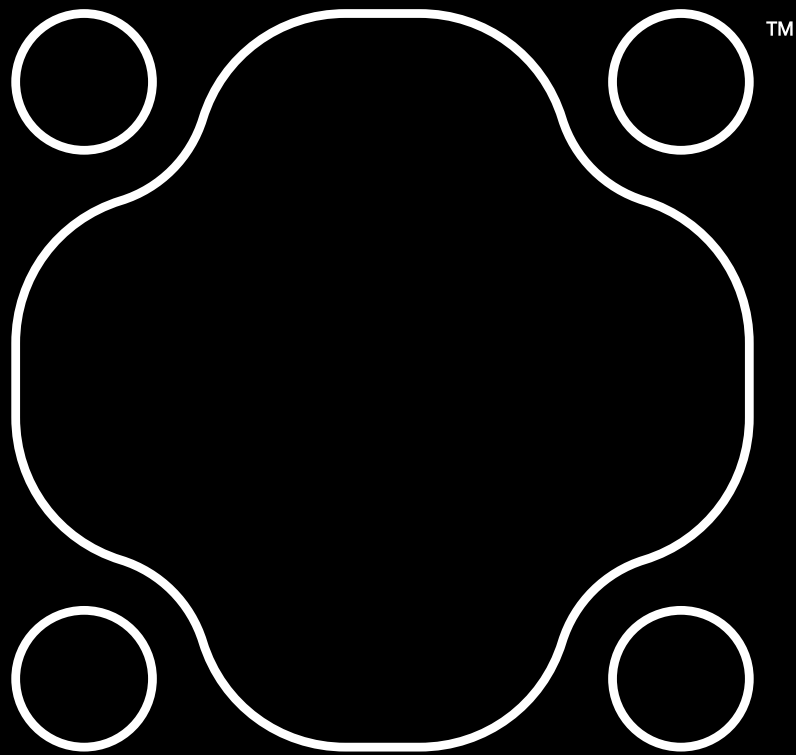




ModTruss[®]

2025-2

ModTruss®

Modular Building Components

UNITED BY MUSIC

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

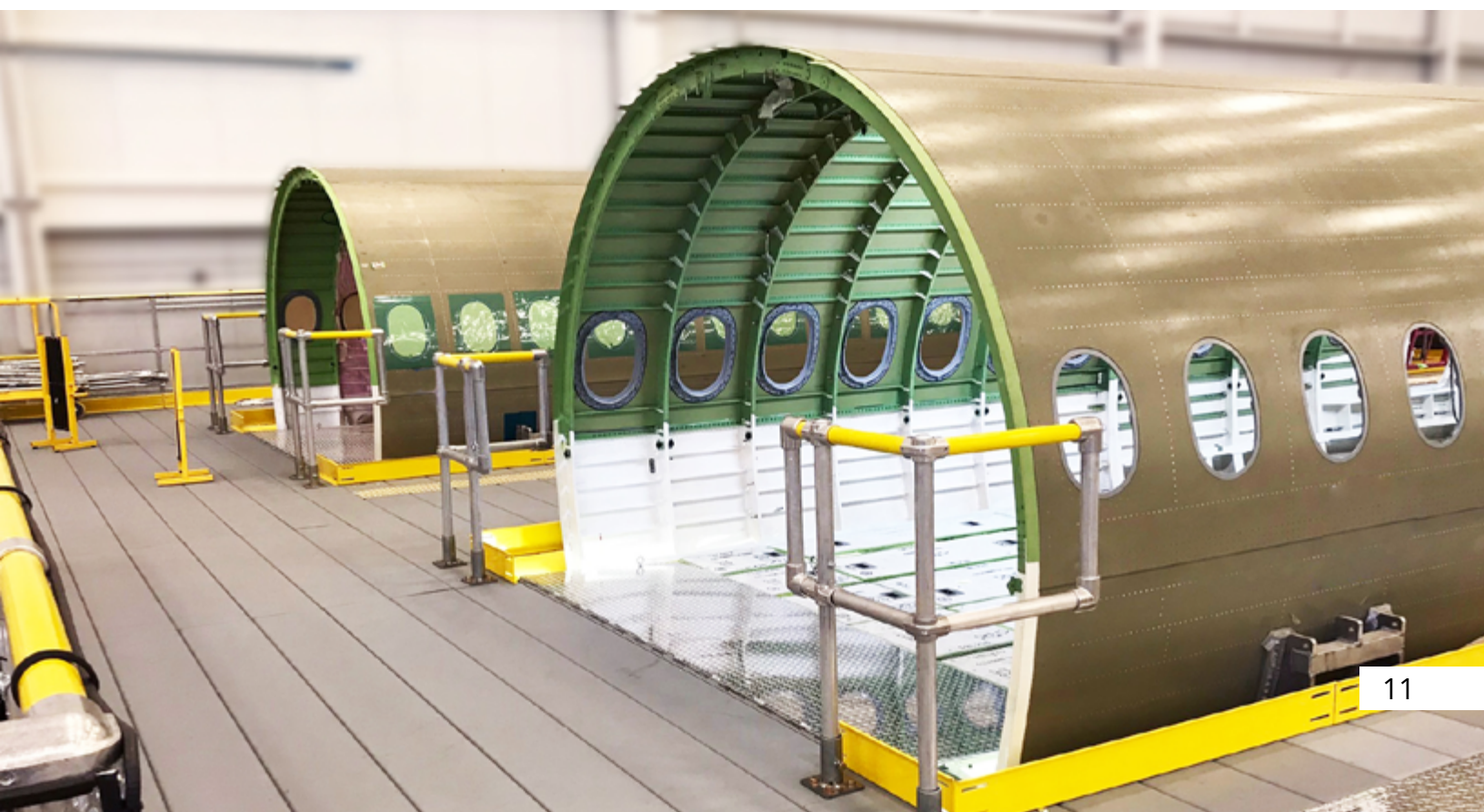
Designing and constructing with Mod**Truss** has demonstrated a significant return on investment for Maintenance, Repair, and Overhaul (MRO) companies and manufacturers in the Aerospace industry. Modular, reconfigurable solutions include access platforms, nose docks, tail docks, tooling, and more.

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.







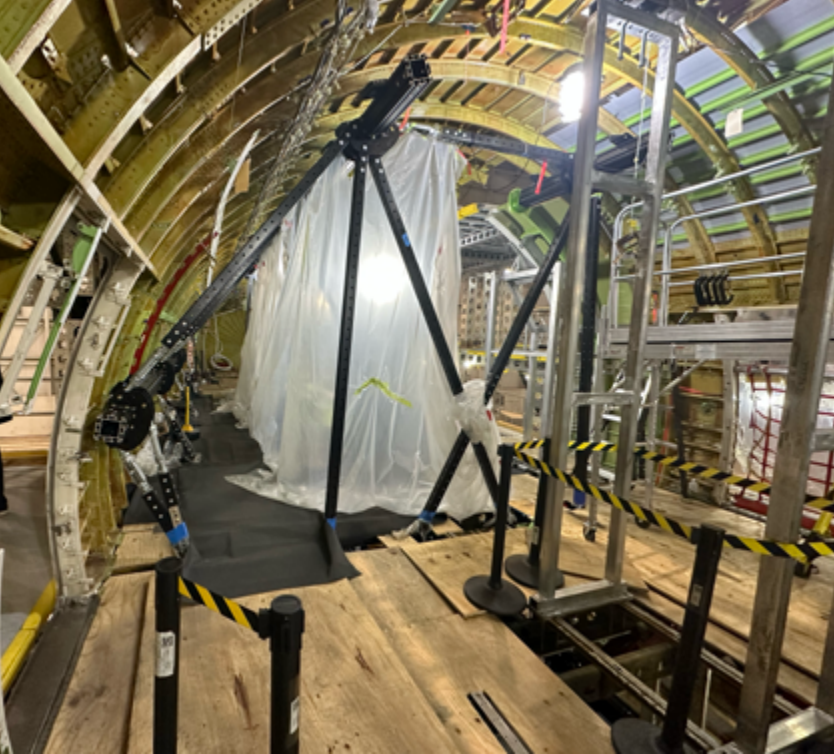


Aircraft Shoring

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

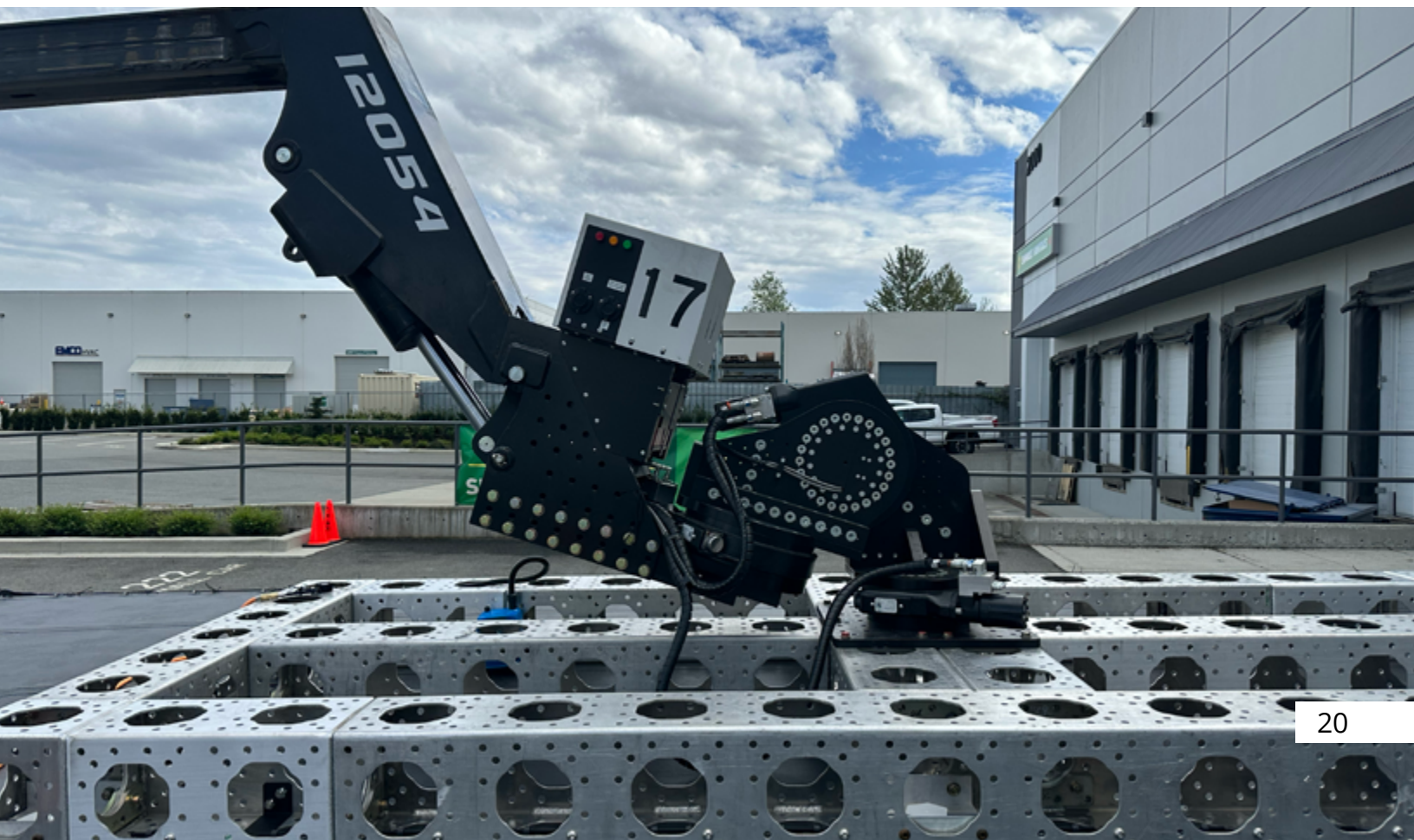
The Film, Grip, and Special Effects markets continually face unique and challenging rigging and access applications.

