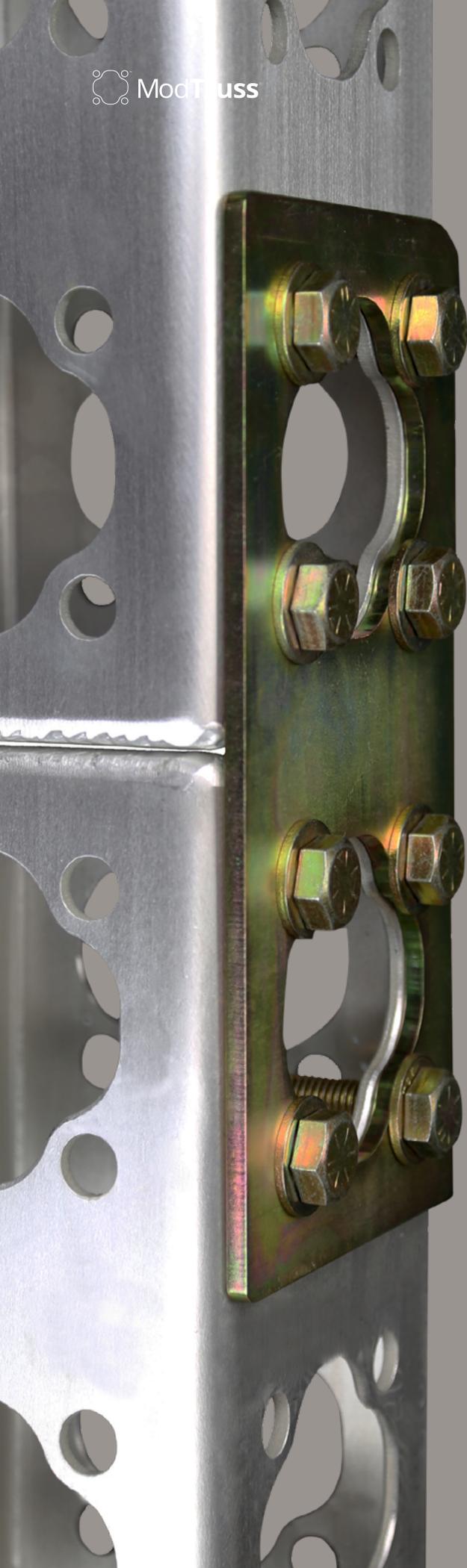

TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	455 (206)	0.60 (15.24)	285 (129)	0.60 (15.24)	166 (75)	0.60 (15.24)	118 (54)	0.60 (15.24)	95 (43)	0.60 (15.24)
10'-0" (3.05 m)	100 (45)	1.20 (30.48)	64 (29)	1.20 (30.48)	37 (17)	1.20 (30.48)	26 (12)	1.20 (30.48)	21 (10)	1.20 (30.48)
15'-0" (4.57 m)	32 (14)	1.80 (45.72)	20 (9)	1.80 (45.72)	12 (5)	1.80 (45.72)	8 (4)	1.80 (45.72)	7 (3)	1.80 (45.72)

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- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED ON THE EXTRUSION, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
- THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
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MT-EX-0190-RT-XXX-AL
**T Slot Pipe Extrusion Pipe Without Splice
 (Continuous Member)**


TRUSS SPAN Feet-Inches (Meters)	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD Total Load = Point Load x 2		QUARTER POINT LOAD Total Load = Point Load x 3		FIFTH POINT LOAD Total Load = Point Load x 4	
	TOTAL LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)	POINT LOAD Pounds (Kilograms)	DEFLECTION Inches (Millimeters)
5'-0" (1.52 m)	780 (354)	0.60 (15.24)	488 (221)	0.60 (15.24)	285 (129)	0.60 (15.24)	203 (92)	0.60 (15.24)	162 (73)	0.60 (15.24)
10'-0" (3.05 m)	180 (82)	1.20 (30.48)	115 (52)	1.20 (30.48)	67 (30)	1.20 (30.48)	48 (22)	1.20 (30.48)	38 (17)	1.20 (30.48)
15'-0" (4.57 m)	68 (31)	1.80 (45.72)	43 (19)	1.80 (45.72)	25 (11)	1.80 (45.72)	17 (8)	1.80 (45.72)	14 (6)	1.80 (45.72)
20'-0" (6.10 m)	24 (11)	2.40 (60.96)	15 (7)	2.40 (2.54)	9 (4)	2.40 (2.54)	6 (3)	2.40 (2.54)	5 (2)	2.40 (2.54)

- ALL LOAD VALUES ARE BASED ON THE ASSUMPTIONS AND GUIDELINES LISTED BELOW. ALL BIAXIAL LOADING, DYNAMIC LOADS, FIXED FRAMES, TORSIONAL FORCES, CANTILEVERS, AND SPANS LONGER THAN MAXIMUM LISTED IN THE TABLE SHALL BE REVIEWED BY A LICENSED ENGINEER
- THE EXTRUSION WAS ANALYZED AS A SIMPLE SPAN BEAM WITH SUPPORTS AT EXTRUSION ENDS ONLY.
- ALL LOADS ARE ASSUMED TO BE APPLIED VERTICALLY TO THE EXTRUSION.
- ALL LOADS ARE STATIC, NO DYNAMIC OR SHOCK LOADING WAS CONSIDERED IN THE ANALYSIS.
- ALL LOADS ARE APPLIED CENTERED ON THE EXTRUSION, SUCH THAT TORSIONAL FORCES ARE NOT INDUCED IN THE EXTRUSION.
- THE SELF-WEIGHT OF THE EXTRUSION HAS BEEN CONSIDERED IN THE ANALYSIS.
- MAXIMUM DEFLECTION IS LIMITED TO SPAN LENGTH/100. CONTACT MODTRUSS FOR NON-DEFLECTION LIMITED LOADING INFORMATION AND L/180 DEFLECTION LIMITED LOADING INFORMATION.
- ALL DEFLECTIONS LISTED IN THE TABLE ARE BASED ON THEORETICAL VALUES, ACUTUAL DEFLECTION MAY VARY.
- ALLOWABLE LOADS ARE BASED ON THE 2020 ALUMINUM DESIGN MANUAL AND AISC 360: SPECIFICATION FOR STEEL BUILDINGS.
- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
- ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION.



PLATES



The **ModTruss** series of plates can be a true difference maker and added advantage to achieving the structural requirements of your design.



The ability to reinforce or “splice” a connection adds strength and capacity to truss beams and columns with ease- see **ModTruss** Splice Plates.



The **ModTruss** Washer Plates provide localized reinforcement of truss connections, preventing bolt pull through, which allows for connectivity on all 6 sides of the truss.



Create your own accessories using **ModTruss** Weld Blanks.



Add length or shim beams and columns using **ModTruss** Spacer Plates.



ModTruss has multiple ballast options including Base Plates and an Event Stanchion.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

Washer Plates



MT-PL-W-06



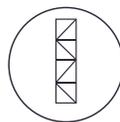
MT-PL-W-12

Standard Material	A36 Low Carbon Steel
Standard Finish	11 - Zinc Gold/Yellow (Gold/Yellow Color Aids in Inspection)
Available Finish(es)	10-12 Zinc 20-30 Powder Coated (Powder Coating Not Recommended)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-W-12 12" Washer Plate	3" x 10.25" x 0.5" (76.20mm x 260.35mm x 12.70mm)	3.30lbs (1.50kg)
MT-PL-W-06 6" Washer Plate	1.75" x 4.88" x 0.31" (44.45mm x 123.95mm x 7.87mm)	0.55lbs (0.25kg)



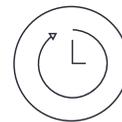
In Stock



Compatible



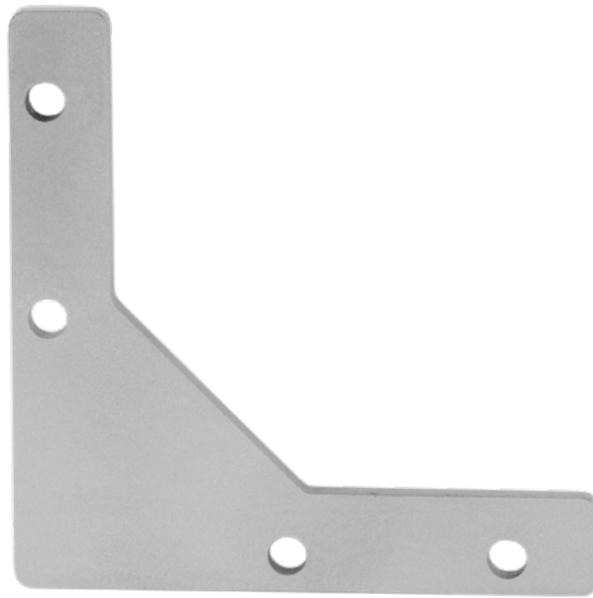
Serialized &
Traceable



Made To
Order

	PRECISION LEVEL: MED-±0.6 (1.59) BRACKET DIMENSIONS ARE IN MM
	8/13/2018
DESCRIPTION:	WASHER PLATES
REVISION: V1	
PART NUMBER:	MT-PL-W-XX

Frame Rail Extrusion Corner Bracket

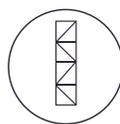


MT-PL-EX-03-FR-BRK-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	0.4lbs (0.1814kg)
Hole Size	17/64"



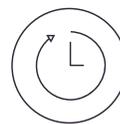
In Stock



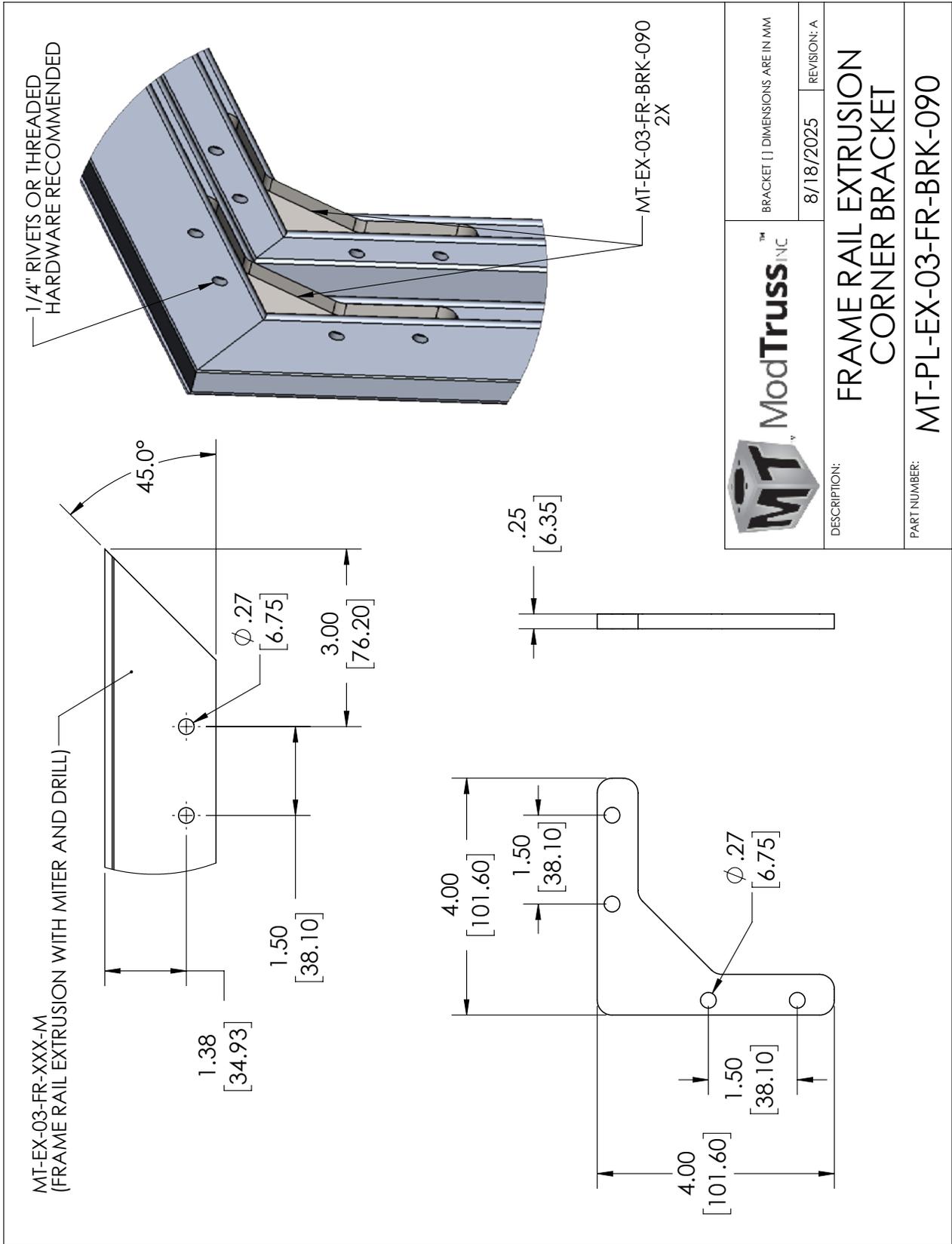
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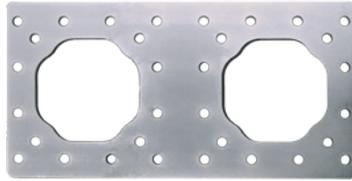
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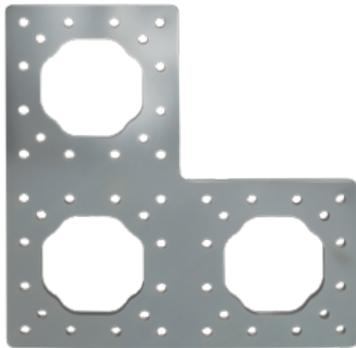
Made To
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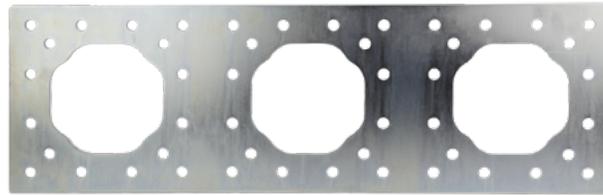
12" Splice Plates



MT-PL-S-12-24-000



MT-PL-S-12-24-090



MT-PL-S-12-36-000

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-S-12-24-090 12"X24"x90° Splice Plate	23.5" x 23.5" x 0.25" (596.9mm x 596.9mm x 6.35mm)	18.85lbs (8.55kg)
MT-PL-S-12-24-000 12" x 24" Splice Plate	11.75" x 5.75" x 0.25" (298.45mm x 146.05mm x 6.35mm)	11.85lbs (5.38kg)
MT-PL-S-12-36-000 12" x 24" Splice Plate	11.50" x 22.50" x 0.25" (292.10mm x 571.50mm x 6.35mm)	18.95lbs (8.59kg)



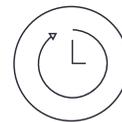
In Stock



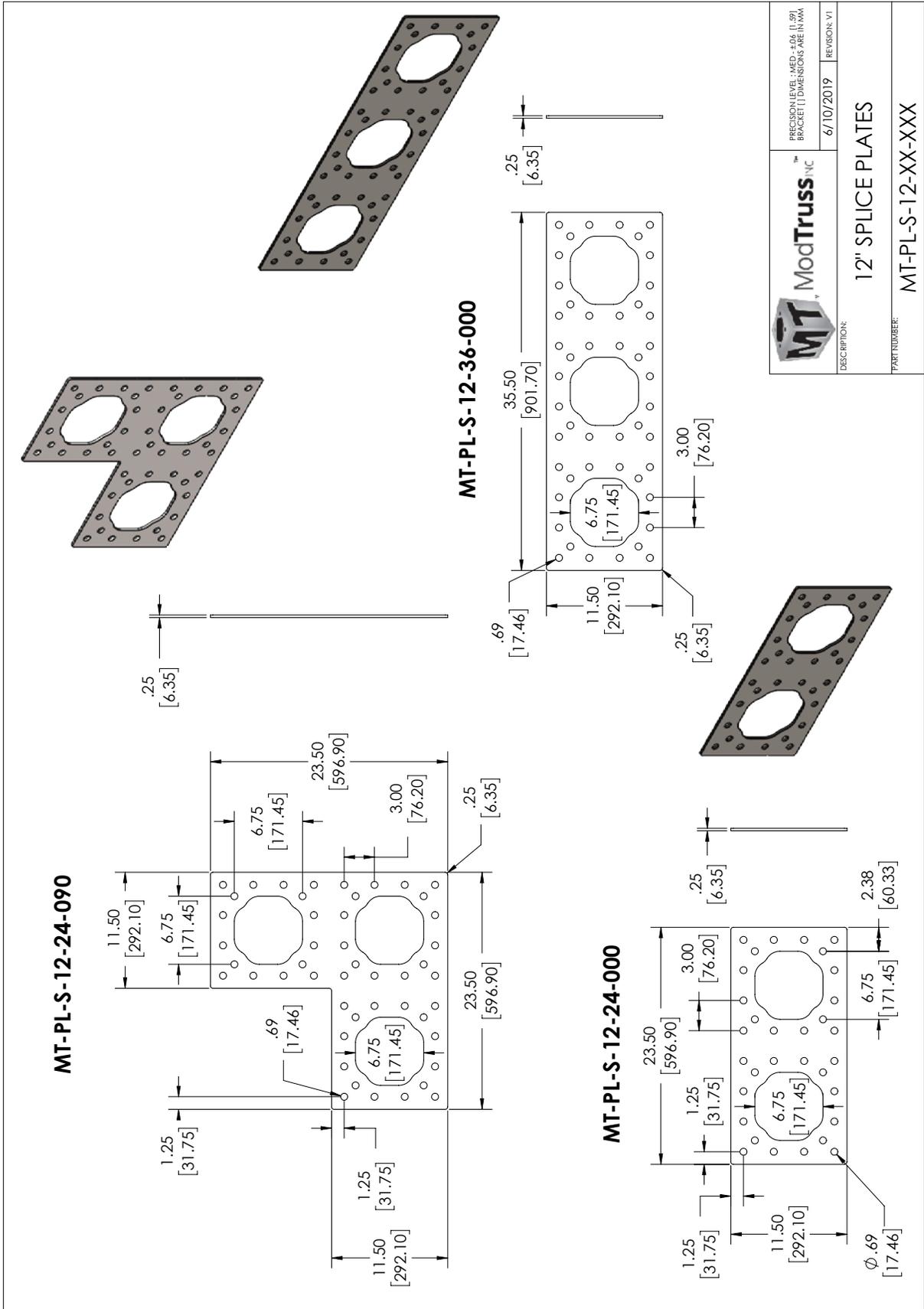
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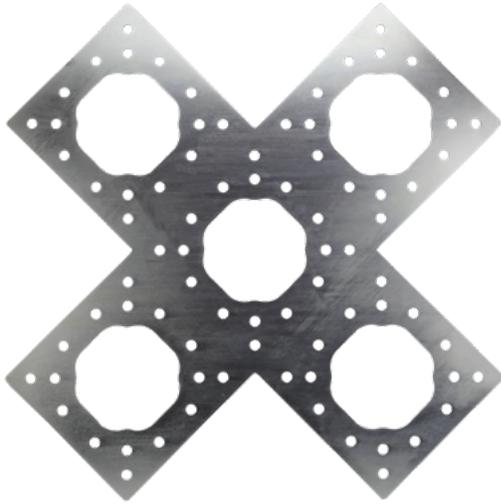
Serialized &
Traceable



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Order



12" Splice Plates



MT-PL-S-12-36-360



MT-PL-S-12-24-045

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-S-12-36-360 12" X 36" Splice Plate- 4 Way Splice	35.50" x 35.50" x 0.25" (901.70mm x 901.70mm x 635mm)	31.90lbs (14.47kg)
MT-PL-S-12-24-045 12" X 24" Splice Plate- 45°	19.78" x 28.26" x 0.38" (502.7mm x 717.89mm x 9.65mm)	23.80lbs (19.79kg)



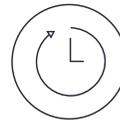
In Stock



Compatible



Serialized &
Traceable



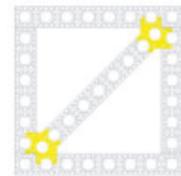
Made To
Order

Truss Chord 3-Way Splice Plate

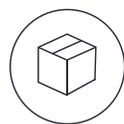


MT-PL-S-12-12-72-045-096

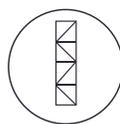
Use: Makes a
96" x 96" frame



Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	20.00" x 20.00" x 0.25" (508.00mm x 508.00mm x 6.35mm)
Weight	13.30lbs (6.03kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



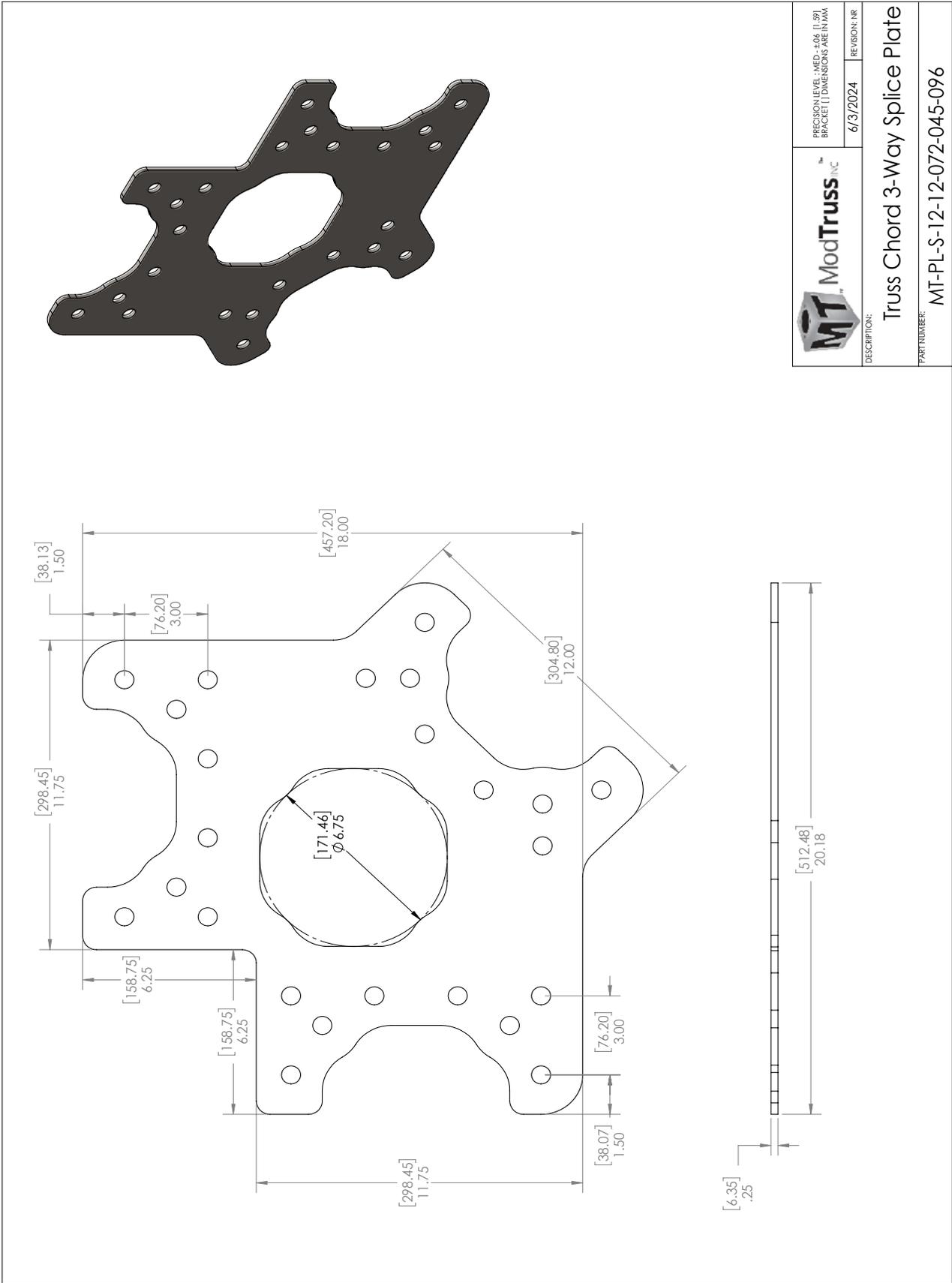
Compatible



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Traceable



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Order



	PRECISION LEVEL - MED - +04 (-L 5%) BRACKET () DIMENSIONS ARE IN MM
	6/3/2024
REVISION: NR	
DESCRIPTION: Truss Chord 3-Way Splice Plate	
PART NUMBER: MT-PL-S-12-12-072-045-096	

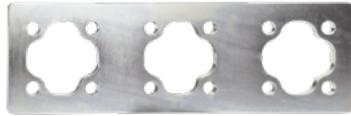
TR
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PLATES

6" Splice Plates



MT-PL-S-06-12-000



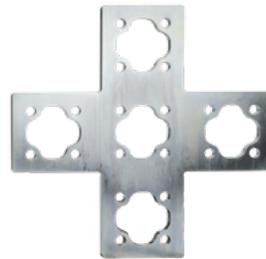
MT-PL-S-06-18-000



MT-PL-S-06-12-045



MT-PL-S-06-12-090



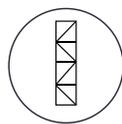
MT-PL-S-06-18-360

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

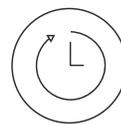
Part #	Size	Weight
MT-PL-S-06-12-000 6" x 12" Splice Plate	5.50" x 11.50" x 0.25" (139.70mm x 292.10mm x 6.35mm)	2.80lbs (1.27kg)
MT-PL-S-06-18-000 6" x 18" Splice Plate	5.50" x 17.50" x 0.25" (139.70mm x 444.50mm x 6.35mm)	4.35lbs (1.97kg)
MT-PL-S-06-12-045 6" x 12" Splice Plate- 45°	5.50" x 11.50" x 0.38" (139.70mm x 292.10mm x 6.35mm)	5.35lbs (2.42kg)
MT-PL-S-06-12-090 6" x 12" Splice Plate- 90°	5.50" x 11.50" x 0.25" (139.79mm x 292.10mm x 6.35mm)	4.35lbs (1.97kg)
MT-PL-S-06-18-360 6" x 12" x 18" Splice Plate- 4 Way Splice	17.50" x 17.50" x 0.25" (444.50mm x 444.50mm x 6.35mm)	7.35lbs (3.33kg)

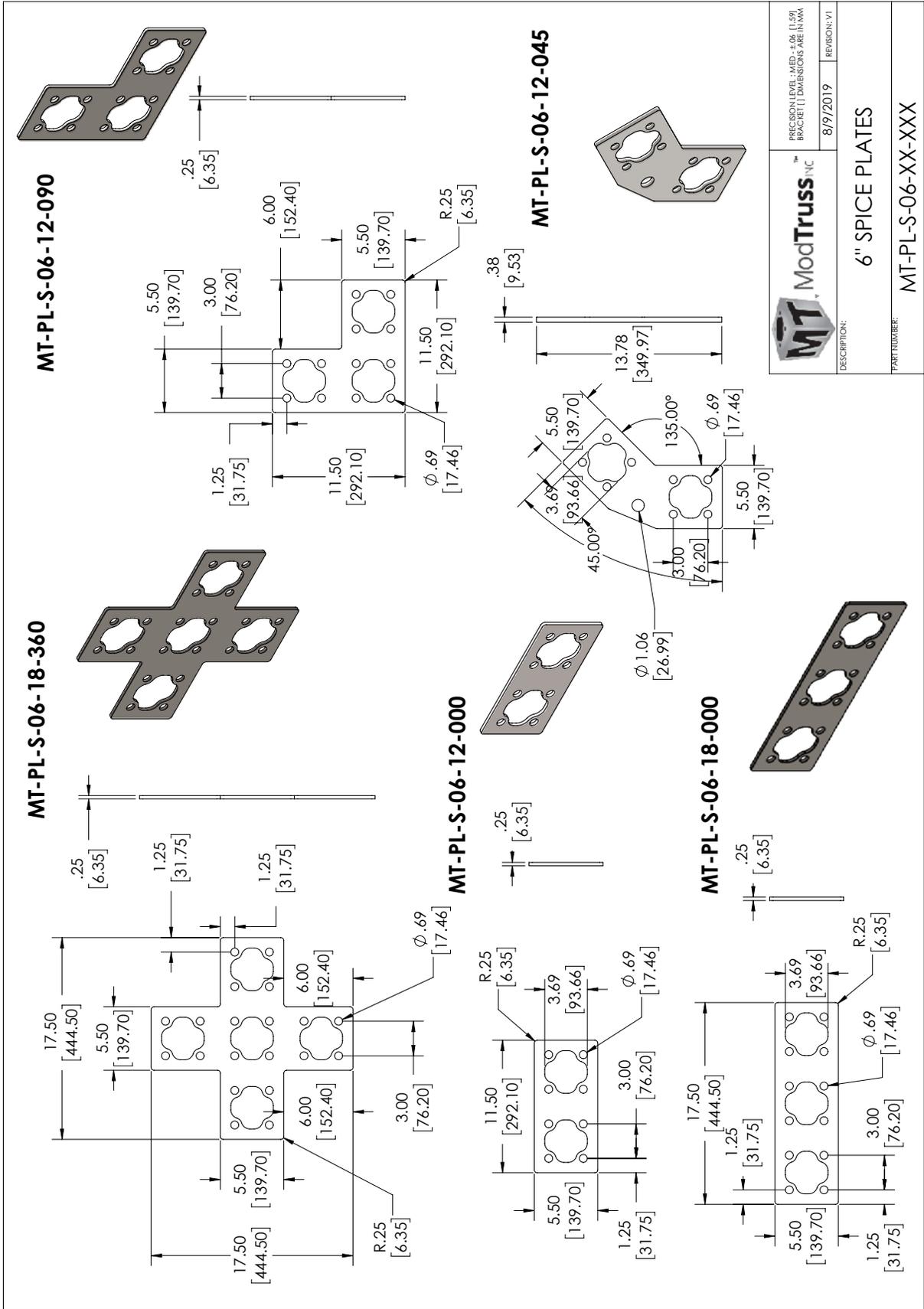


In Stock



Compatible


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Traceable

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Order



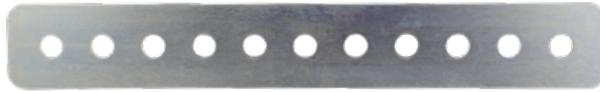
3" Splice Plates



MT-PL-S-03-12-000



MT-PL-S-03-15-TEE



MT-PL-S-03-18-000



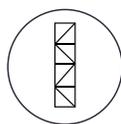
MT-PL-S-03-09-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

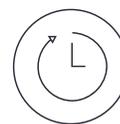
Part #	Size	Weight
MT-PL-S-03-12-000 3"x12" Splice Plate	11.50" x 2.50" x 0.25" (292.10mm x 63.50mm x 6.35mm)	1.85lbs (0.83kg)
MT-PL-S-03-18-000 3"x18" Splice Plate	17.50" x 2.50" x 0.25" (444.50mm x 63.50mm x 6.35mm)	2.70lbs (1.22kg)
MT-PL-S-03-09-090 3"x9" Splice Plate- 90°	8.50" x 8.50" x 0.25" (215.90mm x 215.90mm x 6.35mm)	2.35lbs (1.06kg)
MT-PL-S-03-15-TEE 3"x15" Splice Plate - T Connection	14.50" x 8.50" x 0.25" (368.30mm x 215.90mm x 6.35mm)	3.55lbs (1.61kg)

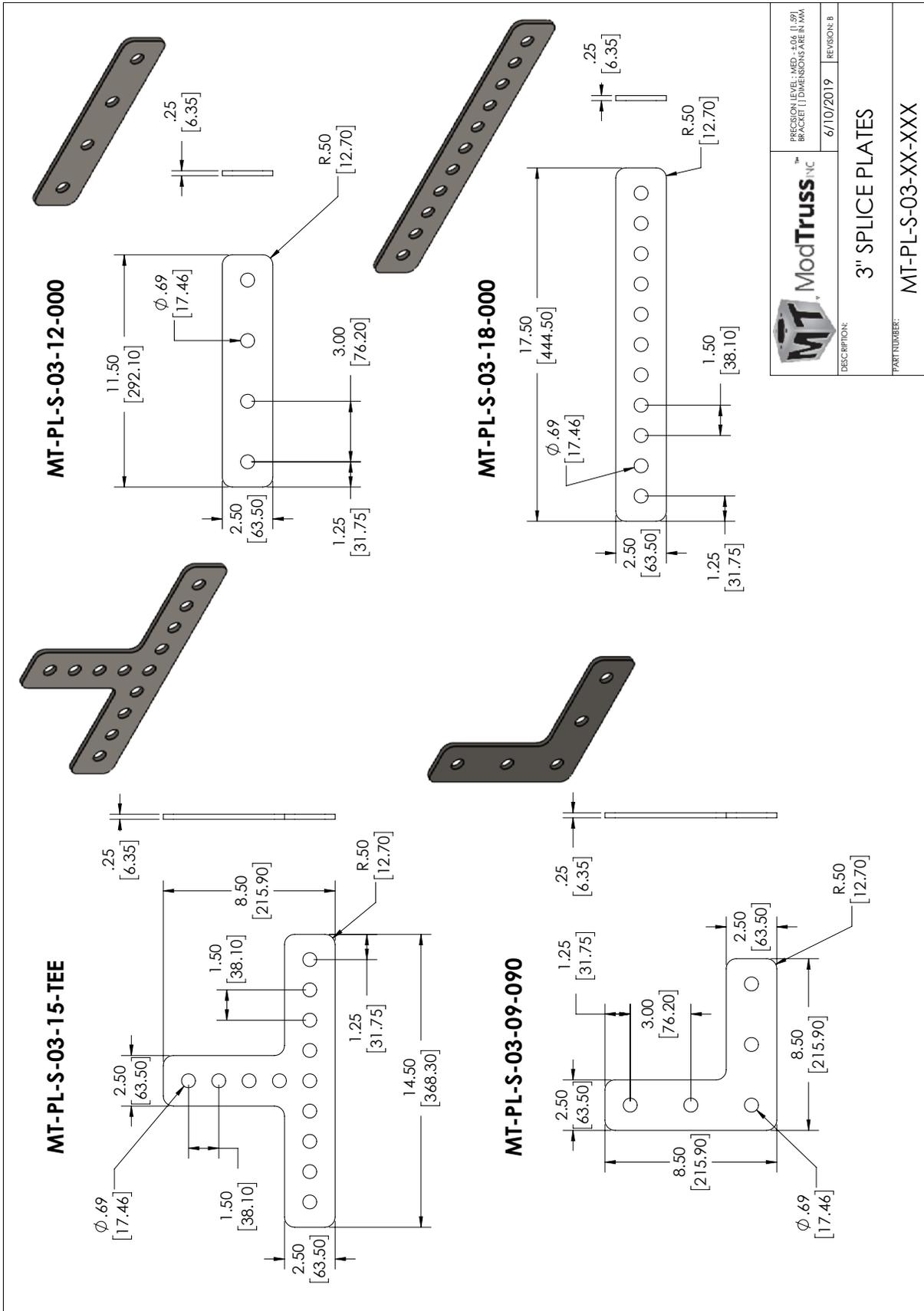


In Stock



Compatible


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Order



	PRECISION LEVEL: MED. ±.06 [1.57] BRACKET [] DIMENSIONS ARE IN INCH
	6/10/2019 REVISION: B
DESCRIPTION: 3" SPLICE PLATES	
PART NUMBER: MT-PL-S-03-XX-XXX	

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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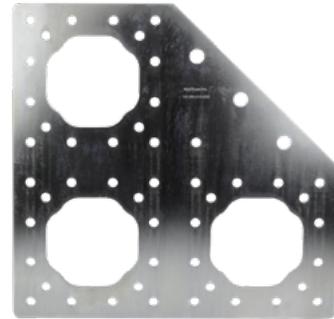
90° Gusset Splice Plates



MT-PL-S-G-03-12-090



MT-PL-S-G-06-18-090



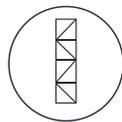
MT-PL-S-G-12-24-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-S-G-03-12-090 3" x 12" Gusset Splice Plate- 90°	11.502 x 11.50" 0.25" (292.10mm x 292.10mm x 6.35mm)	5.25lbs (2.38kg)
MT-PL-S-G-06-18-090 6" x 18" Gusset Splice Plate- 90°	17.50" x 17.50" x 0.25" (444.50mm x 444.50mm x 6.35mm)	12.05lbs (5.46kg)
MT-PL-S-G-12-24-090 12" X 24" Gusset Splice Plate- 90°	23.50" x 23.50" x 0.25" (596.90mm x 596.90mm x 6.36mm)	23.70lbs (10.75kg)



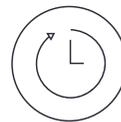
In Stock



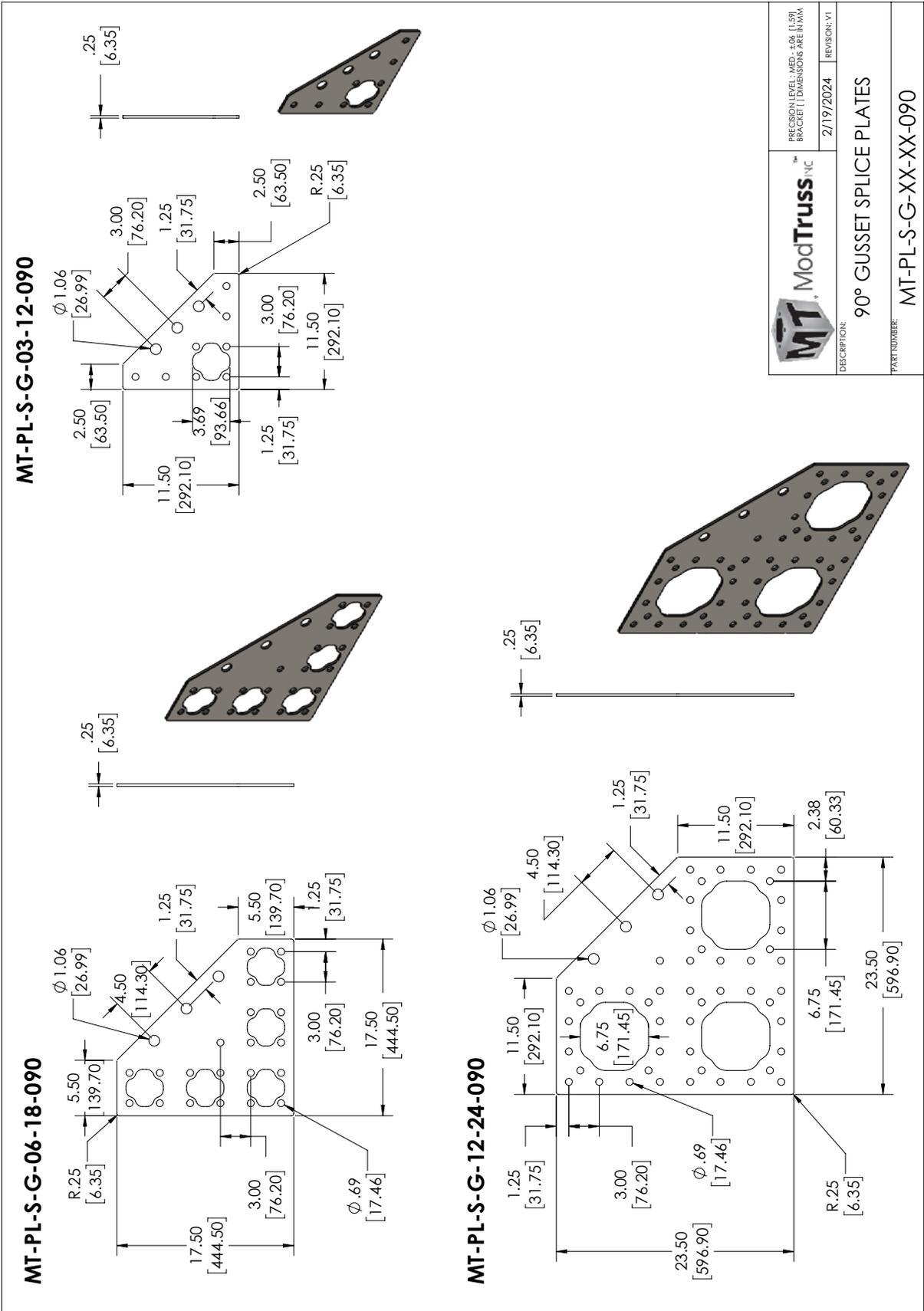
Compatible



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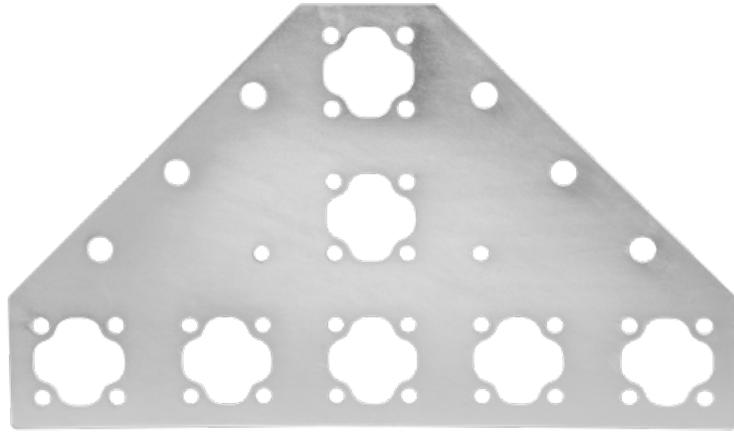


TR	PLATES
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180° Gusset Splice Plates



MT-PL-S-G-03-09-180



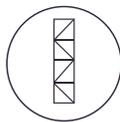
MT-PL-S-G-06-18-180

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-S-G-03-09-180 3"x9" Gusset Splice Plate- 180°	8.81" x 8.81" x 0.25" (223.75mm x 233.75mm x 6.35mm)	3.05lbs (1.38kg)
MT-PL-S-G-06-18-180 6"x18" Gusset Splice Plate- 180°	17.5" x 29.5" x 0.25" (444.50mm x 749.30mm x 6.35mm)	20.00lbs (9.07kg)



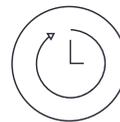
In Stock



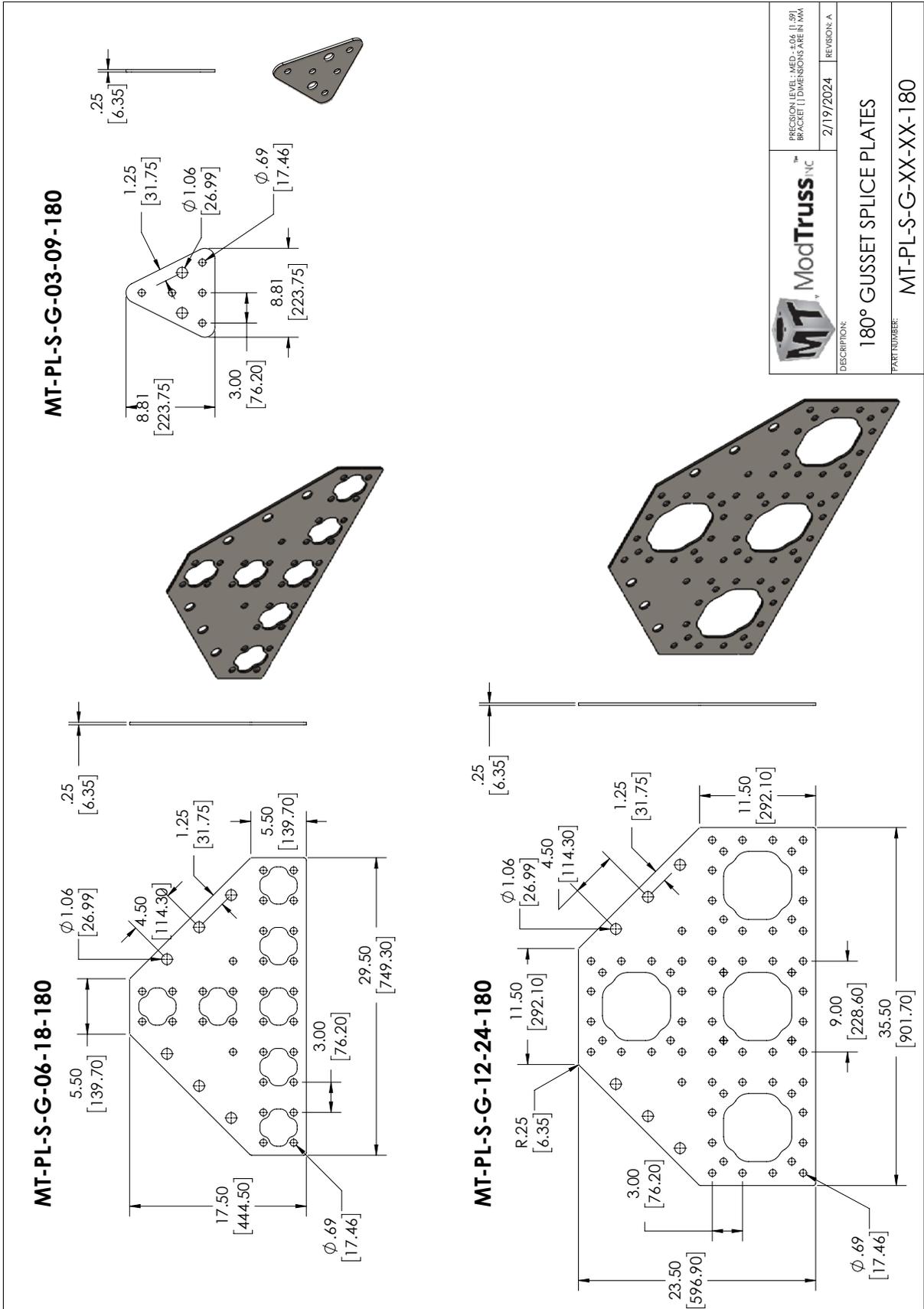
Compatible



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Order



3" Bent Splice Plates - 90°

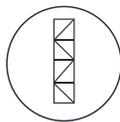


Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Weight
MT-PL-S-B-03-03-03-0025-090 3"x3" Bent Splice Plate- 90°	0,75lbs (0,34Kg)
MT-PL-S-B-03-06-06-0025-090 3"x6" Bent Splice Plate- 90°	1,75lbs (0,79Kg)
MT-PL-S-B-03-12-12-0025-090 3"x12" Bent Splice Plate- 90°	3,75lbs (1,70Kg)
MT-PL-S-B-03-03-12-0025-090	2,25lbs (1,02Kg)
MT-PL-S-B-03-06-12-0025-090	2,75lbs (1,25Kg)



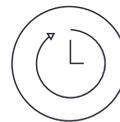
In Stock



Compatible



Serialized &
Traceable



Made To
Order

6" Bent Splice Plates 90°



MT-PL-S-B-06-12-12-0025-090



MT-PL-S-B-06-06-06-0025-090



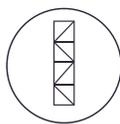
MT-PL-S-B-06-03-03-0025-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46 mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

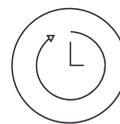
Part #	Weight
MT-PL-S-B-06-03-03-0025-090 6"x3" Bent Splice Plate- 90°	1.60 lbs 0.73 Kg
MT-PL-S-B-06-06-06-0025-090 6"x6" Bent Splice Plate- 90°	3.95 lbs 1.79 Kg
MT-PL-S-B-06-12-12-0025-090 6"x12" Bent Splice Plate- 90°	8.15 lbs 3.70 Kg
MT-PL-S-B-06-03-06-0025-090	2.75lbs (1.25kg)
MT-PL-S-B-06-03-12-0025-090	4.90lbs (2.22kg)
MT-PL-S-B-06-06-12-0025-090	6.05lbs (2.74kg)