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







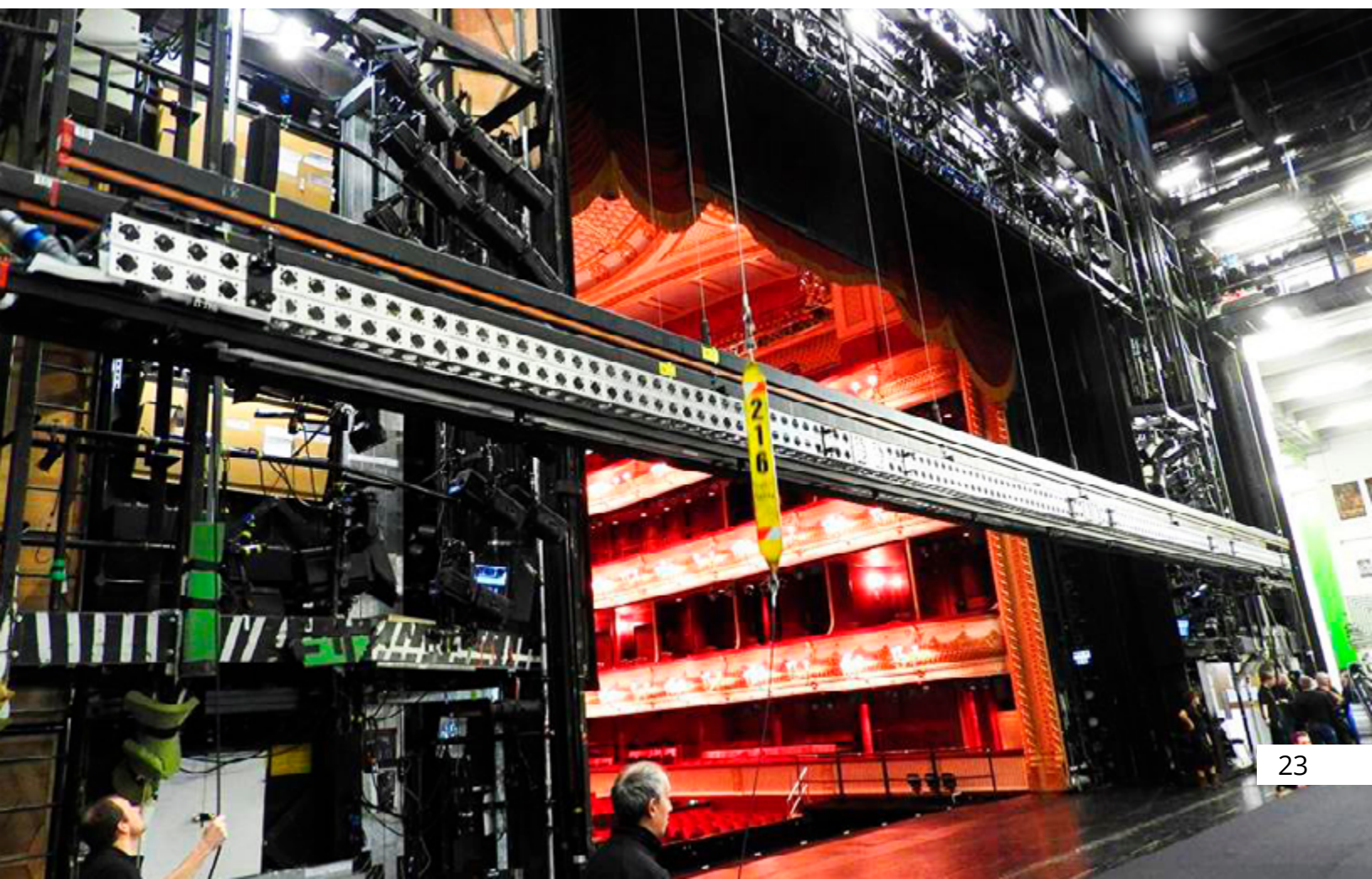


Theater & Scenic

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.

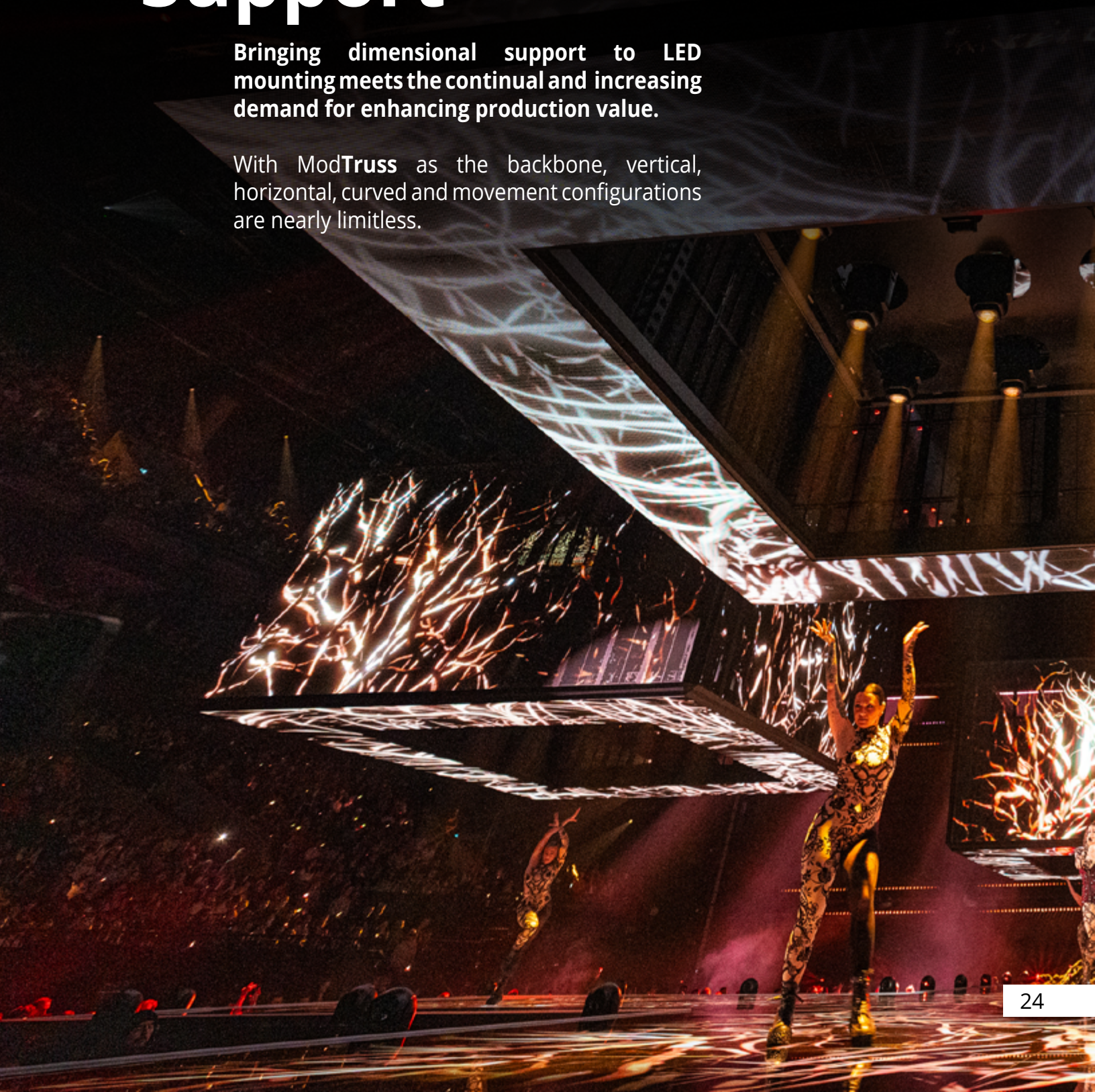


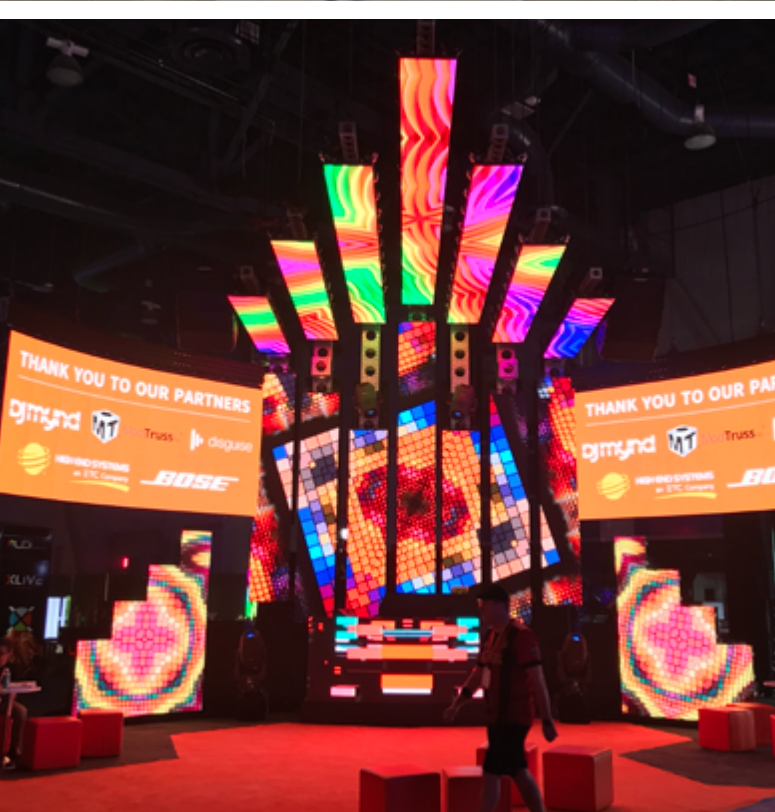
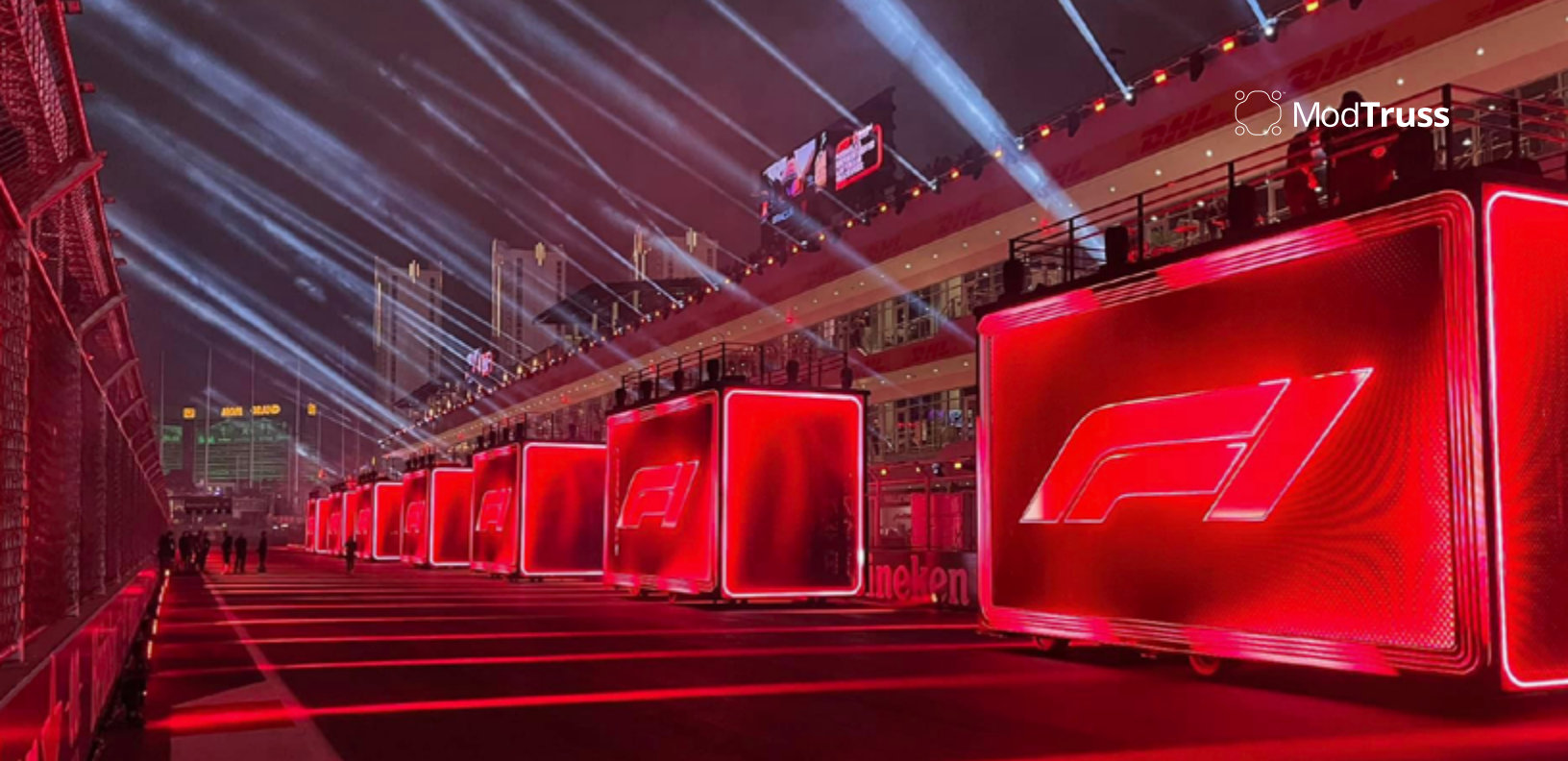


LED Walls Support

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!





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.





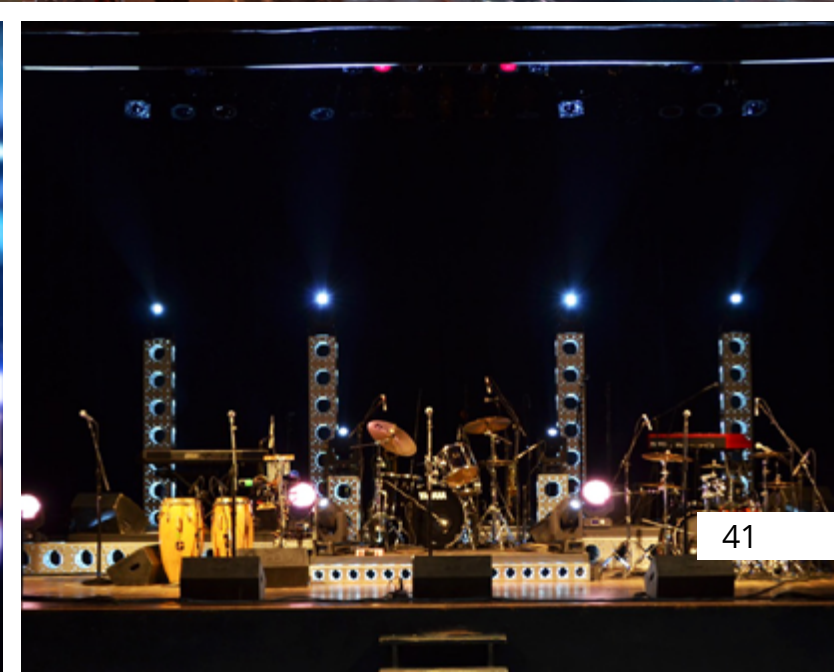
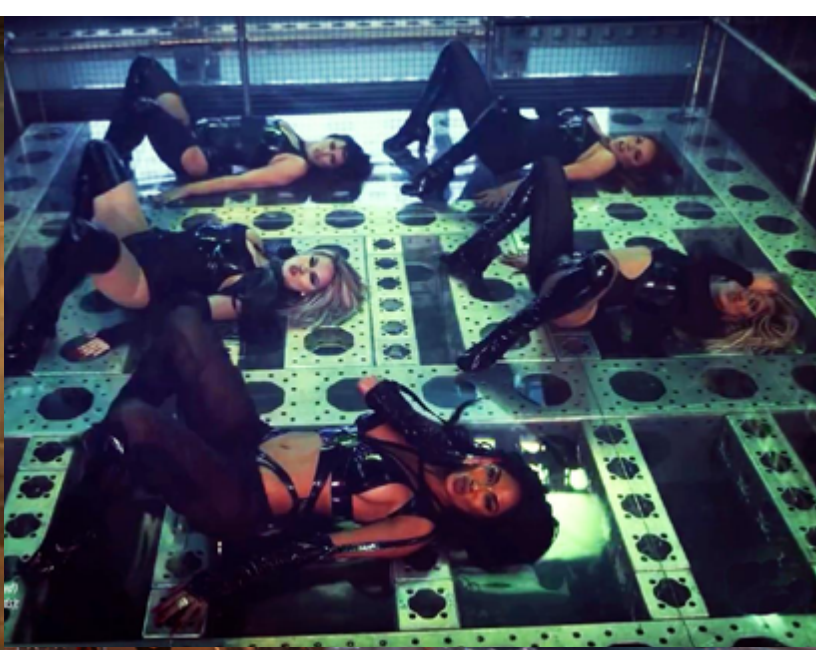
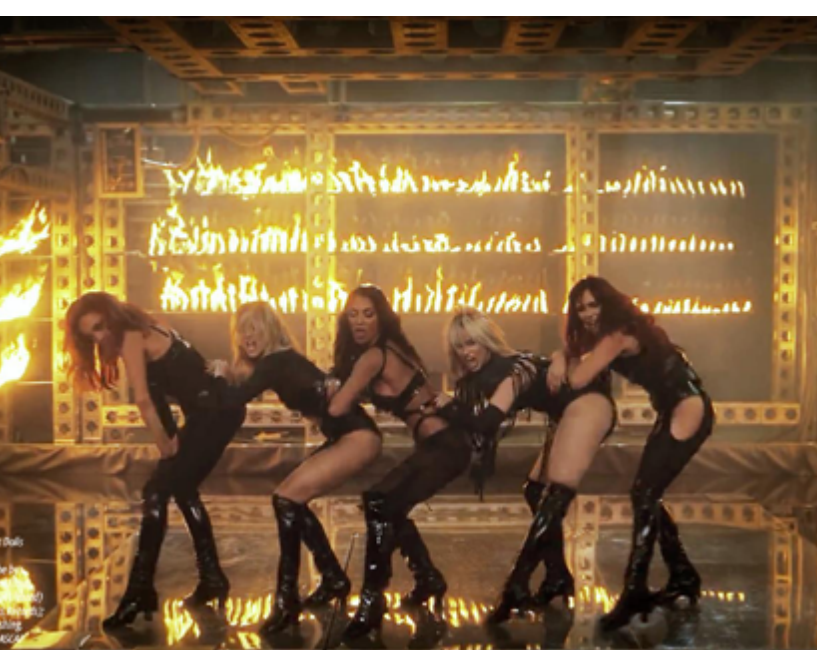


Concert and Touring

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

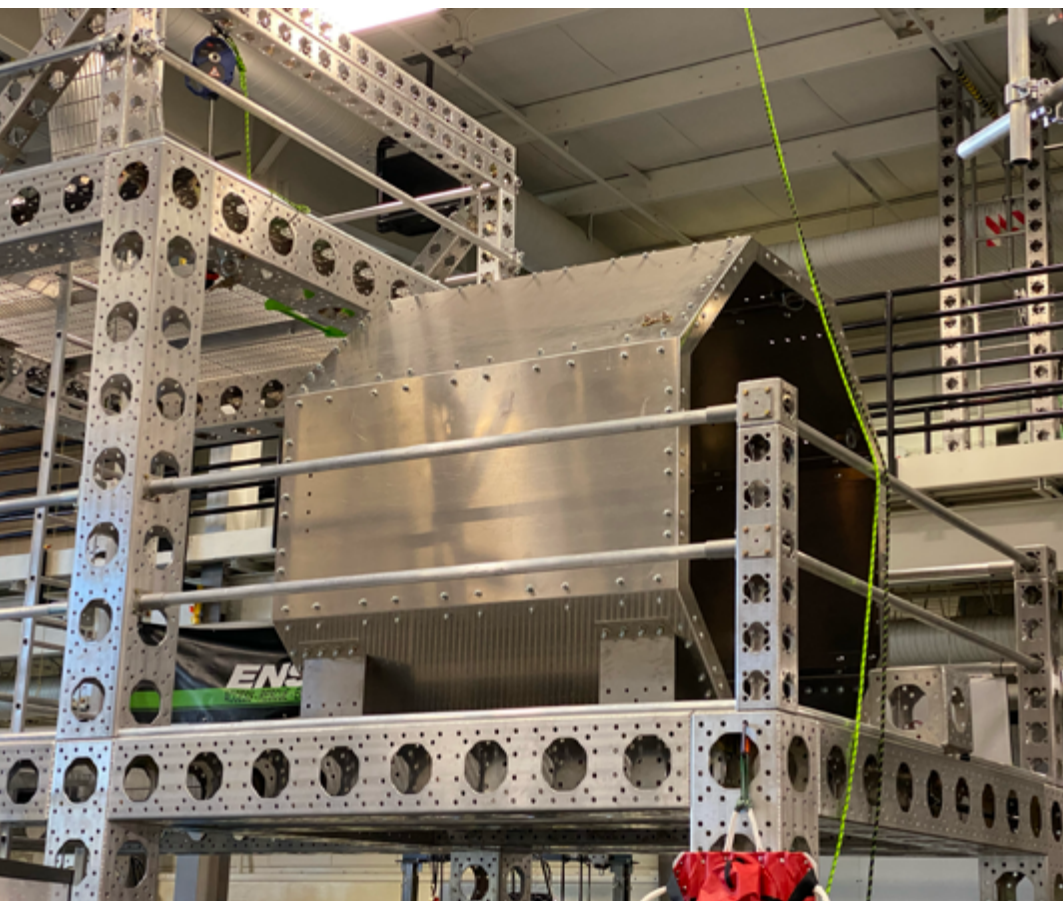
This crossover between products adds greater value to your inventory.