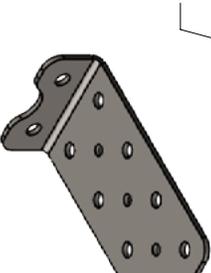
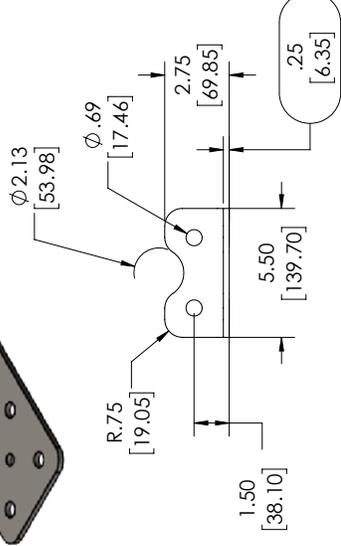
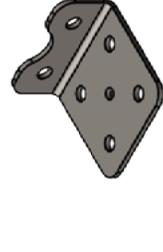
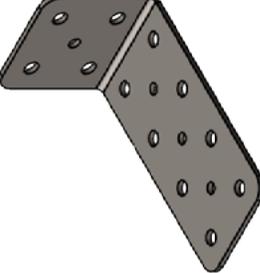
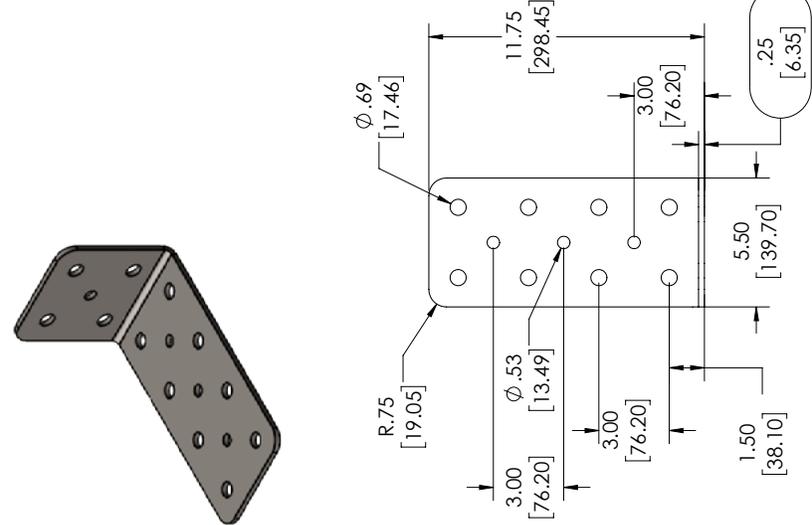
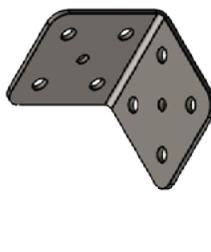
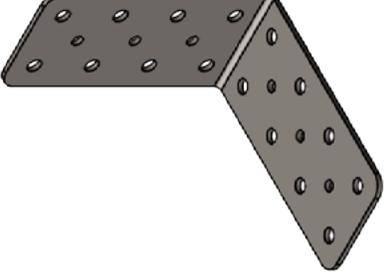
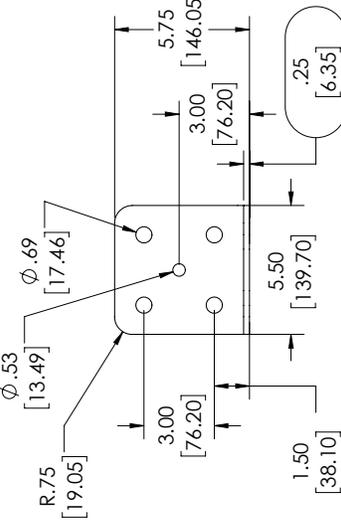


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Compatible


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<p>MT-PL-S-B-06-03-03-0025-090</p> 	<p>MT-PL-S-B-06-03-12-0025-090</p>  	<p>MT-PL-S-B-06-03-06-0025-090</p> 	<p>MT-PL-S-B-06-06-12-0025-090</p>  	<p>MT-PL-S-B-06-06-06-0025-090</p> 	<p>MT-PL-S-B-06-12-12-0025-090</p>  	<p>MT-PL-S-B-06-12-12-0025-090</p>	<p>MT-PL-S-B-06-XX-XX-0025-090</p>							
			<p>PRECISION LEVEL: MED-±.06 (1.59) BRACKET DIMENSIONS ARE IN MM</p>			<p>2/19/2024 REVISION: A</p>			<p>DESCRIPTION: 6" FAMILY BENT ANGLE SPLICE PLATES (1/4")</p>			<p>PART NUMBER: MT-PL-S-B-06-XX-XX-0025-090</p>		

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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12" Bent Splice Plates 90°



MT-PL-S-B-12-12-12-0025-090



MT-PL-S-B-12-06-06-0025-090



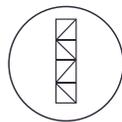
MT-PL-S-B-12-03-03-0025-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46 mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

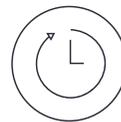
Part #	Weight
MT-PL-S-B-12-03-03-0025-090 12"x3" Bent Splice Plate- 90°	3.80 lbs 1.72 Kg
MT-PL-S-B-12-06-06-0025-090 12"x6" Bent Splice Plate- 90°	8.30 lbs 3.76 Kg
MT-PL-S-B-12-12-12-0025-090 12"x12" Bent Splice Plate- 90°	15.75 lbs 7.14 Kg

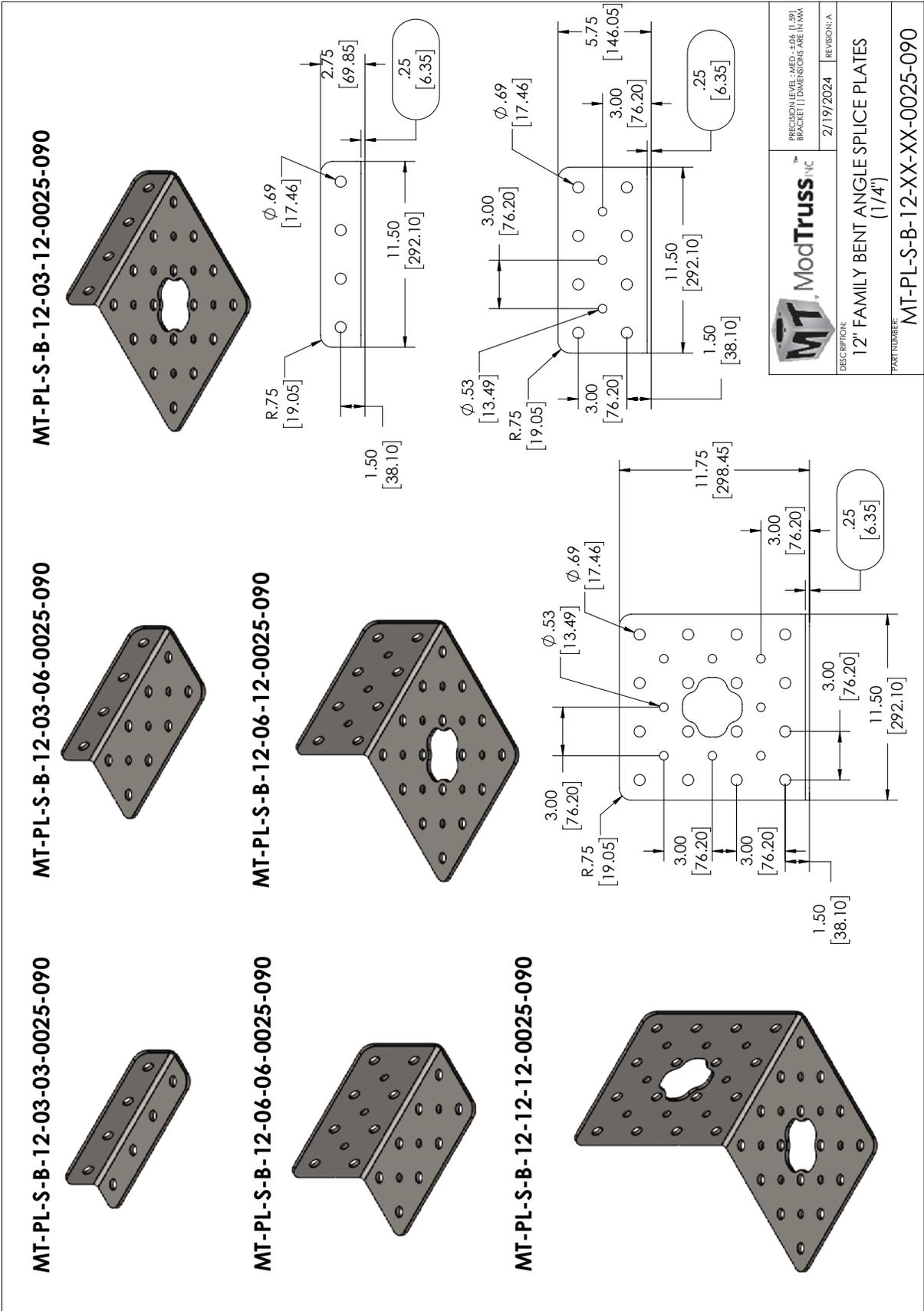


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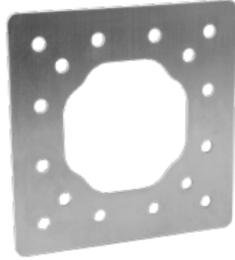
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TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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Spacer Plates



MT-PL-SP-12-12-XXXX-XX



MT-PL-SP-06-06-XXXX-XX

Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

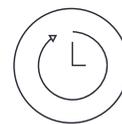
Part #	Standard Material	Standard Finish	Available Finish(es)	Size	Weight
MT-PL-SP-06-06-0013-AL 6" x 6" x .125" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	6" x 6" x 0.125" (152.40mm x 152.40mm x 3.17mm)	0.30lbs (0.13kg)
MT-PL-SP-06-06-0013-ST 6" x 6" x .125" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	6" x 6" x 0.125" (152.40mm x 152.40mm x 3.17mm)	1.00lbs (0.45kg)
MT-PL-SP-06-06-0025-AL 6" x 6" x .25" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	6" x 6" x 0.25" (152.40mm x 152.40mm x 6.35mm)	0.60lbs (0.27kg)
MT-PL-SP-06-06-0025-ST 6" x 6" x .25" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	6" x 6" x 0.25" (152.40mm x 152.40mm x 6.35mm)	1.70lbs (0.77kg)
MT-PL-SP-06-06-0050-AL 6" x 6" x .50" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	6" x 6" x 0.50" (152.40mm x 152.40mm x 12.70mm)	1.25lbs (0.56kg)
MT-PL-SP-06-06-0050-ST 6" x 6" x .50" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	6" x 6" x 0.50" (152.40mm x 152.40mm x 12.70mm)	3.45lbs (1.56kg)
MT-PL-SP-12-12-0013-AL 12" x 12" x .125" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	12" x 12" x 0.125" (304.80mm x 304.80mm x 3.17mm)	1.20lbs (0.54kg)
MT-PL-SP-12-12-0013-ST 12" x 12" x .125" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	12" x 12" x 0.125" (304.80mm x 304.80mm x 3.17mm)	4.05lbs (1.83kg)
MT-PL-SP-12-12-0025-AL 12" x 12" x .25" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	12" x 12" x 0.25" (304.80mm x 304.80mm x 6.35mm)	2.35lbs (1.06kg)
MT-PL-SP-12-12-0025-ST 12" x 12" x .25" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	12" x 12" x 0.25" (304.80mm x 304.80mm x 6.35mm)	6.85lbs (3.11kg)
MT-PL-SP-12-12-0050-AL 12" x 12" x .50" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	12" x 12" x 0.50" (304.80mm x 304.80mm x 12.70mm)	5.05lbs (2.29kg)
MT-PL-SP-12-12-0050-ST 12" x 12" x .50" Steel Spacer Plate	A36 Low Carbon Steel	10 - Zinc Clear	10-12, 20-30	12" x 12" x 0.50" (304.80mm x 304.80mm x 12.70mm)	14.05lbs (6.37)



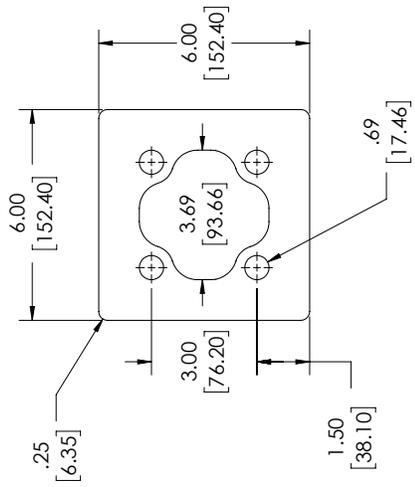
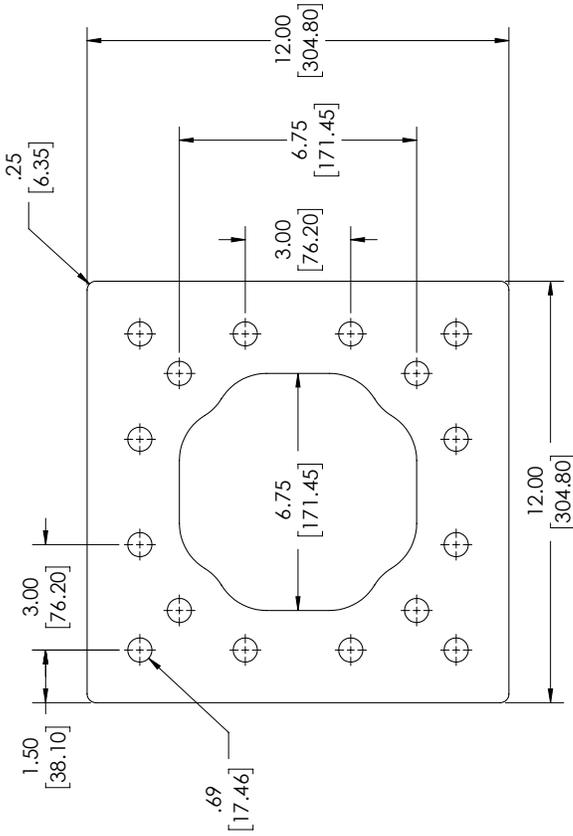
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MT-PL-SP-12-12-XXXX-XX



MT-PL-SP-06-06-XXXX-XX

SIZE	THICKNESS	MATERIAL	PART NUMBER
06"X06"	1/8"	ALUMINUM	MT-PL-SP-06-06-0013-AL
06"X06"	1/8"	STEEL	MT-PL-SP-06-06-0013-ST
06"X06"	1/4"	ALUMINUM	MT-PL-SP-06-06-0025-AL
06"X06"	1/4"	STEEL	MT-PL-SP-06-06-0025-ST
06"X06"	1/2"	ALUMINUM	MT-PL-SP-06-06-0050-AL
06"X06"	1/2"	STEEL	MT-PL-SP-06-06-0050-ST
12"X12"	1/8"	ALUMINUM	MT-PL-SP-12-12-0013-AL
12"X12"	1/8"	STEEL	MT-PL-SP-12-12-0013-ST
12"X12"	1/4"	ALUMINUM	MT-PL-SP-12-12-0025-AL
12"X12"	1/4"	STEEL	MT-PL-SP-12-12-0025-ST
12"X12"	1/2"	ALUMINUM	MT-PL-SP-12-12-0050-AL
12"X12"	1/2"	STEEL	MT-PL-SP-12-12-0050-ST



PRECISION LEVEL: MED. ±.06 (±.5%)
BRACKET DIMENSIONS ARE IN MM

6/10/2019

REVISION: V1

DESCRIPTION:

SPACER PLATES

PART NUMBER: MT-PL-SP-XX-XX-XXXX-XX

Weld Blanks



MT-PL-WB-06-06-XXX-ST



MT-PL-WB-06-12-XXX-ST



MT-PL-WB-12-12-XXX-ST

Standard Material	Steel = A36 Low Carbon Steel Aluminum = 5052-H32 Aluminum
Standard Finish	02 - No Finish
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

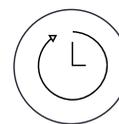
Part #	Size	Weight
MT-PL-WB-06-06-0025-AL 6" x 6" x 1/4" Aluminum Weld Blank	5.75" x 5.75" x 0.25" (146.05mm x 146.05mm x 6.35mm)	0.70lbs (0.31kg)
MT-PL-WB-06-06-0025-ST 6" x 6" x 1/4" Steel Weld Blank	5.75" x 5.75" x 0.25" (146.05mm x 146.05mm x 6.35mm)	2.10lbs (0.95kg)
MT-PL-WB-06-06-0050-AL 6" x 6" x 1/2" Aluminum Weld Blank	5.75" x 5.75" x 0.50" (146.05mm x 146.05mm x 12.70mm)	1.55lbs (0.70kg)
MT-PL-WB-06-06-0050-ST 6" x 6" x 1/2" Steel Weld Blank	5.75" x 5.75" x 0.50" (146.05mm x 146.05mm x 12.70mm)	4.20lbs (1.90kg)
MT-PL-WB-06-12-0025-AL 6" x 12" x 1/4" Aluminum Weld Blank	5.75" x 11.75" x 0.25" (146.05mm x 298.45mm x 6.35mm)	1.50lbs (1.97kg)
MT-PL-WB-06-12-0025-ST 6" x 12" x 1/4" Steel Weld Blank	5.75" x 11.75" x 0.25" (146.05mm x 298.45mm x 6.35mm)	4.35lbs (1.97kg)
MT-PL-WB-06-12-0050-AL 6" x 12" x 1/2" Aluminum Weld Blank	5.75" x 11.75" x 0.50" (146.05mm x 298.45mm x 12.70mm)	3.20lbs (1.45kg)
MT-PL-WB-06-12-0050-ST 6" x 12" x 1/2" ASteel Weld Blank	5.75" x 11.75" x 0.50" (146.05mm x 298.45mm x 12.70mm)	8.80lbs (3.99kg)
MT-PL-WB-12-12-0025-AL 12" x 12" x 1/4" Aluminum Weld Blank	11.50" x 11.50" x 0.25" (292.10mm x 292.10mm x 6.35mm)	2.95lbs (1.33kg)
MT-PL-WB-12-12-0025-ST 12" x 12" x 1/4" Steel Weld Blank	11.50" x 11.50" x 0.25" (292.10mm x 292.10mm x 6.35mm)	8.40lbs (3.81kg)
MT-PL-WB-12-12-0050-AL 12" x 12" x 1/2" Aluminum Weld Blank	11.50" x 11.50" x 0.50" (292.10mm x 292.10mm x 12.70mm)	6.35lbs (2.88kg)
MT-PL-WB-12-12-0050-ST 12" x 12" x 1/2" Steel Weld Blank	11.50" x 11.50" x 0.50" (292.10mm x 292.10mm x 12.70mm)	17.4 (7.92kg)

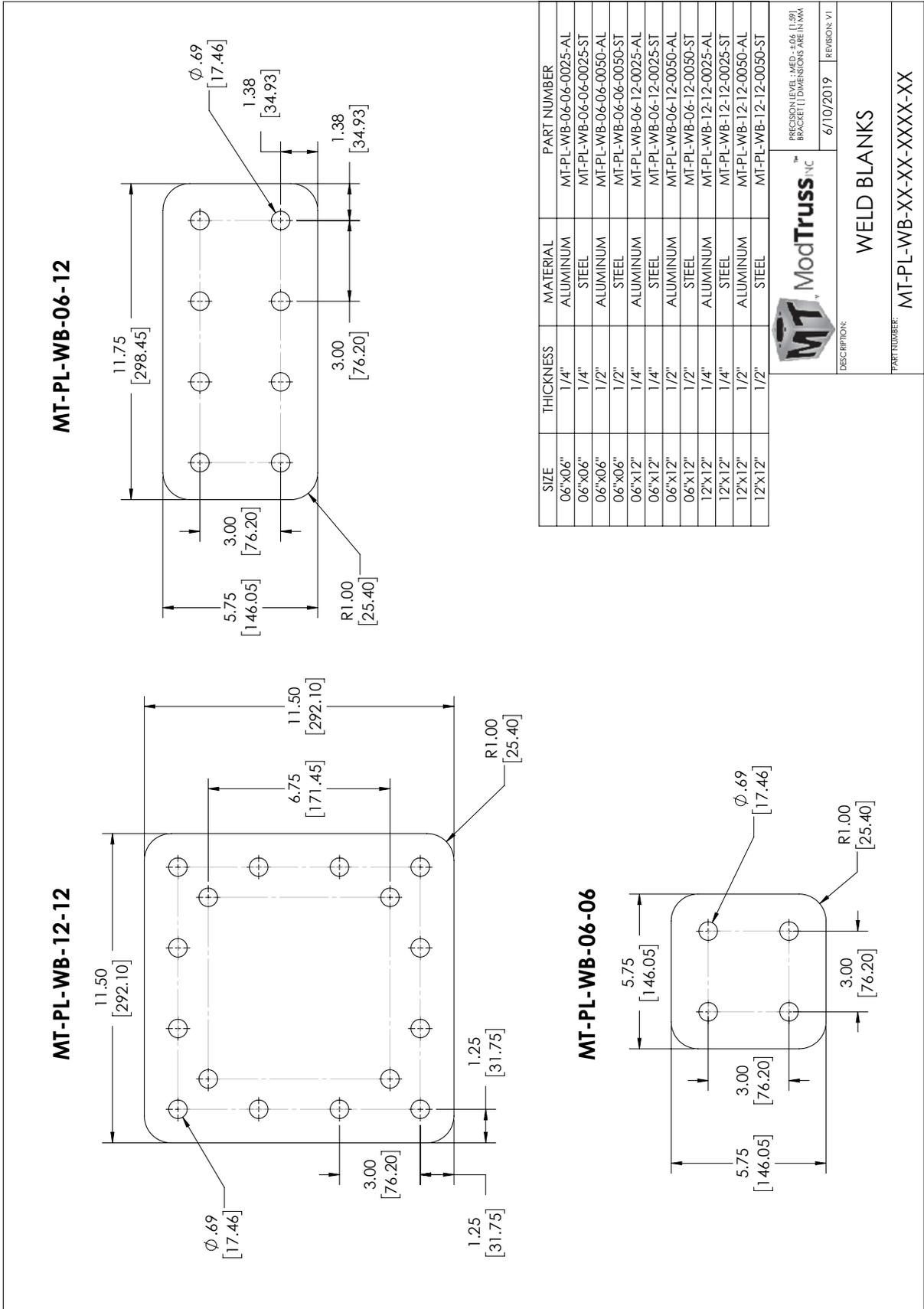


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SIZE	THICKNESS	MATERIAL	PART NUMBER
06"X06"	1/4"	ALUMINUM	MT-PL-WB-06-06-0025-AL
06"X06"	1/4"	STEEL	MT-PL-WB-06-06-0025-ST
06"X06"	1/2"	ALUMINUM	MT-PL-WB-06-06-0050-AL
06"X06"	1/2"	STEEL	MT-PL-WB-06-06-0050-ST
06"X12"	1/4"	ALUMINUM	MT-PL-WB-06-12-0025-AL
06"X12"	1/4"	STEEL	MT-PL-WB-06-12-0025-ST
06"X12"	1/2"	ALUMINUM	MT-PL-WB-06-12-0050-AL
06"X12"	1/2"	STEEL	MT-PL-WB-06-12-0050-ST
12"X12"	1/4"	ALUMINUM	MT-PL-WB-12-12-0025-AL
12"X12"	1/4"	STEEL	MT-PL-WB-12-12-0025-ST
12"X12"	1/2"	ALUMINUM	MT-PL-WB-12-12-0050-AL
12"X12"	1/2"	STEEL	MT-PL-WB-12-12-0050-ST

MT ModTruss^{INC}

PRECISION LEVEL: MED-±.06 (1.59)
BRACKET DIMENSIONS ARE IN MM

DESCRIPTION: WELD BLANKS

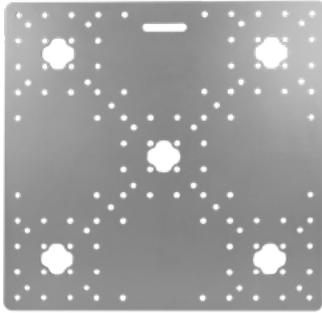
REVISION: V1

DATE: 6/10/2019

PART NUMBER: MT-PL-WB-XX-XX-XXXX-XX

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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Base Plates



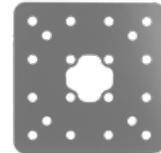
MT-PL-B-36-36-0075



MT-PL-B-24-24-0075



MT-PL-B-18-18-0075



MT-PL-B-12-12-0075

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part #	Size	Weight
MT-PL-B-36-36-0075 36" x 36" Steel Base Plate	36" x 36" x 0.75" (914.40mm x 914.40mm x 6.35mm)	103.90lbs (47.13kg)* Non-Certified
MT-PL-B-24-24-0075 24" x 24" Steel Base Plate	24" x 24" x 0.75" (609.60mm x 609.60mm x 6.35mm)	49.70lbs (22.54kg)
MT-PL-B-18-18-0075 18" x 18" Steel Base Plate	18" x 18" x 0.75" (457.20mm x 457.20mm x 6.35mm)	28.80lbs (13.06kg)
MT-PL-B-12-12-0075 12" x 12" Steel Base Plate	12" x 12" x 0.75" (304.80mm x 304.80mm x 6.35mm)	12.50lbs (5.67kg)



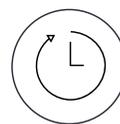
In Stock



Compatible

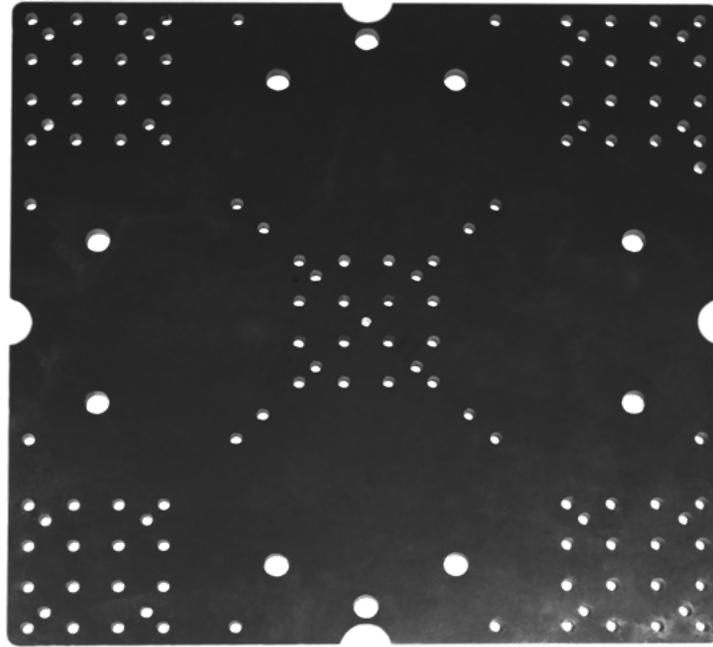


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48" x 48" x 1" Base Plate



MT-PL-B-48-48-0100

Standard Material	A36 Low Carbon Steel
Standard Finish	20 - Semi Gloss Black Powder Coated
Available Finish(es)	20-30 Powder Coated
Size	48" x 48" x 1" (1219.20mm x 1219.20mm x 25.40mm)
Weight	630lbs* (285.76kg) *Not Certified
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



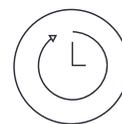
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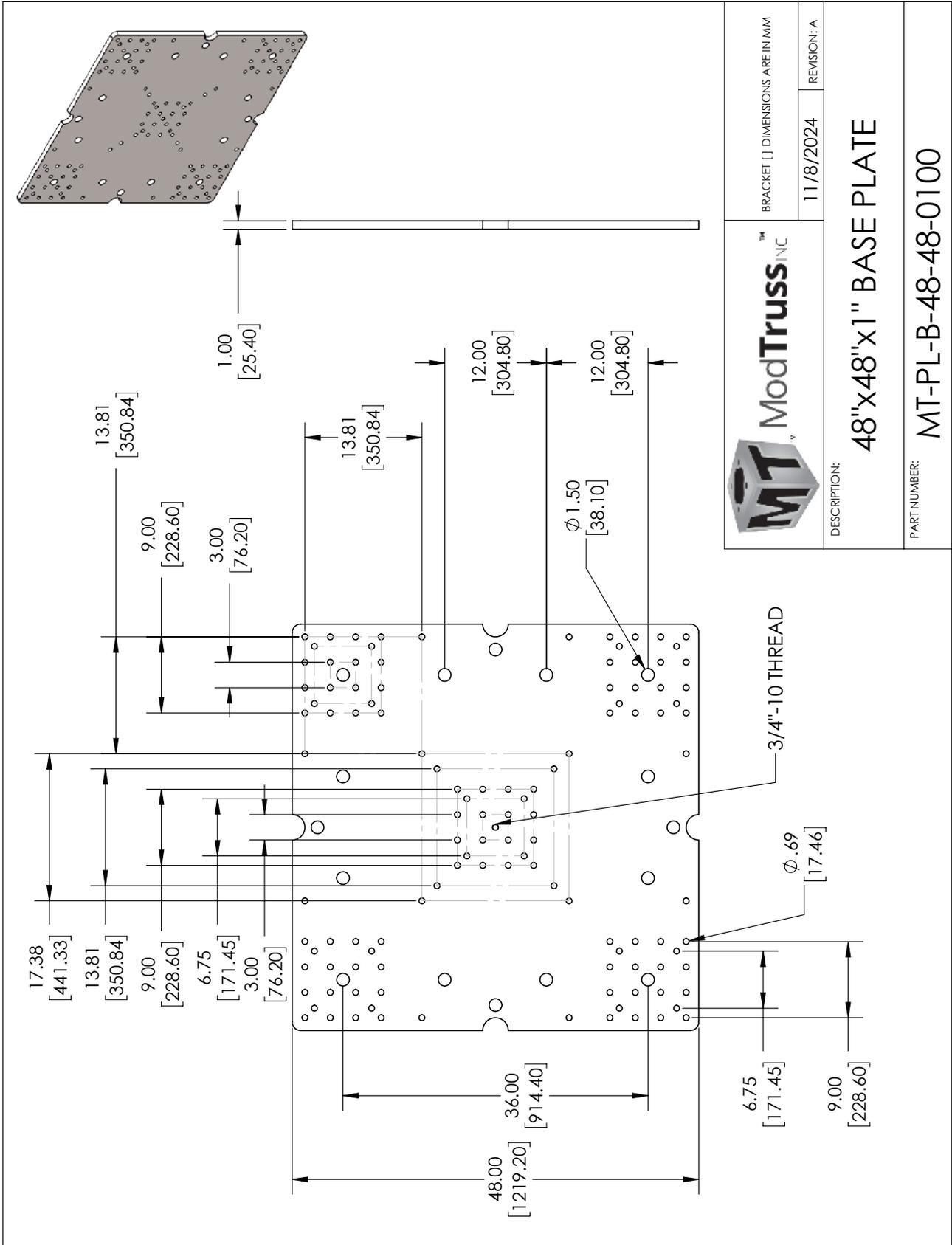
Compatible



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Traceable



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Order



BRACKET DIMENSIONS ARE IN MM

11/8/2024 REVISION: A

DESCRIPTION:
48"X48"X1" BASE PLATE

PARTNUMBER:
MT-PL-B-48-48-0100

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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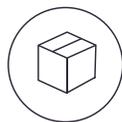
PLATES

Event Stanchion

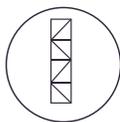


MT-PL-B-BB-36-36-36

Standard Material	A36 Low Carbon Steel
Standard Finish	21- Powder Coat Flat Black
Available Finish(es)	20-30 Powder Coated
Weight	2,850lbs (1,292.3kgs) +/- 5% variance
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



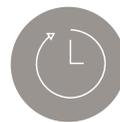
In Stock



Compatible



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Made To Order

PART NUMBER	DESCRIPTION	QTY.
MT-PL-B-BB-36-36-0A	STEEL BASE FRAME	1
MT-MT-JA-LV-XX-XX-05K-FT	Swivel Leveling Foot	4
MT-TK-TT-PLG-STR-132	5/8"-11 THREAD TAP STRAIGHT FLUT	1

	ModTruss™	BRACKET () DIMENSIONS ARE IN MM
DESCRIPTION:		10/28/2025 REVISION: A
EVENT STANCHION		
PART NUMBER: MT-PL-B-BB-36-36-36		

JOIST HANGERS



Integrate wood joists into your projects with reusable ModTruss Joist Hangers.



Use joists to support decks, walls, roofs and more.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

Joist Hangers



MT-JH-02-12-090



MT-JH-02-08-090



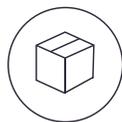
MT-JH-02-06-090



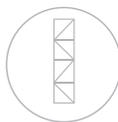
MT-JH-02-04-090

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Hole Size	11/16" (17.46mm) 1/2" Bolt Hole (12.7mm) 0.20" Screw Hole (5.08mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 1/2" Drill Bit 3/4" Combination Wrench 3/4" Deep Well Socket, 1/2" Drive

Part # Description	Size	Weight	
MT-JH-02-12-090 2" x 12" x 90°	4.75" x 3.13" x 11.38" (120.07mm x 79.50mm x 289.05mm)	3.40lbs (1.54kg)	Joist Hanger Fits Nominal 2" x 12" Lumber (Actual size 1.5" x 11.25" - 38mm x 286mm) as defined by the ALSC
MT-JH-02-08-090 2" x 8" x 90°	4.75" x 3.13" x 7.38" (120.07mm x 79.50mm x 187.45mm)	2.30lbs (1.04kg)	Joist Hanger Fits Nominal 2" x 8" Lumber (Actual size 1.5" x 7.25" - 38mm x 184mm) as defined by the ALSC
MT-JH-02-06-090 2" x 6" x 90°	4.75" x 3.13" x 5.63" (120.07mm x 79.50mm x 143.00mm)	1.70lbs (0.77kg)	Joist Hanger Fits Nominal 2" x 6" Lumber (Actual size 1.5" x 5.5" - 38mm x 140mm) as defined by the ALSC
MT-JH-02-04-090 2" x 4" x 90°	4.75" x 3.13" x 3.63" (120.07mm x 79.50mm x 92.20mm)	1.10lbs (0.50kg)	Joist Hanger Fits Nominal 2" x 4" Lumber (Actual size 1.5" x 3.5" - 38mm x 89mm) as defined by the ALSC



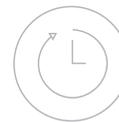
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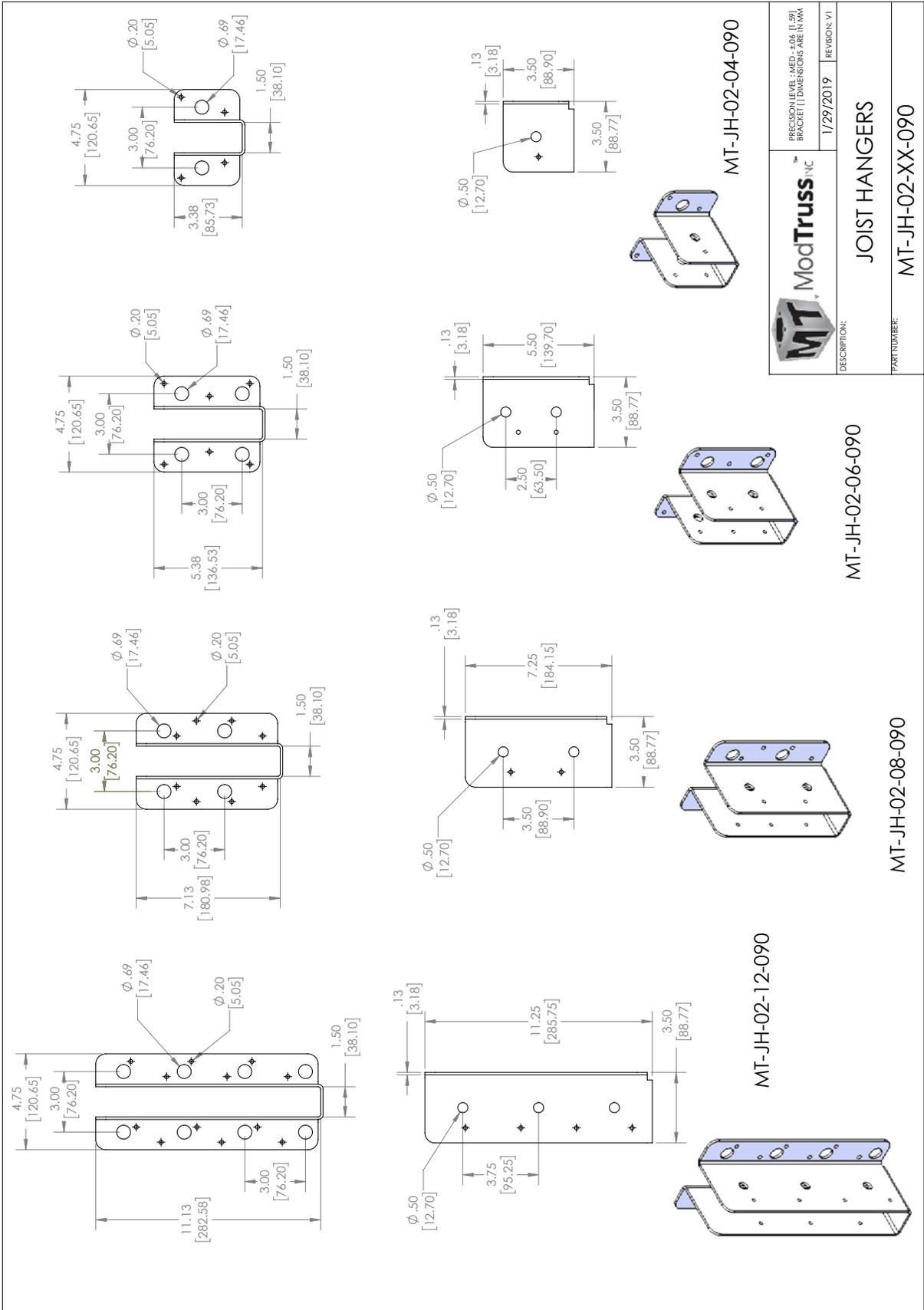
Compatible



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Universal Joist Hanger

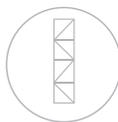


MT-JH-12-02-090-UN

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	11.75" x 1.63" x 1.63" (298.45mm x 41.28mm x 41.28mm)
Weight	1.00lbs (0.45kg)
Hole Size	11/16" (17.46mm) 1/2" Bolt Hole (12.7mm) 0.20" Screw Hole (5.08mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 1/2" Drill Bit 3/4" Combination Wrench 3/4" Deep Well Socket , 1/2" Drive



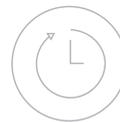
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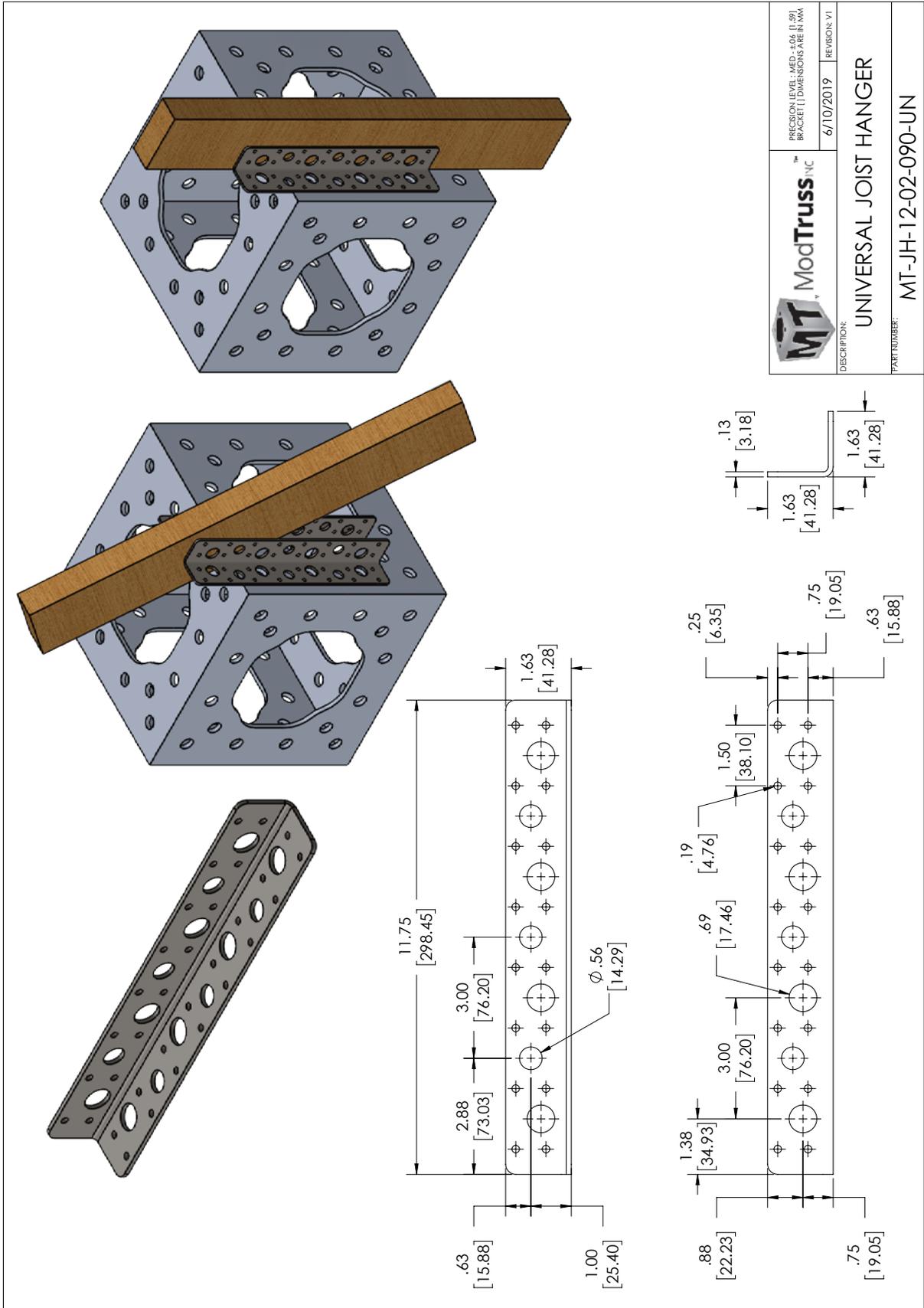
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— PIPE ADAPTERS



With a simple Pipe Adapter Mod**Truss** is compatible with traditional scaffold products.



Integrate pipe and tube into your projects using: lamp bars for lighting, guardrail and handrail for fall protection, rigging options, and more.

TR

EX

PL

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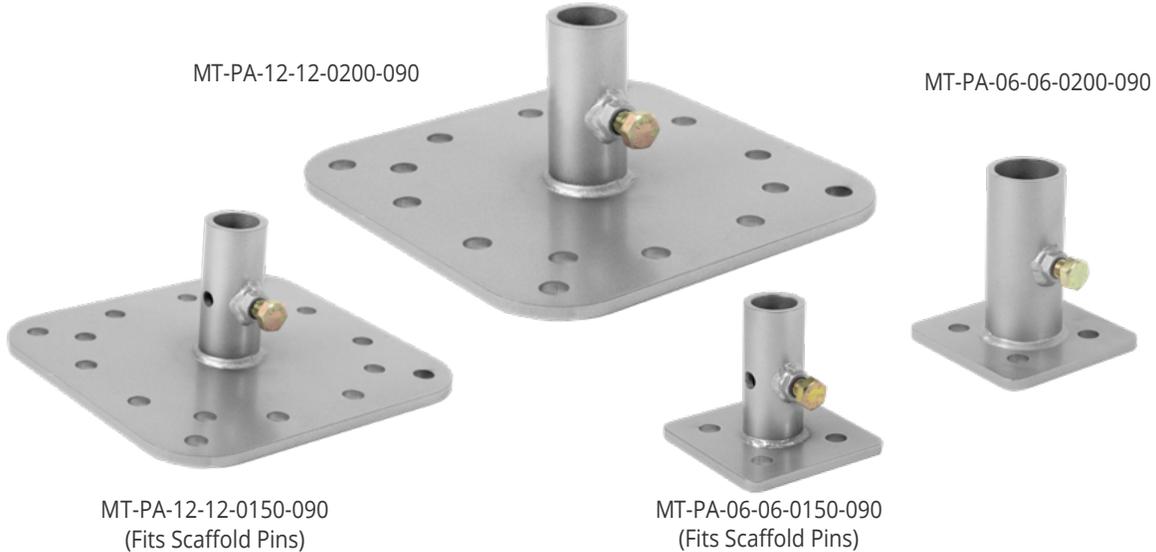
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90° Pipe Adapters



Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coat
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide

Part # Description	Size	Weight	Hole Size	Recommended Tools
MT-PA-12-12-0200-090 12" Plate to 2" Pipe 90°	11.5" x 11.5" x 6" (292.10mm x 292.10mm x 152.40mm)	15.40lbs (6.98kg)	11/16" (17.46mm) Pipe Hole - 1.5" (38.10mm)	Tool Kit 1
MT-PA-12-12-0150-090 12" Plate to 1.5" Pipe 90° (Scaffold Pin Compatible)	11.5" x 11.5" x 5" (292.10mm x 292.10mm x 127.0mm)	14.60lbs (6.62kg)	11/16" (17.46mm) Pipe Hole - 1.5" (38.10mm) Cross Hole - 0.5" (12.70mm)	Tool Kit 1 3/4" Combination Wrench - MT-TK-CW-07-0-SAE
MT-PA-06-06-0200-090 6" Plate to 2" Pipe 90°	5.5" x 5.5" x 6" (139.70mm x 139.70mm x 152.40mm)	5.45lbs (2.47kg)	11/16" (17.46mm) Pipe Hole - 1.5" (38.10mm)	Tool Kit 1
MT-PA-06-06-0150-090 6" Plate to 1.5" Pipe 90° (Scaffold Pin Compatible)	5.5" x 5.5" x 5" (139.70mm x 139.70mm x 127.00mm)	4.75lbs (2.16kg)	11/16" (17.46mm) Pipe Hole - 1.5" (38.10mm) Cross Hole - 0.5" (12.70mm)	Tool Kit 1 3/4" Combination Wrench - MT-TK-CW-07-0-SAE



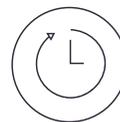
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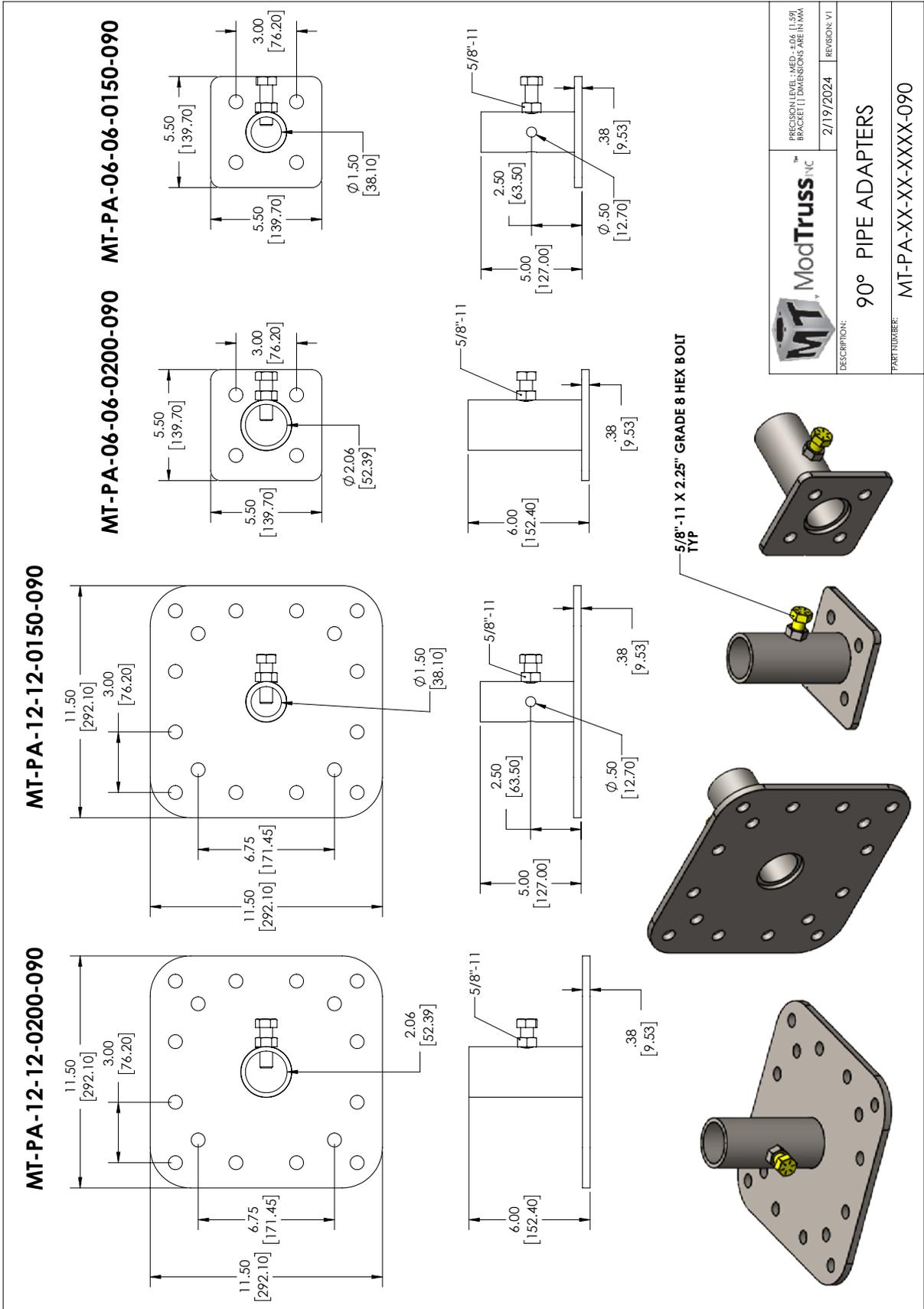
Compatible



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Traceable



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TR

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RG

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HW

TK

MH

FT

GL

Square Tube Adapter



MT-PA-12-12-SQ-0300-090

Standard Material	A36 Low Carbon Steel
Standard Finish	20- Semi Gloss Black Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	11.50" x 11.50" x 6.38" (292.10mm x 292.10mm x 161.93mm)
Weight	16,80lbs (7.62kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



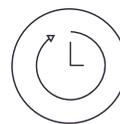
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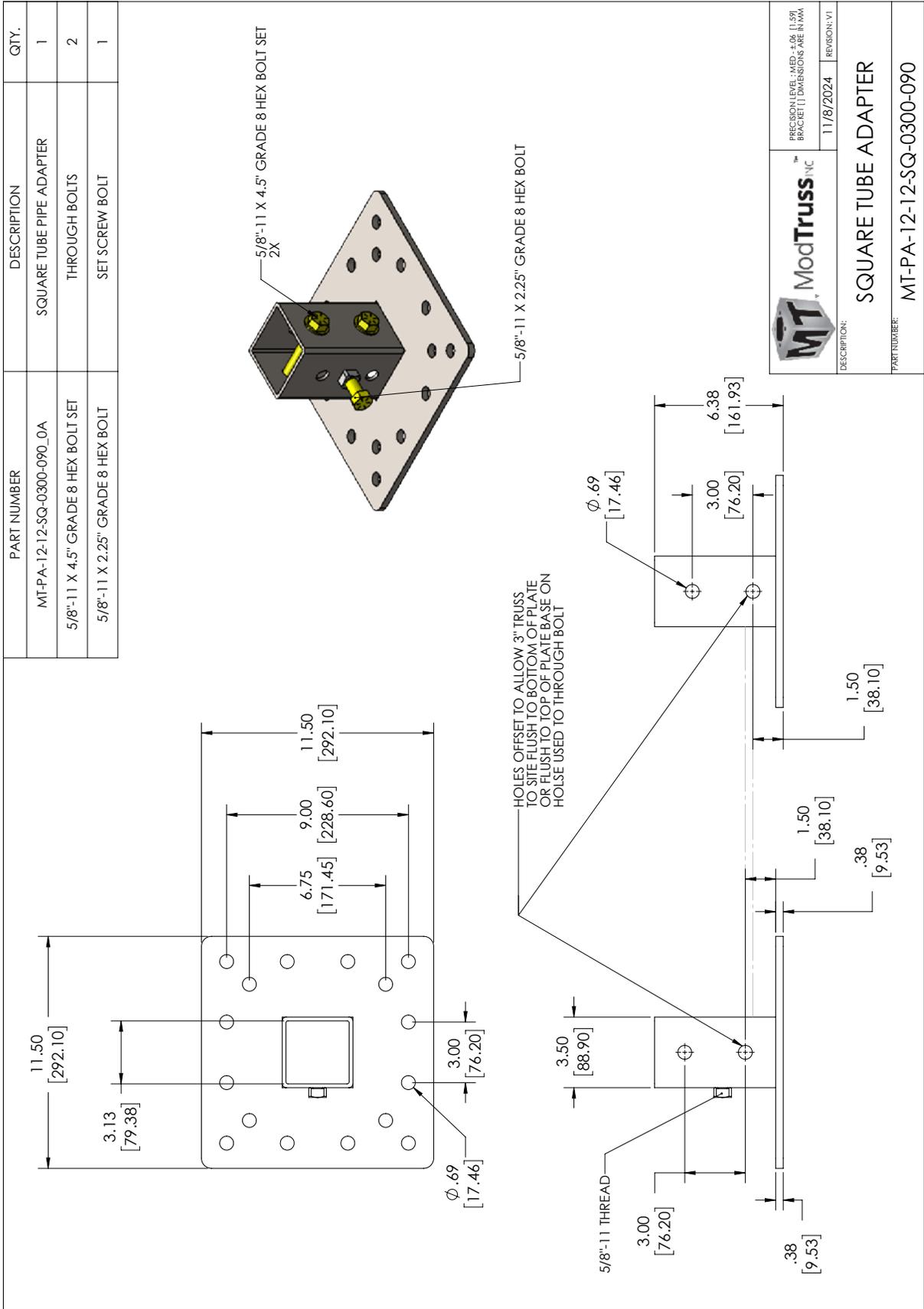
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0° Pipe Adapters



MT-PA-06-12-0200-000



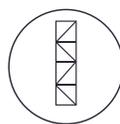
MT-PA-03-06-0200-000

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight	Hole Size
MT-PA-06-12-0200-000 6" x 12" 0° Pipe Adapter	11.75" x 5.5" x 2.50" (292.10mm x 292.10mm x 152.40mm)	9.50lbs (4.31kg)	11/16" (17.46mm)
MT-PA-03-06-0200-0000 2" Pipe Adapter 0°	11.5" x 11.5" x 5" (292.10mm x 292.10mm x 127.0mm)	2.05lbs (0.93kg)	11/16" (17.46mm) 2.06" (52.32mm)



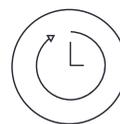
In Stock



Compatible

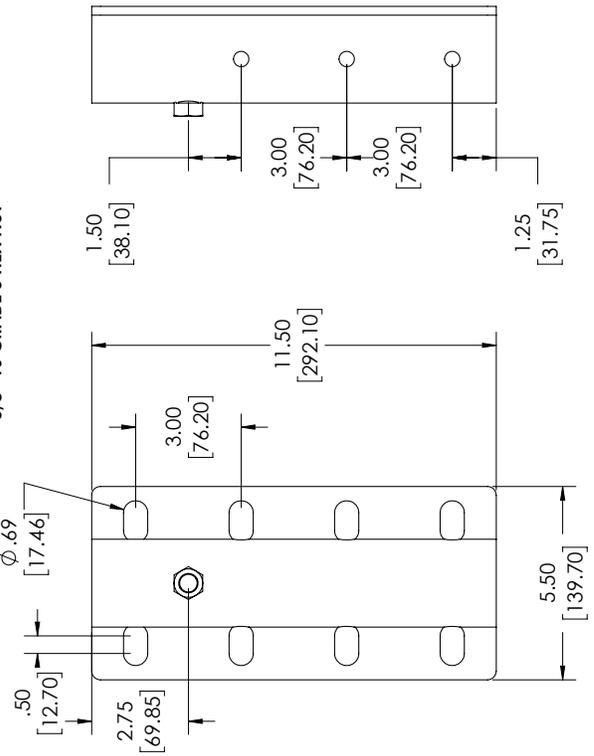
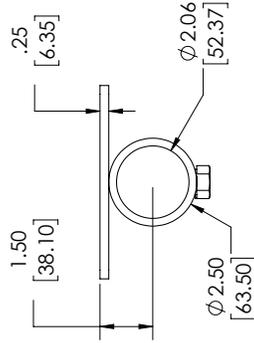
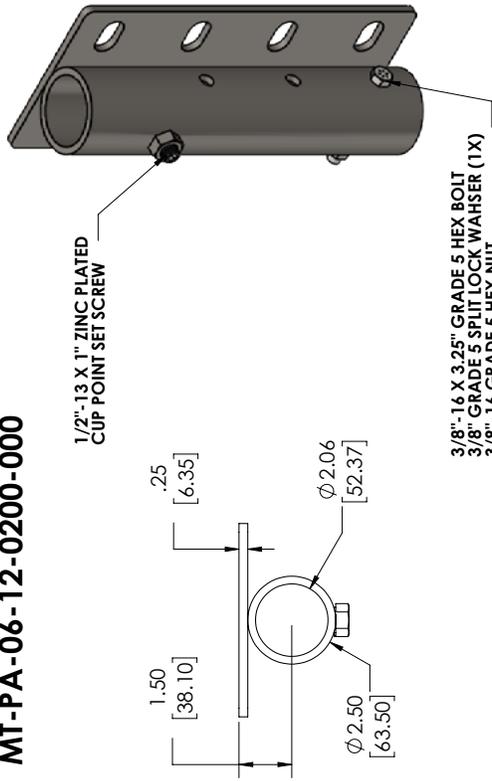


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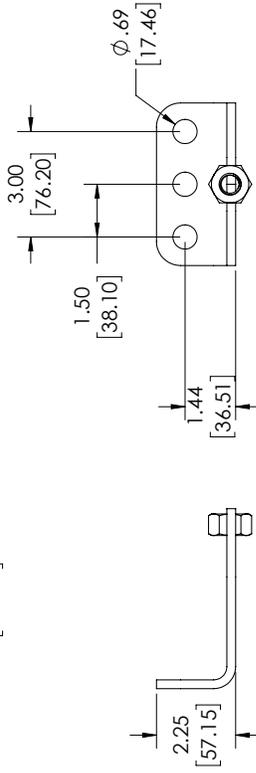
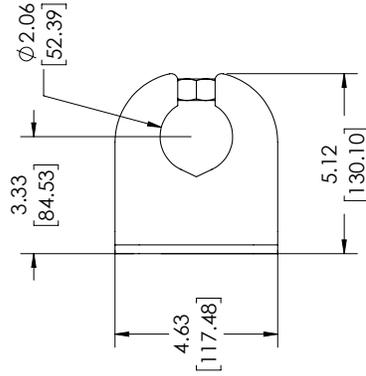
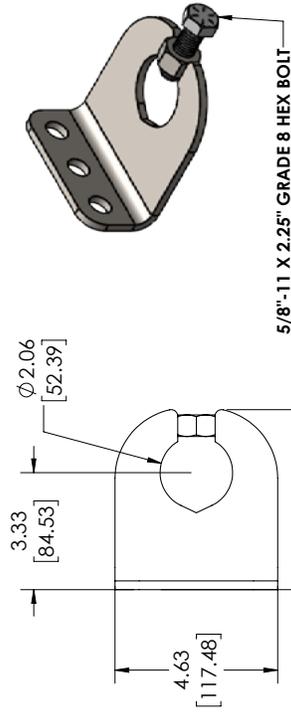


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MT-PA-06-12-0200-000



MT-PA-03-06-0200-000



PRECISION LEVEL: MED-±.06 [1.52]
BRACKET DIMENSIONS ARE IN MM

2/19/2024 REVISION: V1

DESCRIPTION: ZERO DEGREE PIPE ADAPTERS

PART NUMBER: MT-PA-XX-XX-0200-000

HINGES



Hinges do not require much explanation- we use them every day in our life and often the structure you are designing and building needs one too.



Mod**Truss** offers a variety of hinges for your project's needs: standard, flat, quick release, and more.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

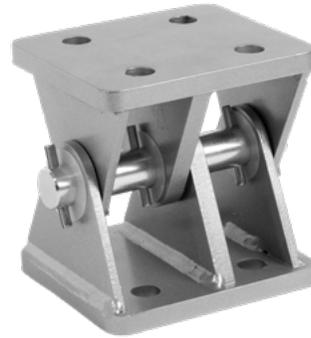
FT

GL

180° Hinge Assembly



MT-HG-S-12-12-12-AS



MT-HG-S-06-06-06-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-HG-S-12-12-12-AS 12" 180° Hinge Assembly	12" x 12" x 12" (304.80mm x 304.80mm x 304.80mm)	65.10lbs (29.53kg)
MT-HG-S-06-06-06-AS 6" 180° Hinge Assembly	6" x 6" x 6" (152.40mm x 152.40mm x 152.40mm)	14.50lbs (6.58kg)



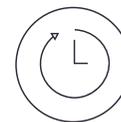
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Compatible



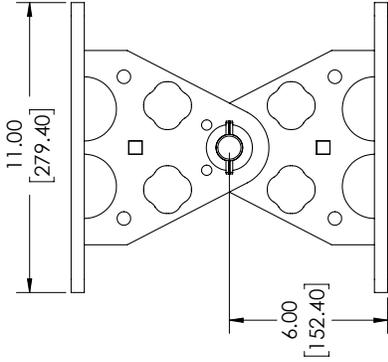
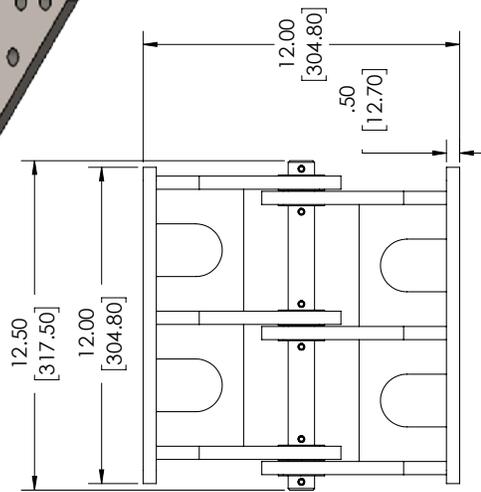
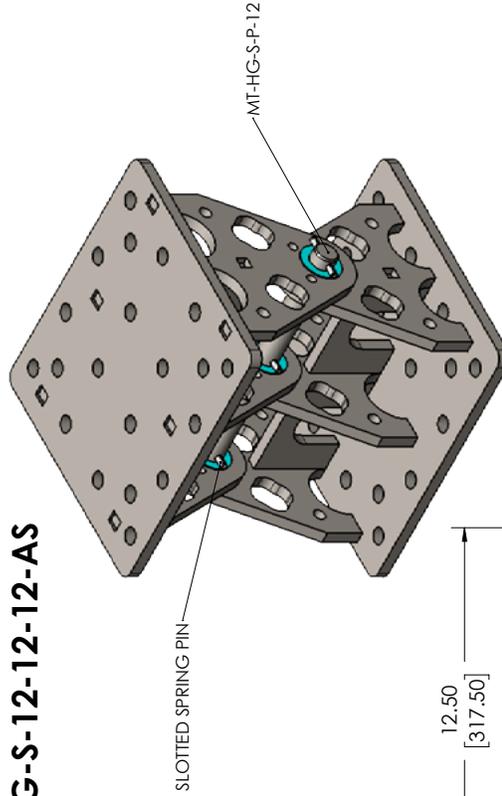
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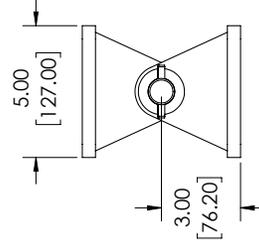
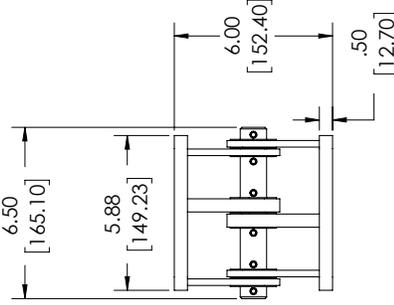
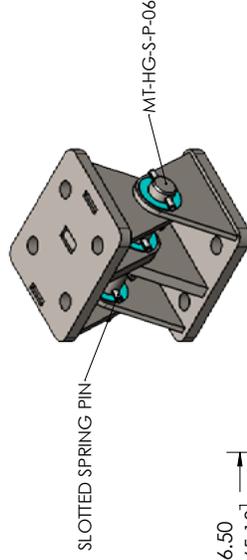
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Order

PART NUMBER	DESCRIPTION	QTY.	PART NUMBER	DESCRIPTION	QTY.
MT-HG-S-12-12-12	12" HINGE HALVE	2	MT-HG-S-06-06-06	6" HINGE HALVE	2
MT-HG-S-P-12	12" STANDARD HINGE PIN	1	MT-HG-S-P-06	6" STANDARD HINGE PIN	1
MT-HW-PN-SC-SLT-SPS-ZIP-0200-0200-0025	ZINC-PLATED 1050-1095 STEEL SLOTTED SPRING PINS	6	MT-HW-PN-SC-SLT-SPS-ZIP-0200-0200-0025	ZINC-PLATED 1050-1095 STEEL SLOTTED SPRING PINS	6
MT-HW-WA-MLP-NYL-NOF-0004-0102-0175	MIL. SPEC. PLASTIC WASHER	9	MT-HW-WA-MLP-NYL-NOF-0004-0102-0175	MIL. SPEC. PLASTIC WASHER	9

MT-HG-S-12-12-12-AS



MT-HG-S-06-06-06-AS



PRECISION LEVEL: MED-±.06 (L.59)
BRACKET DIMENSIONS ARE IN MM

REVISION:
7/11/2025

DESCRIPTION:
180 HINGE ASSEMBLY

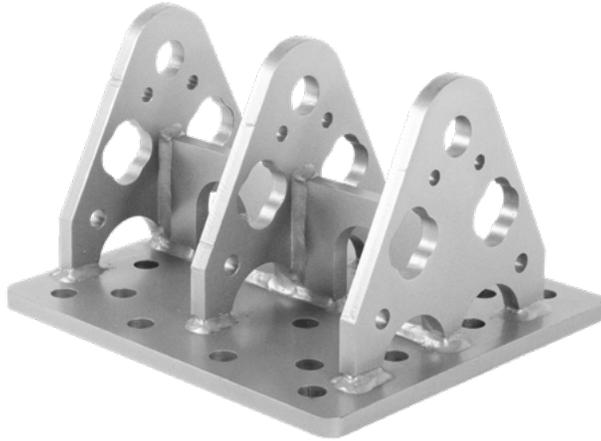
PART NUMBER:
MT-HG-S-XX-XX-XX-AS

GL	FT	MH	TK	HW	AC	RG	MO	HG	PA	JH	PL	EX	TR
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HINGES

180° Hinge Half

MT-HG-S-12-12-12



MT-HG-S-06-06-06

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-HG-S-12-12-12	7.5" x 12" x 11" (190.50mm x 304.80mm x 279.40mm)	30.50lbs (13.83kg)
MT-HG-S-06-06-06	5.88" x 5" x 4" (149.35mm x 127.0mm x 101.6mm)	6.50lbs (2.95kg)



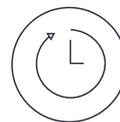
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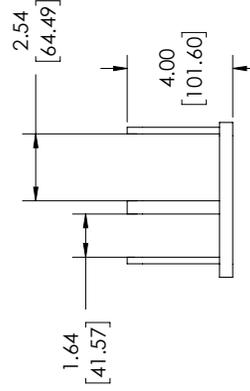
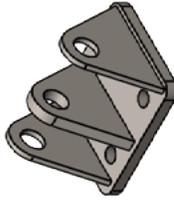
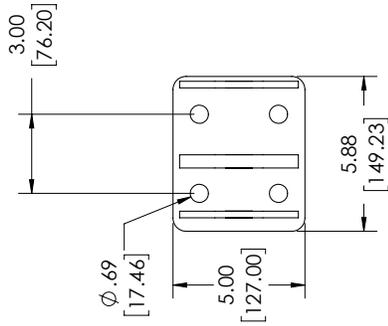


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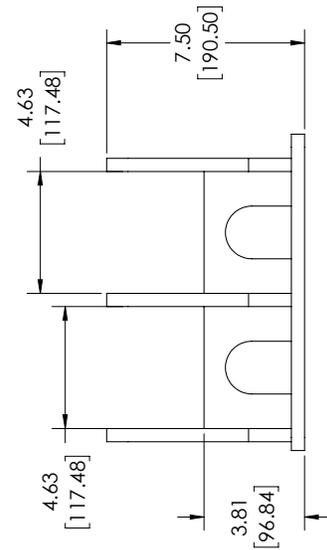
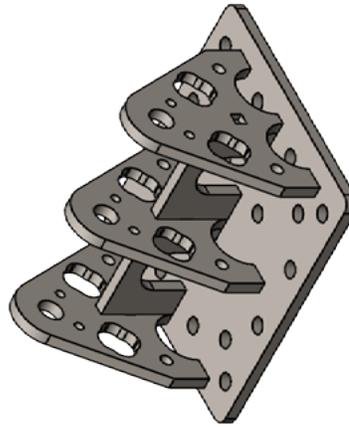
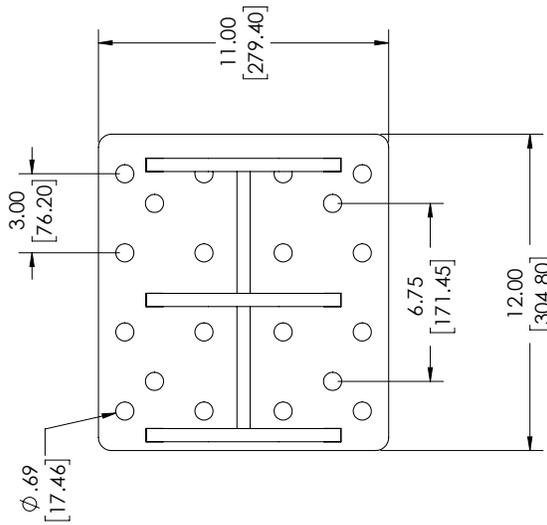


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MT-HG-S-06-06-06



MT-HG-S-12-12-12



PRECISION LEVEL: MED-±.06 (±.5%)
BRACKET DIMENSIONS ARE IN MM

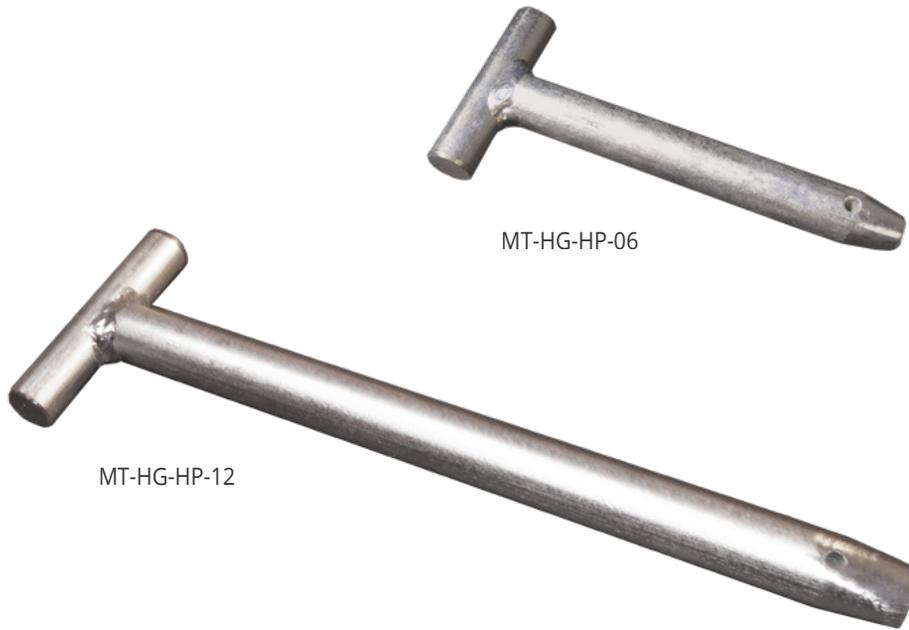
3/18/2024

REVISION: A

DESCRIPTION:
180° HINGE HALF

PART NUMBER:
MT-HG-S-XX-XX-XX

Hitch Pins



MT-HG-HP-06

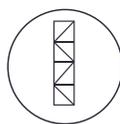
MT-HG-HP-12

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Hole Size	0.26" (6.50mm)
Recommended Hardware	Cotter Pin - MT-HW-P-CP-0448-0012-0110
Recommended Tools	Rubber Mallet

Part # Description	Size	Weight
MT-HG-HP-12 12" 180° Hinge Hitch Pin	3" x 14.25" x 1" (76.20mm x 361.95mm x 25.40mm)	3.60lbs (1.63kg)
MT-HG-HP-06 6" 180° Hinge Hitch Pin	3" x 8.25" x 1" (76.20mm x 209.55mm x 25.40mm)	2.20lbs (1.0kg)



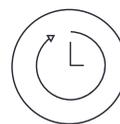
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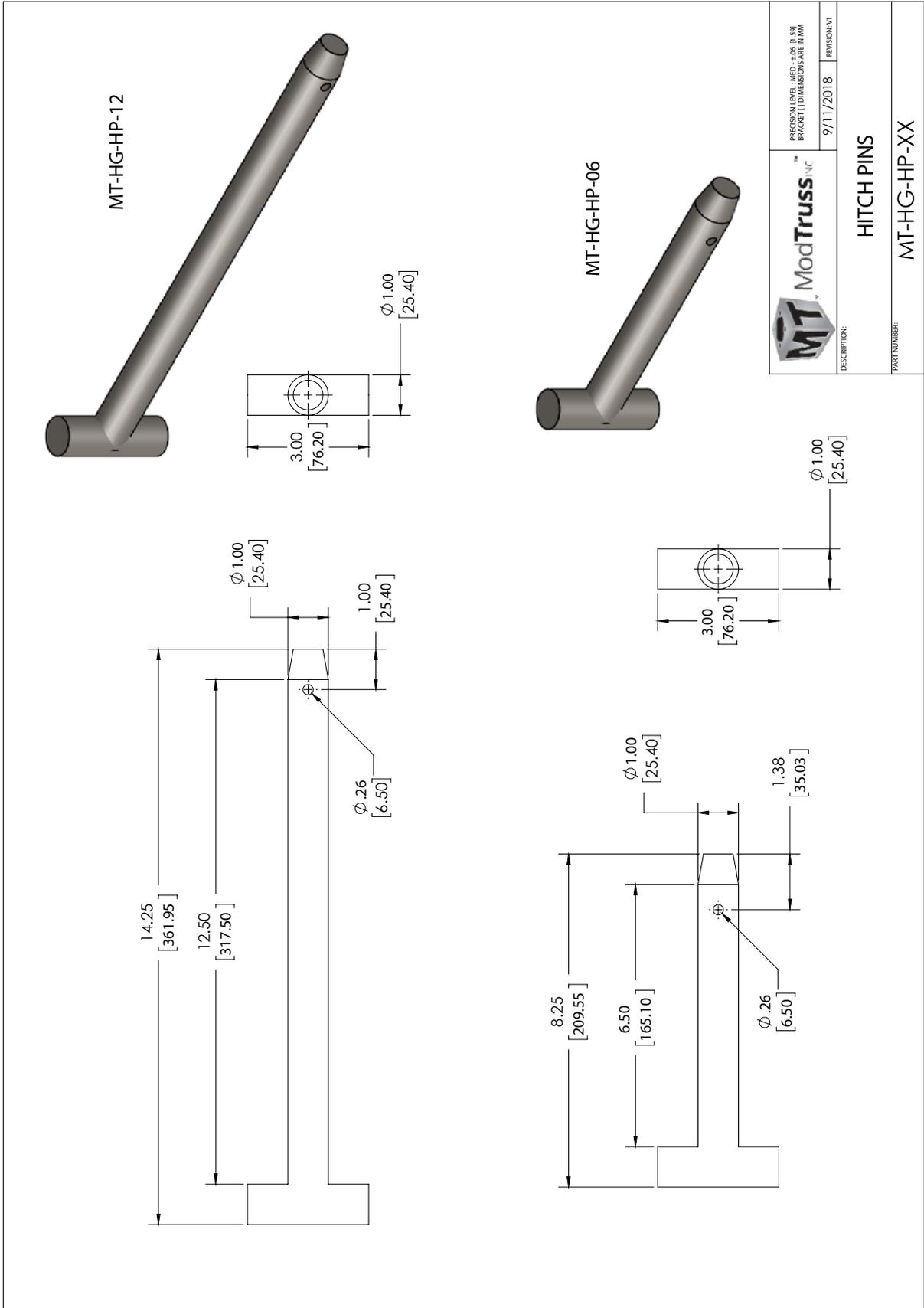
Compatible



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Traceable



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Order



Flat Hinges



MT-HG-F-12-12-24



MT-HG-F-06-06-12

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-HG-F-12-12-24 12" Flat Hinge	12.5" x 12" x 2.5" (317.50mm x 304.80mm x 63.50mm)	27.40lbs (12.43kg)
MT-HG-F-06-06-12* 6" Flat Hinge	6.5" x 6" x 2.5" (165.10mm x 152.40mm x 63.50mm)	8.35lbs (3.79kg)



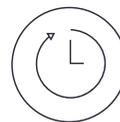
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Compatible



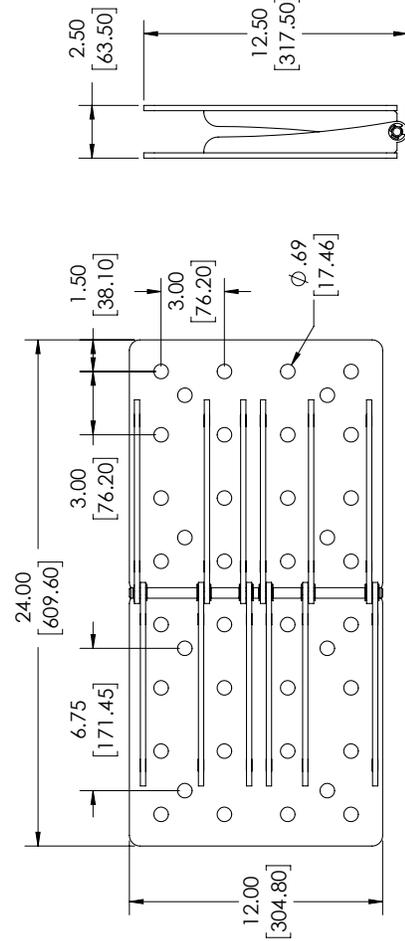
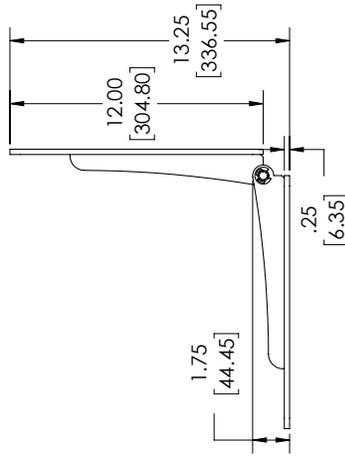
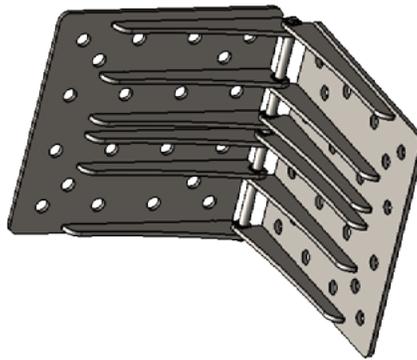
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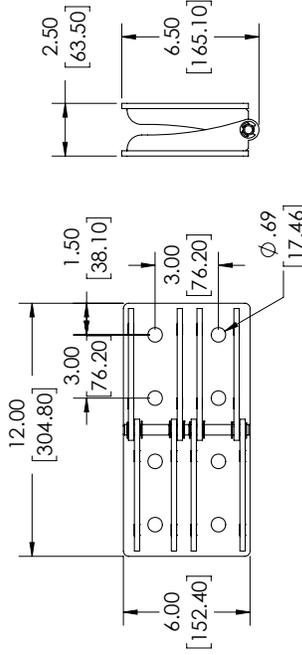
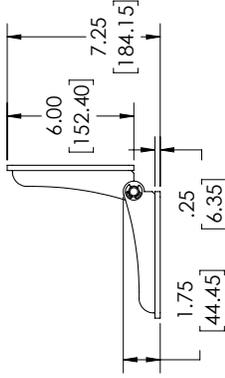
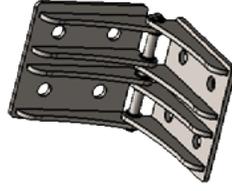
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PART NUMBER	DESCRIPTION	QTY.	PART NUMBER	DESCRIPTION	QTY.
MT-HG-F-12-12-24_0A	HINGE WELDMENT, 12" X 12" X 24" HINGE PIN, Ø 0.5"	2	MT-HG-F-06-06-12_0A	HINGE WELDMENT, 6" X 6" X 12"	2
MT-HG-F-12-12-24_0B	SIDE-MOUNT EXTERNAL RETAINING RINGS	1	MT-HG-F-06-06-12_0B	HINGE PIN, Ø 0.5"	1
MT-HW-RR-SDE-SPS-ZIP-0050-0040-0004		12	MT-HW-RR-SDE-SPS-ZIP-0050-0040-0004	SIDE-MOUNT EXTERNAL RETAINING RINGS	8

MT-HG-F-12-12-24



MT-HG-F-06-06-12



PRECISION LEVEL: MED-±.06 (-1.57)
BRACKET DIMENSIONS ARE IN MM

REVISION: 7/11/2025

DESCRIPTION: 90 DEGREE FLAT HINGES

PART NUMBER: MT-HG-F-XX-XX-XX

MOTION



Climb, glide, roll, spin- Mod**Truss** offers exciting motion products to get your design moving.



Traditional self climbing packages for all series of truss and extrusion beams including sleeve blocks and headblocks.



Chain and wire can be directed both vertically and horizontally with the Mod**Truss** axles.



Move your structures with ease with trolleys and caster products.



Mod**Truss** has multiple solutions for Height Adjustment including Jacks, Leveling Feet and even Telescoping Columns.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

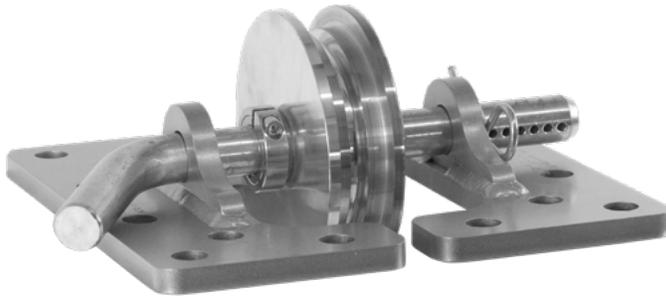
TK

MH

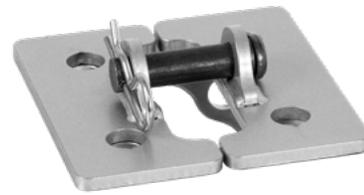
FT

GL

Flush Mount Axle Assembly



MT-MO-AX-FL-12-AS



MT-MO-AX-FL-06-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight	Hole Size	Recommended Hardware
MT-MR-AX-FL-12-AS 12" Flush Axle Mount Assembly	10.75" x 10.75" x 2.38" (273.05mm x 273.05mm x 60mm)	18.05lbs (8.18kg)	1 1/16" (17.46mm) 1" (25.40mm)	5/8"-11 Thread Grade 8 Bolt, 2.5" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
MT-MR-AX-FL-06-AS* 6" Flush Axle Mount Assembly	5.25" x 5.38" x 1.28" (133mm x 137mm x 33mm)	1.90lbs (0.863kg)	1 1/16" (17.46mm) 5/8" (15.87mm)	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)



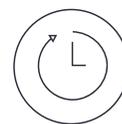
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Compatible



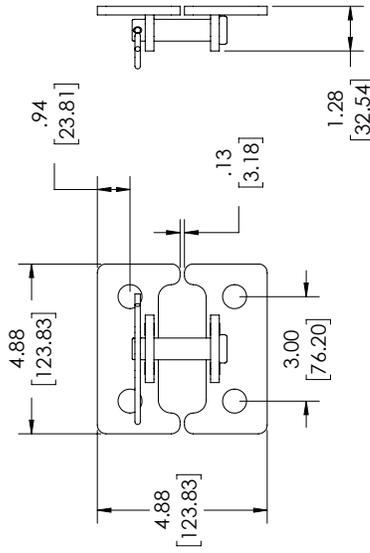
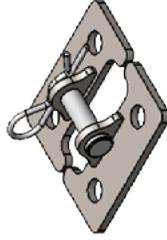
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Traceable



Made To
Order

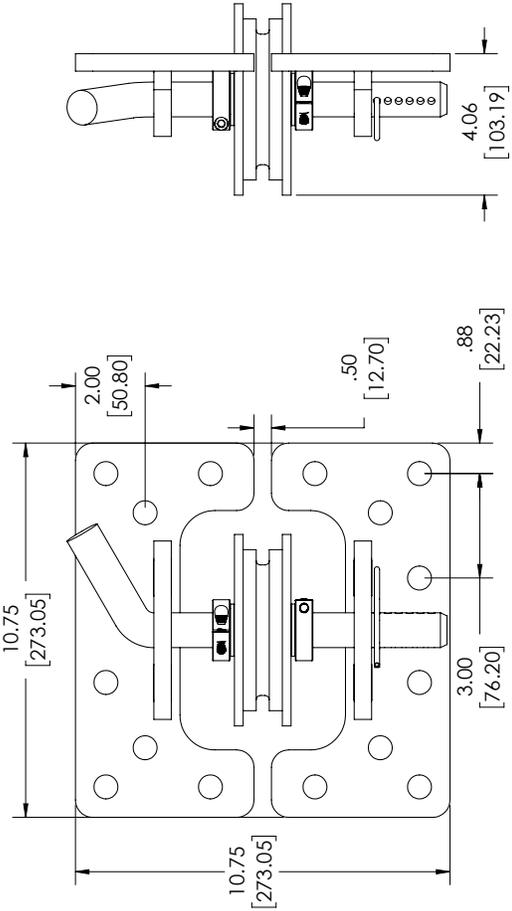
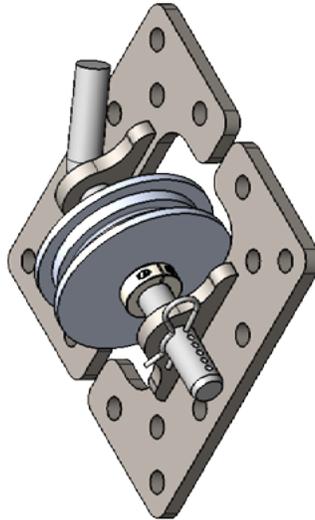
PART NUMBER	DESCRIPTION	QTY.
MT-MO-AX-FL-06-0A	6" FLUSH MOUNT AXLE HALF	2
MT-HW-PN-CL-FLT-ALS-ZIP-0250-0225-0063	CLEVIS PIN ALLOY STEEL ZINC PLATED	1

MT-MO-AX-FL-06-AS



PART NUMBER	DESCRIPTION	QTY.
MT-MO-AX-FL-12-0A	12" FLUSH MOUNT AXLE HALF	2
MT-MO-HB-CW-0550	5-1/2" DIAMETER CHAIN WHEEL, ALUMINUM	1
MT-HW-CO-CL-1P-ALS-ZIP-RD-0100-0175-0050	CLAMP ON SHAFT COLLAR	2
MT-HW-BA-PLN-FLG-0100-0125-0075-0013-0150-OEB	OIL EMBEDDED FLANGED SLEEVE BEARING	2
MT-HW-PN-CL-BNT-ALS-ZIP-1091-0625-0100	BENT HEAD CLEVIS PIN ALLOY STEEL ZINC PLATED	1

MT-MO-AX-FL-12-AS



PRECISION LEVEL: MED. ±.06 (1.5%) BRACKET DIMENSIONS ARE IN MM	REVISION: VI
9/18/2025	
DESCRIPTION: FLUSH MOUNT AXLE ASSEMBLY	
PART NUMBER: MT-MO-AX-FL-XX-AS	

MOTION

- TR
- EX
- PL
- JH
- PA
- HG
- MO
- RG
- AC
- HW
- TK
- MH
- FT
- GL

12" Head Block Assembly

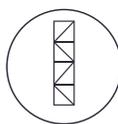


MT-MO-HB-12-18

Standard Material	5052 - H32 Aluminum
Standard Finish	03 - Tumbled & Deburred
Available Finish(es)	20-30 Powder Coated
Size	17.75" x 11.75" x 8.75" (450.85mm x 298.45mm x 222.25mm)
Weight	30.60lbs (13.88kg) w/ Hardware 22.40lbs (10.16kg) w/o Hardware
Bolt Hole Size	11/16" (17.46mm)
Load Capacity	2,200lbs (997.90Kg) LINE LOAD WITH SHEAVES IN THE OUTER MOST MOUNTING HOLES
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



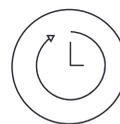
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PART NUMBER	DESCRIPTION	QTY.
MT-MO-HB-12-18_0A	HEAD BLOCK, 12"	1
MT-MO-HB-CW-0550	5-1/2" DIAMETER CHAIN WHEEL, ALUMINUM	2
MT-HW-PN-QR-RNG-ALS-ZIP-0444-0350-0050	QUICK GRIP CHAIN DE-RAIL PIN	2
MT-HW-BA-PLN-FLG-0100-0125-0075-0013-0150-OEB	Oil-Embedded Flanged Sleeve Bearing	4
MT-HW-NT-NYL-HEX-GR8-ZYP-138	1"-8 NYLOC HEX NUT GRADE 8 ZINC YELLOW	2
MT-HW-BT-HEX-HEX-GR8-ZYP-0450-138	1"-8 x 4 1/2" HEX BOLT GRADE 8 ZINC YELLOW	2
MT-HW-WA-SAE-GR8-ZYP-0011-0106-0200	1" SAE WASHER GRADE 8 ZINC YELLOW	4

	PRECISION LEVEL: MED-±0.6 (1.59) BRACKET DIMENSIONS ARE IN MM
	9/26/2025 REVISION: A
DESCRIPTION: 12" X 18" ALUMINUM HEAD BLOCK	
PART NUMBER: MT-MO-HB-12-18	

6" Head Block Assembly

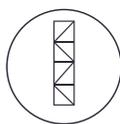


MT-MO-HB-06-12

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	9.75" x 12" x 2.79" (247.65mm x 304.80mm x 70.74mm)
Weight	19.10 lbs (8.66kg)
Bolt Hole Size	5/8 - 11" Threaded
Load Capacity	2,200lbs (997.90Kg) LINE LOAD WITH SHEAVES IN THE OUTER MOST MOUNTING HOLES
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



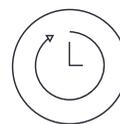
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PART NUMBER	DESCRIPTION	QTY.
MT-MO-HB-06-12_0A	HEAD BLOCK, 6"	1
MT-MO-HB-CW-0300	3" DIAMETER CHAIN WHEEL, ALUMINUM	2
MT-HW-PN-QR-RNG-ALS-ZIP-0444-0350-0050	QUICK GRIP CHAIN DE-RAIL PIN	2
MT-HW-BA-PLN-FLC-0063-0075-0013-0100-OEB	Oil-Embedded Flanged Sleeve Bearing	4
MT-HW-WA-SAE-GR8-ZYP-0008-0066-0131	5/8" SAE WASHER GRADE 8 ZINC YELLOW	4
MT-HW-BT-HEX-HEX-GR8-ZYP-0400-132	5/8"-11 x 4" HEX BOLT GRADE 8 ZINC YELLOW	2
MT-HW-NT-NYL-HEX-GR8-ZYP-132	5/8"-11 NYLOC HEX NUT GRADE 8 ZINC YELLOW	2

	PRECISION LEVEL: MED-±0.6 (1.59) BRACKET DIMENSIONS ARE IN MM
	9/26/2025
REVISION: A	
DESCRIPTION:	6" X 12" STEEL HEAD BLOCK
PART NUMBER:	MT-MO-HB-06-12

3" Head Block Assembly

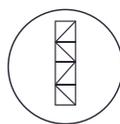


MT-MO-HB-03-14-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Powder Coated Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	11.60lbs (5.27kg) (Plates Only)
Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



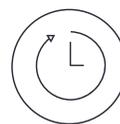
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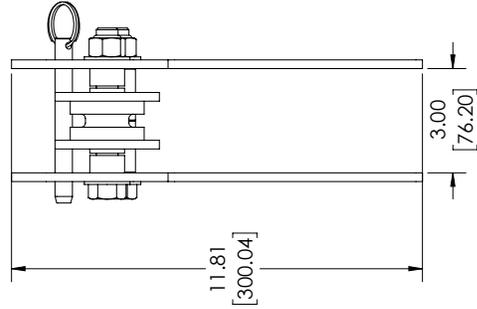
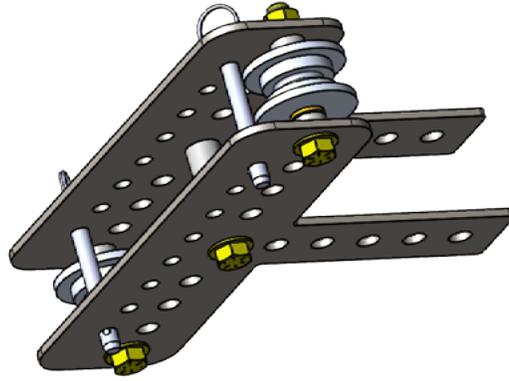
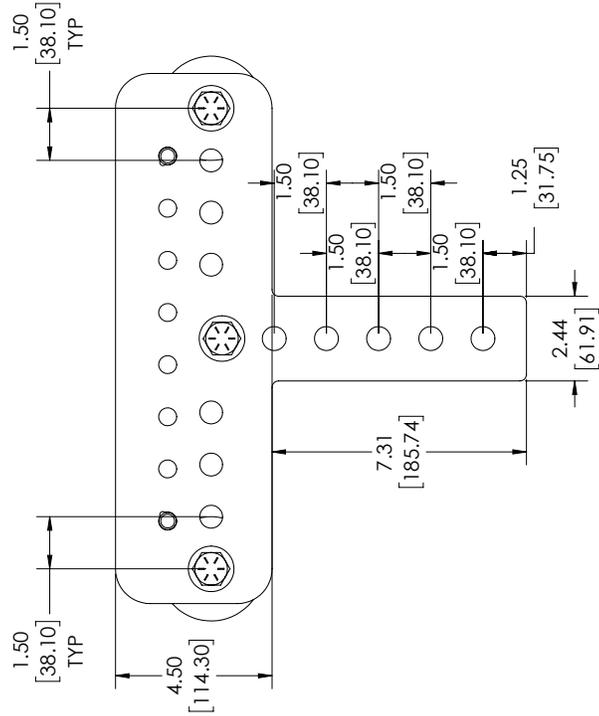
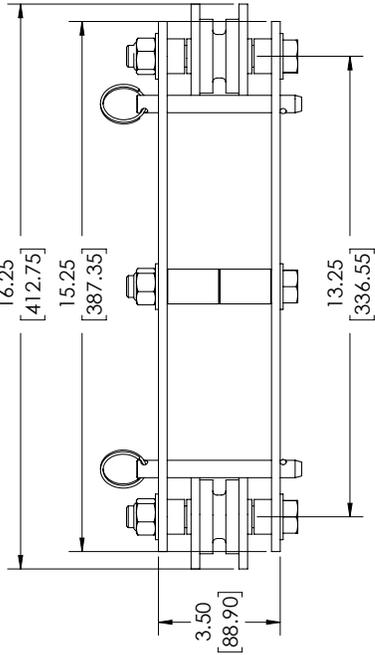


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PART NUMBER	DESCRIPTION	QTY.
5/8" SHAFT DIAMETER FLANGED SLEEVE BEARING	HEAD BLOCK SHEAVE BEARING	4
1/2" QUICK-RELEASE PIN	SHEAVE ROPE RETAINING PIN	2
5/8"-11 X 4-1/2" GRADE 8 HEX BOLT	SIDE PLATE ASSEMBLY HARDWARE	3
5/8" GRADE 8 SAE WASHER	SIDE PLATE ASSEMBLY HARDWARE	6
5/8"-11 GRADE 8 NYLOCK NUT	SIDE PLATE ASSEMBLY HARDWARE	3
MT-MO-HB-03-14-01	3" HEAD BLOCK SIDE PLATE	1
MT-MO-HB-CW-0300	HEAD BLOCK SHEAVE	1
SPACER (1-1/2" LONG)	SIDE PLATE SPACER	4
SPACER (1/2" LONG)	BUSHING SPACER	2



ModTruss[™] INC.