Training Simulators







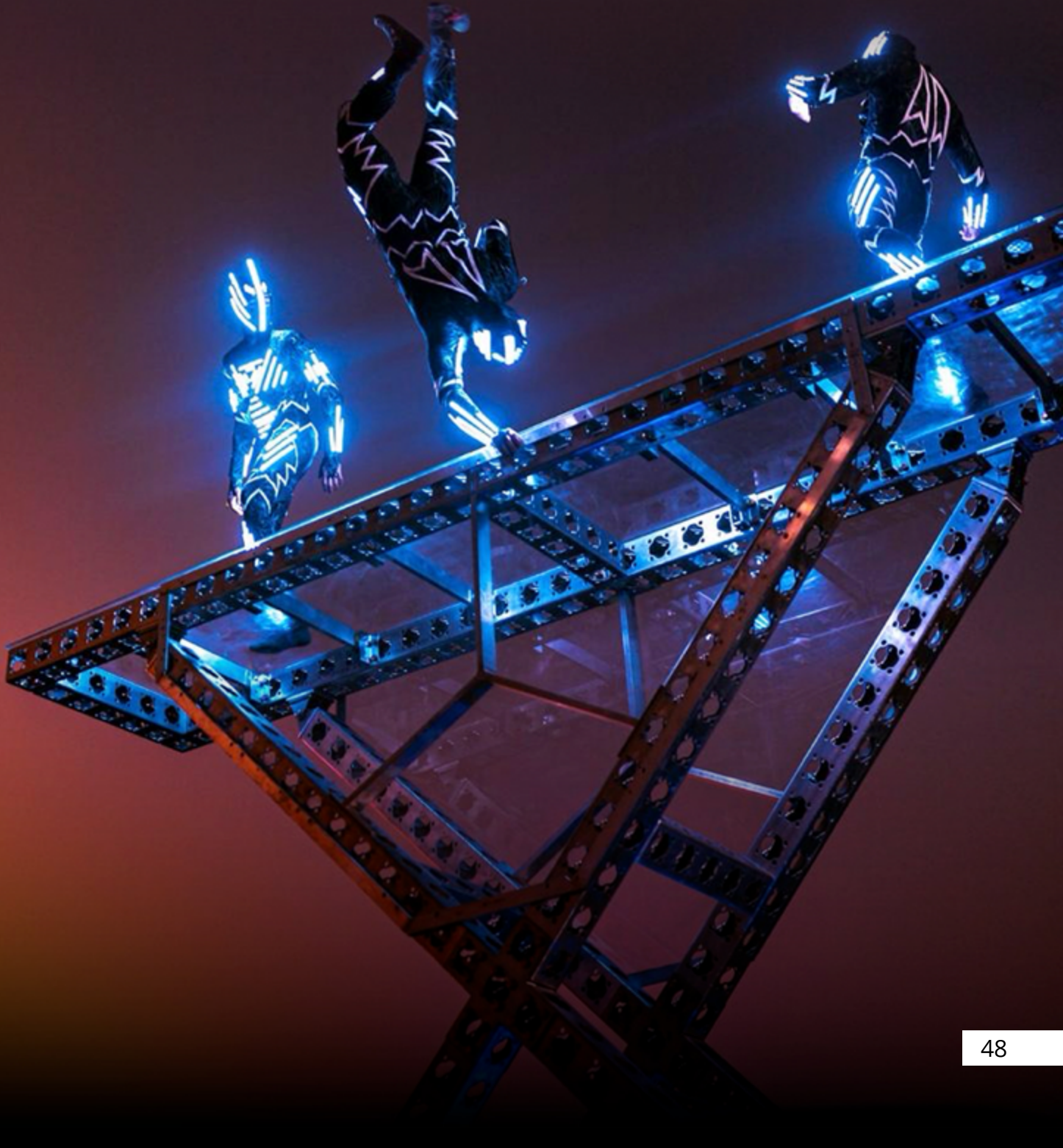
Obstacle Courses & Aerial Arts

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.

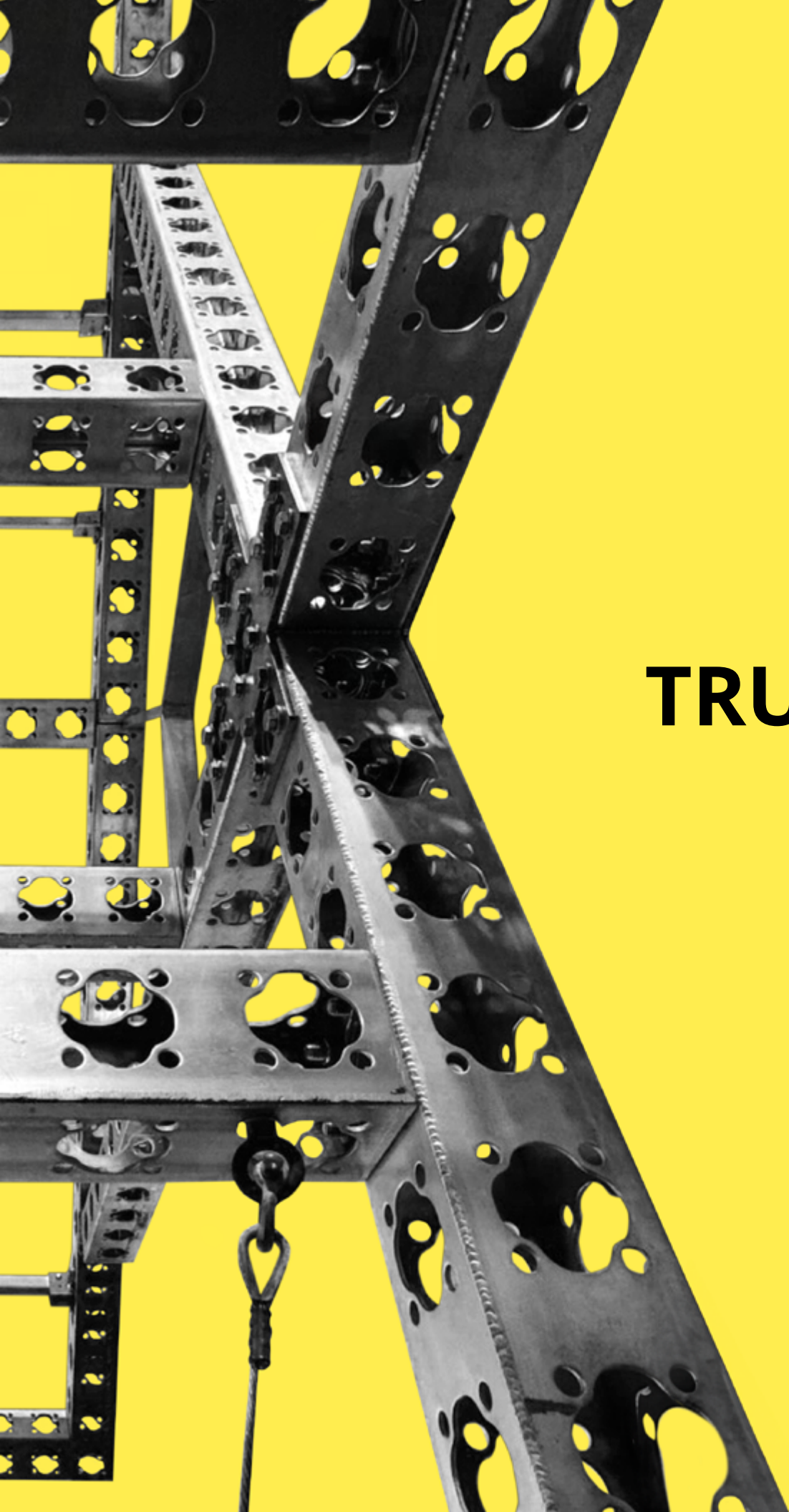




Other Applications







TRUSS

TRUSS

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

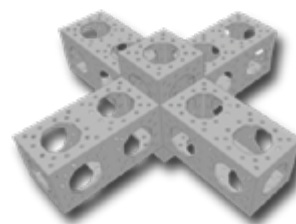
Some Of The Many Advantages Of ModTruss

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

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AC

HW

TK

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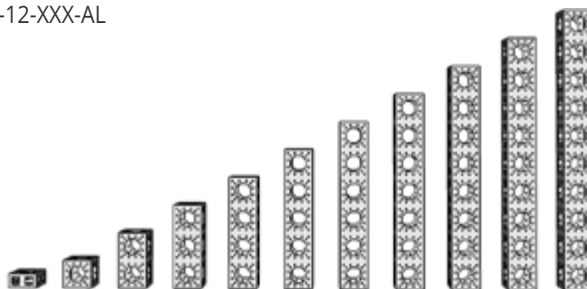
FT

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

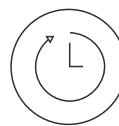
Part #	Size	Weight
MT-TR-12-12-006-AL	12" x 12" x 6" (304.80mm x 304.80mm x 152.40mm)	8.60lbs (3.90kg)
MT-TR-12-12-012-AL	12" x 12" x 12" (304.80mm x 304.80mm x 304.80mm)	13.00lbs (5.90kg)
MT-TR-12-12-015-AL	12" x 12" x 15" (304.80mm x 304.80mm x 381.00mm)	15.9lbs (7.22kg)
MT-TR-12-12-018-AL	12" x 12" 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