PRECISION LEVEL: MED ±.06 (1.5%)
BRACKET DIMENSIONS ARE IN MM

4/1/2025 REVISION: A

DESCRIPTION:
3" HEAD BLOCK

PART NUMBER:
MT-MO-HB-03-14

MOTION

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

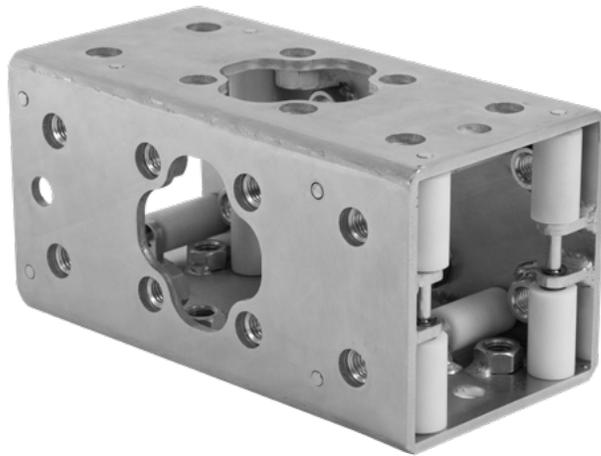
TK

MH

FT

GL

Sleeve Block for 3" x 3" Truss or Extrusion Series

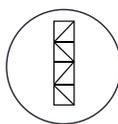


MT-MO-SL-06-06-12

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	6" x 6" x 12" (152.400mm x 152.40mm x 304.80mm) - Fits 3" x 3" TR & EX
Weight	20.05lbs (9.09kg)
Bolt Hole Size	5/8"-11 Steel Weld Nut (No thru holes)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tip	Sleeve Blocks come standard with UHMW wheels and are able to be upgraded to high capacity Cam Followers (with an additional cost).



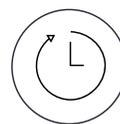
In Stock



Compatible



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-06-06-12_0A	SLEEVE BLOCK WELDMENT	1
MT-MO-SL-01-0031-WH	1" X 3/4" LONG, UHMW ROLLER, 5/16" I.D.	16
MT-MO-SL-06-06-12_0B	SLEEVE BLOCK AXLE ROD	8
MT-HW-RR-SDE-SPS-ZIP-0031-0025-0003	SIDE-MOUNT EXTERNAL RETAINING RINGS	16

ModTruss[™] INC

PRECISION LEVEL: MED-±0.6 (±0.59)
BRACKET DIMENSIONS ARE IN MM

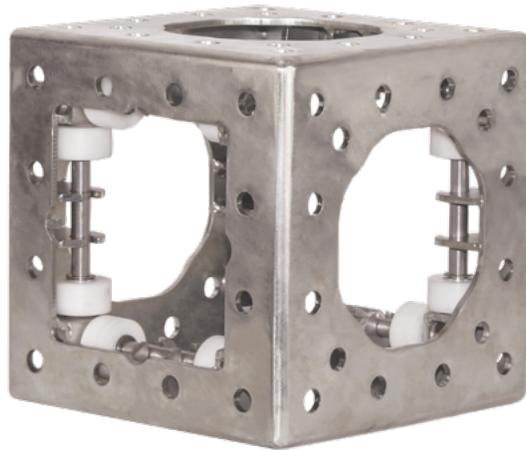
9/26/2025 REVISION: A

DESCRIPTION: **3" TRUSS SQUARE SLEEVE BLOCK**

PART NUMBER: **MT-MO-SL-06-06-12**

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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Sleeve Block for 6" x 6" Truss or Extrusion Series



MT-MO-SL-12-12-12

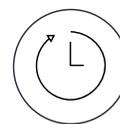
Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	12" x 12" x 12" (304.80mm x 304.80mm x 304.80mm) - Fits 6" x 6" TR & EX
Weight	59.10lbs (26.81kg)
Hole Size	5/8"-11 Steel Weld Nut (No thru holes)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tip	Sleeve Blocks come standard with UHMW wheels and are able to be upgraded to high capacity Cam Followers (with an additional cost).



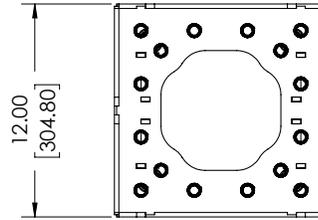
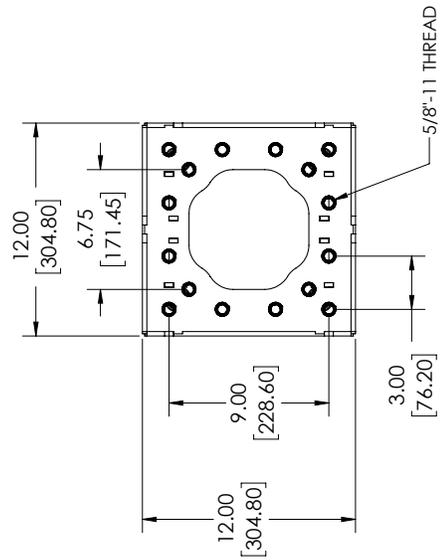
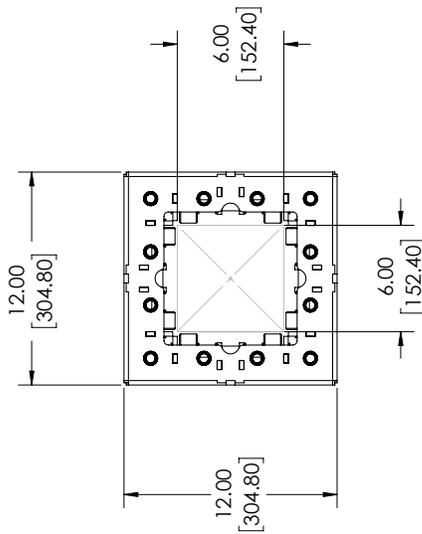
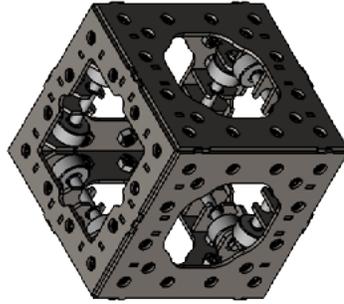
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Compatible


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PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-12-12-12_OA	SLEEVE BLOCK WELDMENT	1
MT-MO-SL-0100-0063-WH	SLEEVE BLOCK ROLLING WHEEL	16
MT-MO-SL-12-12-12_OB	SLEEVE BLOCK AXLE ROD	8
MT-HW-RR-SDE-SPS-ZIP-0063-0049-0004	SIDE-MOUNT EXTERNAL RETAINING RINGS	48



PRECISION LEVEL, MED. & LG. (L) SP
BRACKET (I) DIMENSIONS ARE IN (M)

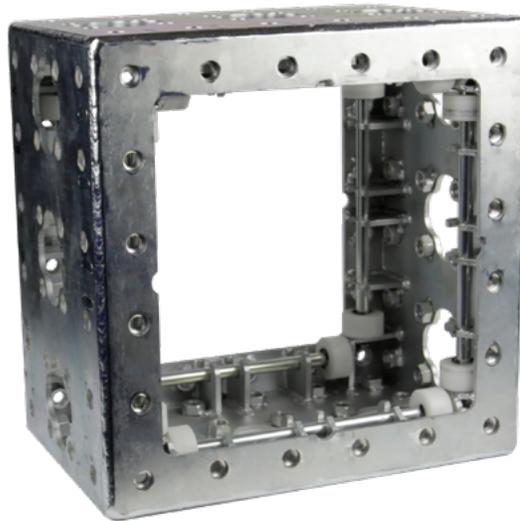
9/26/2025 REVISION: A

DESCRIPTION: **6" TRUSS SQUARE SLEEVE BLOCK**

PART NUMBER: **MT-MO-SL-12-12-12**

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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Sleeve Block for 12" x 12" Truss

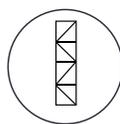


MT-MO-SL-18-18-12

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coat
Size	18" x 12" x 12" (457.20mm x 304.80mm x 304.80mm) - Fits 12" x 12" TR & EX
Weight	76.35lbs (34.63kg)
Hole Size	5/8"-11 Steel Weld Nut (No thru holes)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tip	Sleeve Blocks come standard with UHMW wheels and are able to be upgraded to high capacity Cam Followers (with an additional cost).



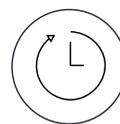
In Stock



Compatible



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Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-18-18-12_0A	SLEEVE BLOCK WELDMENT	1
MT-MO-SL-0100-0063-WH	SLEEVE BLOCK ROLLING WHEEL	16
MT-MO-SL-18-18-12_0B	SLEEVE BLOCK WHEEL AXLE	8
MT-HW-RR-SDE-SPS-ZIP-0063-0049-0004	SIDE-MOUNT EXTERNAL RETAINING RINGS	64

PRECISION LEVEL: MED-±.06 (-1.59)
BRACKET DIMENSIONS ARE IN MM

9/26/2025

REVISION: A

DESCRIPTION: **12" TRUSS SQUARE SLEEVE BLOCK**

PART NUMBER: **MT-MO-SL-18-18-12**

TR
EX
PL
JH
PA
HG
MO
RG
AC
HW
TK
MH
FT
GL

Sleeve Corner

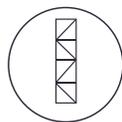


MT-MO-SL-15-15-12-C

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	15" x 15" x 12" (381.0mm x 381.0mm x 304.80mm)
Weight	45.79lbs (20.76kg)* *Not certified
Hole Size	15" x 15" x 12" (381.0mm x 381.0mm x 304.80mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tip	15" x 15" x 12" Corner Sleeve Block - Fits 12" x 12" Truss Metric version made to order



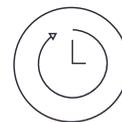
In Stock



Compatible



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Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-15-15-12-C_0A	SLEEVE BLOCK WELDMENT	1
MT-MO-SL-0100-0063-WH	SLEEVE BLOCK ROLLING WHEEL	8
MT-MO-SL-15-15-12-C_0B	SLEEVE BLOCK AXLE ROD	4
MT-HW-RR-SDE-SPS-ZIP-0063-0049-0004	SIDE-MOUNT EXTERNAL RETAINING RINGS	28

ModTruss^{INC}

PRECISION LEVEL: MED-±.06 (1.52)
BRACKET DIMENSIONS ARE IN MM

9/26/2025

REVISION: A

DESCRIPTION: **12" TRUSS CORNER SLEEVE BLOCK**

PART NUMBER: **MT-MO-SL-15-15-12-C**

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
----	----	----	----	----	----	-----------	----	----	----	----	----	----	----

MOTION

12" Slewing Ring Bearing Plate Assembly

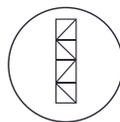


MT-MO-BA-SL-PI-12-1437-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	10 Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	Weight: 115.3lbs (52.3kg)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster



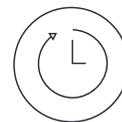
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PART NUMBER	DESCRIPTION	QTY.
MT-MO-BA-SL-PL-12-1437-0075	SLEWING RING MOUNTING PLATES	2
MT-MO-BA-SL-PI-36-1437-0150	SLEWING RING BEARING	1
5/8"-11 X 3" FLAT HEAD MACHINE SCREW	MOUNTING HARDWARE TO 12" MODTRUSS	8
1/2"-13 X 2.25" FLAT HEAD MACHINE SCREW	SLEWING RING TO MOUNTING PLATE HARDWARE	32

1/2"-13 X 2.25" FLAT HEAD

5/8"-11 X 3" FLAT HEAD

MT-MO-BA-SL-PL-12-1437-0075

MT-MO-BA-SL-PI-36-1437-0150

MT-MO-BA-SL-PL-12-1437-0075

MT-MO-BA-SL-PL-12-1437-0075

Technical drawing of the 12-inch mounting plate showing dimensions: $\phi 16.97$ [431.05], $\phi 7.15$ [181.70], 9.00 [228.60], and thickness $.75$ [19.05]. A note indicates a $\phi .69$ [17.46] countersunk truss mounting hole pattern.

MT-MO-BA-SL-PI-36-1437-0150

Technical drawing of the 36-inch bearing showing dimensions: $\phi 14.37$ [365.00], $\phi 8.27$ [210.00], and thickness 1.50 [38.00].

PRECISION LEVEL: MED-±.06 (1.29)
BRACKET DIMENSIONS ARE IN MM

3/27/2024 REVISION: A

DESCRIPTION: SLEWING RING BEARING PLATE ASSEMBLY

PART NUMBER: MT-MO-BA-SL-PI-12-1437-AS

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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6" Slewing Ring Bearing Plate Assembly

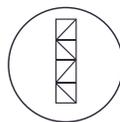


MT-MO-BA-SL-PI-06-0800-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	10 Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	21.70lbs (9.84kg)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster



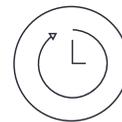
In Stock



Compatible



Serialized &
Traceable



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-BA-SL-PL-06-0800-0050	6" SLEWING RING MOUNTING PLATES	2
MT-MO-BA-SL-PI-24-0800-0100	6" SLEWING RING BEARING	1
5/8"-11 X 2.5" FLAT HEAD MACHINE SCREW	TRUSS MOUNTING HARDWARE	8
1/4"-20 X 1.125" SOCKET HEAD CAP SCREW	SLEWING RING TO MOUNTING PLATE	24
MT-MO-BA-SL-PL-0675-0800-0013	SPACER SHIM	1
MT-MO-BA-SL-PL-0519-0650-0013	SPACER SHIM	1

MT-MO-BA-SL-PL-06-0800-0050

∅ 8.49 [215.53]
∅ 2.56 [65.09]
∅ 1.29 [32.71]
COUNTERSUNK TRUSS MOUNTING PATTERN

MT-MO-BA-SL-PI-24-0800-0100

∅ 8.07 [204.98]
∅ 5.12 [130.05]

1.00 [25.40]

1.00 [25.40]

5/8"-11 X 2.5" FLAT HEAD MACHINE SCREW

MT-MO-BA-SL-PL-0519-0650-0013

1/4"-20 X 1.125" SOCKET HEAD CAP SCREW

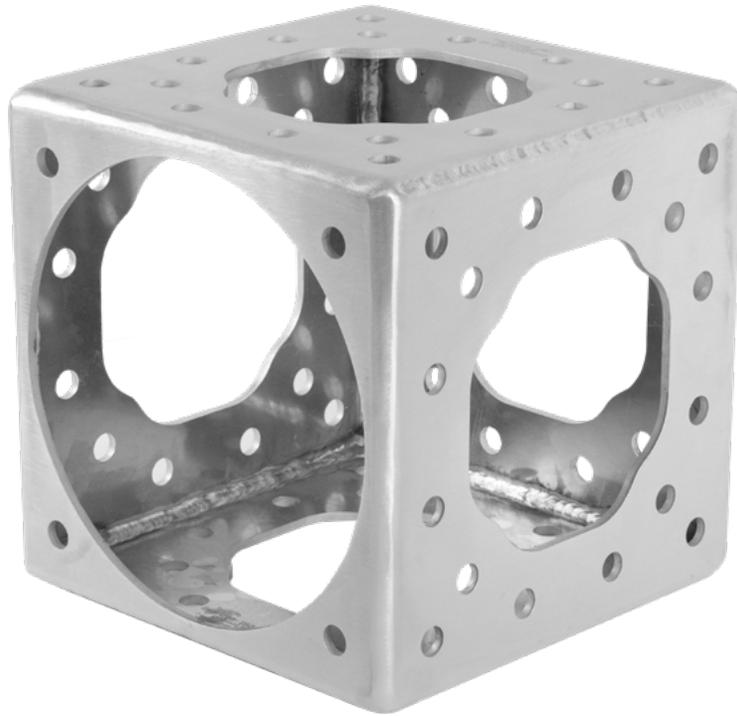
MT-MO-BA-SL-PI-24-0800-0100

MT-MO-BA-SL-PL-0675-0800-0013

MT-MO-BA-SL-PL-06-0800-0050

	PRECISION LEVEL: MED. ±.06 [1.52] BRACKET DIMENSIONS ARE IN MM
	9/5/2024 REVISION: A
DESCRIPTION: 6" SLEWING RING BEARING PLATE ASSEMBLY	
PART NUMBER: MT-MO-BA-SL-PI-06-0800-AS	

12" Internal Caster Mount Truss



MT-MO-CM-TR-12-12-012-AL

Standard Material	5052-H32 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Weight	12.75lbs (5.791kg)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



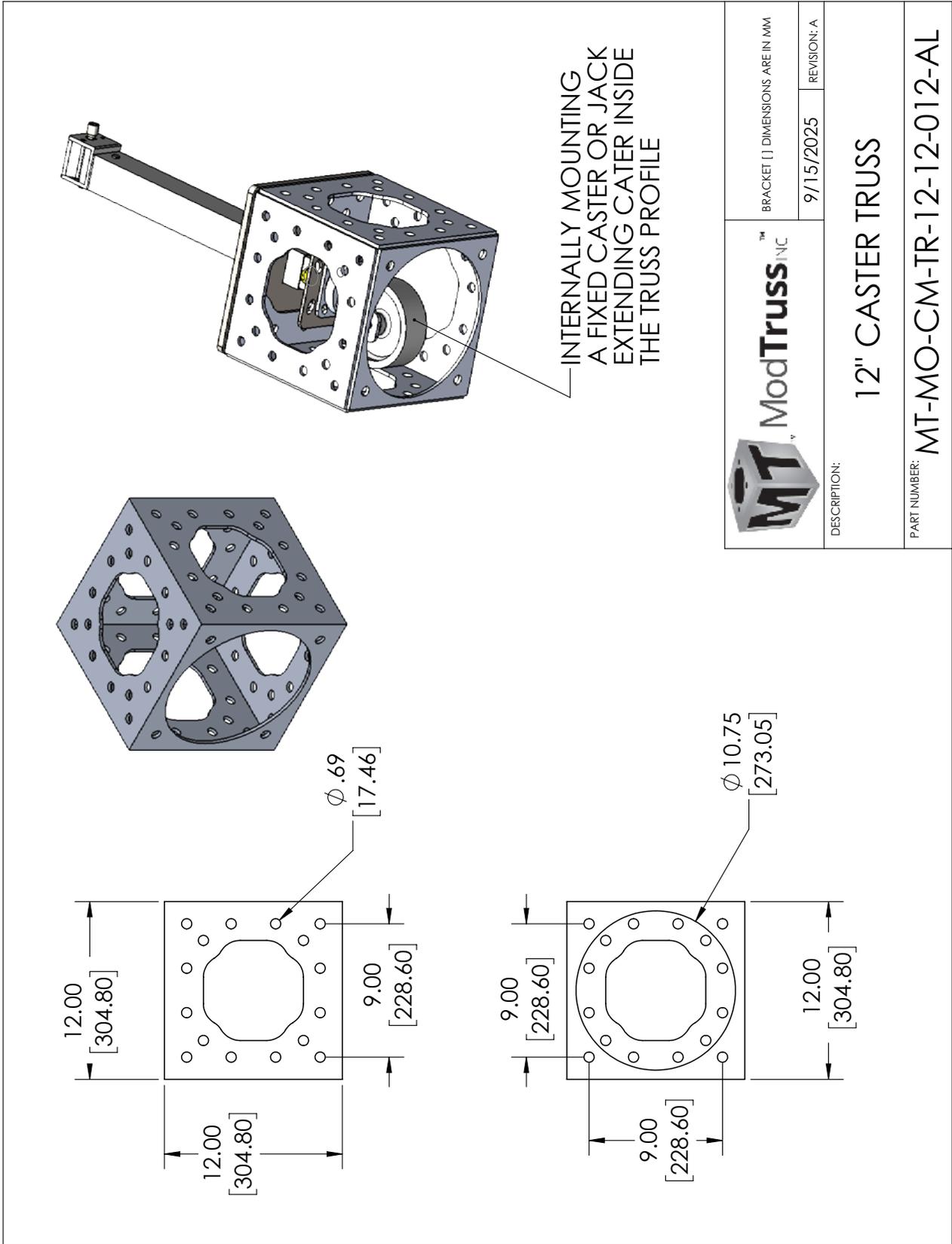
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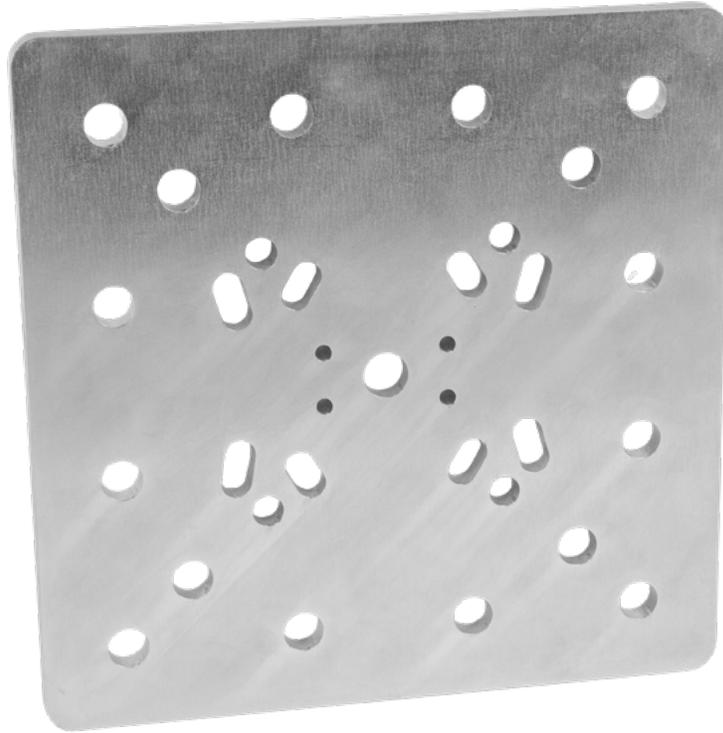
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Order



12" Caster Mount Plate



MT-MO-CM-PL-12-12-0038-ST

Standard Material	A36 Low Carbon Steel
Standard Finish	10 Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	18.35lbs (8.32kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



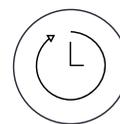
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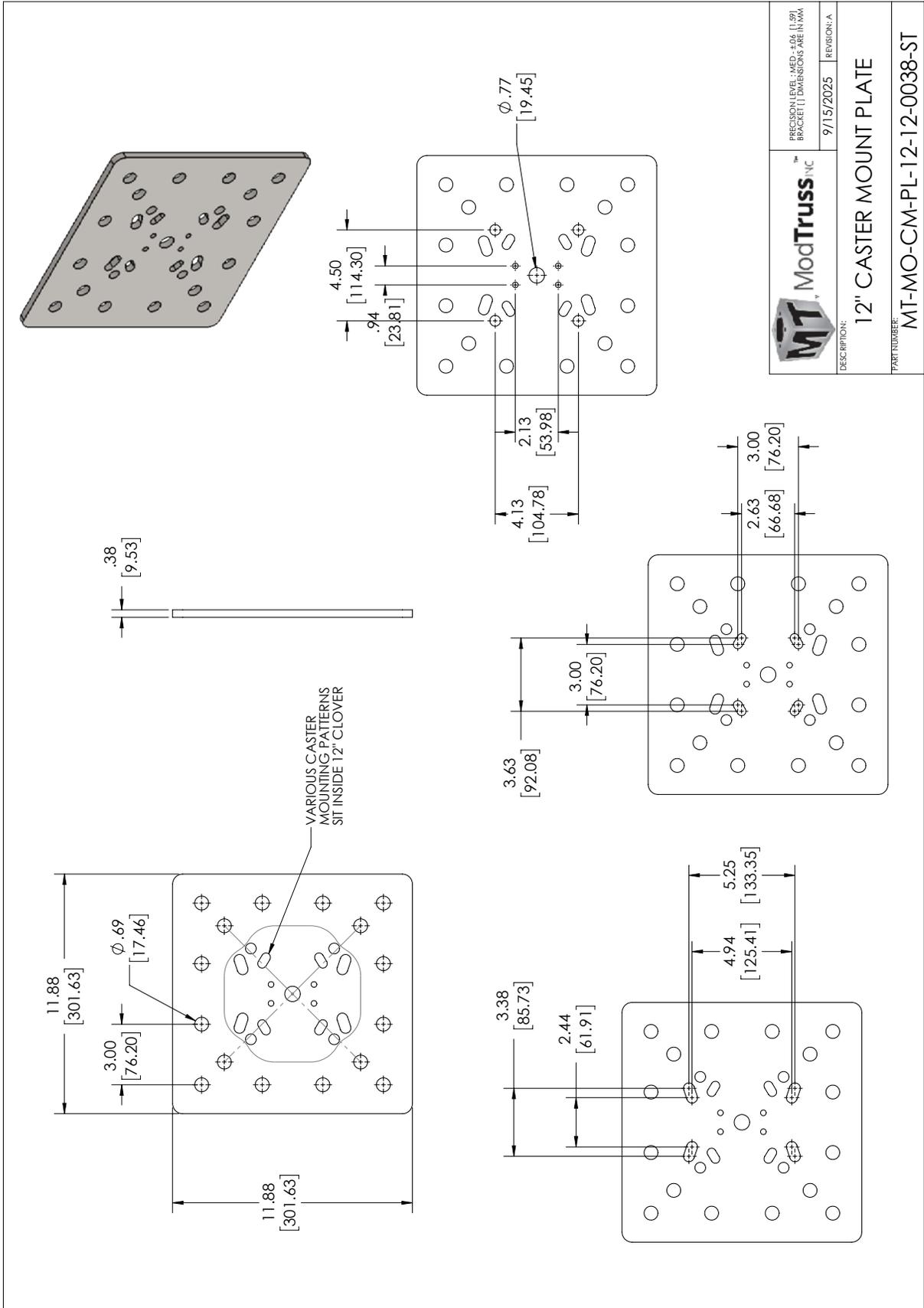
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AEROCASTER

Heavy Duty Caster with Internal Jack

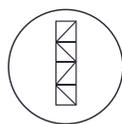


MT-MO-CM-HD-1200-1200-3000

Standard Material	A36 Low Carbon Steel
Standard Finish	28 - Gloss Yellow Powder Coated
Available Finish(es)	20-30 Powder Coated
Weight	351lbs (159.21kg)
Bolt Hole Size	11/16" (17.46mm)
Load Capacity	13,000lbs (5896.70Kg) LOAD CAPACITY AT THE CASTERS 10,000lbs (4535.92Kg) LOAD CAPACITY AT THE JACK
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



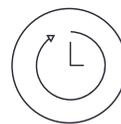
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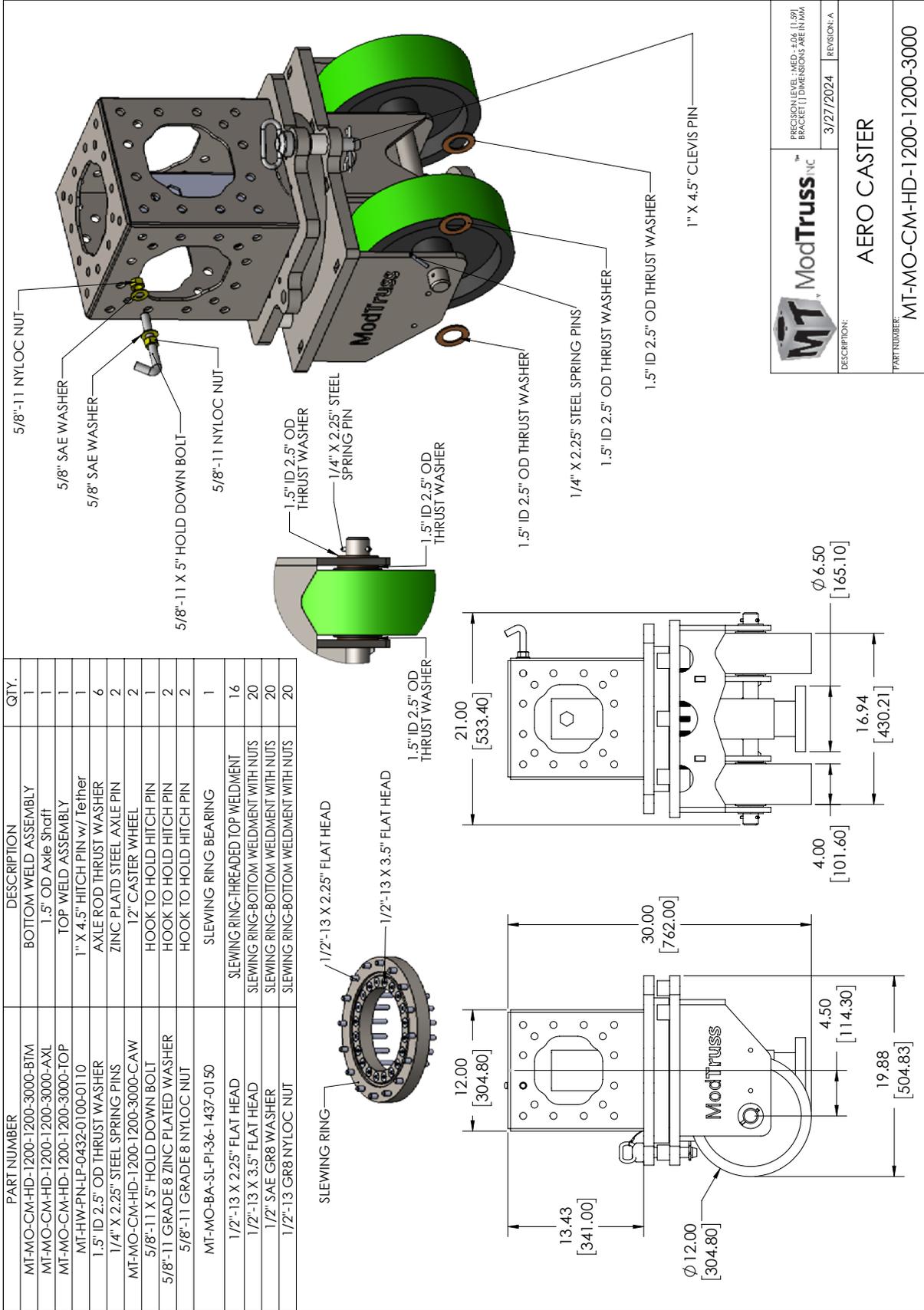
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Made To
Order



PRECISION LEVEL: MED-±0.6 (±0.09)
BRACKET DIMENSIONS ARE IN MM

3/27/2024 REVISION: A

DESCRIPTION: AERO CASTER

PART NUMBER: MT-MO-CM-HD-1200-1200-3000

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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MOTION

12" Flip Up/Down Caster Mount Assembly

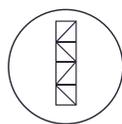


MT-MO-CM-1202-0800

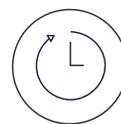
Standard Material	A36 Low Carbon Steel
Standard Finish	28- Gloss Yellow Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	18.30lbs (8.300kg)* *Weight for Caster plate - doesn't include caster
Bolt Hole Size	11/16" (17.46mm)
Load Capacity	2,500lbs (1133.98Kg) REACTIONAL LOAD AT THE CASTER
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

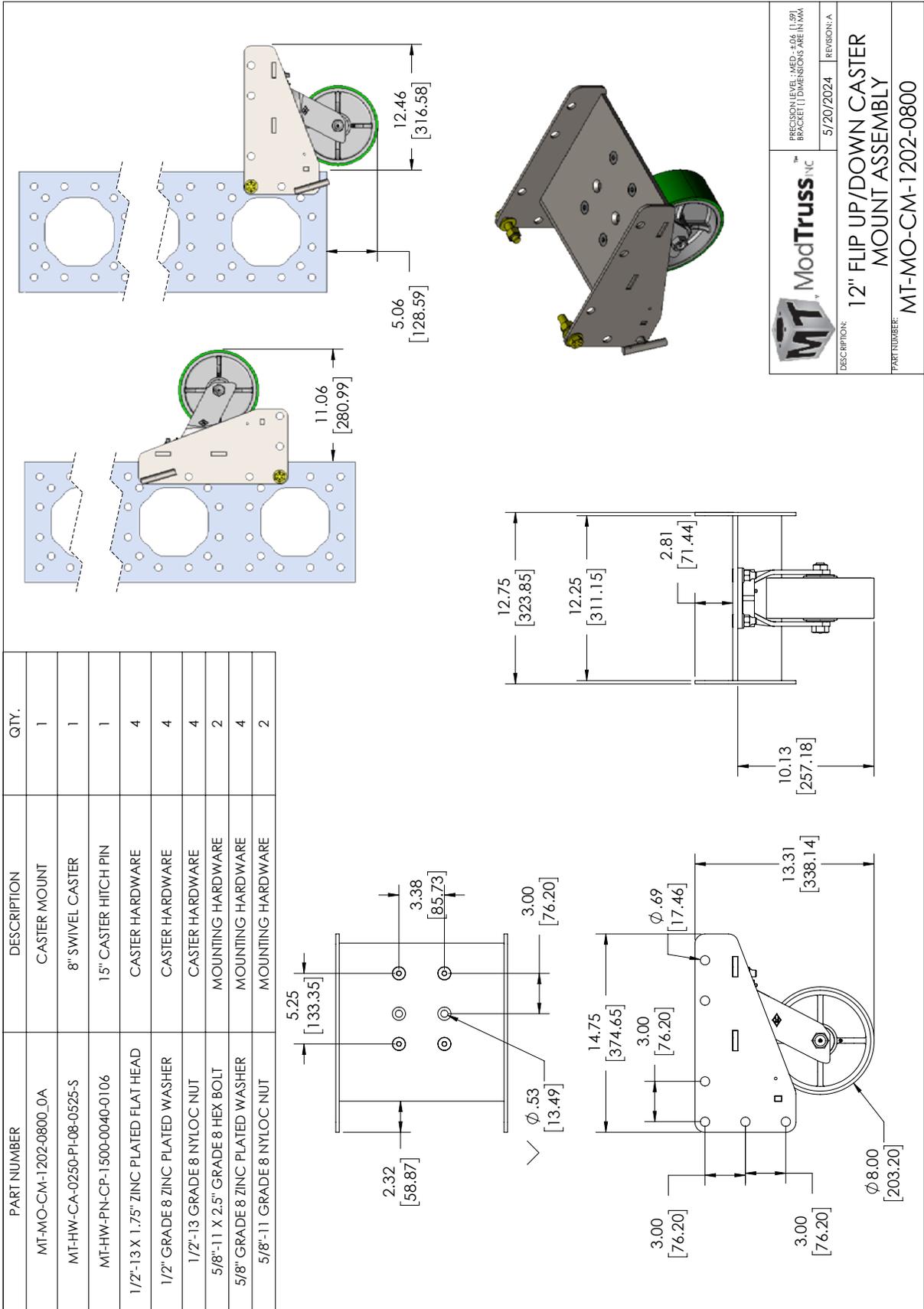


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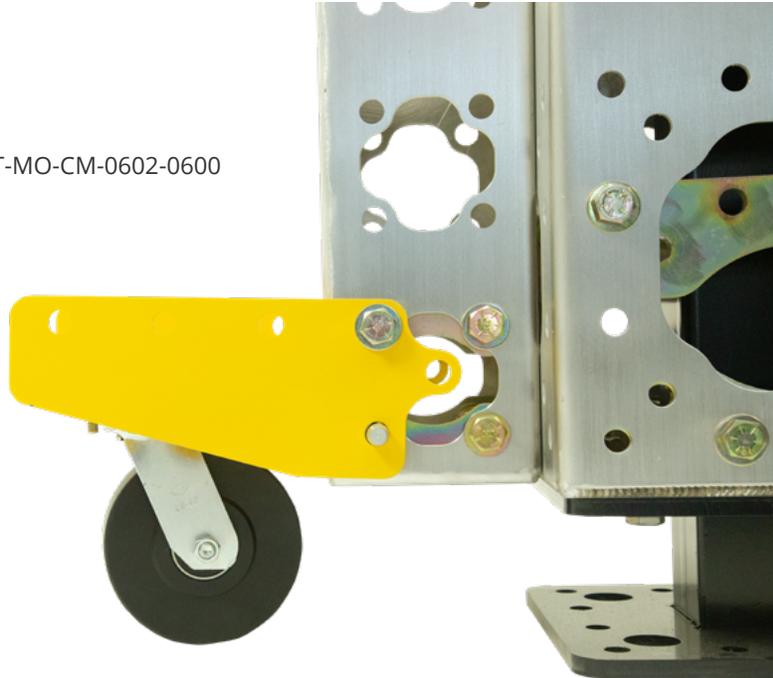


TR
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MOTION

6" Flip Up/Down Caster Mount Assembly

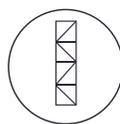
MT-MO-CM-0602-0600



Standard Material	A36 Low Carbon Steel
Standard Finish	28- Gloss Yellow Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	10.95lbs (4.973kg)
Bolt Hole Size	11/16" (17.46mm)
Load Capacity	2,000lbs (907.18Kg) REACTIONAL LOAD AT THE CASTER
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1



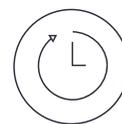
In Stock



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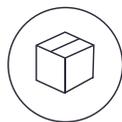
Made To
Order

30" Stroke Jack with Foot Pad

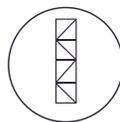
MT-MO-JA-04-05-5700-3000



Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	161.60lbs (73.305kg)
Load Capacity	10,000lbs (4535.92Kg) CAPACITY COMPRESSION
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



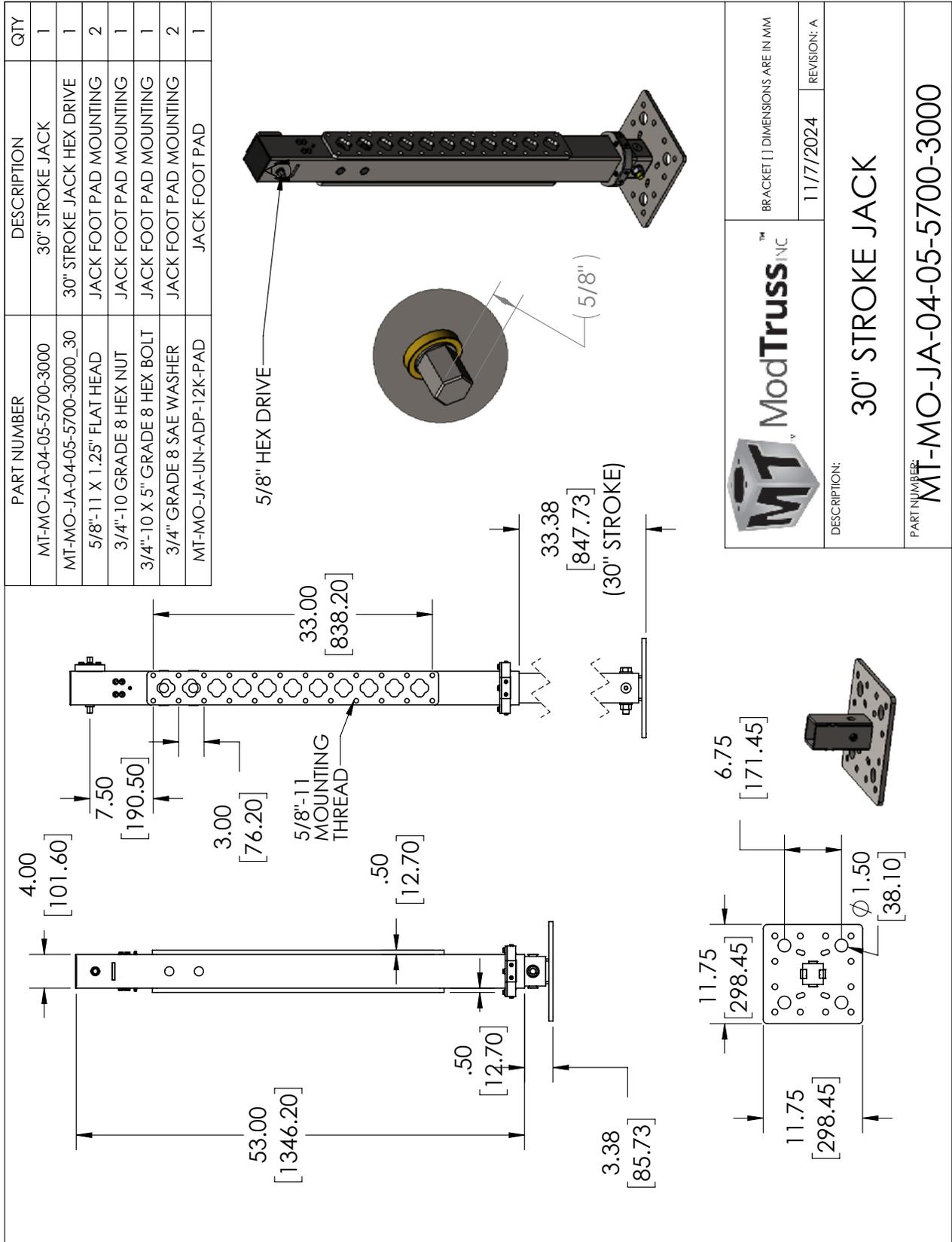
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Order



TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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12K Jack - 12" Plate Mount

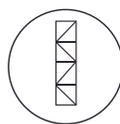


MT-MO-JA-1032-120-1128-0032-090

Standard Material	A36 Low Carbon Steel
Standard Finish	20 - Powder Coated Semi Gloss Black
Available Finish(es)	20-30 Powder Coated
Weight	58.70lbs (26.6kg)
Load Capacity	10,000lb (4535.92Kg) CAPACITY COMPRESSION
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



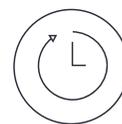
In Stock



Compatible



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Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-JA-1032-120-1128-0032-090	12K JACK PLATE MOUNT	1
MT-MO-JA-BD-0050-DR-0100-12K	12K JACK SQUARE DRIVE	1

ModTruss™
INC

PRECISION LEVEL: MED-±.06 (1.52)
BRACKET DIMENSIONS ARE IN MM

11/7/2024
REVISION: A

DESCRIPTION:
12K JACK PLATE MOUNT

PART NUMBER:
MT-MO-JA-1032-120-1128-0032-090

8K Jack with Foot Pad

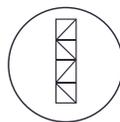


MT-MO-JA-0140-080-1128-0250-090

Standard Material	A36 Low Carbon Steel
Standard Finish	20- Powder Coated Semi Gloss Black
Available Finish(es)	20-30 Powder Coated
Weight	38.75lbs (17.55kg)
Load Capacity	7,000lbs (7175.14Kg) CAPACITY COMPRESSION
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



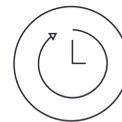
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Compatible

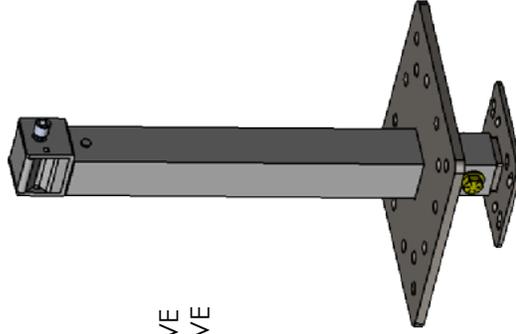
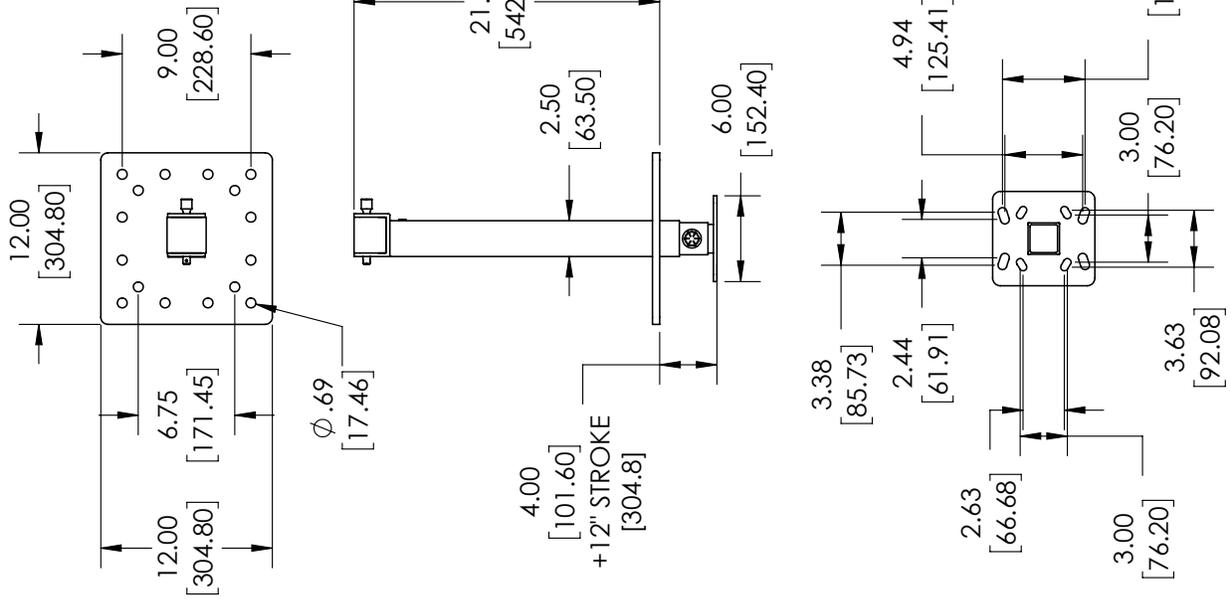


Serialized &
Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-JA-0140-080-1128-0250-090	8K JACK PLATE MOUNT	1
MT-MO-JA-BD-0038-DR-0050-8K	8K JACK SQUARE DRIVE	1
MT-MO-JA-UN-ADP-08K-PAD	8K JACK FOOT PAD	1
5/8"-11 X 4" GRADE 8 HEX BOLT	FOOT PAD MOUNTING HARDWARE	2
5/8" GRADE 8 SAE WASHER	FOOT PAD MOUNTING HARDWARE	1
5/8"-11 GRADE 8 HEX NUT	FOOT PAD MOUNTING HARDWARE	1



	BRACKET [] DIMENSIONS ARE IN MM	
	11/7/2024	REVISION: A
DESCRIPTION: 8K JACK PLATE MOUNT WITH FOOT PAD		
PART NUMBER: MT-MO-JA-0140-080-1128-0250-090		

Jack Mounting Plate

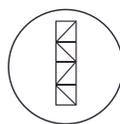


MT-MO-JA-UN-MPL-ALL

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	7.30lbs (3.31kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