TR

EX

PL

JH

PA

HG

MO

RG

AC

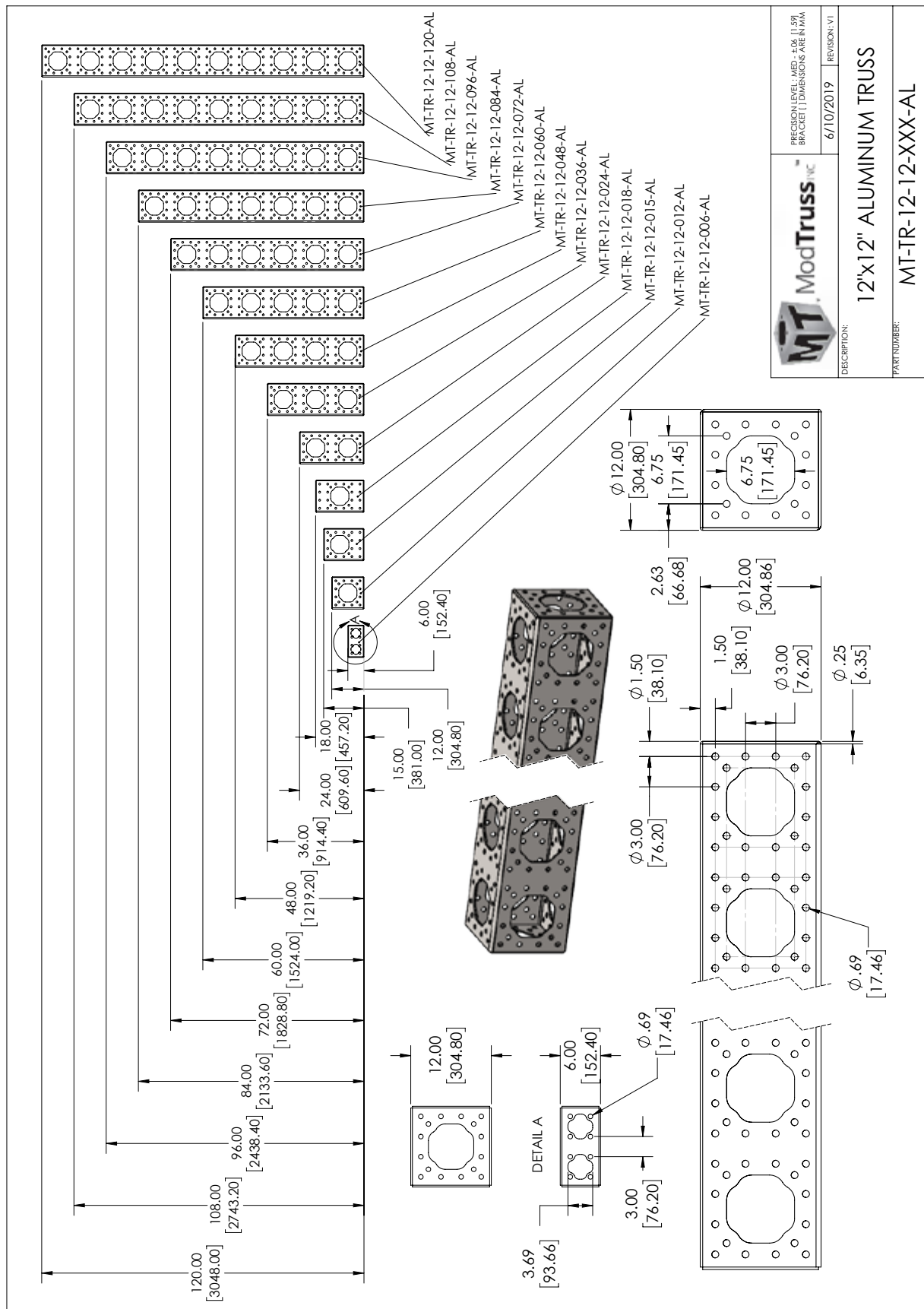
HW

TK

MH

FT

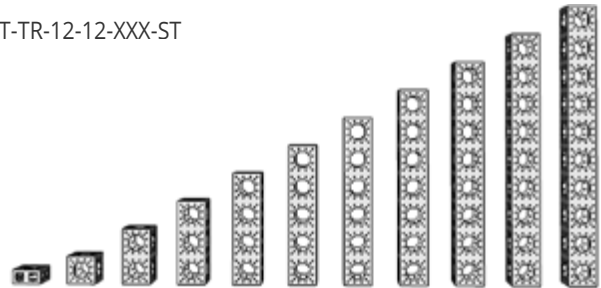
GL



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)



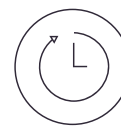
In Stock



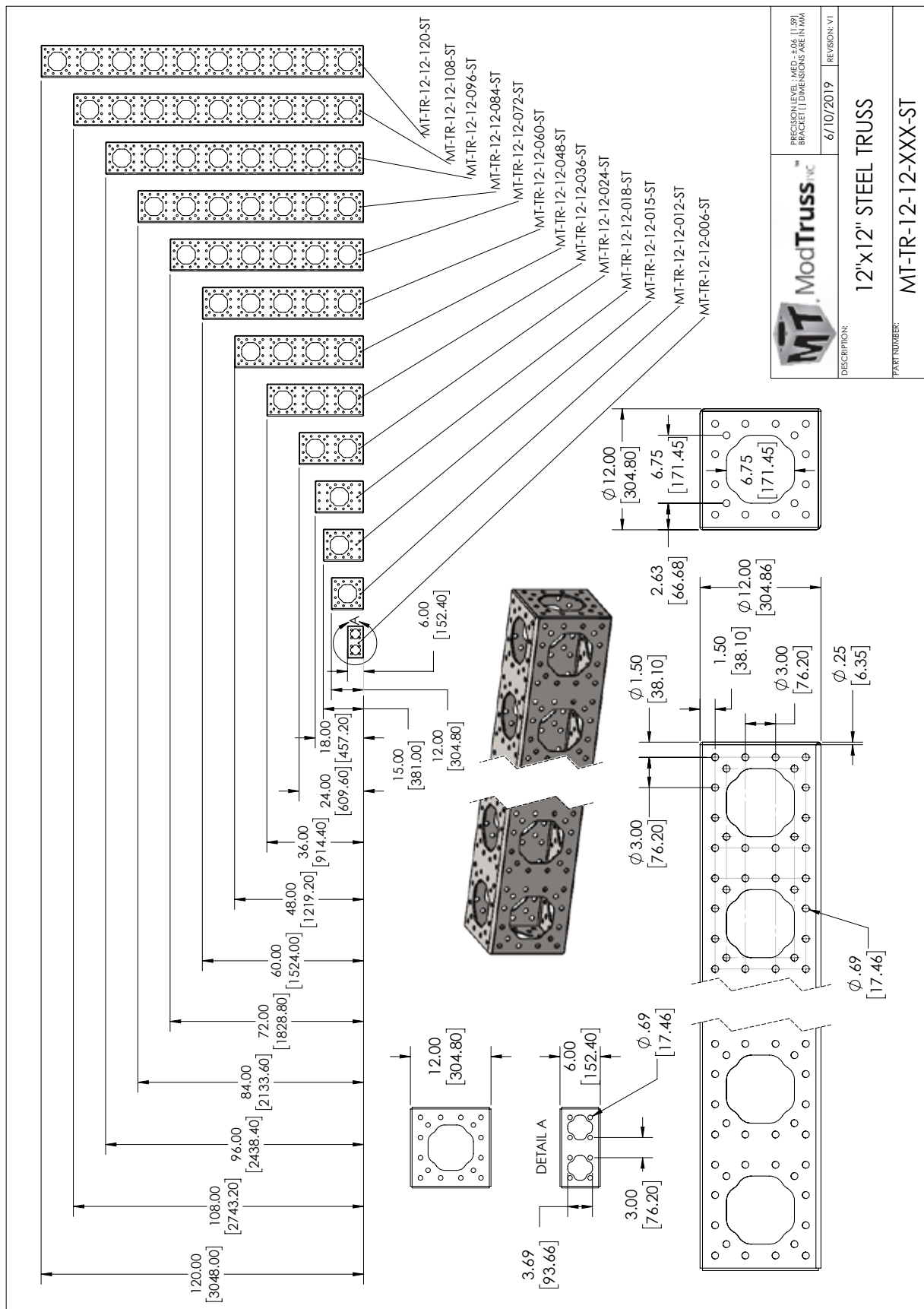
Compatible



Serialized &
Traceable



Made To
Order



6" Aluminum Truss - 2024 +



MT-TR-06-06-XXX-AR

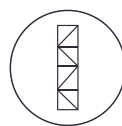


Standard Material	6061 - T6 Aluminum
Standard Finish	01- Brush
Available Finish(es)	01- Brush, 20-30 Powder Coated
Bolt Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class 10.9 Bolt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

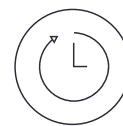
Part #	Size	Weight
MT-TR-06-06-006-AR	6" x 6" x 6" (152.40mm x 152.40mm x 152.40mm)	3.65 lbs (1.655kg)
MT-TR-06-06-012-AR	6" x 6" x 12" (152.40mm x 152.40mm x 304.80mm)	5.50 lbs (2.495kg)
MT-TR-06-06-024-AR	6" x 6" x 24" (152.40mm x 152.40mm x 609.60mm)	9.00 lbs (4.082kg)
MT-TR-06-06-036-AR	6" x 6" x 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)

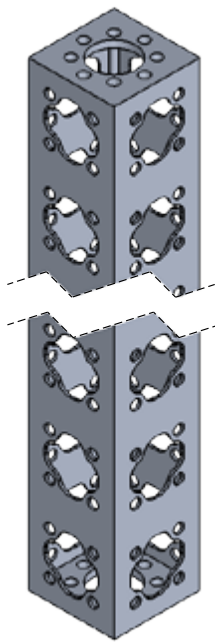
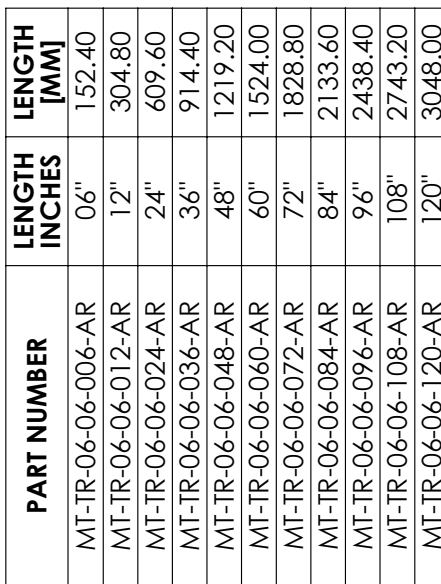
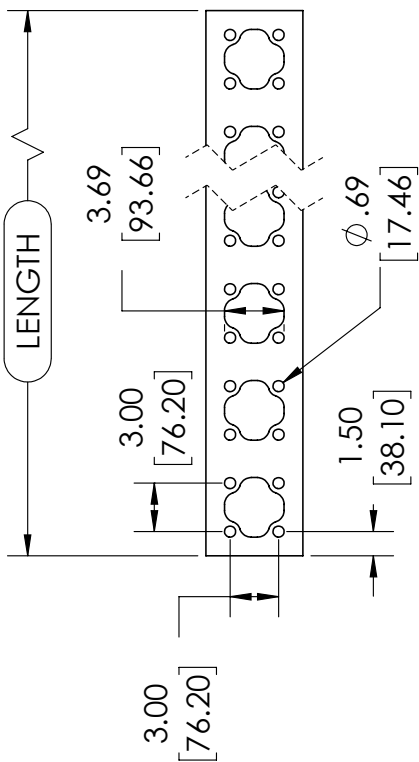


In Stock



Compatible


Serialized &
Traceable

Made To
Order



 ModTruss [™] INC.	BRACKET () DIMENSIONS ARE IN MM	
	10/29/2024	REVISION: A
DESCRIPTION: 6" ALUMINUM TRUSS		
PART NUMBER: MT-TR-06-06-XXX-AR		

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

6" Steel Truss

MT-TR-06-06-XXX-ST

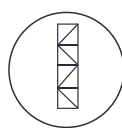


Standard Material	A36 Low Carbon Steel
Standard Finish	25- Silver Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	5/8"-11 Thread Grade 8 Bolt, 2" Long 5/8" SAE Zinc-Plated Washer 5/8"-11 Thread, Grade 8 Hex Nut (M16 x 2 Thread, 50mm Long, Class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



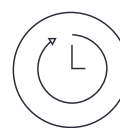
In Stock



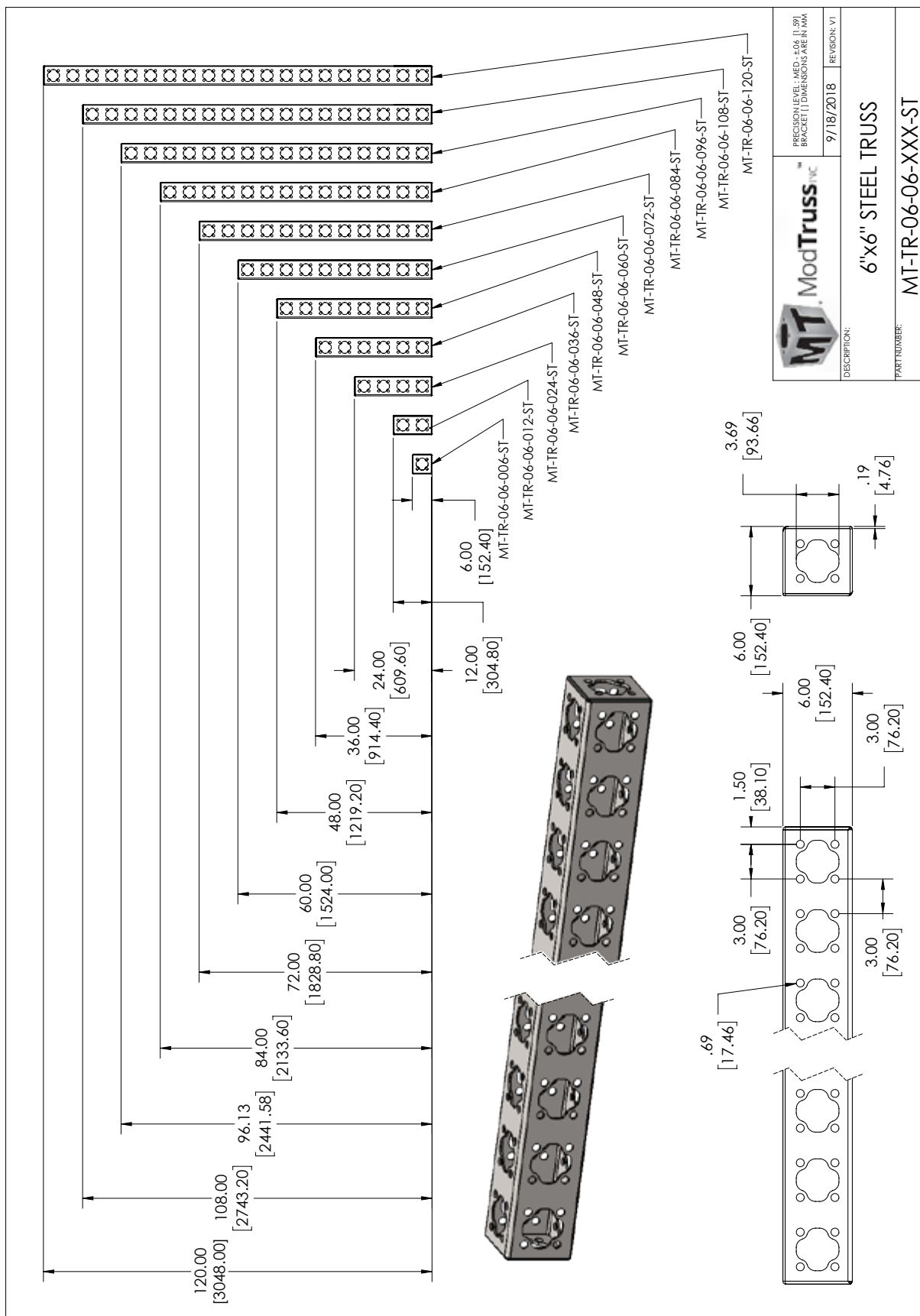
Compatible



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Traceable



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Order



3" Aluminum Truss

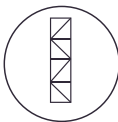


MT-TR-03-03-XXX-AL

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



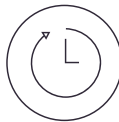
In Stock



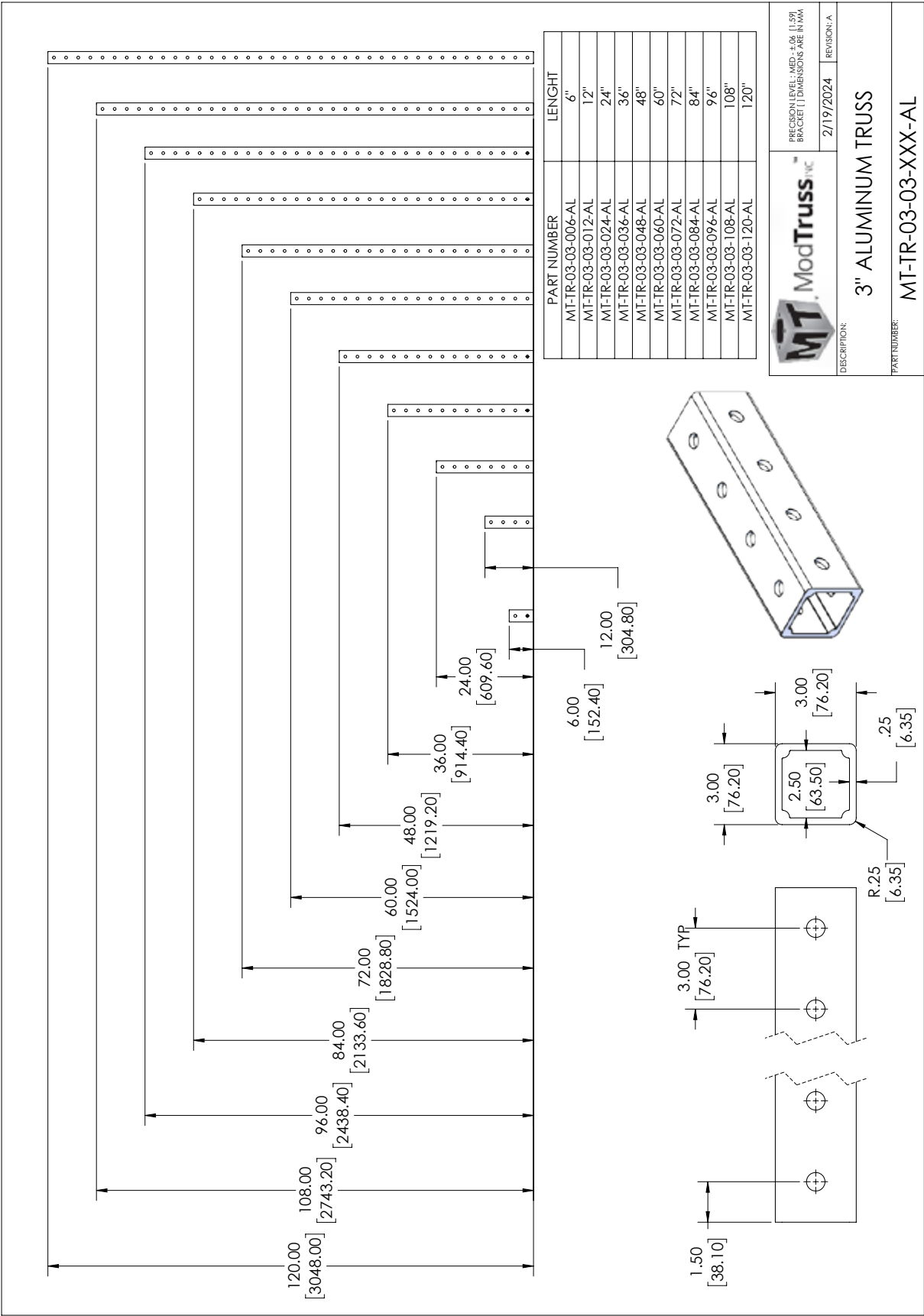
Compatible



Serialized &
Traceable



Made To
Order



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

3” Truss End Plug

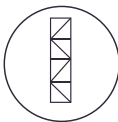


MT-TR-03-EP-0300-0025-128-132

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



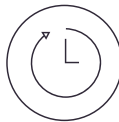
In Stock



Compatible



Serialized &
Traceable



Made To
Order

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

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

1/2"-13 THREAD 4X

.50
[12.70]

1.50
[38.10]

2.44
[61.91]

5/8"-11 THREAD
THRU ALL

.44
[11.11]

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

BRACKET {} DIMENSIONS ARE IN MM

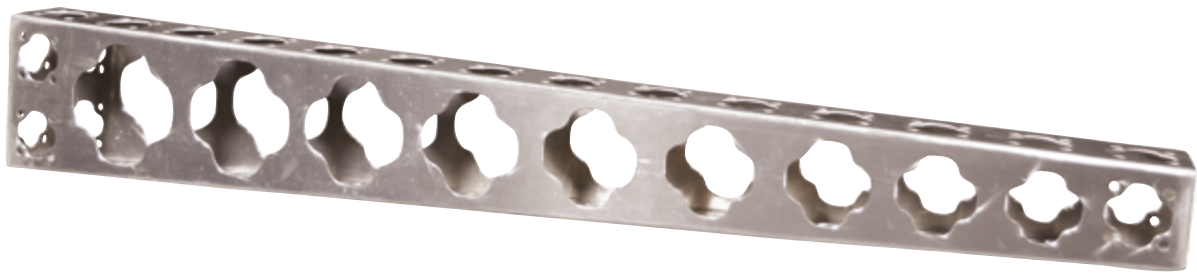
3/31/2025

REVISION: A

DESCRIPTION:
3" ALUMINUM TRUSS END PLUG

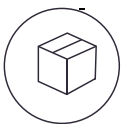
PART NUMBER:
MT-TR-03-EP-0300-0025-128-132