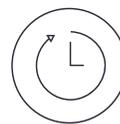
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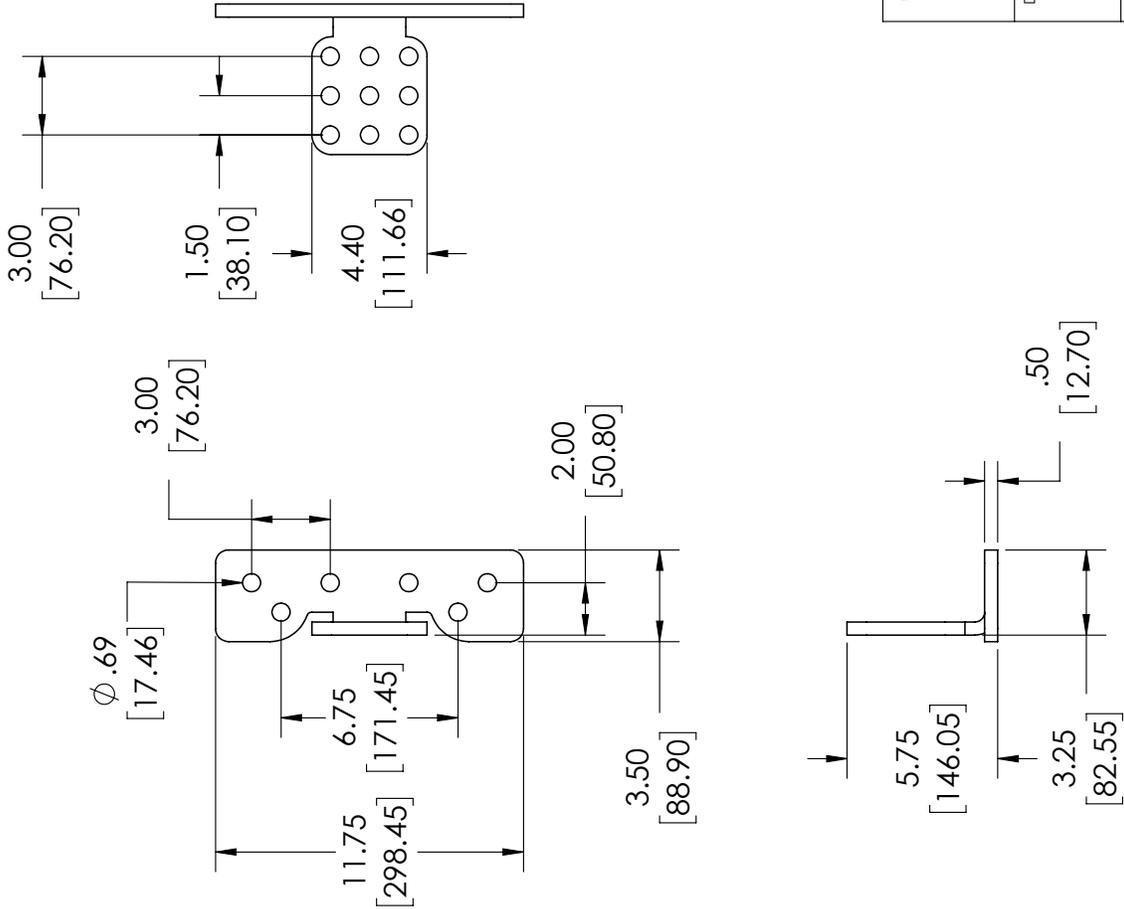
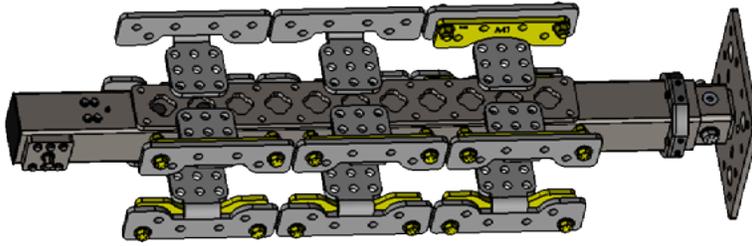
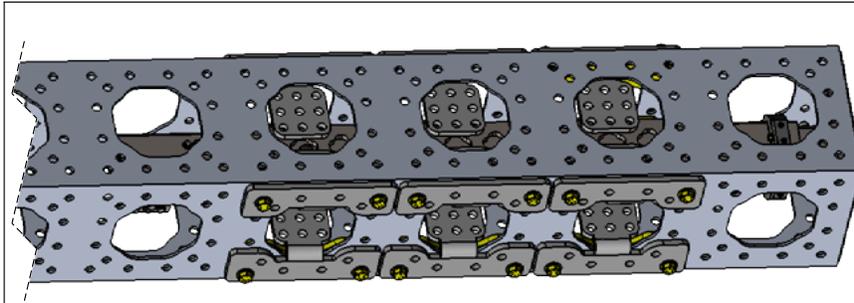
Compatible



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Made To
Order



BRACKET [] DIMENSIONS ARE IN MM

9/15/2025 REVISION: A

DESCRIPTION:

JACK MOUNTING PLATE

PART NUMBER:

MT-MO-JA-UN-MPL-ALL

12" Leveling Plate with Leveling Foot



MT-MO-JA-LV-12-12-0100-PL-AS



MT-MO-JA-LV-0600-03-320-FT

Standard Material	A572 GR50 Steel
Standard Finish	Plate: 10- Zinc Clear Foot: Zinc Yellow
Available Finish(es)	10-12 Zinc
Weight	Plate 35.20lbs (15.97kg) Foot 11.55lbs (5.24kg)
Bolt Hole Size	11/16" (17.46mm)
Capacity	35,000lb
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



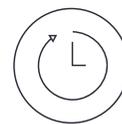
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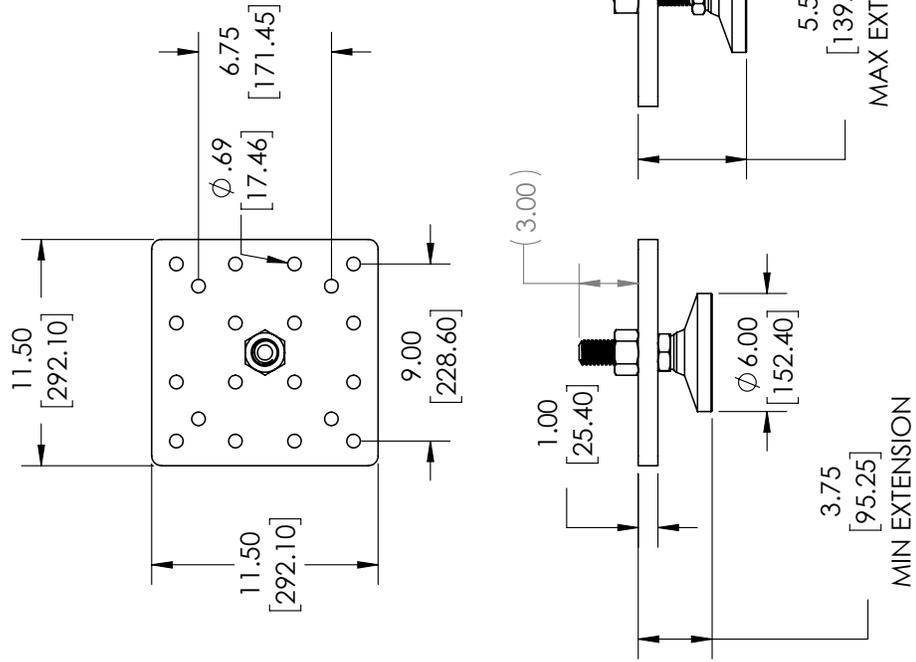
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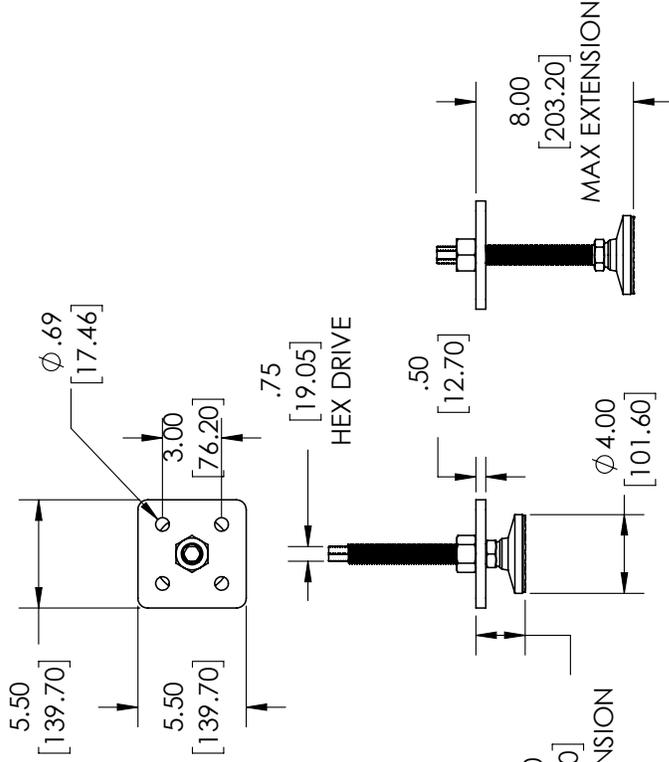
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Order

PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION	QTY
MT-MO-JA-LV-12-12-0100-PL	12x12 LEVELING FOOT PLATE 1.25"-5 THREAD	1	MT-MO-JA-LV-06-06-0050-PL	6x6 LEVELING FOOT PLATE 1"-8 THREAD	1
MT-MO-JA-LV-0600-03-320-FI	1.25"-5 ACME THREAD LEVELING FOOT	1	MT-MO-JA-LV-0400-06-138-FI	1"-8 LEVELING FOOT WITH 3/4" HEX DRIVE	1

MT-MO-JA-LV-12-12-0100-PL-AS



MT-MO-JA-LV-06-06-0050-PL-AS



ModTrussTM INC

BRACKET [] DIMENSIONS ARE IN MM

9/15/2025

REVISION: A

DESCRIPTION:
LEVELING JACKS

PART NUMBER:
MT-MO-JA-LV-XX-XX-XXXX-PL-AS

GL	FT	MH	TK	HW	AC	RG	MO	HG	PA	JH	PL	EX	TR	MOTION
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6" Leveling Plate with Leveling Foot



MT-MO-JA-LV-0400-06-138-FT

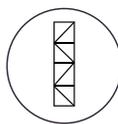


MT-MO-JA-LV-06-06-0050-PL-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	Plate: 10- Zinc Clear Foot: Zinc Yellow
Available Finish(es)	10-12 Zinc
Weight	Plate 4.15lbs (1.88kg) Foot 4.35lbs (1.97kg)
Bolt Hole Size	11/16" (17.46mm)
Capacity	5,000lb
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



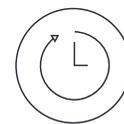
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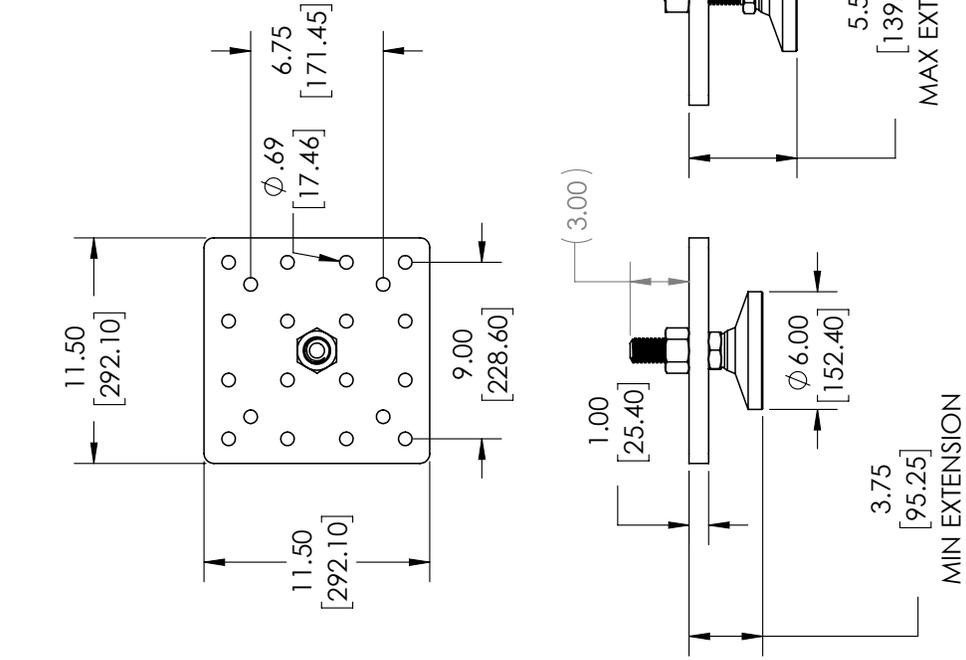
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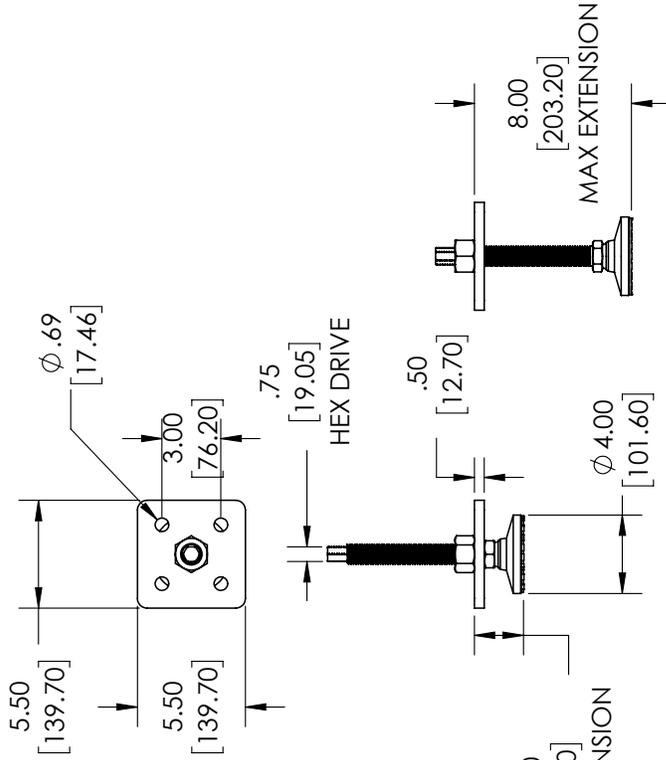
Made To
Order

PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION	QTY
MT-MO-JA-LV-12-12-0100-PL	12x12 LEVELING FOOT PLATE 1.25"-5 THREAD	1	MT-MO-JA-LV-06-06-0050-PL	6x6 LEVELING FOOT PLATE 1"-8 THREAD	1
MT-MO-JA-LV-0600-03-320-FT	1.25"-5 ACME THREAD LEVELING FOOT	1	MT-MO-JA-LV-0400-06-138-FT	1"-8 LEVELING FOOT WITH 3/4" HEX DRIVE	1

MT-MO-JA-LV-12-12-0100-PL-AS



MT-MO-JA-LV-06-06-0050-PL-AS



BRACKET () DIMENSIONS ARE IN MM

9/15/2025 REVISION: A

LEVELING JACKS

PART NUMBER: **MT-MO-JA-LV-XX-XX-XXXX-PL-AS**

GL	FT	MH	TK	HW	AC	RG	MO	HG	PA	JH	PL	EX	TR
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MOTION

Extrusion Trolleys



MT-MO-TR-EX-03-03-16-360



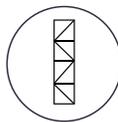
MT-MO-TR-EX-06-06-16-360

Standard Material	A36 low Carbon Steel
Standard Finish	21- Powder Coated Flat Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	1/2" Square
Recommended Hardware	1/2" Thread Carriage Bolt, 2.0" Long 1/2" SAE Zinc-Plated Washer 1 1/2"-13 Threads, Grade 8 Hex Nut (m14 x 2 Thread, 50mm Long, Class 10.9 Bolt M14, Class 10.9 Washer M14 x 2 Thread, Class 10.9 Nut).
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster
Pro Tips	Does not work on Powder Coated Extrusion

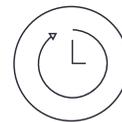
Part # Description	Size	Weight
MT-MO-TR-EX-03-03-15-360	3.0" x 3.75" x 16.13" (76.20mm x 95.25mm x 409.58mm)	10.10lbs (4.58kg)
MT-MO-TR-EX-06-06-15-360	11.50" x 11.50" x 72" (292.10mm x 291.10mm x 1828.80mm)	13.85lbs (6.287kg)



In Stock

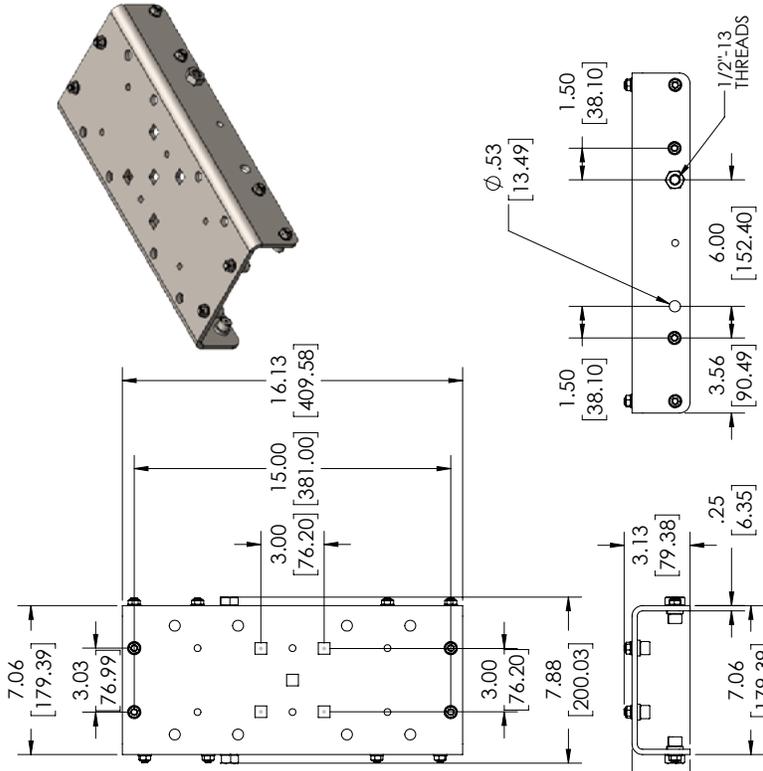


Compatible


 Serialized &
Traceable

 Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-TR-EX-06-06-16-360.0A	BRACKET WELDMENT	1
STUD MOUNT 5/8" STEEL TRACK ROLLER	TRACK ROLLER	12
5/16" ID X 1/8" ALUMINUM SPACER	ROLLER HARDWARE	12
5/16"-24 THIN NYLOCK NUT	ROLLER HARDWARE	12
5/16" UNDERSIZED WASHER	ROLLER HARDWARE	12

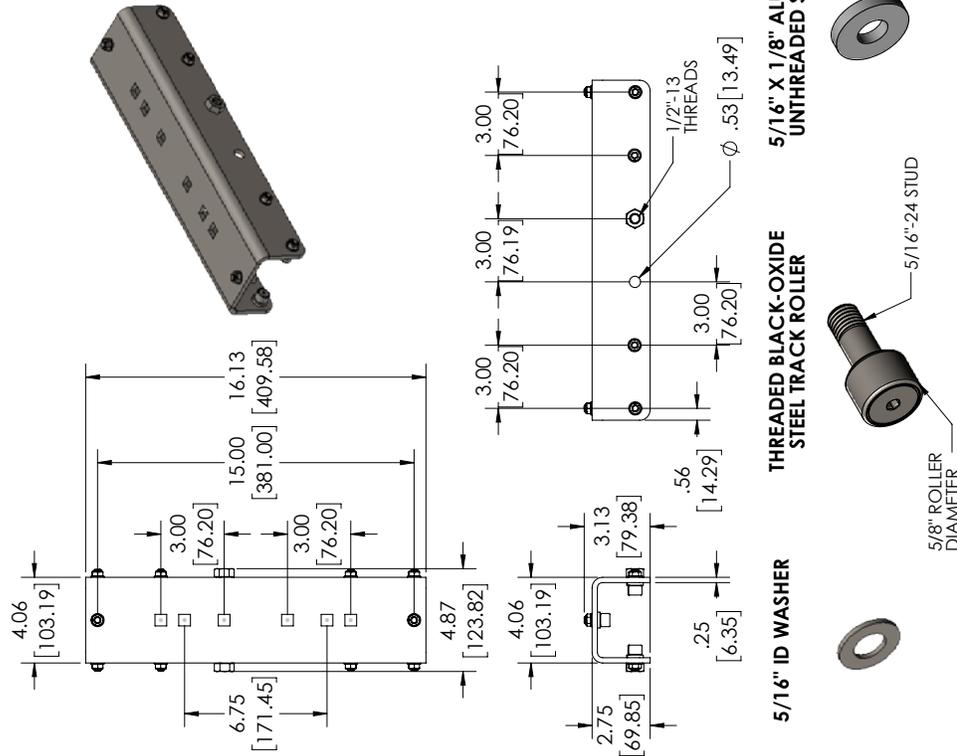
MT-MO-TR-EX-06-06-16-360



	PRECISION LEVEL: MED-±.06 (1.29) BRACKET (I) DIMENSIONS ARE IN MM
	REVISION: A 1/22/2025
DESCRIPTION: EXTRUSION TROLLEYS	
PART NUMBER: MT-MO-TR-EX-XX-XX-XX-360	

PART NUMBER	DESCRIPTION	QTY.
MT-MO-TR-EX-03-03-16-360.0A	BRACKET WELDMENT	1
STUD MOUNT 5/8" STEEL TRACK ROLLER	TRACK ROLLER	10
5/16" ID X 1/8" ALUMINUM SPACER	ROLLER HARDWARE	10
5/16"-24 THIN NYLOCK NUT	ROLLER HARDWARE	10
5/16" UNDERSIZED WASHER	ROLLER HARDWARE	10

MT-MO-TR-EX-03-03-16-360



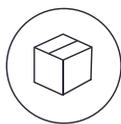
GL	FT	MH	TK	HW	AC	RG	MO	HG	PA	JH	PL	EX	TR	MOTION
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Telescopic Tubes

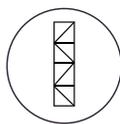
MT-MO-TT-12-12-XXX-ST



Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



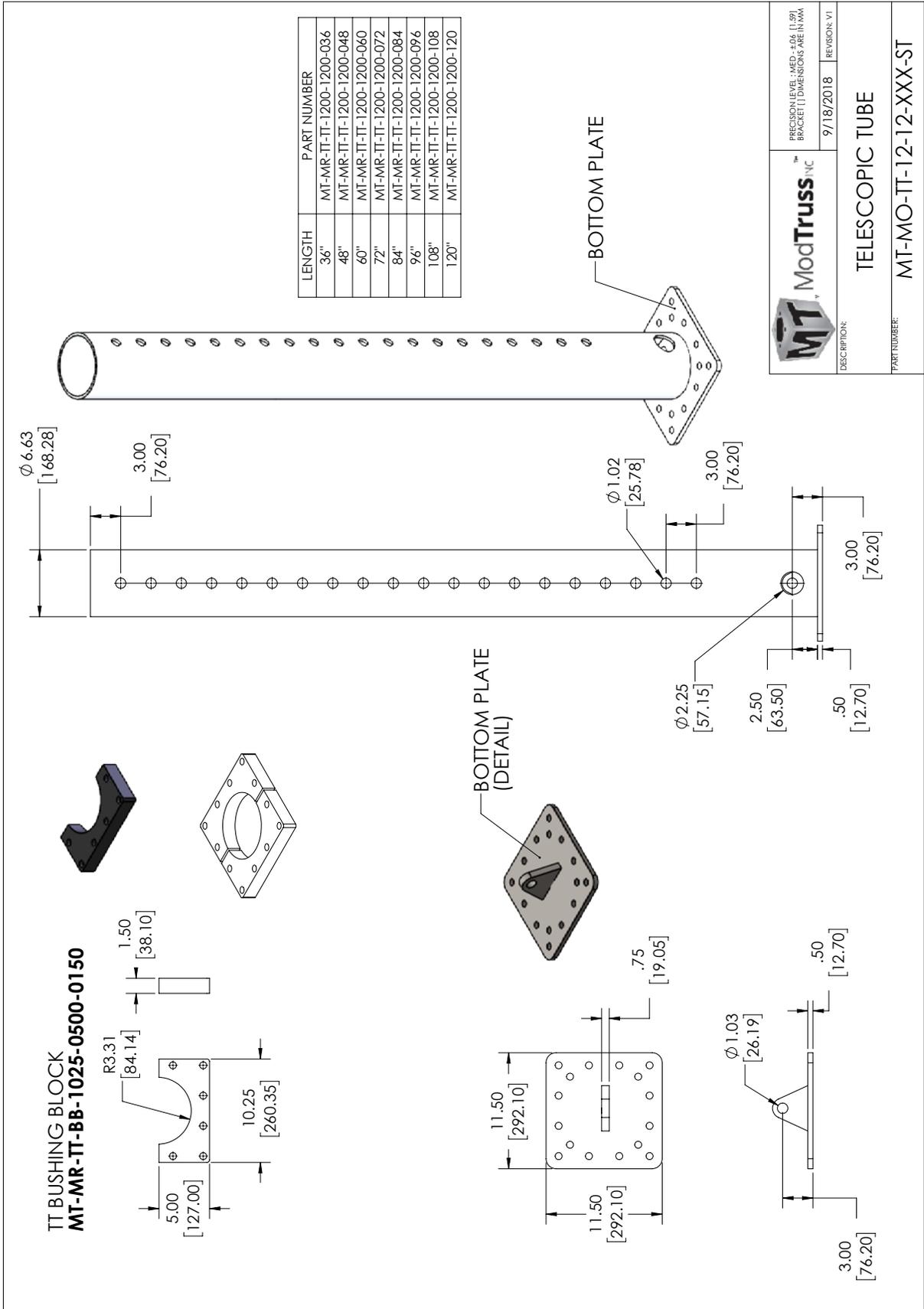
Compatible



Serialized & Traceable



Made To Order



PRECISION LEVEL: MED-±.06 (1.59)
BRACKET DIMENSIONS ARE IN MM

9/18/2018 REVISION: V1

DESCRIPTION: TELESCOPIC TUBE

PART NUMBER: MT-MO-TT-12-12-XXX-ST

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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MOTION

RIGGING



Prepare your structure for Lifting and Hanging

- Rigging Lifting Mounts
- LED Panel Rigging Accessories



Secure and Stabilize Your Structure

- Cable Brackets
- Gusset Bracing
- Beam Clamps



Towing Accessories

- Pintle Hooks
- Pintle Rings

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

3"x 6" Rigging Mounts



MT-RG-RM-03-06-LDP-C



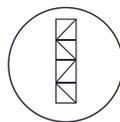
MT-RG-RM-03-06-TEE-H

Standard Material	A36 Low Carbon Steel
Standard Finish	20- Powder Coated Semi Gloss Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tools Tool Kit 1

Part # Description	Weight	Load Capacity
MT-RG-RM-03-06-LDP-C	1.40lbs (0.64Kg)	2,200lbs (997,90kg) CAPACITY STATIC TENSION LOAD
MT-RG-RM-03-06-TEE-H	2.00 lbs (0.91 Kg)	2,200lbs (997,90kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD



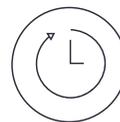
In Stock



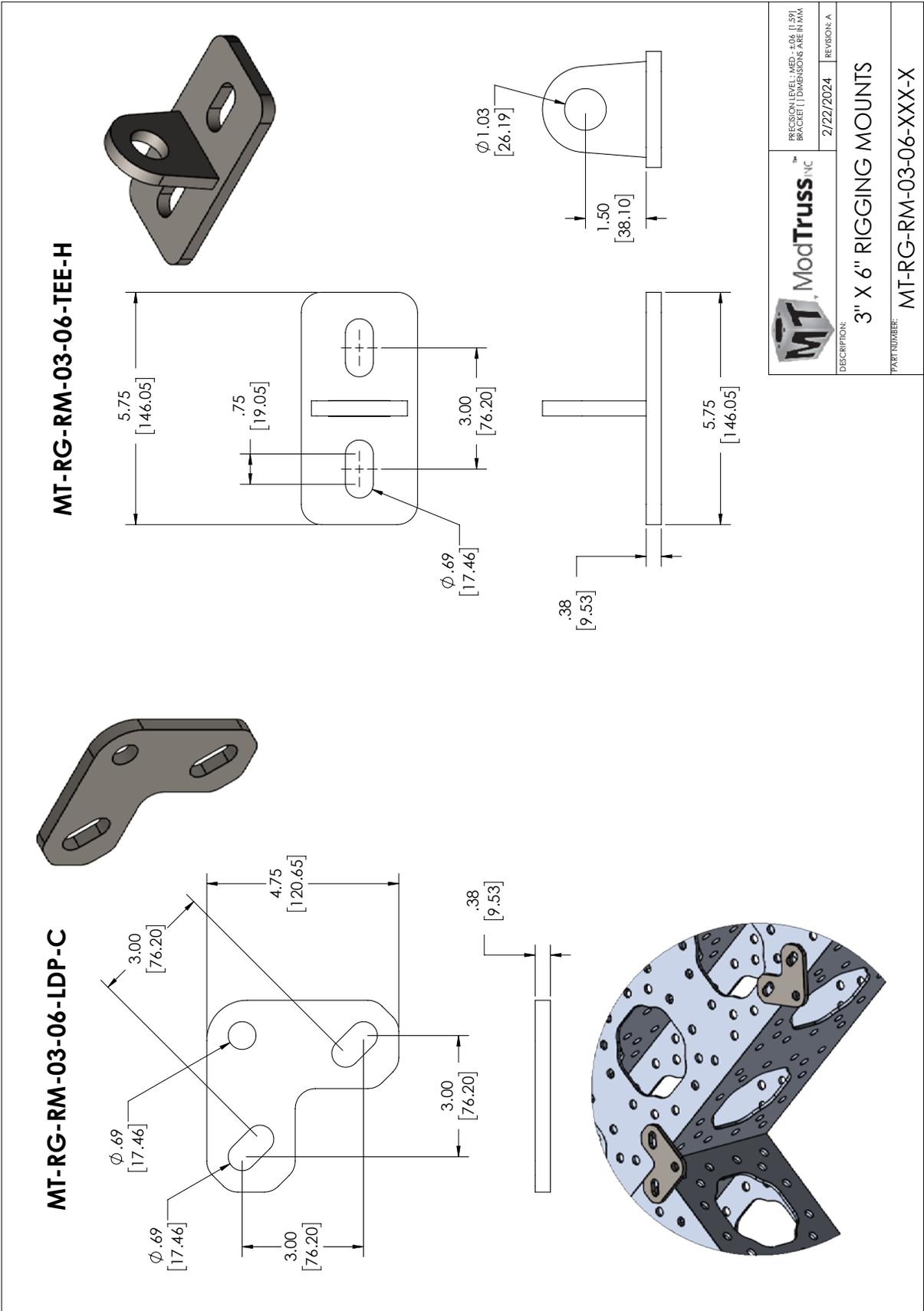
Compatible



Serialized &
Traceable



Made To
Order



Tee Rigging Mounts



MT-RG-RM-06-12-TEE-H



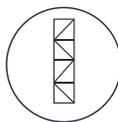
MT-RG-RM-06-06-TEE-H

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Hole Sizes	11/16" (17.46mm) 1.06" (25.40mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight	Load Capacity
MT-RG-RM-06-06-TEE-H 6" x 6" Tee Rigging Mount	5.75" x 5.75" x 3.50" (146.05mm x 146.05mm x 88.90mm)	5.90lbs (2.68kg)	5,000lbs (2,268kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD
MT-RG-RM-06-12-TEE-H 6" x 12" Tee Rigging Mount	11.75" x 5.75" x 3.50" (298.45mm x 146.05mm x 88.90mm)	12.05lbs (5.46kg)	5,000lbs (2,268kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD



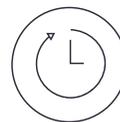
In Stock



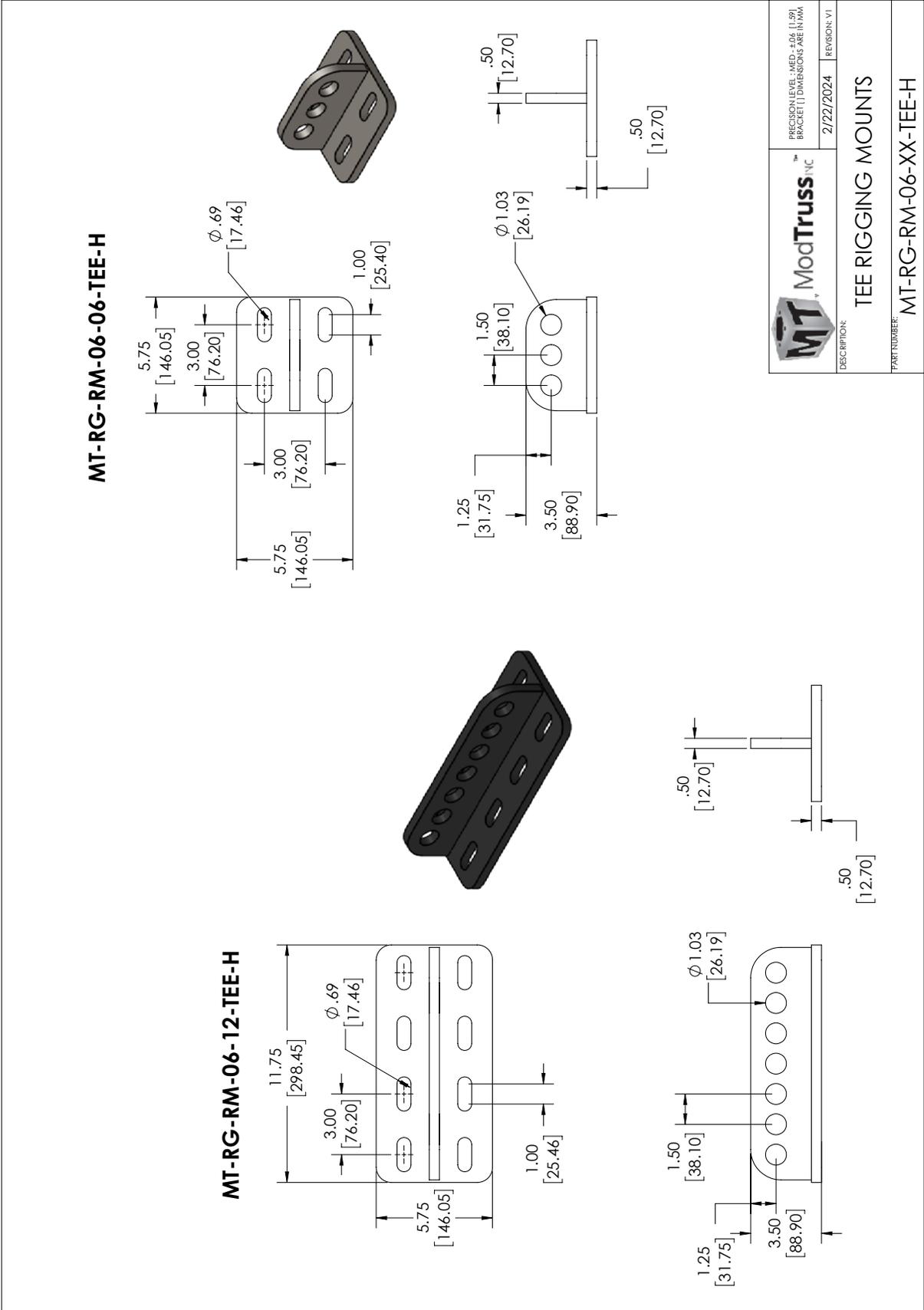
Compatible



Serialized &
Traceable



Made To
Order



TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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Vertical Rigging Mounts



MT-RG-RM-06-16-FLT-V

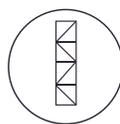
MT-RG-RM-06-10-FLT-V

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	16" x 6" x .50" (406.40mm x 152.40mm x 12.70mm)
Weight	10.8lbs (4.90kg)
Hole Size	11/16" (17.46mm) 1" (25.40mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

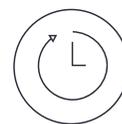
Part # Description	Load Capacity
MT-RG-RM-06-16-FLT-V	4,000lbs (1814.3kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD
MT-RG-RM-06-10-FLT-V	4,000lbs (1814.3kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD

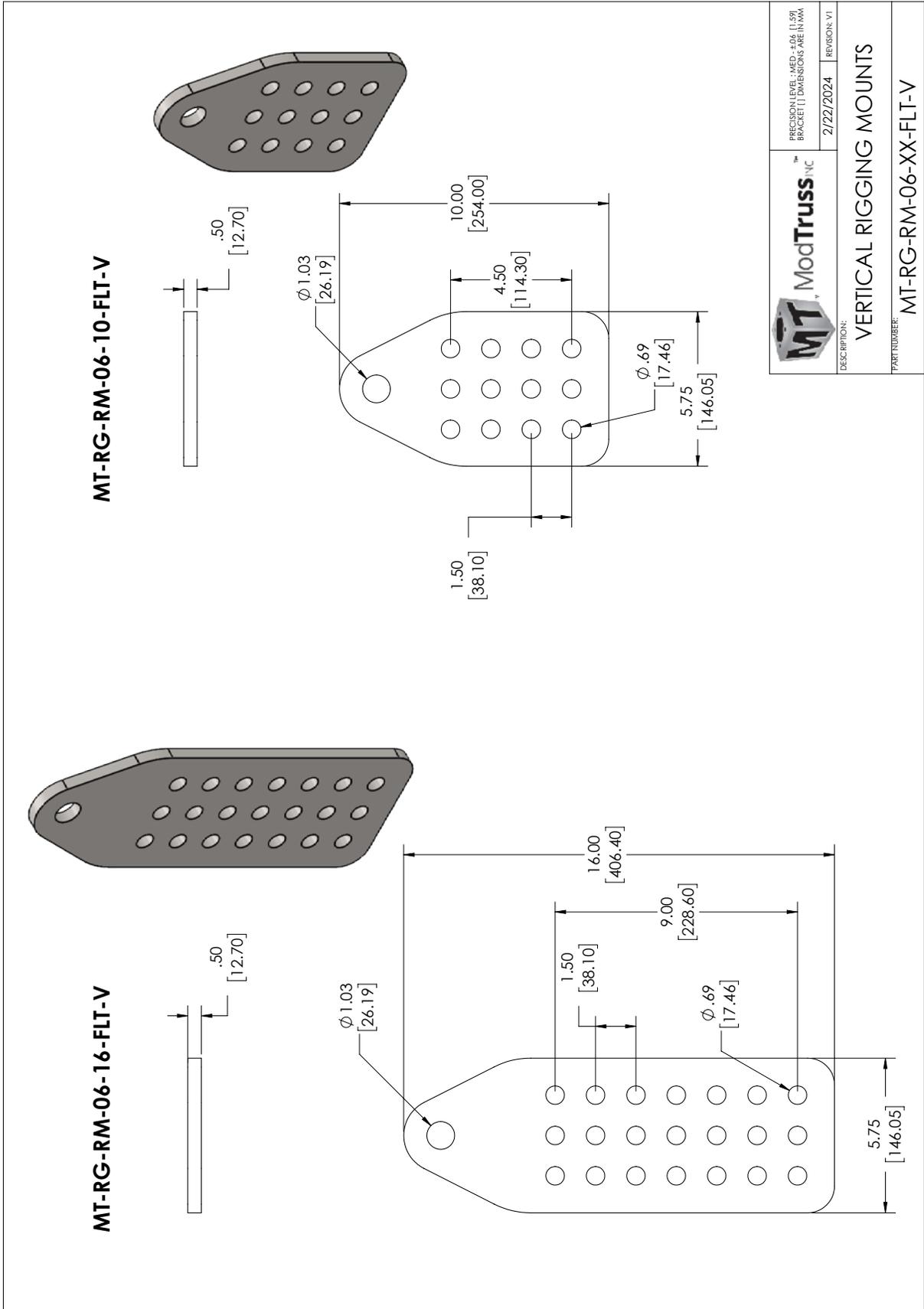


In Stock



Compatible


 Serialized &
Traceable

 Made To
Order



PRECISION LEVEL: MED-±.06 [-1.59]
BRACKET DIMENSIONS ARE IN MM

2/22/2024

REVISION: V1

DESCRIPTION:
VERTICAL RIGGING MOUNTS

PART NUMBER:
MT-RG-RM-06-XX-FLT-V

TR
EX
PL
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PA
HG
MO
RG
AC
HW
TK
MH
FT
GL

RIGGING

Gusset Brace Mount



MT-RG-RM-GB-12-12-UN-03



MT-RG-RM-GB-06-12-UN-03

Standard Material	A36 Low Carbon Steel
Standard Finish	20- Powder Coated Semi Gloss Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Weight
MT-RG-RM-GB-12-12-UN-03	24.25lbs (11.00kg)
MT-RG-RM-GB-06-12-UN-03	11.35lbs (5.15kg)



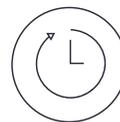
In Stock



Compatible



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Made To
Order

MT-RG-RM-GB-06-12-UN-03

5/8"-11 X 4.5" GRADE 8 HEX BOLT SET

MT-RG-RM-GB-12-12-UN-03

5/8"-11 X 4.5" GRADE 8 HEX BOLT SET

	PRECISION LEVEL: MED-±0.6 (±0.25) BRACKET DIMENSIONS ARE IN MM	2/22/2024 REVISION: A
DESCRIPTION: 3" GUSSET BRACE MOUNT		
PART NUMBER: MT-RG-RM-GB-XX-XX-UN-03		

TR
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HW
TK
MH
FT
GL

Universal Mount Assembly



MT-RG-UM-A-12-06-14-01-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Powder Coated Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	32.30lbs (14.65kg)
Hole Size	11/16" (17.46mm) 1.03" - Fits 1.0" Pin (26.162mm Fits 25.4mm Pin)
Load Capacity	3,000lbs (1360.77Kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD 3,000lbs (1360.77Kg) CAPACITY ECCENTRIC LOADING AT THE MOUNTING LOCATION
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



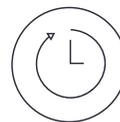
In Stock



Compatible



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-RG-UM-A-12-06-14-01	UNIVERSAL MOUNT ANGLE 12" X 6"	2
MT-RG-UM-B-07-01	UNIVERSAL MOUNT BISCUIT	2
	.188" X 1" ZINC PLATED COTTER PIN	2
	1" X 2.5" ZINC PLATED CLEVIS PIN	2

MT-RG-UM-A-12-06-14-01-AS

MT-RG-UM-B-07-01

MT-RG-UM-A-12-06-14-01

Slotted U Rigging Mount

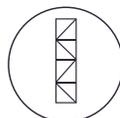


MT-RG-RM-02-06-UHO-H-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	21- Powder Coated Flat Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	2.60lbs (1.18kg)
Load Capacity	500lbs (226.79kg) CAPACITY DIRECT TENSION STATIC VERTICAL LOAD
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tips	For creating a curved video wall with straight beam segments.