6" x 12" - 6" x 6" Tapered Truss

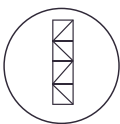


MT-TR-TT-06-12-06-06-XXX-AL

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	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



In Stock



Compatible



Serialized &
Traceable



Made To
Order

TR

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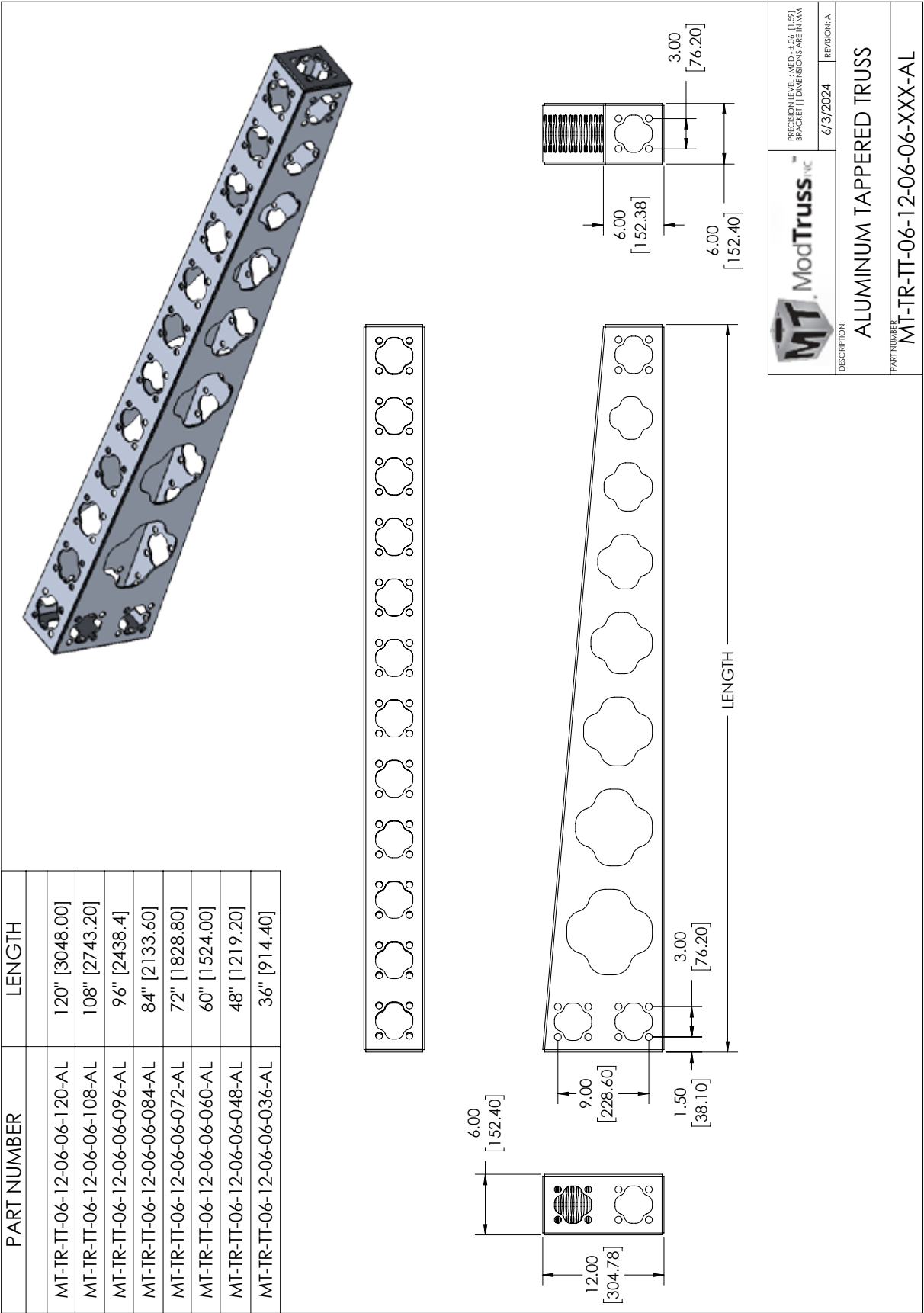
HW

TK

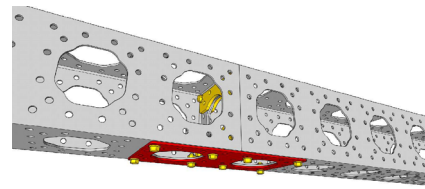
MH

FT

GL



LOAD TABLES



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)

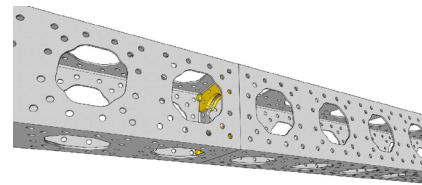
MAX MOMENT : 17.34 KIP*FT (23.51 kN*m) • MAX SHEAR: 11.66 KIP (51.86 Kn) • Deflection Limited to L/100

- 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. 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. 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.
COLUMN UNBRACED LENGTH Feet-Inches (Meters)		ALLOWABLE AXIAL LOAD Pounds (Kilograms)		
10'-0"	(3.05 m)	31,230	(14,166)	
20'-0"	(6.10 m)	26,130	(11,852)	
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



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

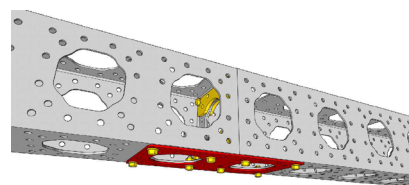
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- THE ALLOWABLE LOADING HAS NOT BEEN REDUCED FOR REPETITIVE USE AS PER ANSI E1.2-2021. IF REPETITIVE USE IS REQUIRED, REDUCE LOADS BY A FACTOR OF 0.85.
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- LOADS WERE EVALUATED FOR EXTERIOR CORNER BOLT LOCATIONS WITH (4) 5/8"Ø GRADE 8 BOLT SETS AND (4) 12" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.

12" Aluminum Truss Column Axial Capacity Table		ALLOWABLE AXIAL LOAD Pounds (Kilograms)		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. 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.
COLUMN UNBRACED LENGTH Feet-Inches (Meters)				
10'-0" (3.05 m)		31,230	(14,166)	
20'-0" (6.10 m)		26,130	(11,852)	
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)	

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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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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

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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.

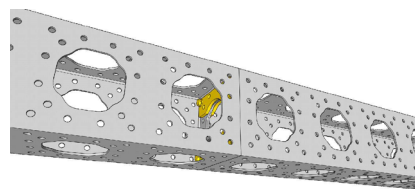
12" Steel Truss Column Axial Capacity Table			1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0. 2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN. 3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION. 4. 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.
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)	

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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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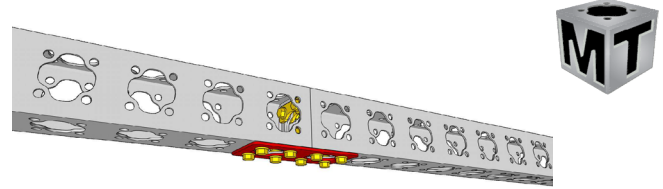
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6" Aluminum Truss

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										

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6" Aluminum Truss Column Axial Capacity Table		- 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.	
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)		

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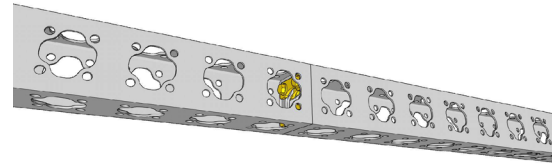
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Without Splice Plate at Connections



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	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

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- 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) 6" MODTRUSS WASHER PLATES, (2) ON EACH SIDE OF THE CONNECTION.

6" Aluminum Truss Column Axial Capacity Table		- 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.
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)	

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CRE Project Number 20_419_02 • SUBMITTAL DATE: 6/5/2025

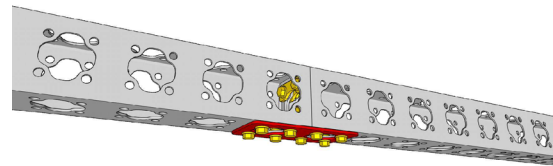
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U.S. Patent No. 8,418,425 & other patents pending
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6" Steel Truss

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

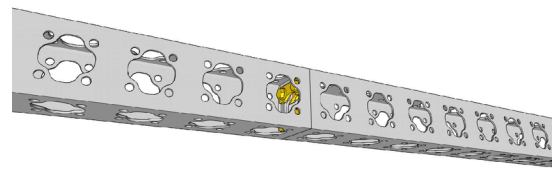
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- SPLICE PLATE ASSUMED TO BE INSTALLED ON THE BOTTOM AND OR TOP OF THE MODTRUSS IN TENSION AT THE END TO END BOLTED CONNECTION.
- EACH SPLICE PLATE HAS (8) 5/8"Ø GRADE 8 BOLT SETS. CONTACT MODTRUSS FOR DETAILED SPLICE CONNECTION DRAWINGS.

6" Steel Truss Column Axial Capacity Table		- 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.	
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)		

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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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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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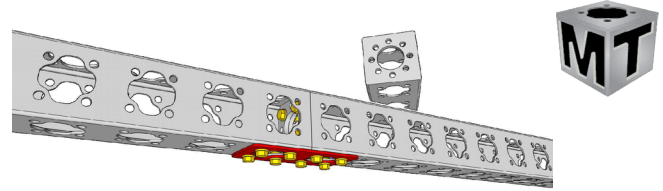
6" Steel Truss Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0. 2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN. 3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION. 4. 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)	
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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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6" Aluminum Reinforced 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)	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

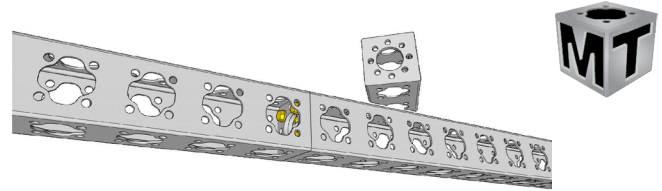
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COLUMN UNBRACED LENGTH Feet-Inches (Meters)		ALLOWABLE AXIAL LOAD Pounds (Kilograms)		
10'-0"	(3.05 m)	30,520	(13,844)	
20'-0"	(6.10 m)	12,260	(5,561)	
30'-0"	(9.14 m)	5,450	(2,472)	
40'-0"	(12.19 m)	3,060	(1,388)	

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CRE Project Number 24,419.18 • SUBMITTAL DATE: 6/5/2025

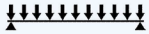
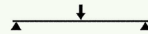
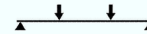
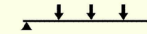
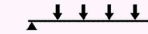
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U.S. Patent No. 8,418,425 & other patents pending
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6" Aluminum Reinforced Truss

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

- 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.