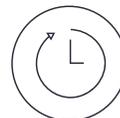
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Compatible

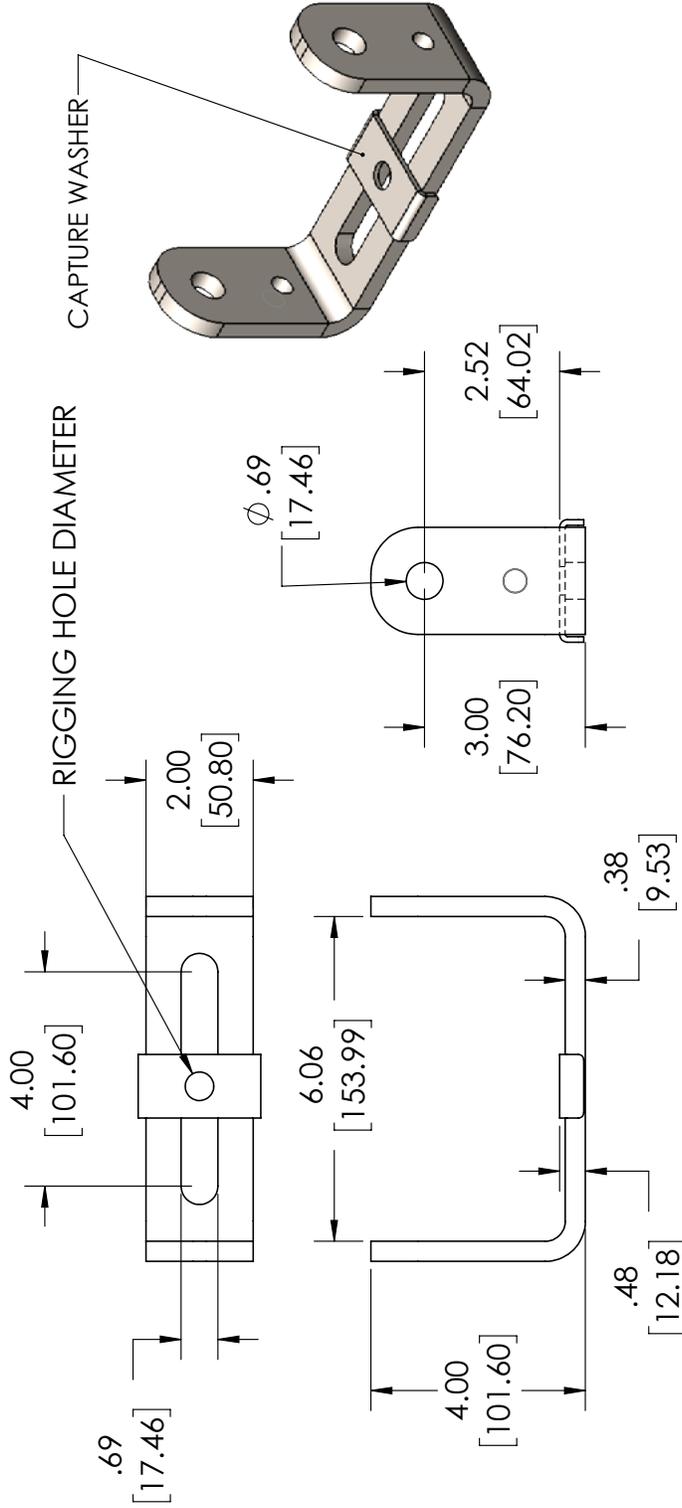


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Order

PART NUMBER	DESCRIPTION	QTY.
MT-RG-RM-02-06-UHO-XXXX-H_01	U SLOT MOUNT	1
MT-RG-RM-02-06-UHO-0038-H_02	CAPTURE WASHER 3/8" (.406" RIGGING HOLE DIAMETER)	1
MT-RG-RM-02-06-UHO-0050-H_02	CAPTURE WASHER 1/2" (.531" RIGGING HOLE DIAMETER)	1
MT-RG-RM-02-06-UHO-0063-H_02	CAPTURE WASHER 5/8" (.656" RIGGING HOLE DIAMETER)	1



BRACKET [] DIMENSIONS ARE IN MM

7/28/2025 REVISION: A

DESCRIPTION:
SLOTTED U RIGGING MOUNT

PART NUMBER:
MT-RG-RM-02-06-UHO-H-AS

HARDWARE SIZE	CAPTURE WASHER RIGGING HOLE DIAMETER
3/8" HARDWARE	0038 (.406" RIGGING HOLE DIAMETER)
7/16" HARDWARE	0050 (.531" RIGGING HOLE DIAMETER)
1/2" HARDWARE	0050 (.531" RIGGING HOLE DIAMETER)
5/8" HARDWARE	0063 (.656" RIGGING HOLE DIAMETER)
10mm HARDWARE	0038 (.406" RIGGING HOLE DIAMETER)
12mm HARDWARE	0050 (.531" RIGGING HOLE DIAMETER)
14mm HARDWARE	0050 (.531" RIGGING HOLE DIAMETER)
16mm HARDWARE	0063 (.656" RIGGING HOLE DIAMETER)

GL	FT	MH	TK	HW	AC	RG	MO	HG	PA	JH	PL	EX	TR
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Beam Clamp Assembly

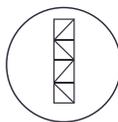


MT-RG-BC-06-09-0050-128-H

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	9.25lbs (4.20kg) per/assembly
Bolt Hole Size	11/16" (17.46mm)
Capacity	2,000lbs (907.18kgs) for a pair of 2
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1 Adjustable Wrench



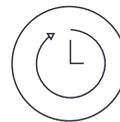
In Stock



Compatible

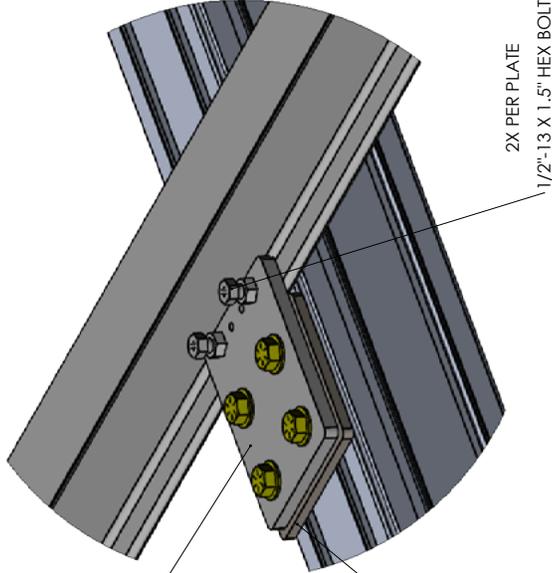


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Traceable



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Order

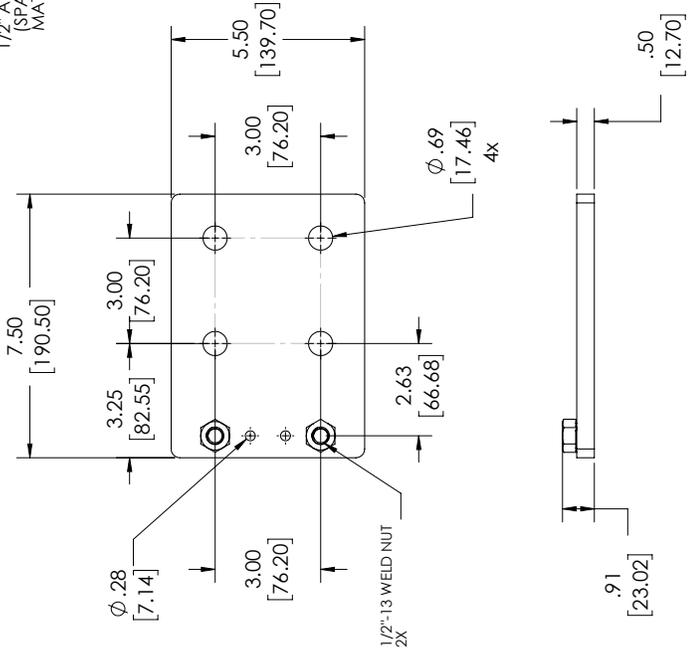
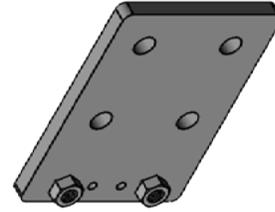
PART NUMBER	DESCRIPTION	QTY.
MT-PL-SP-06-06-0050-ST	SPACER PLATES	1
MT-PL-SP-06-06-0025-ST	SPACER PLATES	1
MT-RG-BC-06-09-0050-128-H_0A	BEAM CLAMP PLATE	1
1/2"-13 X 1.5" FULLY THREADED GRADE 8 HEX BOLT	CLAMP BOLTS	2



1X
MT-MR-RM-BC-06-09-0050-H

1/2" AND 1/4" SPACER PLATE INCLUDED
(SPACER PLATE THICKNESS SHOULD
MATCH BEAM FLANGE THICKNESS)

2X PER PLATE
1/2"-13 X 1.5" HEX BOLT



	PRECISION LEVEL: MED-±.06 [1.52] BRACKET DIMENSIONS ARE IN MM
	3/18/2024
DESCRIPTION:	REVISION: A
BEAM CLAMP	
PART NUMBER: MT-RG-BC-06-09-0050-128-H	

TR
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RIGGING

12" Pintle Hook Assembly



MT-RG-TH-PH-12-0450-0325-0200-0644

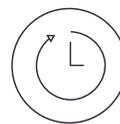
Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	11.50" x 11.50" (292.10mm x 292.10mm)
Weight	29.20lbs (13.24kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



Compatible


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Traceable

 Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-RG-TH-PH-0450-0325-0200-0644	PINTLE HOOK	1
MT-RG-TH-PH-PL-12-0338-0175-0050	12" PINTLE HOOK PLATE	1
MT-HW-BT-FLT-ALN-ALS-ZIP-0200-128	HOOK TO PLATE HARDWARE	4
MT-HW-WA-SAE-GR8-ZYP-0007-0053-0106	HOOK TO PLATE HARDWARE	4
MT-HW-NT-NYL-HEX-GR8-ZYP-128	HOOK TO PLATE HARDWARE	4

MT-RG-TH-PH-PL-12-0338-0175-0050

MT-RG-TH-PH-0450-0325-0200-0644

Dimensions (Inches / Millimeters):

- Top Plate: 11.50 [292.10] x 9.00 [228.60]
- Hook Body: 6.50 [165.10] x 4.00 [101.60]
- Hook Body Diameter: $\phi 2.00$ [50.80]
- Hook Body Length: 3.25 [82.55]
- Hook Body Width: 4.00 [101.60]
- Hook Body Hole Spacing: 3.38 [85.73]
- Hook Body Hole Diameter: 1.75 [44.45]
- Hook Body Hole Offset: 1.75 [44.45]
- Hook Body Hole Diameter: $\phi .69$ [17.46]



PRECISION LEVEL: MED ±.06 (1.52)
BRACKET DIMENSIONS ARE IN MM

9/15/2025 REVISION: A

DESCRIPTION: 12" PINTLE HOOK ASSEMBLY

PART NUMBER: MT-RG-TH-PH-12-0450-0325-0200-0644

TR
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RIGGING

6" Pintle Ring Assembly

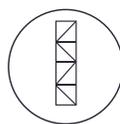


MT-RG-TH-PR-06-0663-0600-0250-0653

Standard Material	A36 Low Carbon Steel
Standard Finish	10 Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	6.62" x 6.0" (168.03mm x 152.40mm)
Weight	22.10lbs (10.02kg)
Recommended Hardware	5/8"-11 Thread Grade 8 Hex Nut 5/8" SAE Zinc-Plated Washer
Recommended Tools	Tool Kit 1



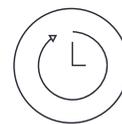
In Stock



Compatible



Serialized &
Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-RG-TH-PR-0663-0600-0250-0653	PINTLE RING	1
MT-RG-TH-PR-PL-06-0450-0450-0050	6" PINTLE RING PLATE	1
MT-HW-BT-FLT-ALN-ALS-ZIP-0250-132	RING TO PLATE HARDWARE	8
MT-HW-WA-SAE-GR8-ZYP-0008-0066-0131	RING TO PLATE HARDWARE	8
MT-HW-NF-NYL-HEX-GR8-ZYP-132	RING TO PLATE HARDWARE	8

MT-RG-TH-PR-0663-0600-0250-0653

MT-RG-TH-PR-PL-06-0450-0450-0050

Dimensions: 3.88 [98.43], 6.63 [168.28], 6.62 [168.03], 4.50 [114.30], 6.00 [152.40], 4.50 [114.30], 3.00 [76.20], 4.50 [114.30], 3.00 [76.20], 4.50 [114.30], 3.00 [76.20].

Callout: $\phi 2.50$ [63.50]

PRECISION LEVEL: MED ± 0.06 [1.52]
BRACKET DIMENSIONS ARE IN MM

9/15/2025 REVISION: A

DESCRIPTION: **6" PINTLE RING ASSEMBLY**

PART NUMBER: MT-RG-TH-PR-06-0663-0600-0250-0653

TR
EX
PL
JH
PA
HG
MO
RG
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ACCESS



Whether your structure is temporary, semi-permanent or permanent, ModTruss offers a variety code compliant stair, handrail, guardrail and decking options.



In addition, ModTruss features access products tailored specifically for the aerospace industry and the high-level challenges it presents.

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Stair Tread 48" Wide

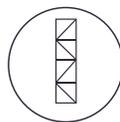


MT-AC-ST-TR-48-30

Standard Material	5052-H32 Aluminum Diamond Plate
Standard Finish	02 - No Finish
Size	5.79" x 48" x 11.81" (146.95mm x 1219.20mm x 299.87mm)
Weight	20.35lbs (9.23kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



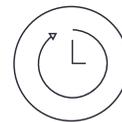
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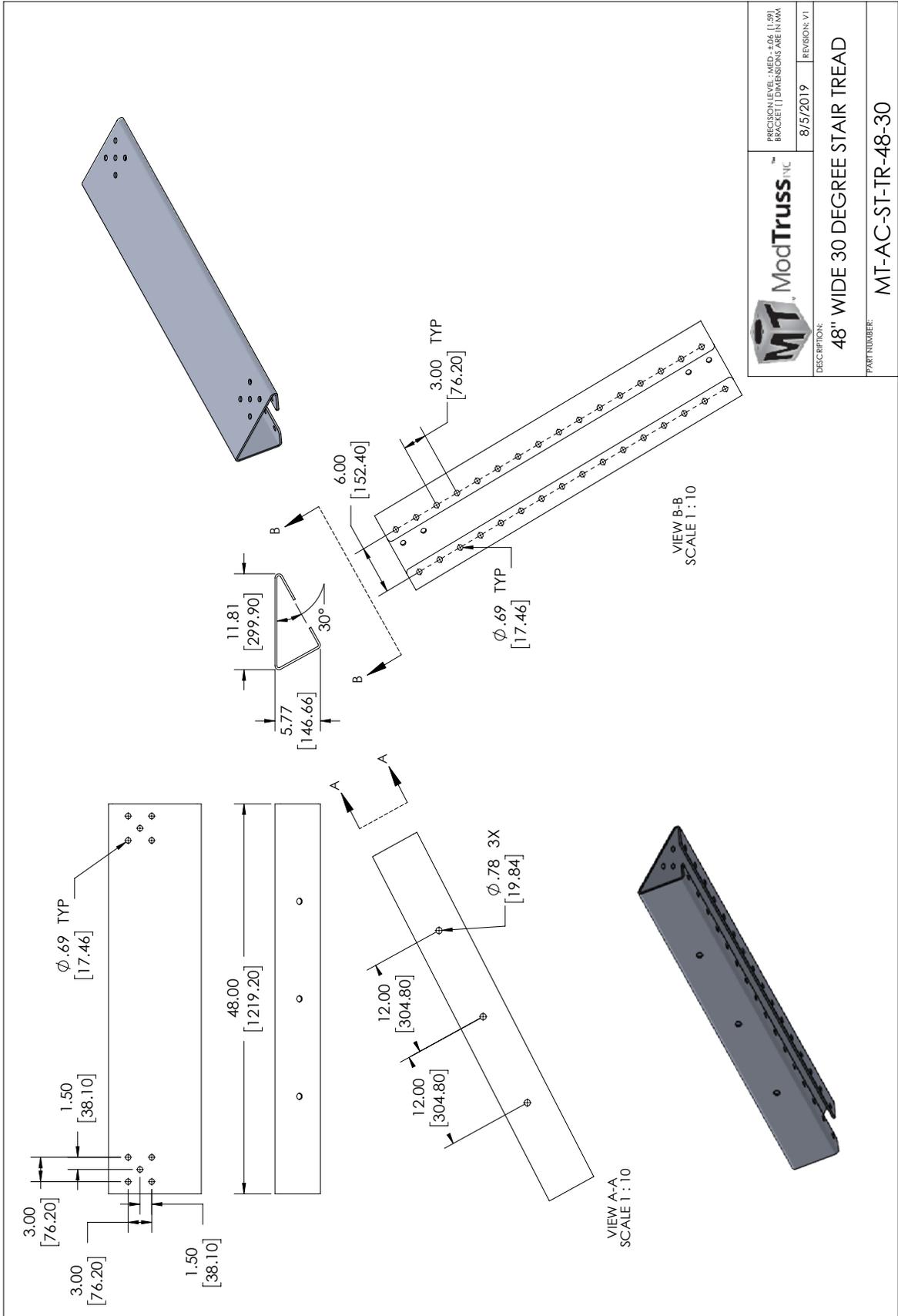
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30° Rise Stair Stringer

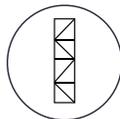


MT-AC-ST-ST-24-30

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Powder Coated Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	6" x 23.2" x 39.82" (152.40mm x 589.28mm x 1011.43mm)
Weight	32.05lbs (14.54kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



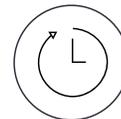
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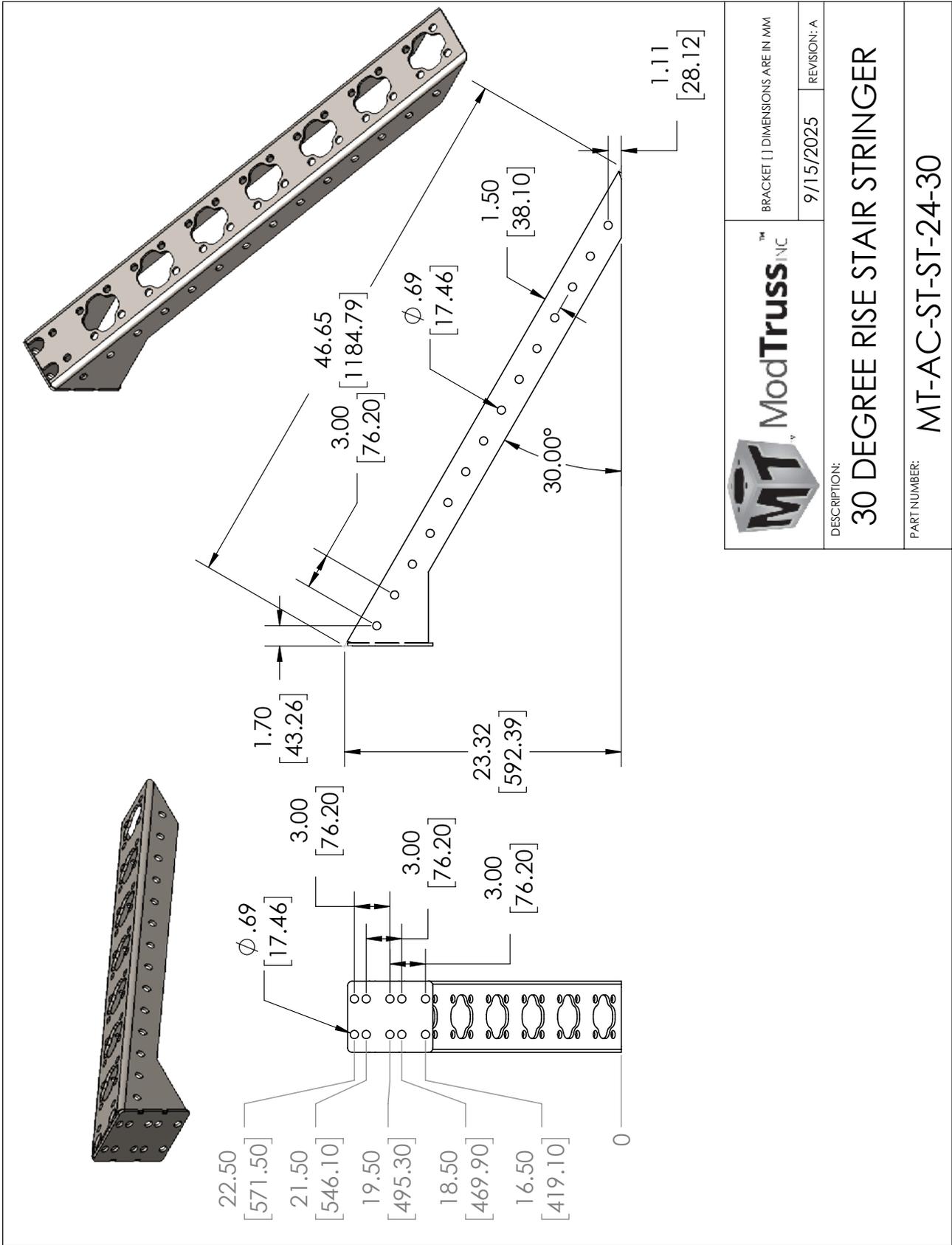
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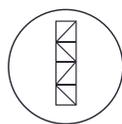
Stair Stringer Caster Mount



Standard Material	A36 Low Carbon Steel
Standard Finish	28- Powder Coated Gloss Yellow
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	8.15lbs (3.69kg) each with caster
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1 Adjustable wrench
Note	Caster Sold Separately



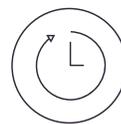
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Ship Stair Assembly

MT-AC-ST-SL-TR-50-70-3600



MT-AC-ST-SL-HR-50-70 (LH/RH)



MT-AC-ST-SL-PL-50-70

Standard Material	A36 Low Carbon Steel
Standard Finish	24 Gray Anti-Slip Powder Coat
Available Finish(es)	20-30 Powder Coat
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Weight
MT-AC-ST-SL-TR-50-70-3600 36" Wide Mid Treads	12.75lbs (5.78kg)
MT-AC-ST-SL-PL-50-70 Top Tread Mounting Assembly	4.40lbs (2kg)
MT-AC-ST-SL-HR-50-70 (LH/RH) Handrail Mount Assembly	3.65lbs (166kg)



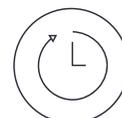
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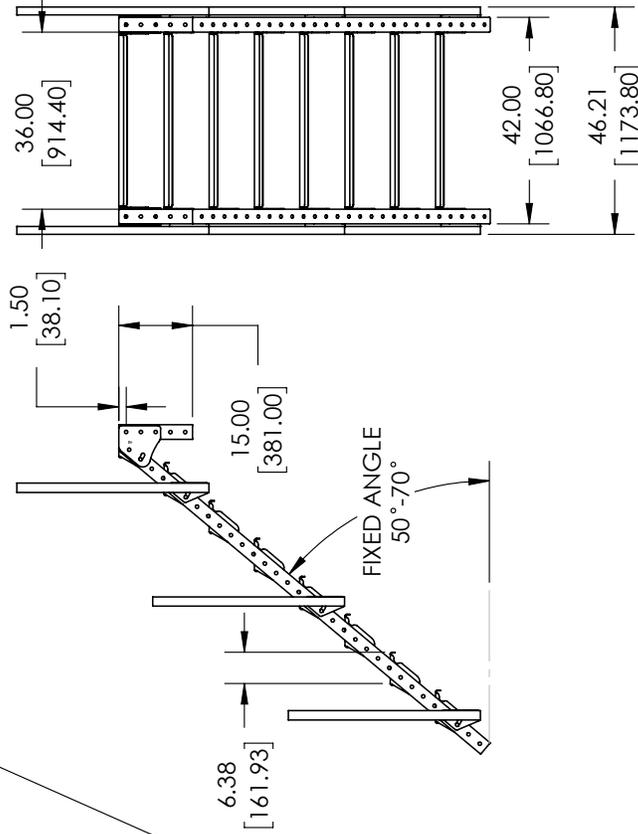
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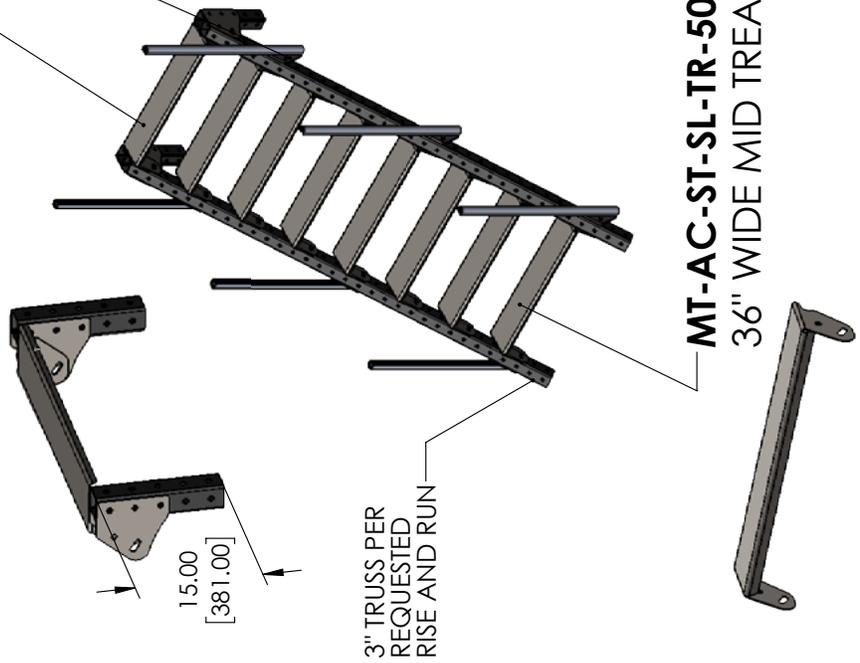
PART NUMBER	DESCRIPTION	QTY.
MT-AC-ST-SL-HR-50-70-RH	RIGHT HANDRAIL MOUNTING PLATE	1
MT-AC-ST-SL-HR-50-70-LH	LEFT HANDRAIL MOUNTING PLATE	1

MT-AC-ST-SL-HR-50-70(LH/RH)
HANDRAIL MOUNT ASSEMBLY



PART NUMBER	DESCRIPTION	QTY.
MT-AC-ST-SL-TR-50-70-3550-T	TOP TREAD	1
MT-TR-03-03-015-ST	TRUSS, 3" x 3" x 15"	2
MT-AC-ST-SL-PL-50-70	MOUNTING PLATES	4

MT-AC-ST-SL-PL-50-70
TOP TREAD MOUNTING ASSEMBLY



MT-AC-ST-SL-TR-50-70-3600
36" WIDE MID TREADS

	BRACKET [1] DIMENSIONS ARE IN MM	
	11/11/2024	REVISION: A
DESCRIPTION: SHIP LADDER STAIR		
PART NUMBER: MT-AC-ST-SL-50-70		

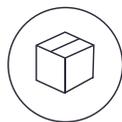
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36" Wide Adjustable Rise and Run Stair Assembly

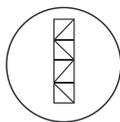


MT-AC-ST-AJ-30-50-036-XX

Standard Material	Rails ATSM A500 Grade B Steel Treads Galvanized Steel
Size	36" (914.40mm) Wide Stair Tread, Height and Length Per Order
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2.5" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1



In Stock



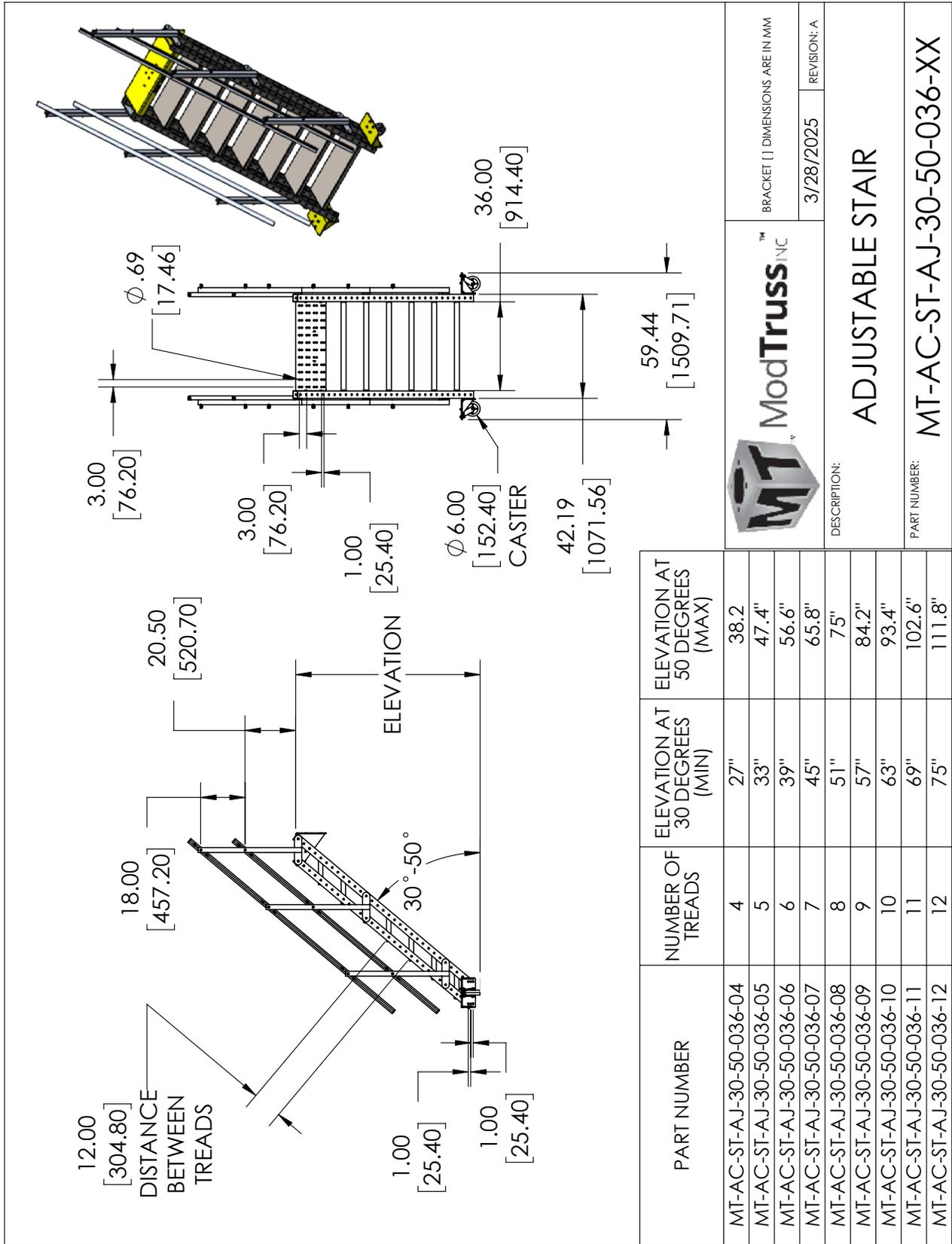
Compatible



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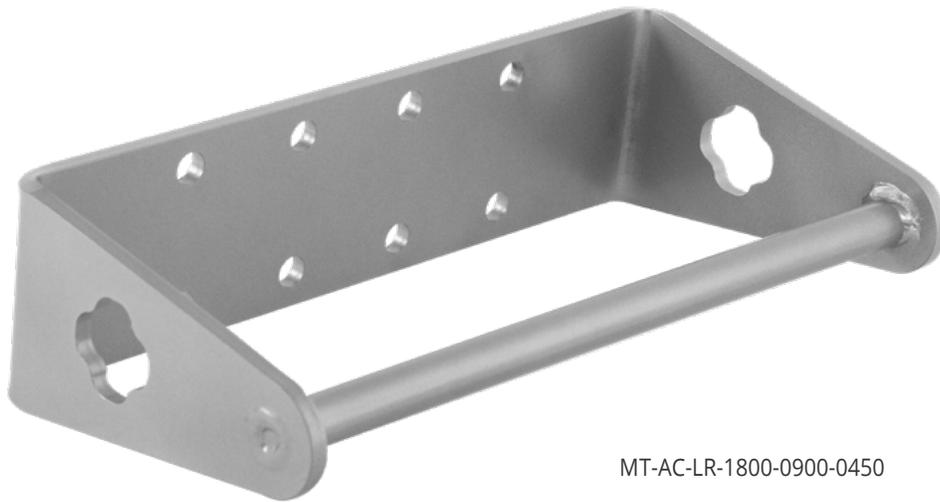


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TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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18" Ladder Rung

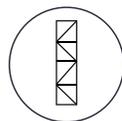


MT-AC-LR-1800-0900-0450

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Size	18" x 9" x 4.5" (457.20mm x 228.60mm x 114.30mm)
Weight	17.10lbs (273.60kg)
Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



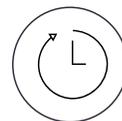
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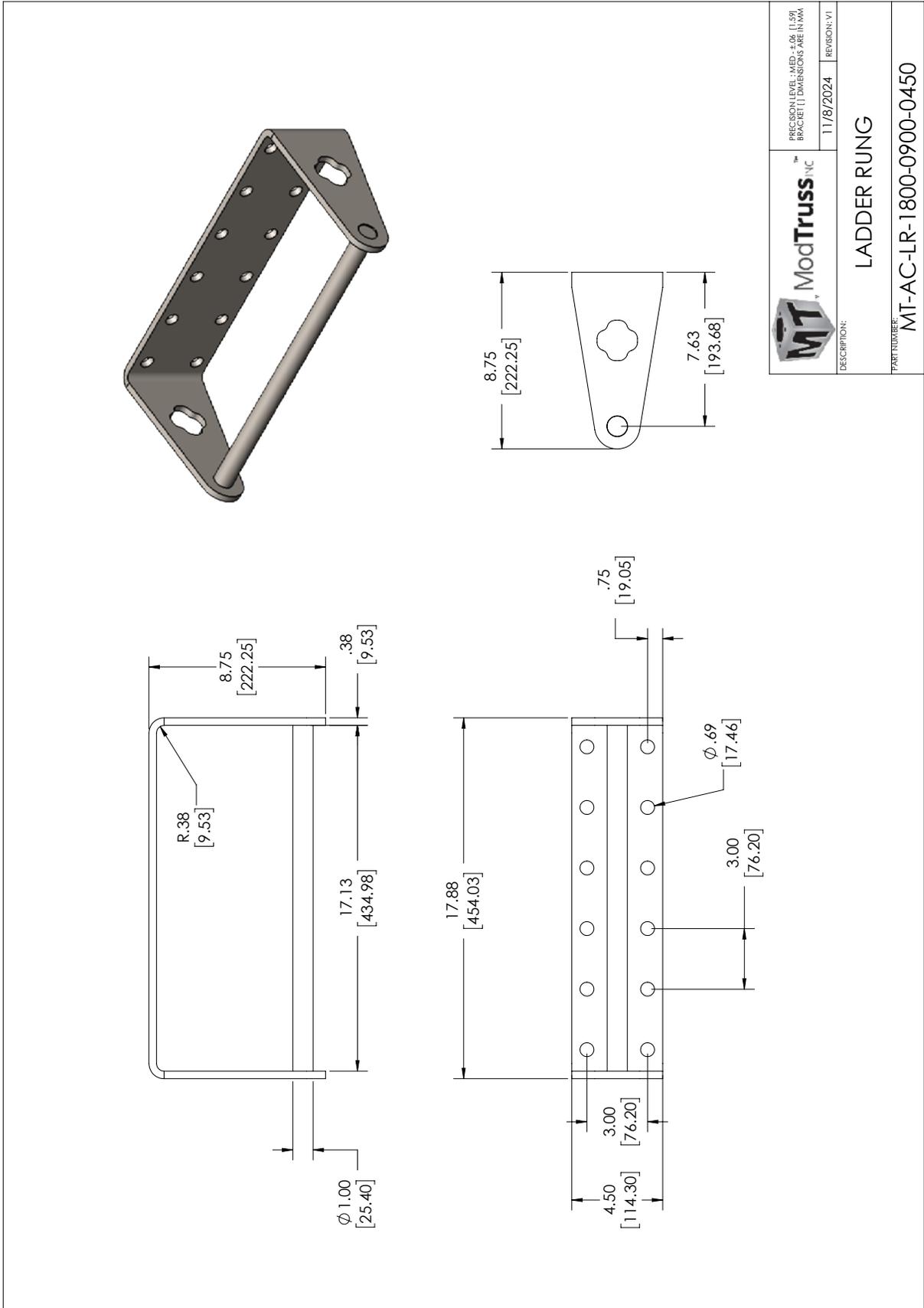
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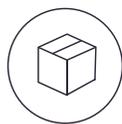
ModPanels with 1" Plywood



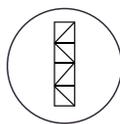
MT-AC-MP-06-XXX-XXX

Standard Material	5052-H32 Aluminum and 1" Plywood
Standard Finish	01- Brush Finish and 95 - Enamel Satin Black
Available Finish(es)	01- Brush
Bolt Hole Size	11/16" (17.46mm)
Load Rating	150 PSF
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-AC-MP-06-048-048 48" x 48" ModPanel	48" x 48" x 6" (1219.20mm x 1219.20mm x 152.40mm)	67.40lbs (30.57kg)* Weight Variance of +/- 2.5lbs
MT-AC-MP-06-048-096 48" x 96" ModPanel	48" x 96" x 6" (1219.20mm x 2438.4mm x 152.40mm)	154.20lbs (69.94kg)* Weight Variance of +/- 5lbs



In Stock



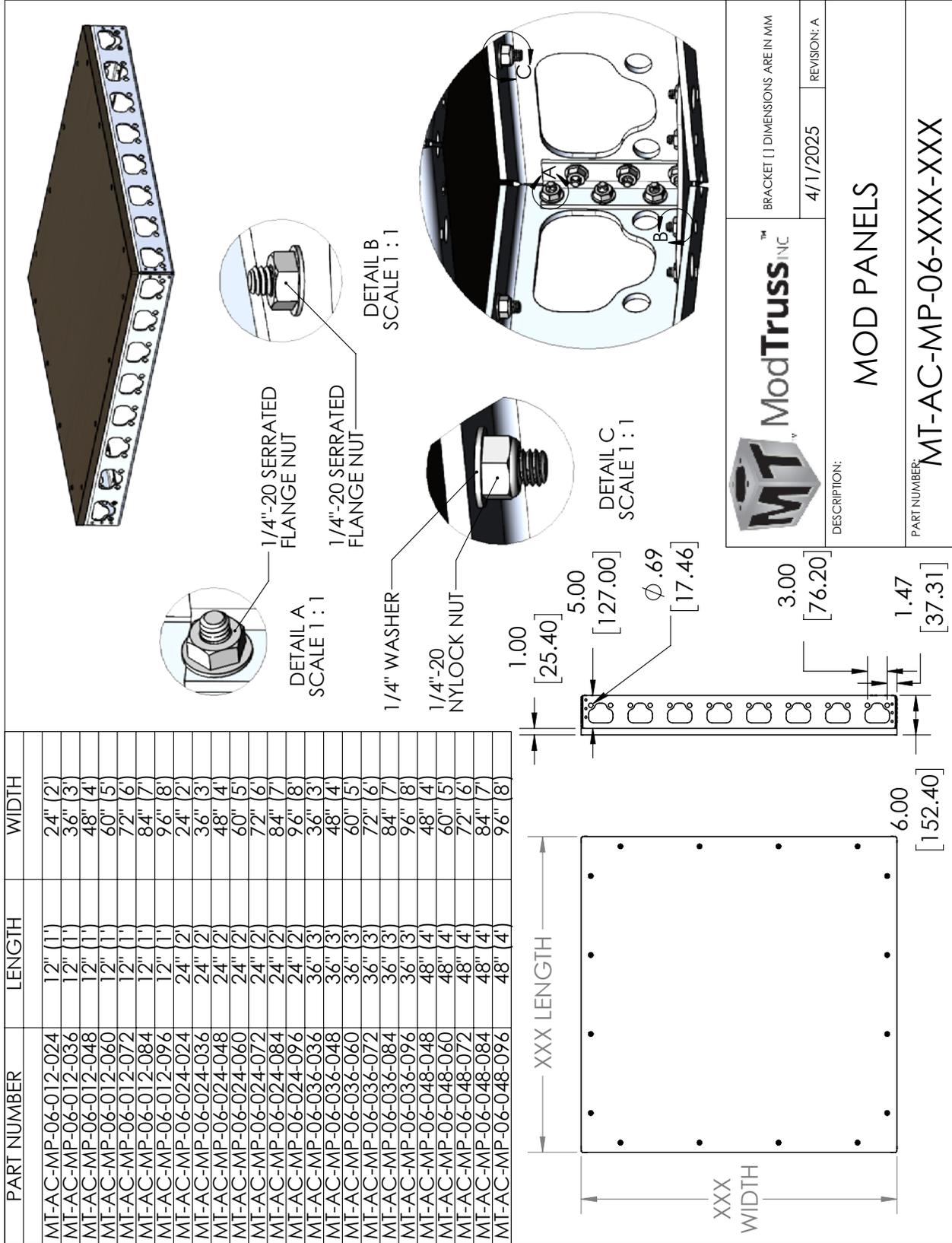
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4/1/2025 REVISION: A

DESCRIPTION: **MOD PANELS**

PART NUMBER: **MT-AC-MP-06-XXX-XXX**

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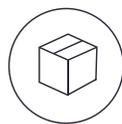
Steel ModPlank- 12" Wide



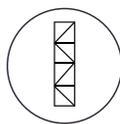
MT-AC-MP-03-12-XXX

Standard Material	A36 Low Carbon Steel
Standard Finish	24 Gray Anti-Slip Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Load Rating	175 PSF over 10' span
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-AC-MP-03-12-012	3" x 12" x 12" (76.20mm x 76.20mm x 304.80mm)	8.65lbs (2.22kg)
MT-AC-MP-03-12-024	3" x 12" x 24" (76.20mm x 76.20mm x 609.60mm)	17.31lbs (7.85kg)
MT-AC-MP-03-12-036	3" x 12" x 36" (76.20mm x 76.20mm x 914.40mm)	25.96lbs (11.77kg)
MT-AC-MP-03-12-048	3" x 12" x 48" (76.20mm x 76.20mm x 1219.2mm)	34.61lbs (15.70kg)
MT-AC-MP-03-12-060	3" x 12" x 60" (76.20mm x 76.20mm x 1524.0mm)	43.27lbs (19.63kg)
MT-AC-MP-03-12-072	3" x 12" x 72" (76.20mm x 76.20mm x 1828.8mm)	51.92lbs (23.55kg)
MT-AC-MP-03-12-084	3" x 12" x 84" (76.20mm x 76.20mm x 2133.6mm)	60.57lbs (27.47kg)
MT-AC-MP-03-12-096	3" x 12" x 96" (76.20mm x 76.20mm x 2438.4mm)	69.22lbs (31.40kg)
MT-AC-MP-03-12-108	3" x 12" x 108" (76.20mm x 76.20mm x 2743.2mm)	77.88lbs (35.33kg)
MT-AC-MP-03-12-120	3" x 12" x 120" (76.20mm x 76.20mm x 3048.0mm)	86.53lbs (39.25kg)



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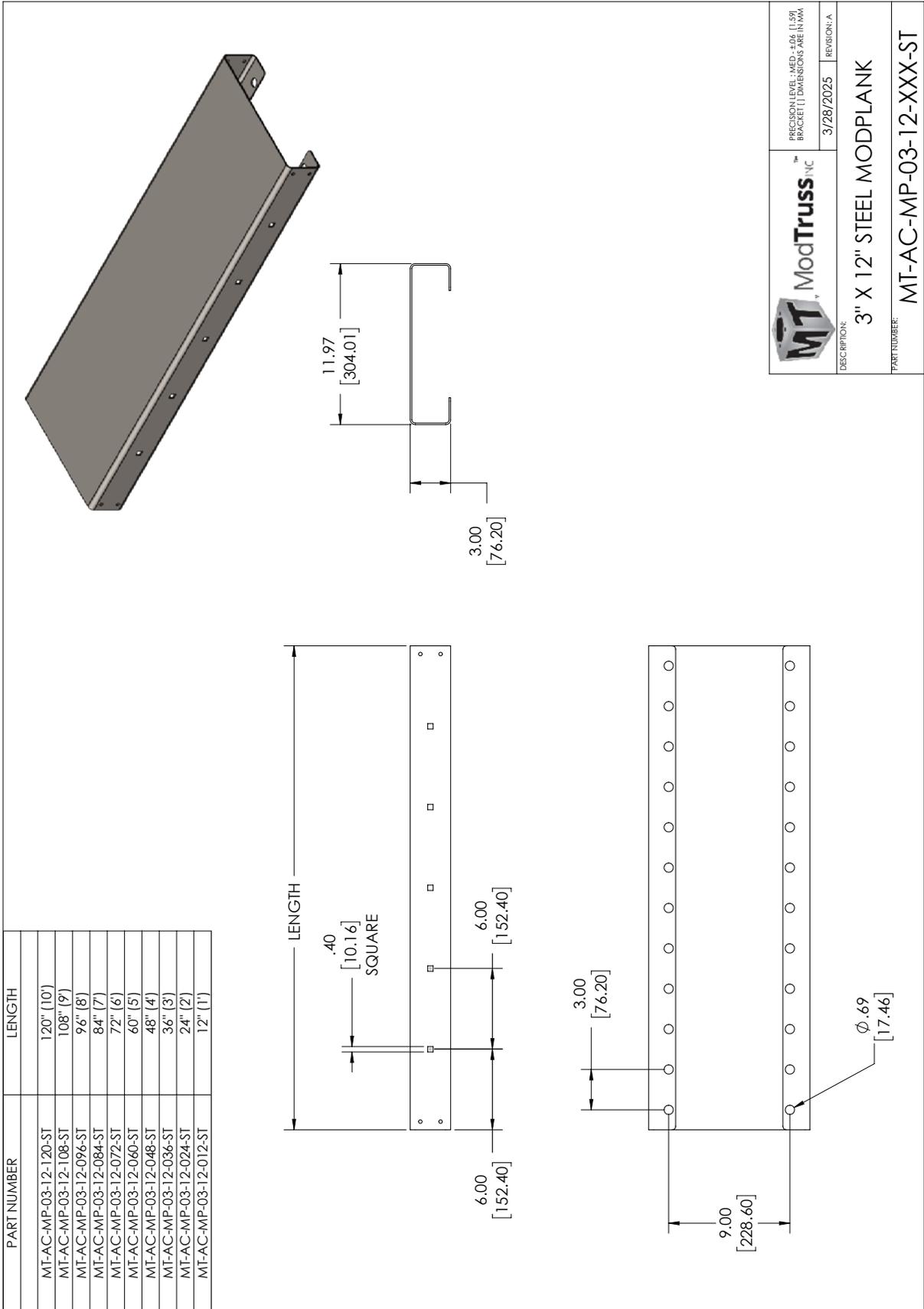
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PRECISION LEVEL: MED-±.06 (1.59)
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3/28/2025 REVISION: A

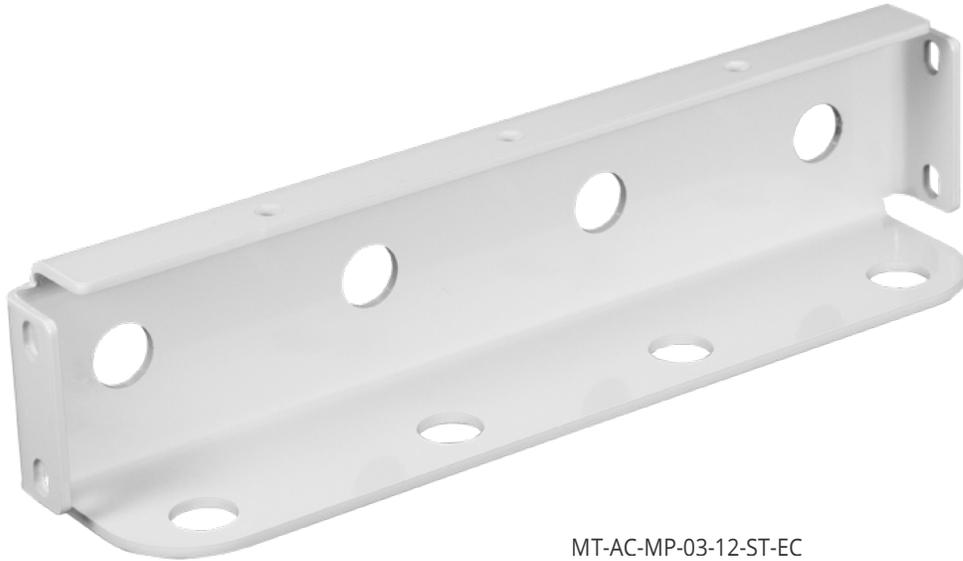
DESCRIPTION:
3" X 12" STEEL MODPLANK

PART NUMBER:
MT-AC-MP-03-12-XXX-ST

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ACCESS

ModPlank End Cap

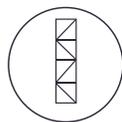


MT-AC-MP-03-12-ST-EC

Standard Material	A36 Low Carbon Steel
Standard Finish	23- Powder Coat Light Gray
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	2.0lbs (0.91kg)
Bolt Hole Size	11/16" (17.46mm)
Load Rating	175 PSF over a 10' Span 275 PSF over a 8' Span 700 PSF over 5' Span
Concentrated load	2" x 2" 300 LBS
Recommended Hardware	1/4"-20 Thread Grade Bolt, 5/8" Long, 1/4 SAE Washer, 1/4" - 20 Thread Hex Nut
Recommended Tools	Tool Kit 1



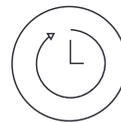
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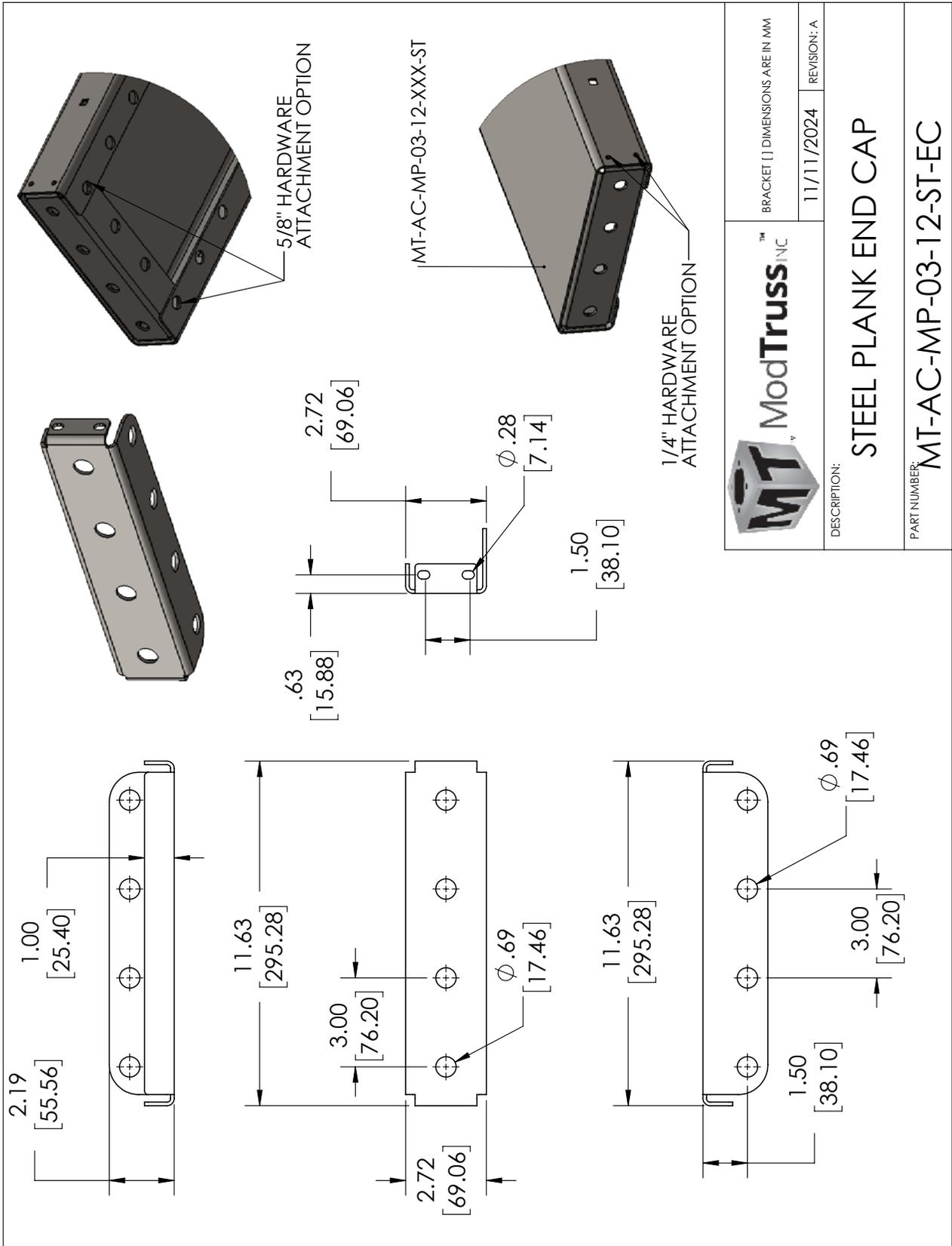
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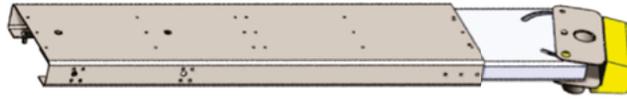


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TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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AeroSlider

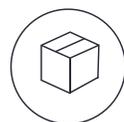


MT-AC-MP-03-12-SLD-XXX-XXX

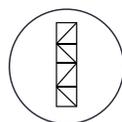


Standard Material	A36 Low Carbon Steel
Standard Finish	24 Gray Anti-Slip Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Hole Size	1/2" Countersunk (12.70mm), 1/4" (6.35mm)
Recommended Hardware	7/16" - 14 Thread Grade 8 Bolt, 1.5" Long 7/16" SAE Zinc-Plated Washer 7/16"-14 Thread, Grade 8 Hex Nut (M12 x 1.75 Thread, 400mm Long, Class 10.9 Bolt M12, Class 10.9 Washer M12 x 1.75 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster

Part # Description	Size
MT-AC-MP-03-12-SLD-120-012	3.0" x 11.94" x 120.0" x 12.0" (76.20mm x 303.21mm x 3048.0mm x 304.80mm)
MT-AC-MP-03-12-SLD-120-024	3.0" x 11.94" x 120.0" x 24.0" (76.20mm x 303.21mm x 3048.0mm x 609.60mm)
MT-AC-MP-03-12-SLD-120-036	3.0" x 11.94" x 120.0" x 36.0" (76.20mm x 303.21mm x 3048.0mm x 914.40mm)
MT-AC-MP-03-12-SLD-120-048	3.0" x 11.94" x 120.0" x 48.0" (76.20mm x 303.21mm x 3048.0mm x 1219.20mm)
MT-AC-MP-03-12-SLD-108-012	3.0" x 11.94" x 108.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-108-024	3.0" x 11.94" x 108.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-108-036	3.0" x 11.94" x 108.0" x 36.0" (76.20mm x 303.21mm x 27.43mm x 914.40mm)
MT-AC-MP-03-12-SLD-108-048	3.0" x 11.94" x 108.0" x 48.0" (76.20mm x 303.21mm x 27.43mm x 1219.20mm)
MT-AC-MP-03-12-SLD-096-012	3.0" x 11.94" x 96.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-096-024	3.0" x 11.94" x 96.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-096-036	3.0" x 11.94" x 96.0" x 36.0" (76.20mm x 303.21mm x 27.43mm x 914.40mm)
MT-AC-MP-03-12-SLD-096-048	3.0" x 11.94" x 96.0" x 48.0" (76.20mm x 303.21mm x 27.43mm x 1219.20mm)
MT-AC-MP-03-12-SLD-084-012	3.0" x 11.94" x 84.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-084-024	3.0" x 11.94" x 84.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-084-036	3.0" x 11.94" x 84.0" x 36.0" (76.20mm x 303.21mm x 27.43mm x 914.40mm)
MT-AC-MP-03-12-SLD-084-048	3.0" x 11.94" x 84.0" x 48.0" (76.20mm x 303.21mm x 27.43mm x 1219.20mm)
MT-AC-MP-03-12-SLD-072-012	3.0" x 11.94" x 72.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-072-024	3.0" x 11.94" x 72.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-072-036	3.0" x 11.94" x 72.0" x 36.0" (76.20mm x 303.21mm x 27.43mm x 914.40mm)
MT-AC-MP-03-12-SLD-072-048	3.0" x 11.94" x 72.0" x 48.0" (76.20mm x 303.21mm x 27.43mm x 1219.20mm)
MT-AC-MP-03-12-SLD-060-012	3.0" x 11.94" x 60.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-060-024	3.0" x 11.94" x 60.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-060-036	3.0" x 11.94" x 60.0" x 36.0" (76.20mm x 303.21mm x 27.43mm x 914.40mm)
MT-AC-MP-03-12-SLD-048-012	3.0" x 11.94" x 48.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)
MT-AC-MP-03-12-SLD-048-024	3.0" x 11.94" x 48.0" x 24.0" (76.20mm x 303.21mm x 27.43mm x 609.60mm)
MT-AC-MP-03-12-SLD-036-012	3.0" x 11.94" x 36.0" x 12.0" (76.20mm x 303.21mm x 27.43mm x 304.80mm)



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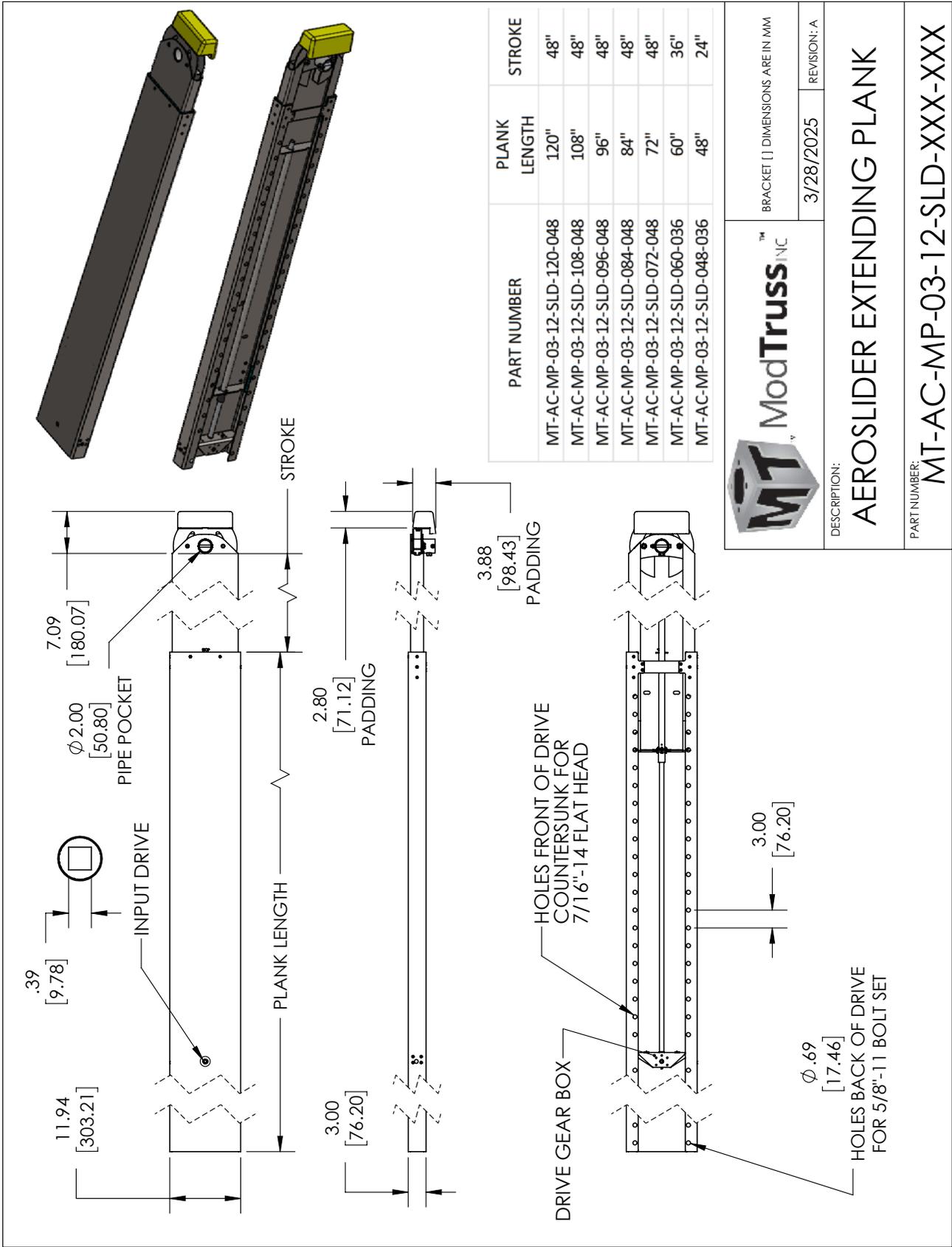
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PART NUMBER	PLANK LENGTH	STROKE
MT-AC-MP-03-12-SLD-120-048	120"	48"
MT-AC-MP-03-12-SLD-108-048	108"	48"
MT-AC-MP-03-12-SLD-096-048	96"	48"
MT-AC-MP-03-12-SLD-084-048	84"	48"
MT-AC-MP-03-12-SLD-072-048	72"	48"
MT-AC-MP-03-12-SLD-060-036	60"	36"
MT-AC-MP-03-12-SLD-048-036	48"	24"



BRACKET () DIMENSIONS ARE IN MM

3/28/2025 REVISION: A

DESCRIPTION:
AEROSLIDER EXTENDING PLANK

PART NUMBER:
MT-AC-MP-03-12-SLD-XXX-XXX

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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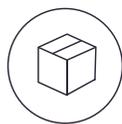
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Decorative Handrail Steel (No Insert)

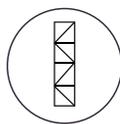


MT-AC-HR-DP-41-XXX

Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	20-30 Powder Coated
Size	41" x User Defined Length x 0.31" (1041.4mm x User Defined Length x 7.87mm)
Weight	Varies per Length
Hole Size	1/2" (12.7mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock

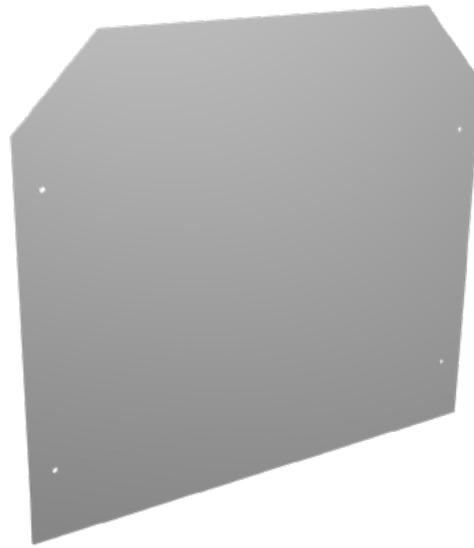


Compatible


 Serialized &
Traceable

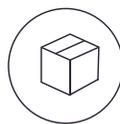
 Made To
Order

Polycarbonate Handrail Insert

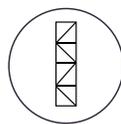


MT-AC-HR-DP-41-XXX_06

Standard Material	Polycarbonate
Standard Finish	02 - No Finish
Size	Varies per Length
Weight	Varies per Length
Hole Size	1/2" (12.7mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1 9/16" Combination Wrench and Socket
Note	Graphics not Included



In Stock



Compatible



Serialized &
Traceable



Made To
Order

BOM Table

PART NUMBER	DESCRIPTION	QTY.
MT-AC-HR-DP-41-XXX_06	POLY CARBONATE INSERT, DECORATIVE PANEL	1
3/8" ZINC PLATED WASHER	Zinc-Plated Steel SAE Washer	8-16 BASED ON PANEL SIZE
3/8"-16 ZINC PLATED ACORN NUT	Low-Strength Steel Cap Nut	4-8 BASED ON PANEL SIZE
3/8"-16 ZINC PLATED COCKET HEAD	Zinc-Plated Alloy Steel Socket Head Screw	4-8 BASED ON PANEL SIZE

PART NUMBER	WIDTH INCHES	WIDTH [MM]
MT-AC-DP-41-024_06	17.50	444.50
MT-AC-DP-41-036_06	29.50	749.30
MT-AC-DP-41-048_06	41.50	1054.10
MT-AC-DP-41-060_06	53.50	1358.90
MT-AC-DP-41-072_06	65.50	1663.70
MT-AC-DP-41-084_06	77.50	1968.50
MT-AC-DP-41-096_06	89.50	2273.30

PRECISION LEVEL: MED-±.06 (L.59)
BRACKET DIMENSIONS ARE IN MM

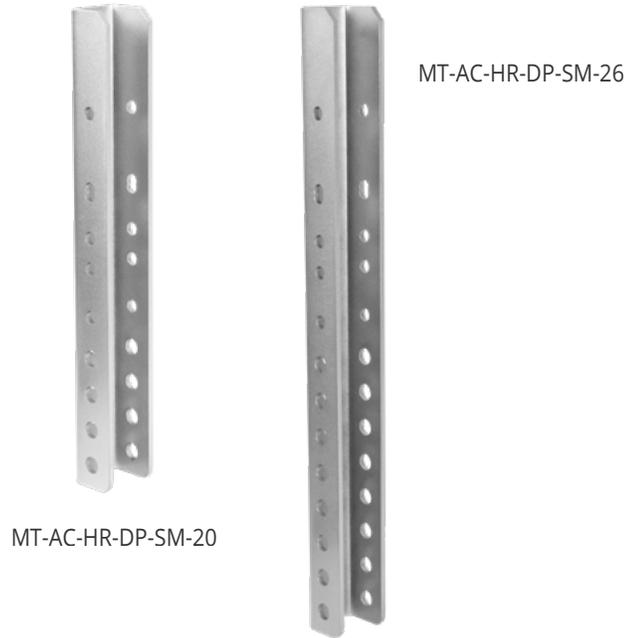
REVISION: A

DATE: 11/8/2024

DESCRIPTION:
DECORATIVE HANDRAIL
POLY INSERT

PART NUMBER:
MT-AC-HR-DP-41-XXX_06

Decorative Handrail Mount

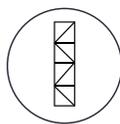


Standard Material	A36 Low Carbon Steel
Standard Finish	25 - Powder Coated Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight
MT-AC-HR-DP-SM-26	2.56" x 25.50" x 2.25" (65.02mm x 647.70mm x 57.15mm)	10.0lbs (4.54kg)
MT-AC-HR-DP-SM-20	2.56" x 11.00" x 2.25" (65.02mm x 279.40mm x 57.15mm)	7.75lbs (3.51kg)



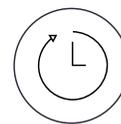
In Stock



Compatible



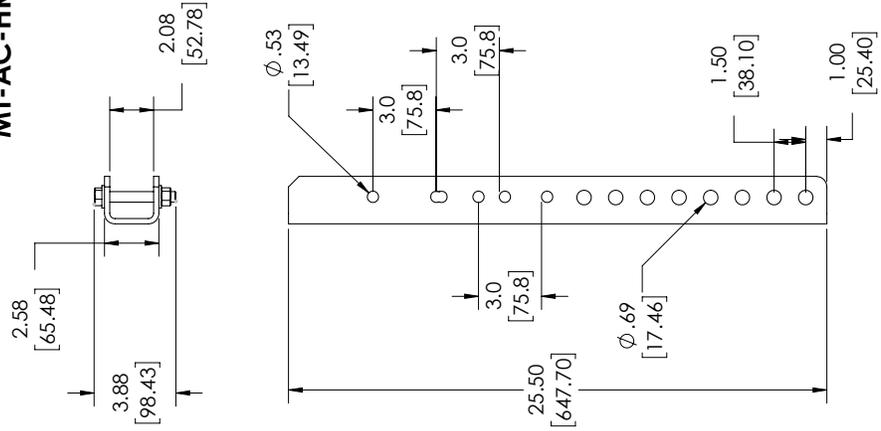
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Traceable



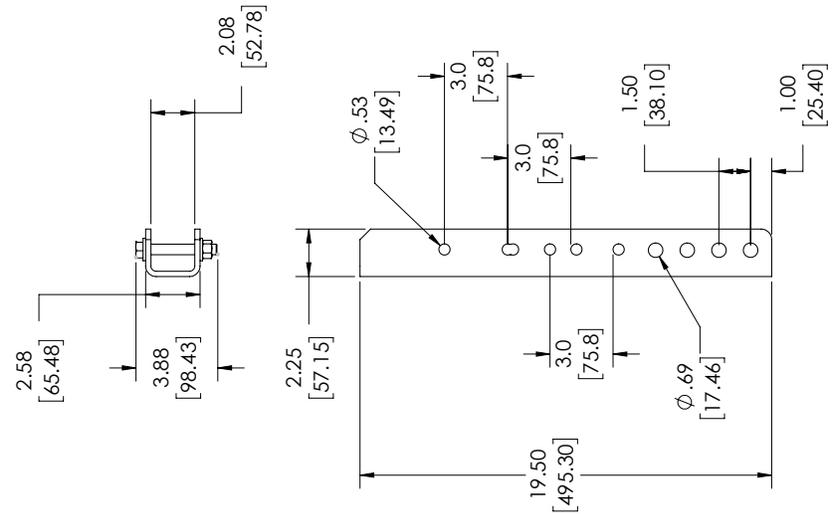
Made To
Order

PART NUMBER	DESCRIPTION	QTY.	PART NUMBER	DESCRIPTION	QTY.
MT-AC-HR-DP-SM-26_01	SIDE MOUNT BRACKET	1	MT-AC-HR-DP-SM-20_01	SIDE MOUNT BRACKET	1
MT-HW-BT-HEX-HEX-GR5-0350-128	1/2"-13 X 3.5" GRADE 5 HEX BOLT	1	MT-HW-WA-HEX-HEX-GR5-0350-128	1/2"-13 X 3.5" GRADE 5 HEX BOLT	1
MT-HW-WA-SAE-GR5-ZIP-0007-0053-0106	1/2" SAE GRADE 5 WASHER	2	MT-HW-WA-SAE-GR5-ZIP-0007-0053-0106	1/2" SAE GRADE 5 WASHER	2
MT-HW-NIT-HEX-HEX-GR5-ZIP-128	1/2"-13 GRADE 5 HEX NUT	1	MT-HW-NIT-HEX-HEX-GR5-ZIP-128	1/2"-13 GRADE 5 HEX NUT	1
MT-HW-PN-CL-FLT-ALS-ZIP-0300-0275-0050	GUARDRAIL SHELF PIN	1	MT-HW-PN-CL-FLT-ALS-ZIP-0300-0275-0050	GUARDRAIL SHELF PIN	1

MT-AC-HR-DP-SM-26



MT-AC-HR-DP-SM-20



PRECISION LEVEL: MED-±0.6 (1.59)
BRACKET DIMENSIONS ARE IN MM

REVISION: A
9/15/2025

DESCRIPTION:
DECORATIVE GUARDRAIL SIDE MOUNTS

PART NUMBER:
MT-AC-HR-DP-SM-XX

TR	EX	PL	JH	PA	HG	MO	RG	AC	HW	TK	MH	FT	GL
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ACCESS

Speed Rail Fittings for 1.5" Schedule 40 Pipe



MT-AC-HC-WYE-S-0150



MT-AC-HC-TEE-F-0150



MT-AC-HC-CNR-S-0150



MT-AC-HC-INT-S-0150



MT-AC-HC-INT-F-0150



MT-AC-HC-INS-F-0150



MT-AC-HC-ELT-S-0150



MT-AC-HC-ELT-F-0150



MT-AC-HC-ELB-F-0150



MT-AC-HC-TEE-F-0150



MT-AC-HC-PNH-F-0150

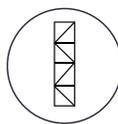


MT-AC-HC-CAP-F-0150

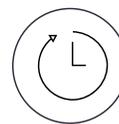
Part # Description	Size	Weight
MT-AC-HC-WYE-S-0150	1.5" 540 Adjustable WYE	0.85lbs (0.38kg)
MT-AC-HC-TEE-F-0150	1.5" 540 Fixed Tee	0.60lbs (0.27kg)
MT-AC-HC-CNR-S-0150	1.5" 540 Adjustable 2-Socket Elbow	1.30lbs (0.58kg)
MT-AC-HC-INT-S-0150	1.5" 540 Adjustable 4-Way Angle Cross	1.50lbs (0.68kg)
MT-AC-HC-INT-F-0150	1.5" 540 4-Way Cross Tee	0.55lbs (0.29kg)
MT-AC-HC-INS-F-0150	1.5" 540 Straight Connect	0.55lbs (0.24kg)
MT-AC-HC-ELT-S-0150	1.5" 540 Adjustable Elbow w/ Thru Hole	1.25lbs (0.56kg)
MT-AC-HC-ELT-F-0150	1.5" 540 Elbow w/ Pass-thru	0.50lbs (0.22kg)
MT-AC-HC-ELB-F-0150	1.5" 540 Fixed Elbow	0.75lbs (0.34kg)
MT-AC-HC-TEE-F-0150	1.5" 540 Tee Thru Hole	0.50lbs (0.22kg)
MT-AC-HC-PNH-F-0150	1.5" 540 Panel Hanger	0.30lbs (0.14kg)
MT-AC-HC-CAP-F-0150	1.5" Schedule 40 End Cap	0.10lbs (0.04kg)



In Stock



Compatible


 Serialized &
Traceable

 Made To
Order

MT-AC-HC-WYE-S-0150				MT-AC-HC-INS-F-0150			
MT-AC-HC-TEE-F-0150				MT-AC-HC-INT-F-0150			
MT-AC-HC-CNR-S-0150				MT-AC-HC-PNH-F-0150			
MT-AC-HC-ELT-F-0150				MT-AC-HC-CAP-F-0150			
MT-AC-HC-ELT-S-0150							

PRECISION LEVEL: MED-±0.6 (±.027)
BRACKET (I) DIMENSIONS ARE IN MM

9/19/2018 REVISION: V1

DESCRIPTION: 1.5" SPEED RAIL FITTINGS

PART NUMBER: MT-AC-HC-XXX-X-0150

TR
EX
PL
JH
PA
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HW
TK
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FT
GL

4" Toe Board Corner Plate

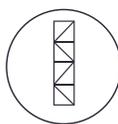


MT-AC-TB-PL-0400-0200-090

Standard Material	A36 Low Carbon Steel
Standard Finish	28- Powder Coated Gloss Yellow
Available Finish(es)	10-12 Zinc 20-30 Powder Coat
Weight	0.50lbs (0.23kg)
Recommended Hardware	5/16"-18 grade 5 washer 5/16"-18 X 7/8" Grade 5 Socket Head 5/16"-18 grade 5 nylock nut
Recommended Tools	Tool Kit 1 Adjustable Wrench



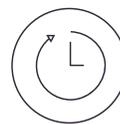
In Stock



Compatible



Serialized &
Traceable

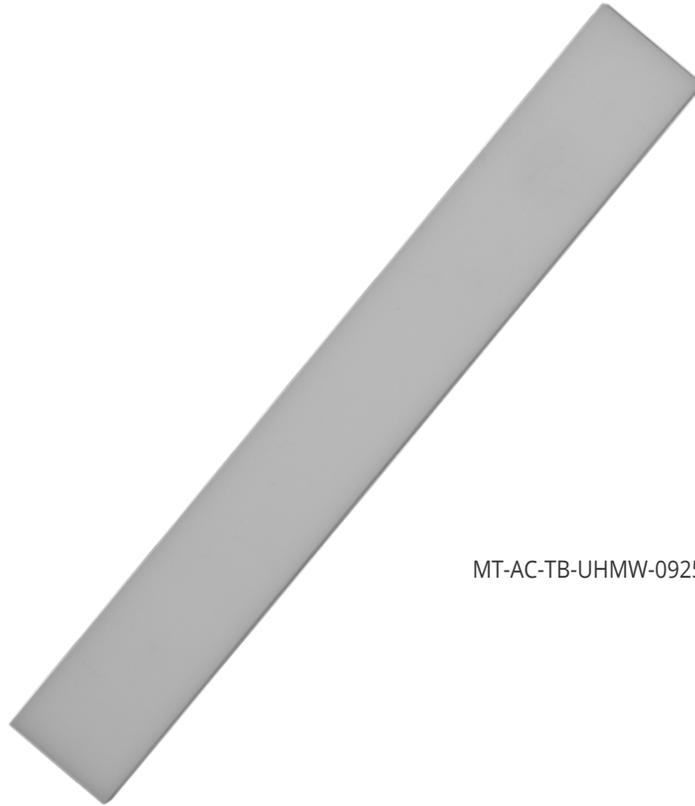


Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-AC-TB-PL-0400-0200-090_0A	TOE BOARD CORNER PLATE	1
MT-HW-WA-SAE-GR5-ZIP-0005-0034-0068	5/16" SAE WASHER GRADE 5 ZINC PLATED	8
MT-HW-BT-SHC-ALN-ALS-ZIP-0088-122	5/16" - 18 x 7/8" SOCKET HEAD SCREW ALLOY STEEL ZINC PLATED	4
MT-HW-NT-NYL-HEX-GR5-ZIP-122	5/16" - 18 NYLOC HEX NUT GRADE 5 ZINC PLATED	4

	PRECISION LEVEL: MED-±.06 [1.52] BRACKET DIMENSIONS ARE IN MM
	8/18/2025 REVISION: A
DESCRIPTION: 4" TOE BOARD CORNER PLATE	
PART NUMBER: MT-AC-TB-PL-0400-0200-090	

Toe Board Mount Bar for T-Slot Pipe

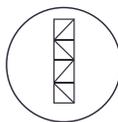


MT-AC-TB-UHMW-0925

Standard Material	HDPE Plastic
Size	9.25" x 1.25" (234.95mm x 31.75mm)
Weight	0.20lbs (0.09kg)
Length	Product stocked in 12' lengths
Recommended Hardware	(2) 3/8"x1" Flanged Hex Head Screws



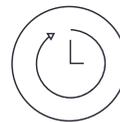
In Stock



Compatible



Serialized &
Traceable



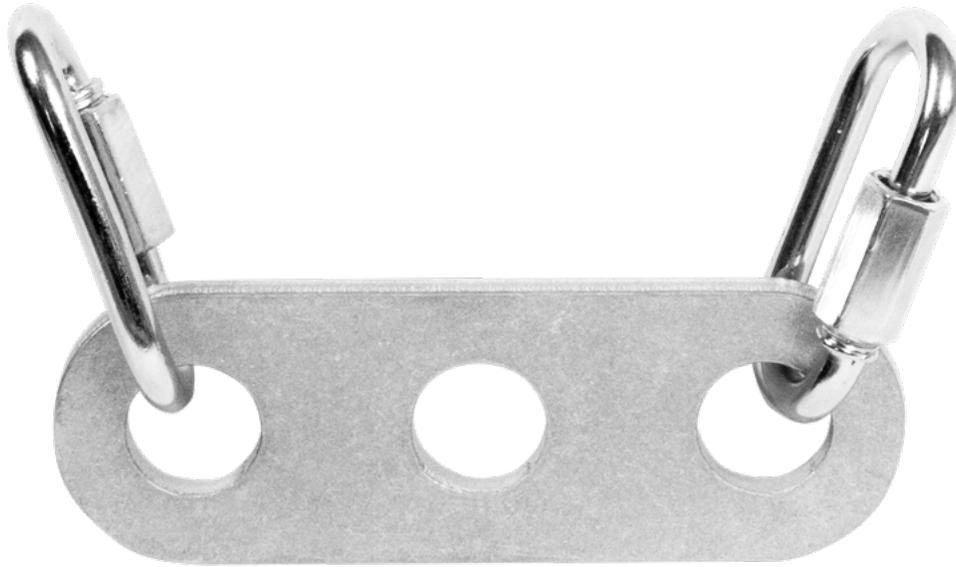
Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-AC-TB-UHMW-0925	TOE BOARD MOUNTING BAR	1
3/8" X 1" FLANGED HEAD HEX SCREW	Flanged Hex Head Screws for Sheet Metal	2

	PRECISION LEVEL: MED-±.06 [1.59] BRACKET DIMENSIONS ARE IN MM
	7/17/2024
DESCRIPTION:	TOE BOARD MOUNTING BAR
REVISION:	REVISION: A
PART NUMBER:	MT-AC-TB-UHMW-0925

TR
EX
PL
JH
PA
HG
MO
RG
AC
HW
TK
MH
FT
GL

Post and Chain Plate

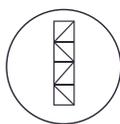


MT-AC-HC-PL-0150-03-PC

Standard Material	5052 - H32 Aluminum
Standard Finish	02- No Finish
Available Finish(es)	03 - Tumbled & Deburred
Hole Size	11/16" (17.46mm)
Weight	0.25lbs (0.11kg)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



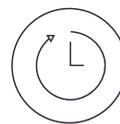
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Compatible



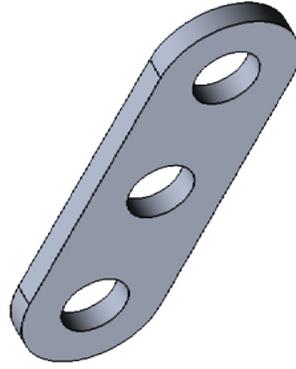
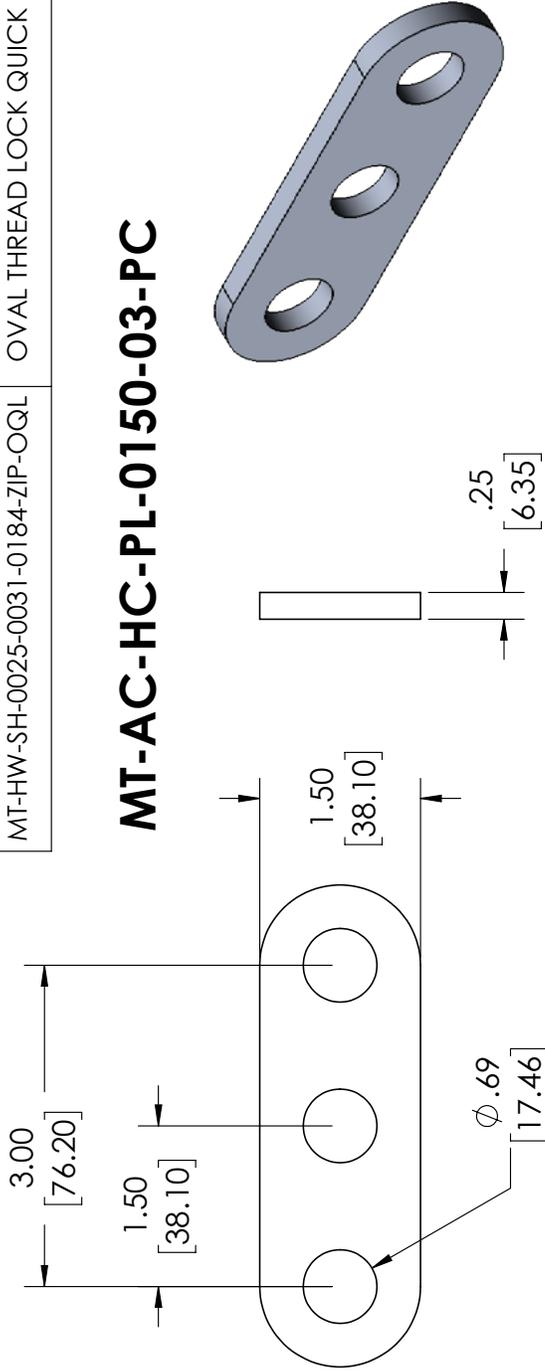
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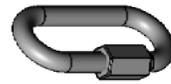
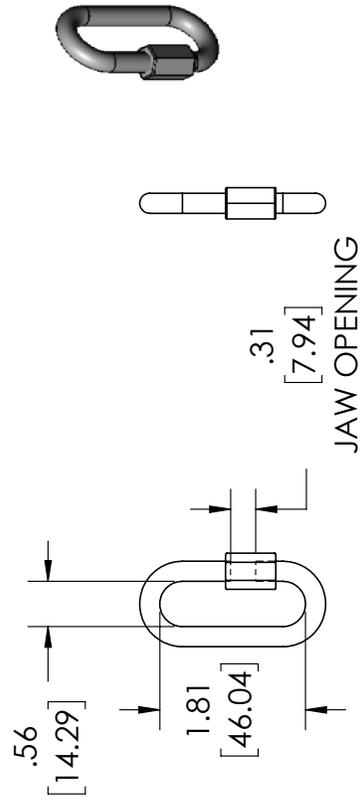
Made To
Order

PART NUMBER	DESCRIPTION	QTY
MT-AC-HC-PL-0150-03-PC	POST AND CHAIN PLATE	1
MT-HW-SH-0025-0031-0184-ZIP-OQL	OVAL THREAD LOCK QUICK LINK RING	2

MT-AC-HC-PL-0150-03-PC



MT-HW-SH-0025-0031-0184-ZIP-OQL



BRACKET {} DIMENSIONS ARE IN MM

11/12/2024

REVISION: A

DESCRIPTION:

POST AND CHAIN PLATE

PART NUMBER:

MT-AC-HC-PL-0150-03-PC



TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

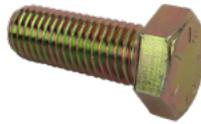
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HARDWARE

Grade 8 Hardware



Part #	Description	Weight
MT-HW-BS-0200-GR8-132	5/8-11 x 2" Hex Bolt Set (Bolt, Nut, 2x Washer)	0.35lbs (0.16kg)
MT-HW-BS-0250-GR8-132	5/8-11 x 2.5" Hex Bolt Set (Bolt, Nut, 2x Washer)	0.40lbs (0.18kg)



Part #	Description	Weight
MT-HW-BT-HEX-HEX-GR8-ZYP-0100-132	5/8-11 Hex Bolt, 1"	2.35oz (0.066kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0125-132	5/8-11 Hex Bolt, 1.25"	2.65oz (0.075kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0150-132	5/8-11 Hex Bolt, 1.5"	2.95oz (0.083kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0175-132	5/8-11 Hex Bolt, 1.75"	3.15oz (0.089kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0200-132	5/8-11 Hex Bolt, 2"	3.50oz (0.099kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0250-132	5/8-11 Hex Bolt, 2.5"	4.30oz (0.121kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0300-132	5/8-11 Hex Bolt, 3"	4.85oz (0.137kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0350-132	5/8-11 Hex Bolt, 3.5"	5.60oz (0.158kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0400-132	5/8-11 Hex Bolt, 4"	6.30oz (0.178kg)
MT-HW-BT-HEX-HEX-GR8-ZYP -0450-132	5/8-11 Hex Bolt, 4.5"	6.95oz (0.197kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0500-132	5/8-11 Hex Bolt, 5"	7.60oz (0.215kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0550-132	5/8-11 Hex Bolt, 5.5"	8.35oz (0.236kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0600-132	5/8-11 Hex Bolt, 6"	9.05oz (0.256kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0650-132	5/8-11 Hex Bolt, 6.5"	9.70oz (0.274kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0700-132	5/8-11 Hex Bolt, 7"	10.25oz (0.290kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0750-132	5/8-11 Hex Bolt, 7.5"	10.95oz (0.310kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0800-132	5/8-11 Hex Bolt, 8"	11.70oz (0.331kg)



Part #	Description	Weight
MT-HW-WA-SAE-GR8-ZYP-0008-0066-0131	5/8 SAE Washer	0.02lbs (0.009kg)



Part #	Description	Weight
MT-HW-NT-HEX-HEX-GR8-132	5/8-11 Nut	0.07lbs (0.03kg)



Part #	Description	Weight
MT-HW-BT-HEX-HEX-GR8-ZTP-0100-128	1/2-13 Hex Bolt, 1"	1.30oz (0.036kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0125-128	1/2-13 Hex Bolt, 1.25"	1.50oz (0.042kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0150-128	1/2-13 Hex Bolt, 1.5"	1.70oz (0.048kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0175-128	1/2-13 Hex Bolt, 1.75"	1.85oz (0.052kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0200-128	1/2-13 Hex Bolt, 2"	2.15oz (0.060kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0250-128	1/2-13 Hex Bolt, 2.5"	2.60oz (0.073kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0300-128	1/2-13 Hex Bolt, 3"	3.00oz (0.085kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0350-128	1/2-13 Hex Bolt, 3.5"	3.45oz (0.097kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0400-128	1/2-13 Hex Bolt, 4"	3.90oz (0.110kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0450-128	1/2-13 Hex Bolt, 4.5"	4.35oz (0.123kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0500-128	1/2-13 Hex Bolt, 5"	4.75oz (0.134kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0550-128	1/2-13 Hex Bolt, 5.5"	5.15oz (0.146kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0600-128	1/2-13 Hex Bolt, 6"	5.60oz (0.158kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0650-128	1/2-13 Hex Bolt, 6.5"	6.00oz (0.170kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0700-128	1/2-13 Hex Bolt, 7"	6.30oz (0.178kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0750-128	1/2-13 Hex Bolt, 7.5"	6.85oz (0.194kg)
MT-HW-BT-HEX-HEX-GR8-ZTP-0800-128	1/2-13 Hex Bolt, 8"	7.30oz (0.206kg)



Part #	Description	Weight
MT-HW-WA-SAE-GR8-ZYP-0007-0053-0106	1/2 SAE Washer	0.35oz (0.009kg)



Part #	Description	Weight
MT-HW-NT-HEX-HEX-GR8-128	1/2-13 Nut	1.15oz (0.032kg)

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL



Part #	Description	Weight
MT-HW-P-RP-0200-0016-0109	Roll Pin	3.0oz (0.085kg)



Part #	Description	Weight
MT-HW-P-AS-0300-0100-0106	1" Pin (Usable length: 1")	0.75lbs (0.34kg)



Part #	Description	Weight
MT-HW-P-CP-0448-0012-0110	Cotter Pin	3.0oz (0.085kg)



Part #	Description	Weight
MT-HW-SH-0025-0031-0184-ZIP-OQL	Oval Threaded Lock Quick Link Ring	0.075lbs (0.0340kg)



Part #	Size	Weight
MT-HW-HR-M-132-0125-0200-0538	6.38" x 3.5" (161.93mm x 88.9mm)	2.40lbs (1.08kg)



Part #	Size	Weight
MT-HW-HR-M-132-0125-0200-0538	5.38" x 3.5" (135.53mm x 88.9mm)	1.80lbs (0.82kg)



Part #	Size	Weight
MT-HW-HR-M-134-0150-0200-0538	6.38" x 3.5" (161.93mm x 88.9mm)	2.50lbs (1.13kg)

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Splice Bar

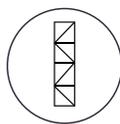


MT-HW-SB-000-128-04

Standard Material	A572 GR50 Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	2.10lbs (0.953kg)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



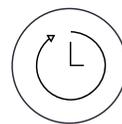
In Stock



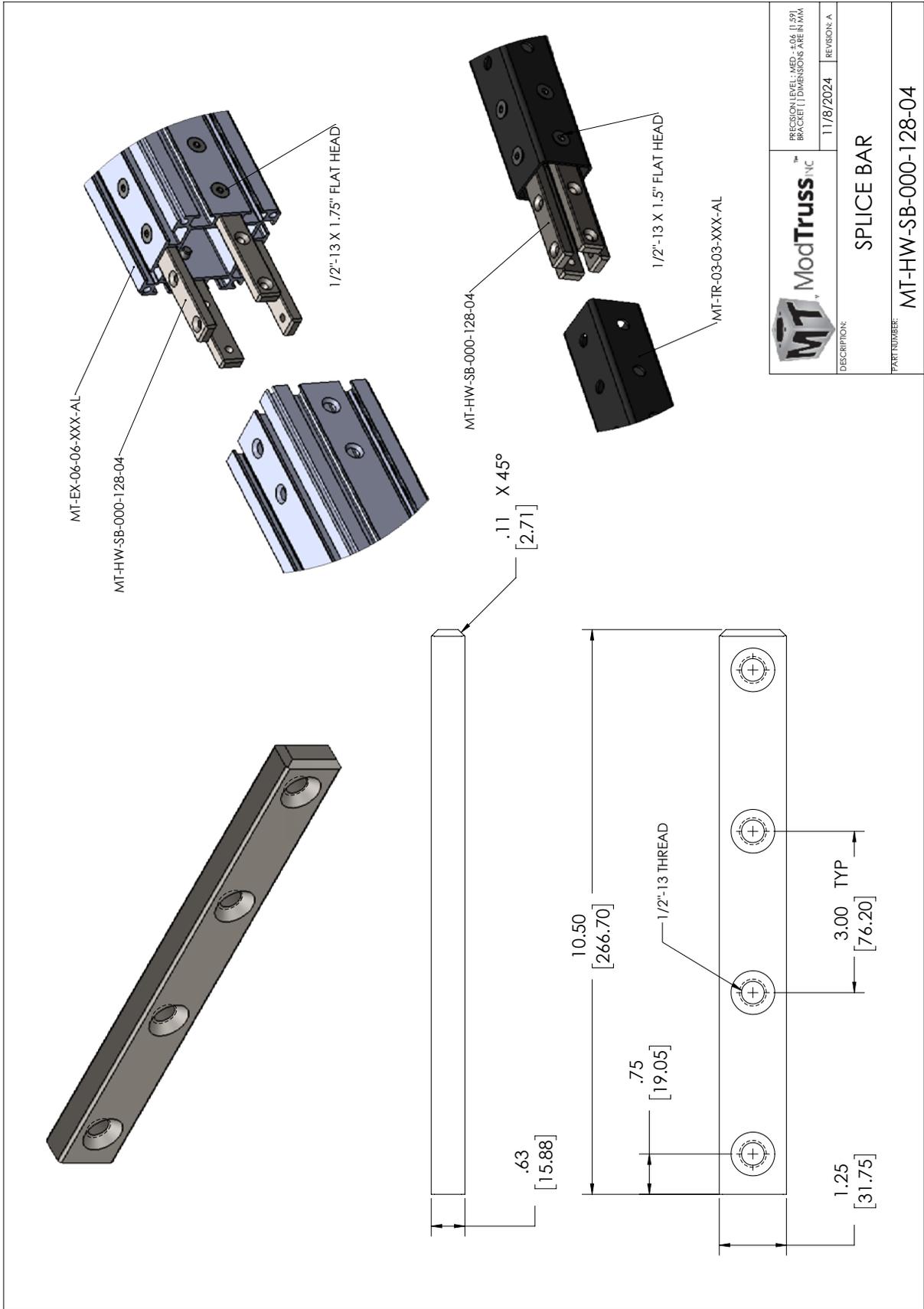
Compatible



Serialized &
Traceable



Made To
Order



	PRECISION LEVEL: MED - ±.06 (±.5%) BRACKET DIMENSIONS ARE IN MM
	REVISION: A 11/8/2024
DESCRIPTION: SPLICE BAR	
PART NUMBER: MT-HW-SB-000-128-04	

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HARDWARE

Nut Bars



MT-HW-NB-000-XXX-04



MT-HW-NB-000-XXX-03



MT-HW-NB-000-XXX-02



MT-HW-NB-000-XXX-01

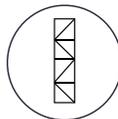
Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight*	Tread Available Size
MT-HW-NB-000-XXX-04 4 Hole Nut Bar	1.25" x 10.5" x 0.5" (31.75mm x 267.0mm x 12.70mm)	1.65lbs (0.75kg)	5/8" - 11 (132) 1/2" - 13 (128)
MT-HW-NB-000-XXX-03 3 Hole Nut Bar	1.25" x 7.5" x 0.5" (31.75mm x 190.5mm x 12.70 mm)	1.35lbs (0.61kg)	5/8" - 11 (132) 1/2" - 13 (128)
MT-HW-NB-000-XXX-02 2 Hole Nut Bar	1.25" x 4.5" x 0.5" (31.75mm x 114.30mm x 12.70mm)	0.70lbs (0.32kg)	5/8" - 11 (132) 1/2" - 13 (128)
MT-HW-NB-000-XXX-01 1 Hole Nut Bar	1.25" x 1.5" x 0.5" (31.75mm x 38.10mm x 12.70mm)	0.25lbs (0.11kg)	5/8" - 11 (132) 1/2" - 13 (128) 3/8" - 16 (124)

Weight will vary slightly per thread size



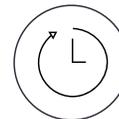
In Stock



Compatible



Serialized &
Traceable



Made To
Order

MT-HW-NB-000-XXX-04

MT-HW-NB-000-XXX-03

MT-HW-NB-000-XXX-02

MT-HW-NB-000-XXX-01

PART NUMBER	THREAD	NUMBER OF HOLES
MT-HW-NB-000-132-04	5/8"-11	4
MT-HW-NB-000-132-03	5/8"-11	3
MT-HW-NB-000-132-02	5/8"-11	2
MT-HW-NB-000-132-01	5/8"-11	1
MT-HW-NB-000-128-04	1/2"-13	4
MT-HW-NB-000-128-03	1/2"-13	3
MT-HW-NB-000-128-02	1/2"-13	2
MT-HW-NB-000-128-01	1/2"-13	1
MT-HW-NB-000-124-04	3/8"-16	4
MT-HW-NB-000-124-03	3/8"-16	3
MT-HW-NB-000-124-02	3/8"-16	2
MT-HW-NB-000-124-01	3/8"-16	1

PRECISION LEVEL: MED-±.06 (L39)
BRACKET DIMENSIONS ARE IN MM

REVISION: V1

11/8/2024

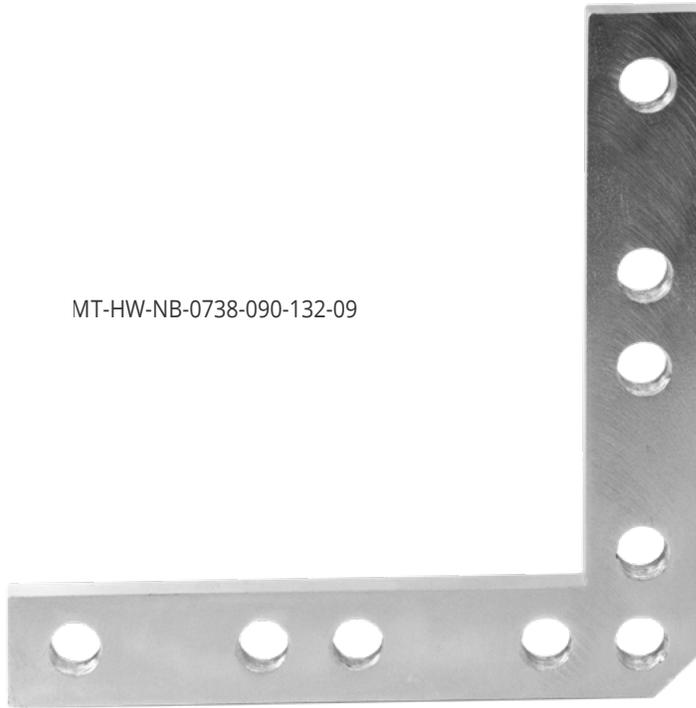
DESCRIPTION: NUT BARS

PART NUMBER: MT-HW-NB-000-XXX-XX

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Nut Bars - 90° Flat Angle

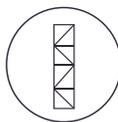
MT-HW-NB-0738-090-132-09



Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	1.95lbs (0.88kg)
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster



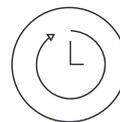
In Stock



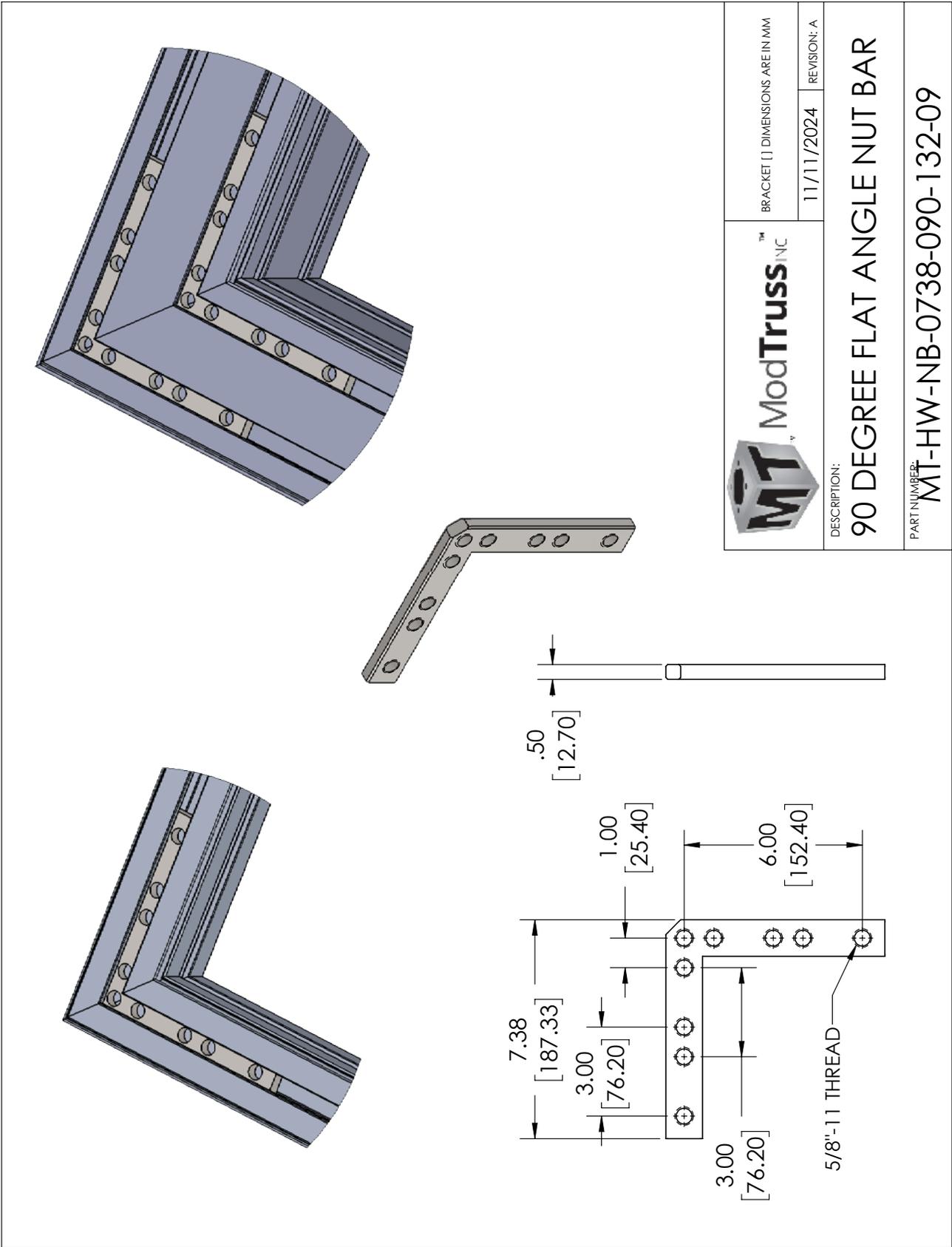
Compatible



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Traceable



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Order



BRACKET () DIMENSIONS ARE IN MM
11/11/2024 REVISION: A

DESCRIPTION:
90 DEGREE FLAT ANGLE NUT BAR

PART NUMBER:
MT-HW-NB-0738-090-132-09

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HARDWARE

Insert Nuts



MT-HW-IN-000-128-01



MT-HW-IN-000-124-01



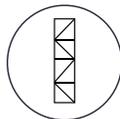
MT-HW-IN-000-132-01

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc
Size	1" x 1.5" x 0.5" (25.40mm x 38.10mm x 12.70mm)
Recommended Tools	Tool Kit 1

Part # Description	Weight	Hole Size
MT-HW-IN-000-132-01 5/8"-11 Insert Nut	0.15lbs (0.07kg)	5/8"-11 Threaded
MT-HW-IN-000-128-01 1/2"-13 Insert Nut	0.15lbs (0.07kg)	1/2"-13 Threaded
MT-HW-IN-000-124-01 3/8"-16 Insert Nut	0.20lbs (0.09kg)	3/8"-16 Threaded



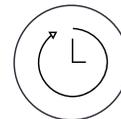
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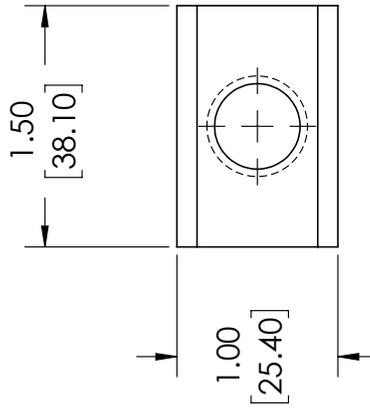
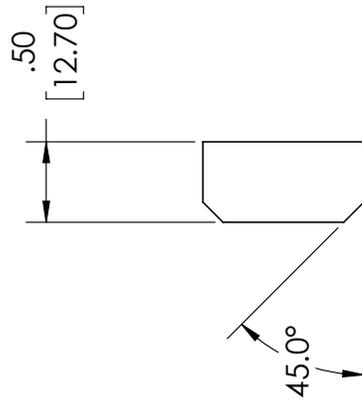
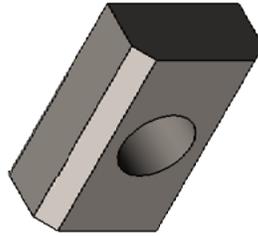
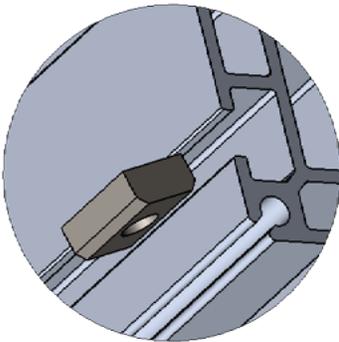
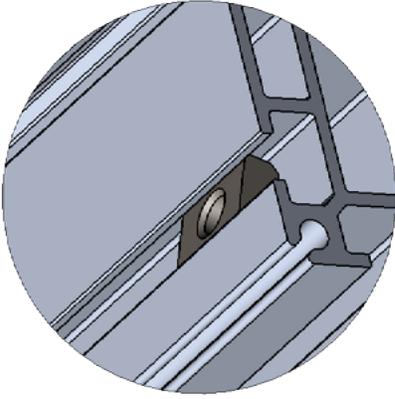
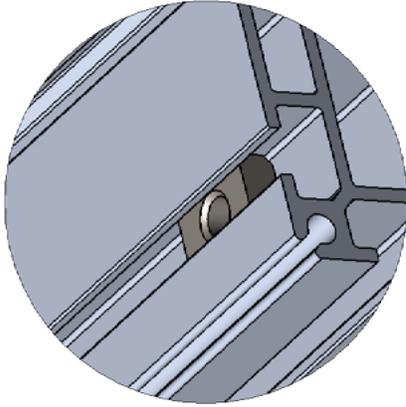
Compatible



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Order



	BRACKET DIMENSIONS ARE IN MM	
	11/11/2024	REVISION: A
DESCRIPTION: INSERT NUT		
PART NUMBER: MT-HW-IN-000-XXX-01		

PART NUMBER	THREAD
MT-HW-IN-000-132-01	5/8"-11
MT-HW-IN-000-128-01	1/2"-13
MT-HW-IN-000-124-01	3/8"-16

HARDWARE	
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3" Extrusion Blind Connector Assembly

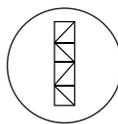


MT-HW-BC-03-03-AS

Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc
Size	3.37" x 3.13" x 0.5" (85.7mm x 79.4mm x 12.70mm)
Weight	1.30lbs (0.59kg)
Hole Size	5/8"-11 Threaded
Recommended Tools	6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



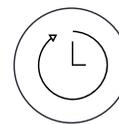
In Stock



Compatible

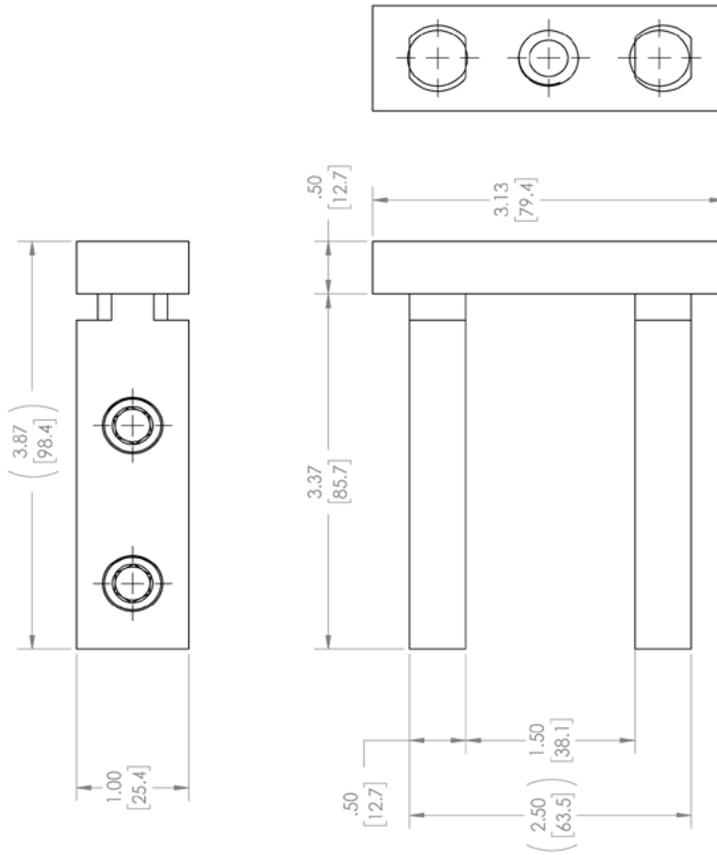
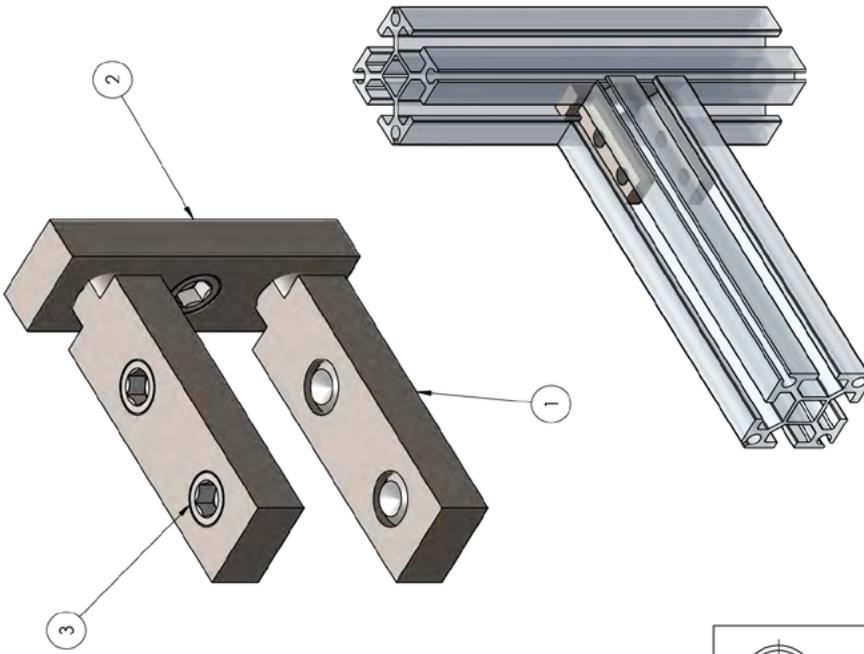


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Order

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MT-HW-BC-B-0308-002-132	EXTRUSION 5/8-11 THREAD BLIND CONNECTOR (2) FEMALE (1) MALE	2
2	MT-HW-BC-F-0308-003-132	EXTRUSION 5/8-11 THREAD BLIND CONNECTOR (3) FEMALE	1
3	MT-HW-SC-SHS-ALN-20-00-0108-132-0032	SOCKET HEAD SET SCREW CUP POINT 5/8-11 X 1/2 LG	5



PRECISION LEVEL: MED - ±.06 [1.57]
BRACKET [] DIMENSIONS ARE IN MM

REVISION NR: 3/8/2018

DESCRIPTION: 3IN. EXTRUSION BLIND CONNECTOR ASSEMBLY

PART NUMBER: MT-HW-BC-03-03-AS

HARDWARE

- TR
- EX
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- JH
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- HG
- MO
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- AC
- HW
- TK
- MH
- FT
- GL

Extrusion Keder Track Alignment Pin

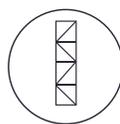


MT-HW-PN-DL-KD-1050-0600

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	0.20lbs (0.0907kg)



In Stock



Compatible



Serialized & Traceable



Made To Order

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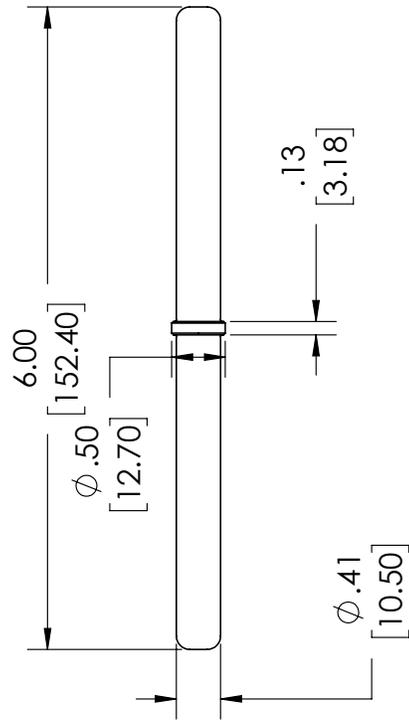
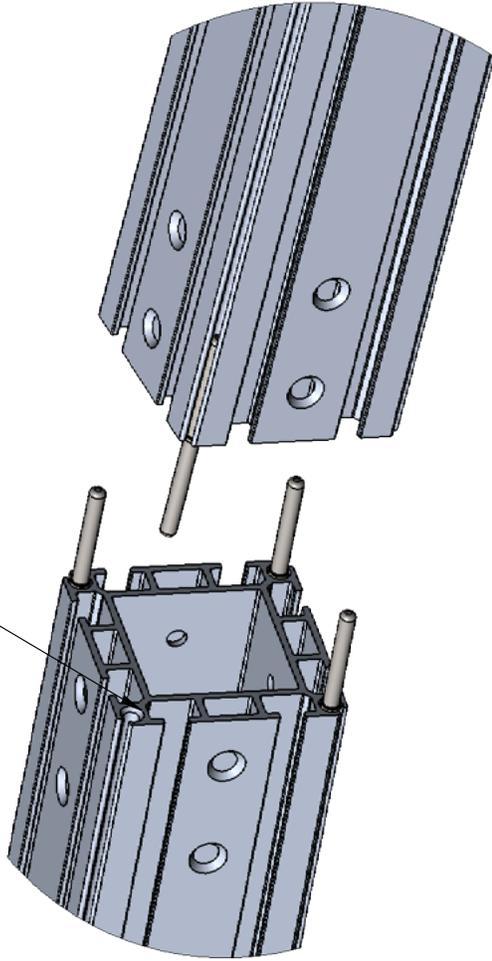
MH

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GL

EXTRUSION KEDER TRACK ALIGNMENT PIN CAN BE USED WITH THE FOLLOWING MODTRUSS EXTRUSION SERIES.
 3"X3" T TRACK
 6"X6" T TRACK
 6"X12" T TRACK

COUNTERSINK KEDER TRACK 4X FOR KEDER DOWL PINS



BRACKET () DIMENSIONS ARE IN MM

7/17/2025

REVISION: A

DESCRIPTION: EXTRUSION KEDER TRACK ALIGNMENT PIN

PART NUMBER: MT-HW-PN-DL-KD-1050-0600

- TR
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- MO
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- HW**
- TK
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TOOLS

TOOLS

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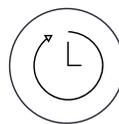
ModTruss Tool Kit 1 (SAE - Standard)



Part # Description	Description
MT-TK-WB-12-07-08	(1) - ModTruss 12" Work Bag
MT-TK-CW-10-0-SAE	(1) - 15/16" Combination Wrench (Halved) 12" Length
MT-TK-SW-10-0-SAE	(1) - 15/16" Spud Wrench 14 3/4" Length
MT-TK-BP-00-0-UNI	(1) - Broad-Head Bull Pin 1 1/16" Length
MT-TK-RT-00-2-UNI	(1) - 1/2" Drive Quick Release Oval Head Ratchet 7.5" Length
MT-TK-EX-00-2-UNI	(1) - 1/2" Drive Extension 10" Length
MT-TK-SS-10-2-SAE	(1) - 15/16" Standard Socket, 12-Point (1/2" Drive)
MT-TK-DS-10-2-SAE	(1) - 15/16" Deep Socket, 12-Point (1/2" Drive)
MT-TK-UJ-00-2-UNI	(1) - 1/2" Drive Universal Joint


In Stock

Compatible*

**Serialized &
Traceable**

**Made To
Order**



ModTruss 12" Work Bag | MT-TK-WB-12-07-08
 Material: Durable fabric and heavy duty webbing handles with leather reinforcements
 Color: Brown Duck
 Size: 12" x 7" x 8"



15/16" Combination Wrench (Halved) | MT-TK-CW-10-0-SAE
 Material: Heat treated chrome vanadium steel
 Finish: Chrome plated mirror polish
 Size: 15/16" (2.5" x 15" x 1")
 Size: 12" x 7" x 8"



15/16" Spud Wrench | MT-TK-SW-10-0-SAE
 Material: Heat treated steel
 Finish: Black-Oxide
 Size: Bolt Size: 5/8"
 Top Diameter: 2-1/4"
 Point Diameter: 7/8" to 3/16"
 Length: 14-3/4"



1-1/16" Broad-Head Bull Pin | MT-TK-BP-00-0-UNI
 Material: Heat treated steel
 Finish: Black-Oxide
 Size: Top Diameter: 1-1/16"
 Point Diameter: 1/4"
 Length: 10"



1/2" Drive Quick Release Oval Head Ratchet | MT-TK-RT-00-2-UNI
 Material: Heat treated chrome vanadium steel
 Finish: Chrome plated mirror polish
 Size: Handle 7.5" Long (2.3" x 11.5" x 1.5")



1/2" Drive Extension | MT-TK-EX-00-2-UNI
 Material: Heat treated chrome vanadium steel
 Finish: Chrome plated
 Size: 10" Long (1.75" x 12.25" x .75")

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15/16" Deep Socket, 12-Point (1/2" Drive) | MT-TK-DS-10-2-SAE

Material: Heat treated chrome vanadium steel
 Finish: Chrome plated
 Size: 15/16" (1.75" x 5.5" x 1.25")



15/16" Standard Socket, 12-Point (1/2" Drive) | MT-TK-SS-10-2-SAE

Material: Heat treated chrome vanadium steel
 Finish: Chrome plated mirror polish
 Size: 15/16" (2.5" x 15" x 1")
 Size: 12" x 7" x 8"



3/4" Combination Wrench | MT-TK-CW-07-0-SAE

Material: Heat treated chrome vanadium steel
 Finish: Chrome plated mirror polish
 Size: 3/4" (9.5" x 1.5" x .5")



6 Hex Key Wrench Cluster | MT-TK-HX-00-0-SAE

Material: Alloy Steel and Plastic Handle
 Hex Key Sizes Included:
 5/32" | 3/16" | 7/32" | 1/4" | 5/16" | 3/8"
 Overall Size: 5.5" x 1.75" x 1.5"



1/2" Drive Universal Joint | MT-TK-UJ-00-2-UNI

Material: Chrome vanadium alloy steel
 Finish: Nickel-chrome plated
 Size: 1/2" (5.25" x 1.75" x 1")

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MATERIAL HANDLING

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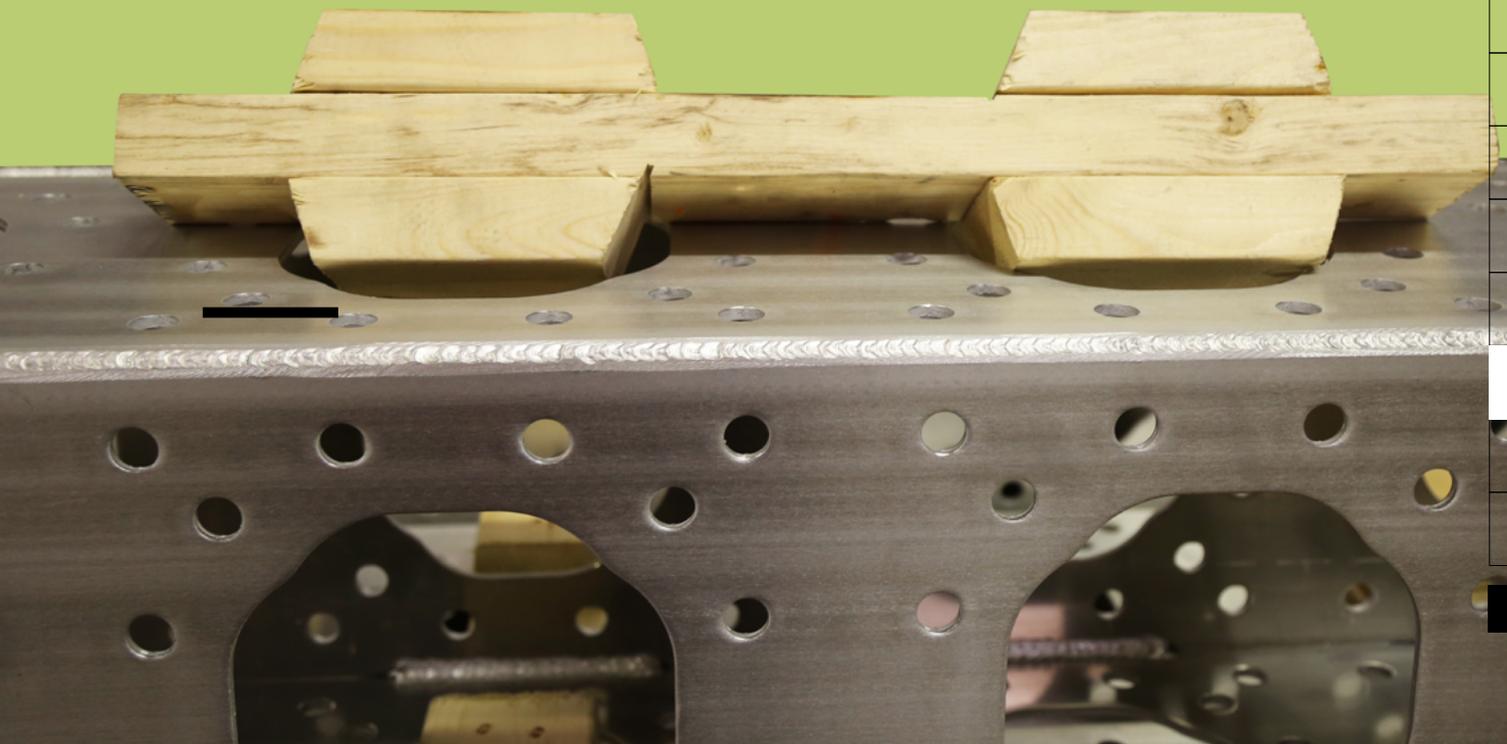
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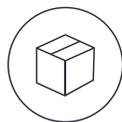


Truss Dolly (12" Truss Series)

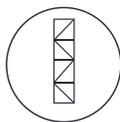


MT-MH-TD-24-24-12

Standard Material	A36 Low Carbon Steel
Standard Finish	20- Powder Coated Semi-Gloss Black
Available Finish(es)	20-33 Powder Coated
Size	24" x 24" x 11.5" (254mm x 254mm x 292.1mm)



In Stock



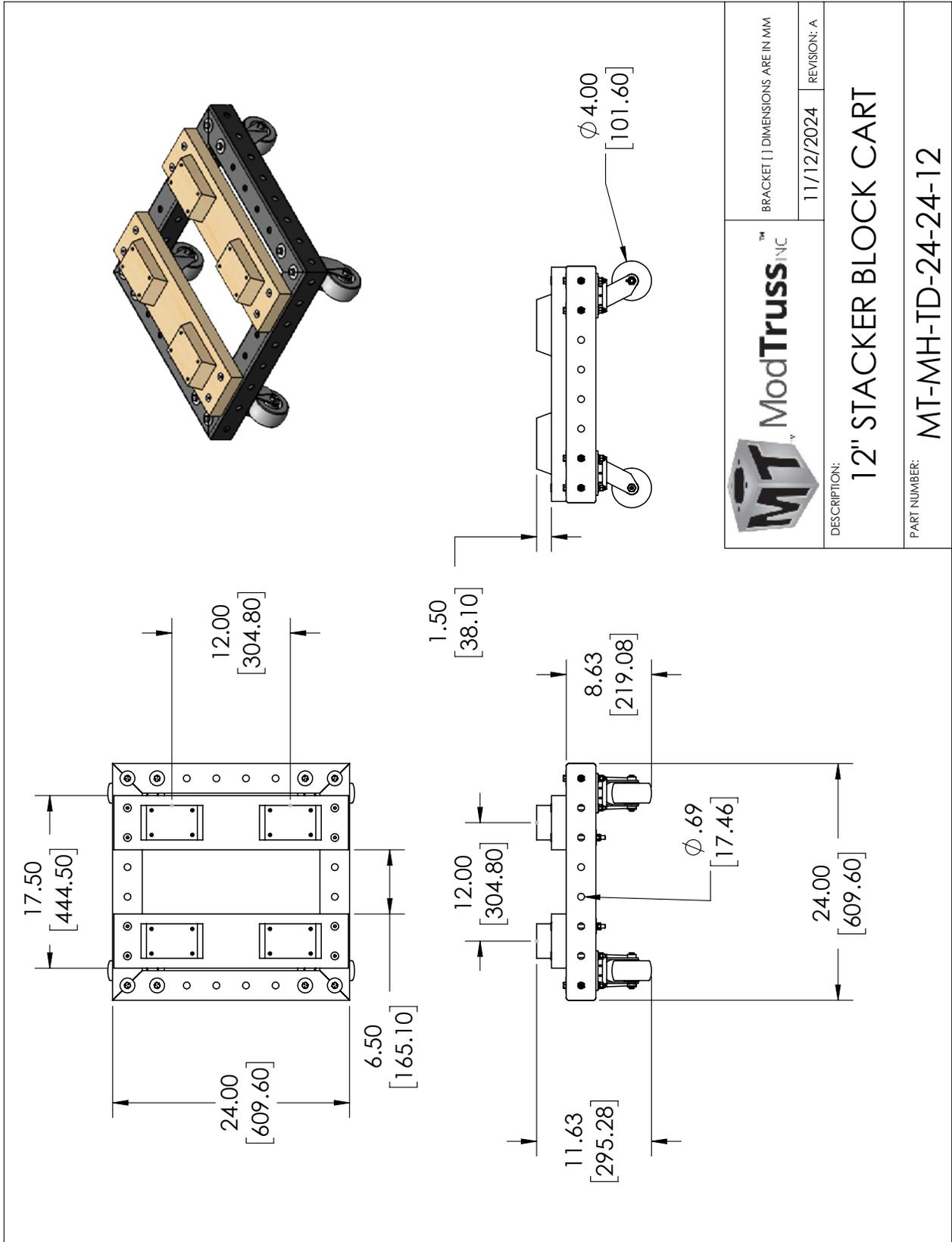
Compatible



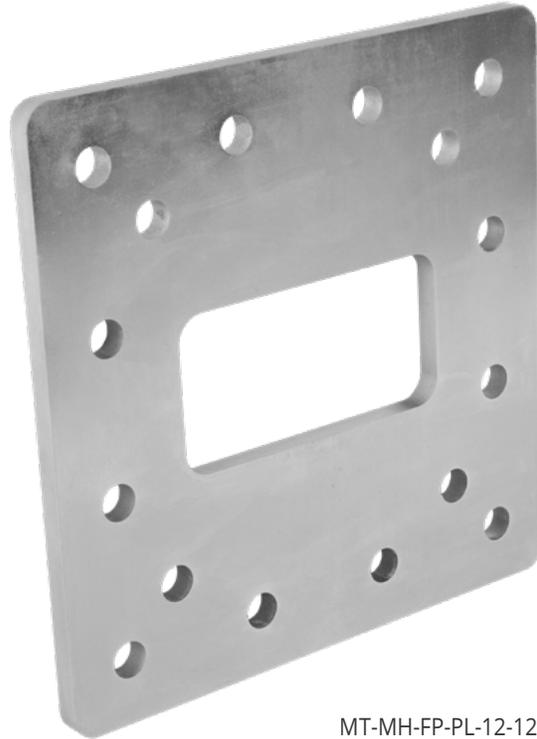
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Traceable



Made To
Order



Forklift Plate



MT-MH-FP-PL-12-12-0050

Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-33 Powder Coated
Weight	5.05lbs (6.82kgs)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2.5" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 64mm Long, Class 10.9 Bolt M16, Class 10.9 Washer M16 x 2 Thread, Class 10.9 Nut)
Recommended Tools	Tool Kit 1



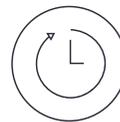
In Stock



Compatible



Serialized &
Traceable



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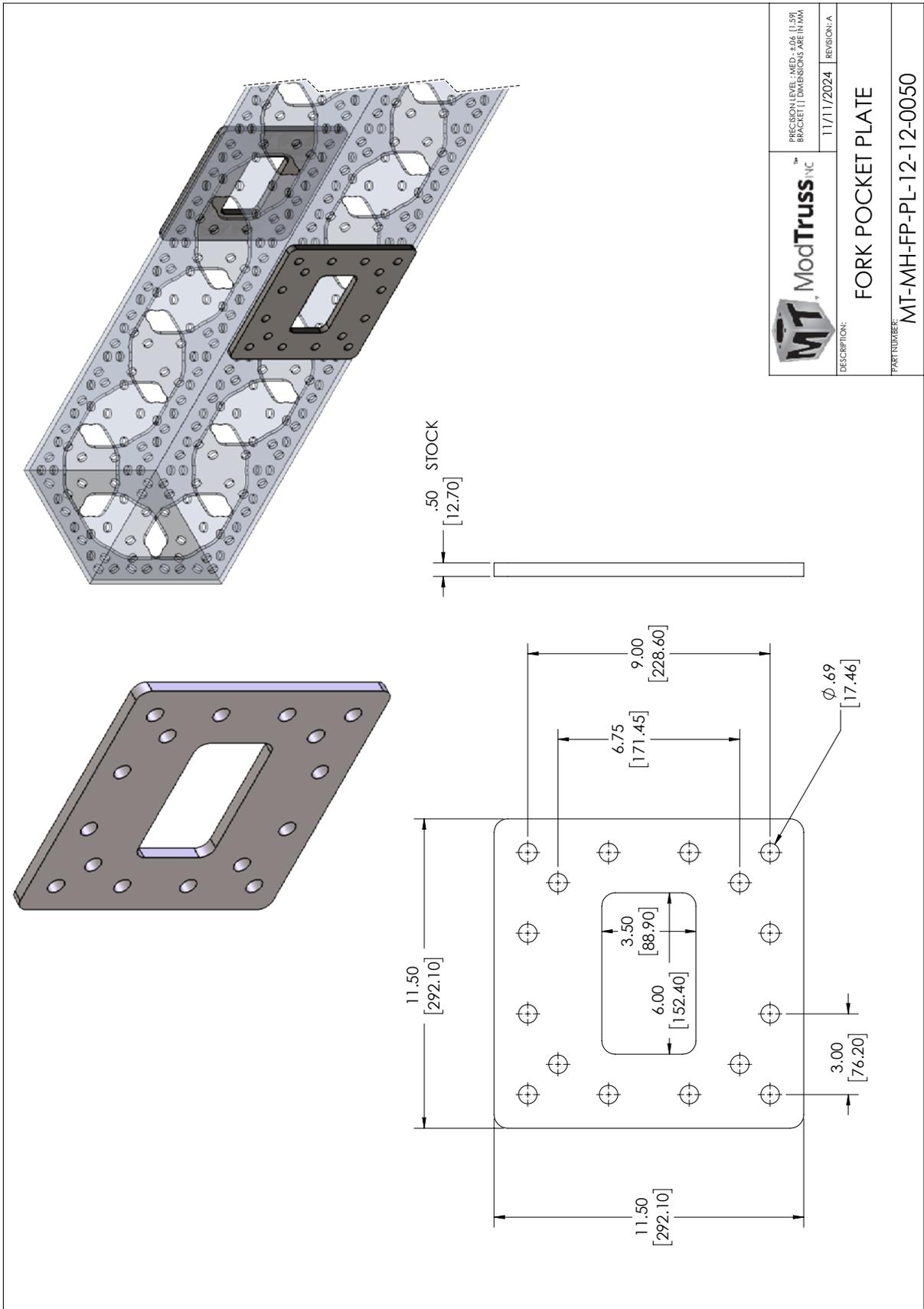
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	PRECISION LEVEL: MED-±.06 [-1.59] BRACKET DIMENSIONS ARE IN MM
	11/11/2024 REVISION: A
DESCRIPTION: FORK POCKET PLATE	
PART NUMBER: MT-MH-FP-PL-12-12-0050	

MATERIAL HANDLING
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FILM TOOLS

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Mitchell Mount



MT-AS-FG-MM-07-0275-UN_02



MT-AS-FG-MM-07-0275-UN_03

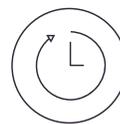
Standard Material	5052 - H32 Aluminum
Standard Finish	51- Anodized Black
Available Finish(es)	20-30 Powder Coated
Weight	With 6" Plate 5.90lbs (2.67kg) With 12" Plate 9.65lbs (4.38kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See Mod Truss Connection Guide
Recommended Tools	Tool Kit 1



In Stock

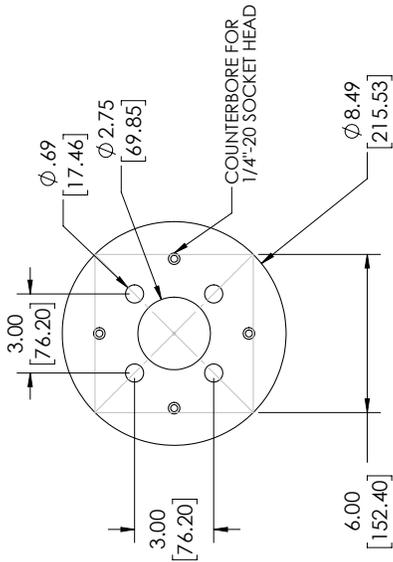


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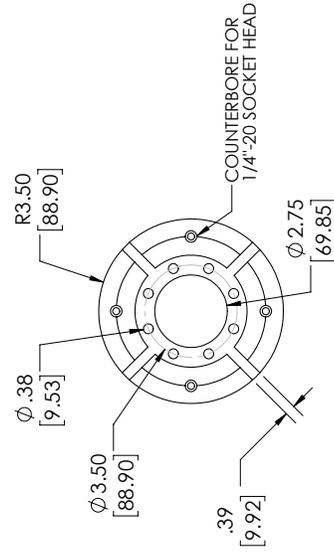

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Traceable

 Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-FG-MM-07-0275-UN_01	MITCHELL MOUNT PLATE	1
MT-FG-MM-07-0275-UN_04	ALUMINUM STANDOFF	4
MT-AS-FG-MM-07-0275-UN_03	12" TRUSS MOUNTING PLATE	1
MT-AS-FG-MM-07-0275-UN_02	6" TRUSS MOUNTING PLATE	1
1/4"-20 X 1.5" FULLY THREADED SOCKET HEAD CAP SCREW	STAINLESS STEEL SOCKET HEAD	8

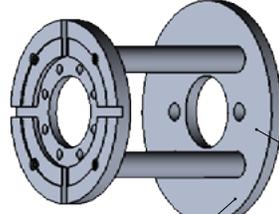
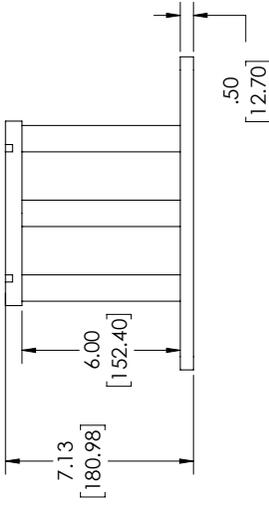
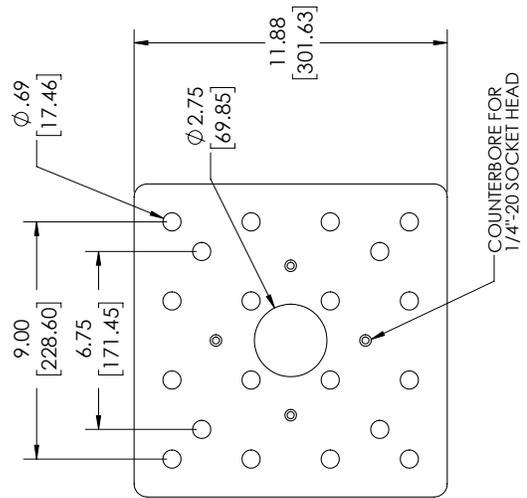
MT-AS-FG-MM-07-0275-UN_02



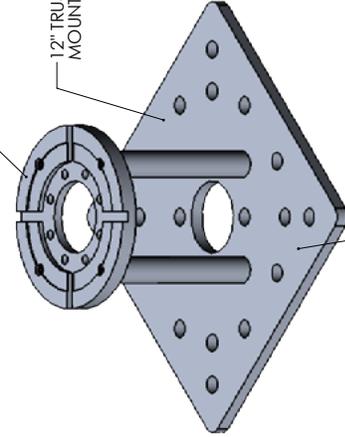
MT-AS-FG-MM-07-0275-UN_01



MT-AS-FG-MM-07-0275-UN_03



MT-FG-MM-07-0275-UN_01



MT-FG-MM-07-0275-UN_03

MT-FG-MM-07-0275-UN_02



PRECISION LEVEL: MED. ±.06 [1.52]
BRACKET DIMENSIONS ARE IN MM

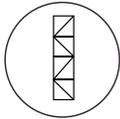
7/22/2024

REVISION: A

DESCRIPTION:
TRUSS COMPATIBLE MITCHELL MOUNT

PART NUMBER:
MT-AS-FG-MM-07-0275-UN

GLOSSARY



Compatible

The presence of this icon indicates that the Mod**Truss** product is compatible in one foot increments with 12" entertainment tubular truss. The Mod**Truss** hole pattern aligns with Entertainment industry 12" plated tubular truss end plates that have a 6 3/4" square pattern for a 5/8" bolt.

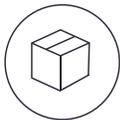
- Mod**Truss** can only certify the load value of the Mod**Truss** product line.
- *Where asterisk is present next to model number, the product is not compatible with 12" entertainment tubular truss.



Serialized & Traceable

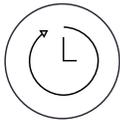
The presence of this icon indicates that Mod**Truss** considers it a traceable item. This is to include documentation of manufacturing process, material traceability, coating process and unique serialization.

*This report can be supplied at time of purchase for an additional fee.



In Stock

The presence of this icon indicates that this product is typically available and ready to ship or available via will call.



Made to Order

The presence of this icon indicates that this product is manufactured upon order. Please anticipate a longer lead time.

Standard Material: Unless otherwise specified, products will be made from the material listed.

Standard Finishes: Unless otherwise specified, products will be made from standard finish listed. The finish may or may not include a protective coating.

Available Finishes: Alternate finishes or coatings that the product can be ordered in. Additional charges may apply.

Size: Typically referring to the outer dimensions of a product. First listed in inches and second (within parentheses) in millimeters. Commonly referenced in height, width and length order.

Weight: The weight of actual product on a certified scale. Please allow fluctuation of +/- 5% weight.

Bolt Size: Typical fastener hole size for clearance fit of 5/8" bolt or M16 bolt.

Recommended Hardware: Hardware listed is used in common configurations and typical engineering requirements.

Recommended Tools: Associated tools needed for ease of assembly with recommended hardware.

Associated Products: Most common Mod**Truss** products utilized with this component.

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AVAILABLE FINISHES

Non-coated



01 - Brush Finish
Outside Only.
Aluminum Products
Only



02 - No Finish
Mill Scale.
Bare Metal



03 - Tumbled &
Deburred Bare
Material. No
Protection



04 - Acid Washed
Dull Etched.
No Protection



05 - Sand or Bead
Blasted Bare Metal.
No Protection

Zinc



10 - Zinc Clear



11 - Zinc Gold/
Yellow



12 - Zinc Black

Powder Coating



20 - Semi-Gloss
Black



21 - Flat Black



22 - Fine Texture
Flat Black



23 - Light Gray



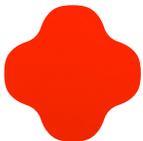
24 - Gray Anti Slip



25 - Silver



26 - Neon "Gorilla"
Green



27 - Gloss Orange



28 - Gloss Yellow



29 - Gloss White



30 - Client
Requested Color

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Anodized



50 - Anodized Clear



51 - Anodized Black

E-Coat

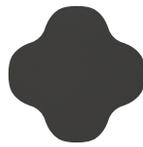


60 - E-Coat Black

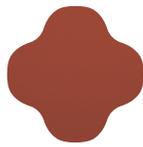
Primer



70 - Primer Grey



71 - Primer Black



72 - Primer Red

Paint - Wet - Applied



80 - Spray Flat Black



81 - Spray Semi



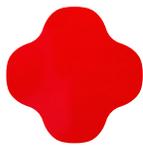
82 - Spray Gloss Black



83 - Spray Gloss Gray



84 - Spray Gloss Yellow



85 - Spray Gloss Red



86 - Spray Gloss Blue



95 - Enamel Satin Black



96 - Enamel Gloss Yellow

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POLICIES | PRODUCT GUARANTEE

ModTruss Inc. guarantees its products will be free from workmanship defects at time of purchase. All products are welded by certified welders. Products should be inspected by customer upon receipt. Any defects should be immediately reported to ModTruss Inc. within 24 hour period and product should be removed from service.

The product will be guaranteed for a period of one year from date of shipment, to perform according to the product's published specifications providing the purchaser follows ModTruss guidelines for use.

ModTruss Inc. is not responsible for:

- Damage to the product during transit
- Damage to the product where load parameters were exceeded.
- Damage to the product where guidelines for use, handling, or storage were not followed.
- Normal wear and tear of product.
- Any expenses or liability that are a result of removing products from service.

This includes but is not limited to:

- Cutting.
- Drilling of additional holes.
- Welding (of additional items to; or to self repair).
- Painting or other means of permanent coverings.

All alterations immediately void any guarantee, engineering and warranty.

ModTruss Inc. can not be held responsible or liable for damage, loss, or delay in transit.

ModTruss products are NOT to be altered in any way.

INSPECTION INFORMATION

For your safety and the safety of others

Item #	Description	Inspect For	Remove From Service If
1	Welds	<ul style="list-style-type: none"> • Cracked welds • Missing welds • Separated welds 	<ul style="list-style-type: none"> • Any cracked weld • Any separated weld • Any missing welds
2	Holes/Clover	<ul style="list-style-type: none"> • Enlarged holes • Deformed holes • Cracks around holes • Cracks 	<ul style="list-style-type: none"> • Bolt holes exceed 13/16" in DIA • Cracks around holes exceed 1/8" • Any viable crack between a bolt hole and clover or between two bolt holes • Holes are deformed outward or inward 1/8" from side plate or end plate
3	ModTruss General	<ul style="list-style-type: none"> • Bowing • Twisting • Warping 	<ul style="list-style-type: none"> • If deflection in truss while unloaded is >1/8" in any axis • If ModTruss is twisted >5° • If more than 1/16" difference between two diagonal measurements in a 10' span
4	ModTruss Side & End Plates	<ul style="list-style-type: none"> • Gouges • Deformation • Damage 	<ul style="list-style-type: none"> • Gouges greater than the 6" in length that are 1/4 of the material thickness deep • Gouges of any length that are greater than 1/4 of the material thickness deep • All punctures • Bent, crushed, deformed End or Side Plates
All products should be inspected prior to each use. Structures should be inspected annually. Documentation specific to the serial number should be kept on file for the duration of the products lifespan.			Mark all products "Removed from Service" as such

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GENERAL USE

Handling & Storage

The entire Mod**Truss** product line is designed for many years of dependable use if handled and stored properly and used within its load parameters.

DO NOT:

- DROP truss as this can cause deformation of truss
- DRAG truss across one another as this will cause gouges, scratches, shave off aluminum/steel over time
- DRILL additional holes into truss or alter in any way
- OVERLOAD truss or accessories

When storing truss horizontally, it is advisable to stack truss with spacers between layers.

Assembly of Mod**Truss** and accessories should be done by competent personnel who are familiar with the use and assembly of truss structures.

Be sure to have enough labor/proper material handling equipment when loading and unloading truss and accessories to avoid injury.

Environmental Hazards

Additional engineering consideration for the following situations will need to be conducted on a case-by-case basis.

- Temperature ranges above 105 degrees Fahrenheit and below 32 degrees Fahrenheit
- High seismic zones
- Live load conditions
- Corrosive environments
- Proximal distance to RF emitter
- Moving or mobile structures

De-gloving

Holes and clovers may contain sharp edges. Extreme caution should be taken. Holes should be plugged or covered in any environment where the general public and especially children could be exposed to this risk.

LOAD TABLES ARE BASED ON END-TO-END, HORIZONTAL CONNECTIONS OF TRUSS ONLY

Specific engineering calculations need to be completed for each individual structure that the Mod**Truss** line is part of to demonstrate load capacities are not being exceeded.

Engineering drawings shall include loading conditions, dimensions, components, connections, fastener types and specifications, material types and sub-assemblies.

The geographic location and local building codes may have additional criteria that may need to be considered and represented in engineering analysis and documentation.

The following instructions are the guidelines for general connections to achieve the load ratings for both the 12" and 6" Mod**Truss** series and the supporting Mod**Truss** products.

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PHOTO CREDITS

We would like to sincerely thank all of the great ModTruss users that provide us with outstanding images of their projects.

Aaron Wharton	www.aaronwharton.com
Absen	www.absen.com
Airbus	www.airbus.com
American Airlines	www.aa.com
Aspire MRO	www.aspiremro.com
BNW Rigging Inc	www.bnwrigging.com
Boeing	www.boeing.com
CDI Control Dynamics	
C&C Studios	www.ccstudioservices.com
Echafaud Plus	www.echafaudsplus.com
Embraer	www.embraer.com
ENSA North America	www.ensa-northamerica.com
Event Group Hawaii Inc.	
Filmwerks International	www.filmwerks.com
Harley Davidson	www.harley-davidson.com
Image Engineering	
K Nation Entertainment	
KonesCrane	www.konecranes.com
Ledgendary Inc	www.legendary.com
Mats Bäcker	www.MatsBacker.com
Mammoth Freighters	www.mammoth777.com
Maryland Productions	www.marylandproductions.com
Modcon AB	www.mod-con.se
Mod_Division	www.moddivision.io
Nationwide Video	www.nationwidevideo.com
Noel Lesley	www.noellesley.com
Performance Rigging Solutions	www.performanceriggingsolutions.com
PRG	www.prg.com
Ralph Larmann	www.larmann.com
Senovva	www.senovva.com
Sheridan College	www.sheridancollege.ca
Showfab	www.showfab.com
Sosonic Madison	
Spartan Race	www.spartanrace.com
Triple E Ltd	www.triplee.ltd
True Movement Tech	www.truemovement.tech



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✉ info@ModTruss.com

🕒 MON-FRI 8:00 a.m. - 5:00 p.m. CT

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Stockholm, Sweden

☎ +46 705209909

✉ infoeu@ModTruss.com

🕒 MON-FRI 8:00 a.m - 6:00 p.m CET

A person with long dark hair, wearing a red dress, is captured in a dynamic dance pose on a dark stage. They are positioned in front of a large, illuminated wall made of many small, bright blue and white lights, creating a starry night sky effect. The wall is framed by a dark border with circular patterns. The overall scene is dimly lit, with the primary light source being the wall behind the dancer.

**"AS LIMITLESS AS
YOUR IMAGINATION"**

ModTruss[®]