6" Aluminum Reinforced Truss Column Axial Capacity Table		- 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.
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)	

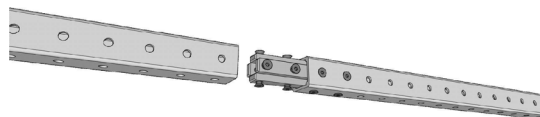
PE Stamped structural Engineering report by by Clark Reder Engineering, Inc • 10091 Mosteller Lane, West Chester, OH 45069-3873 • Phone (513) 851-1223
CRE Project Number 24.419.18 • SUBMITTAL DATE: 6/5/2025

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
©2025 ModTruss Inc.



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.
- 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 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.

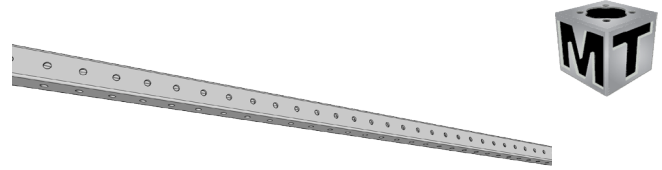
3" Aluminum Truss Column Axial Capacity Table		1. ALL COLUMNS ARE ASSUMED TO BE PINNED TOP AND BOTTOM AND USE AN EFFECTIVE LENGTH FACTOR OF K = 1.0. 2. ALL CAPACITIES ASSUME NO OTHER SHEAR, FLEXURE, OR TORSIONAL FORCES ARE APPLIED TO THE COLUMN. 3. ALL MATERIAL MUST BE INSPECTED PRIOR TO USE AND SHALL MEET MODTRUSS INSPECTION PROGRAM. CONTACT MODTRUSS FOR MORE INFORMATION. 4. SPLICE BARS ASSUMED TO BE INSTALLED INSIDE OF THE MODTRUSS AT ALL (4) SIDES. 5. EACH SPLICE BAR SHALL HAVE (4) 1/2"Ø BOLTS, (2) ON EACH SIDE OF CONNECTION.	
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)		

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 24,419,24 • SUBMITTAL DATE: 4/4/2025

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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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	
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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

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3" Aluminum Truss Column Axial Capacity Table		- 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. - 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.
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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)	

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CRE Project Number 24.419.24 • SUBMITTAL DATE: 4/4/2025

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EXTRUSION

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

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.

TR

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6" x 12" Aluminum T-Track Extrusion

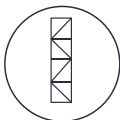


MT-EX-06-12-XXX-AL

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	ModTruss Nut Bars ModTruss 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



In Stock



Compatible

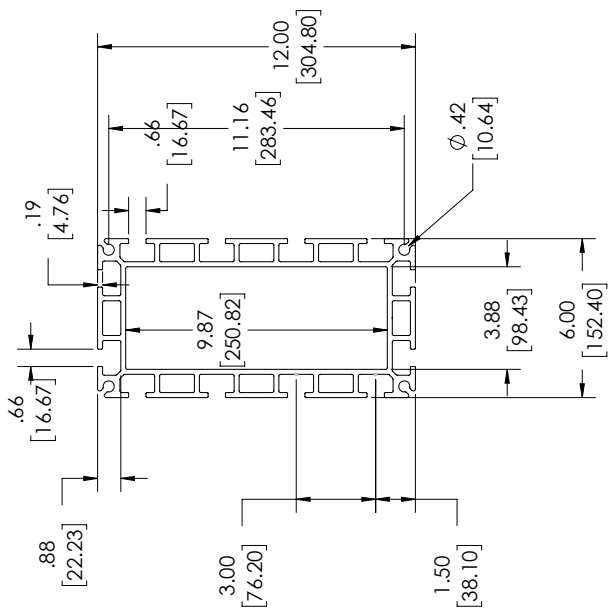
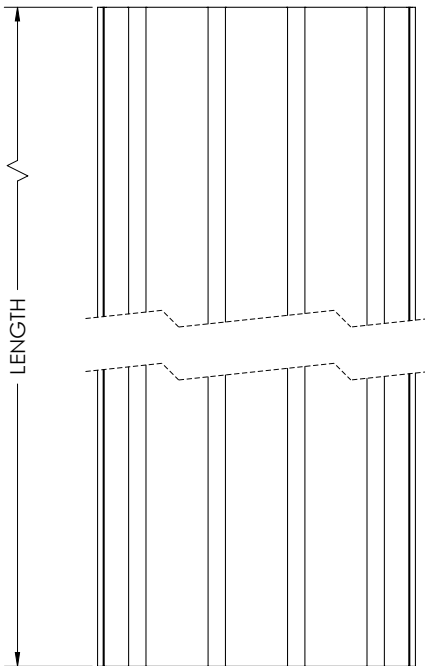
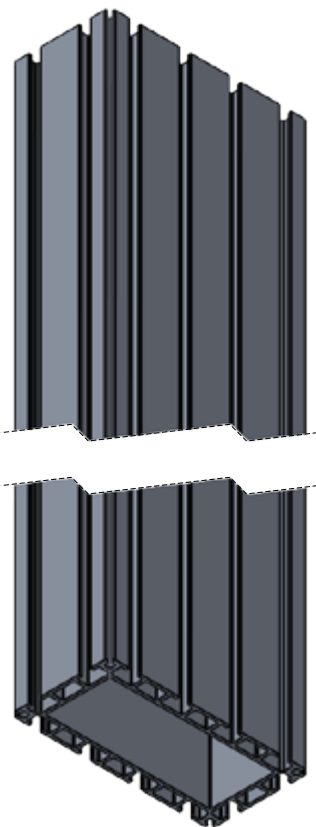


Serialized &
Traceable



Made To
Order

PART NUMBER	LENGHT
MT-EX-06-12-006-AL	6"
MT-EX-06-12-012-AL	12"
MT-EX-06-12-024-AL	24"
MT-EX-06-12-036-AL	36"
MT-EX-06-12-048-AL	48"
MT-EX-06-12-060-AL	60"
MT-EX-06-12-072-AL	72"
MT-EX-06-12-084-AL	84"
MT-EX-06-12-096-AL	96"
MT-EX-06-12-108-AL	108"
MT-EX-06-12-120-AL	120"



	PRECISION LEVEL - MED - 404 (1.89) BRACKET (1) DIMENSIONS ARE IN MM	
	2/19/2024	REGION: A

DESCRIPTION:

6"x12" ALUMINUM EXTRUSION

PART NUMBER:

MT-EX-06-12-XXX-AL

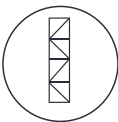
6" x 6" Aluminum T-Track Extrusion



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	ModTruss Nut Bars ModTruss 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



In Stock



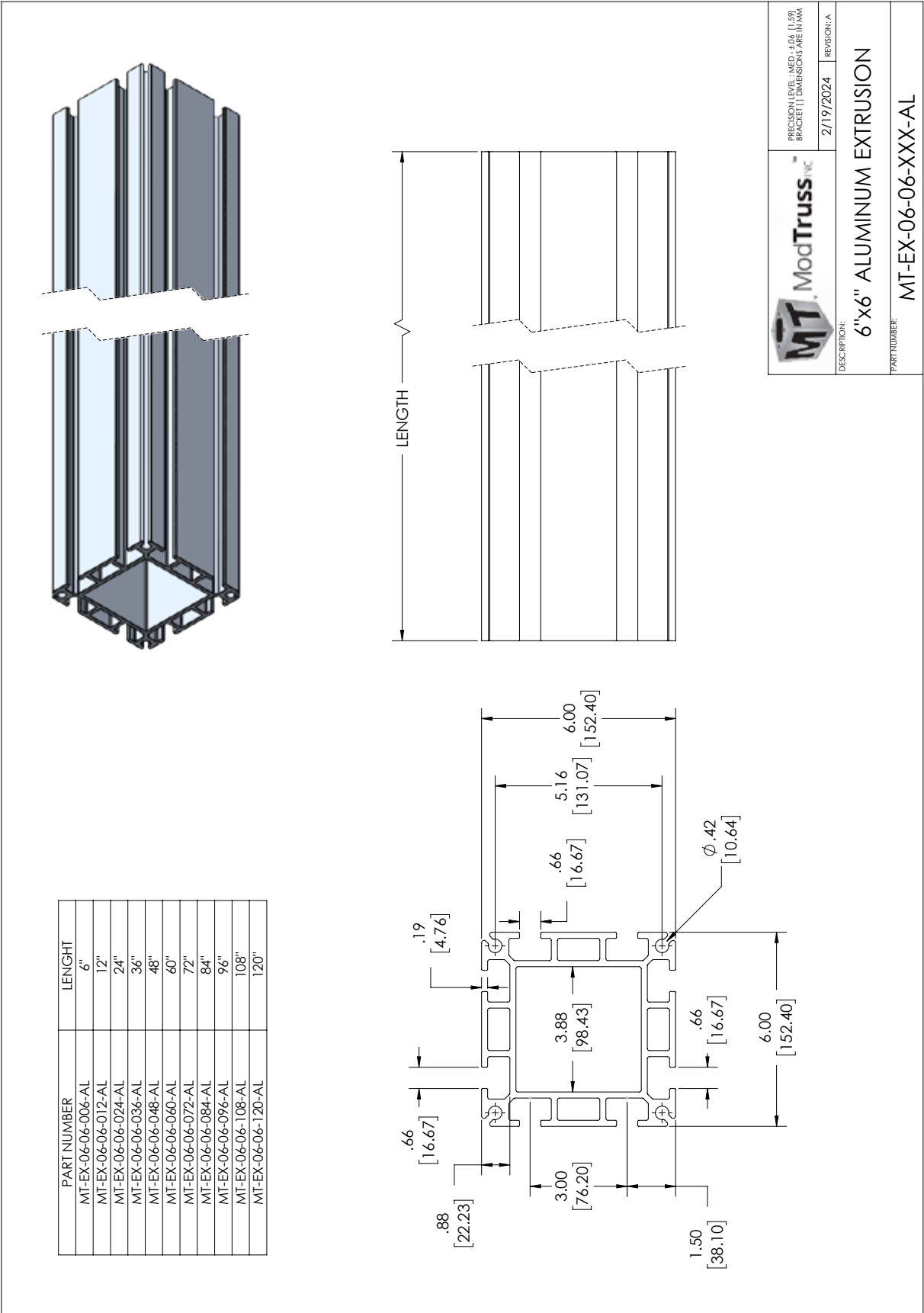
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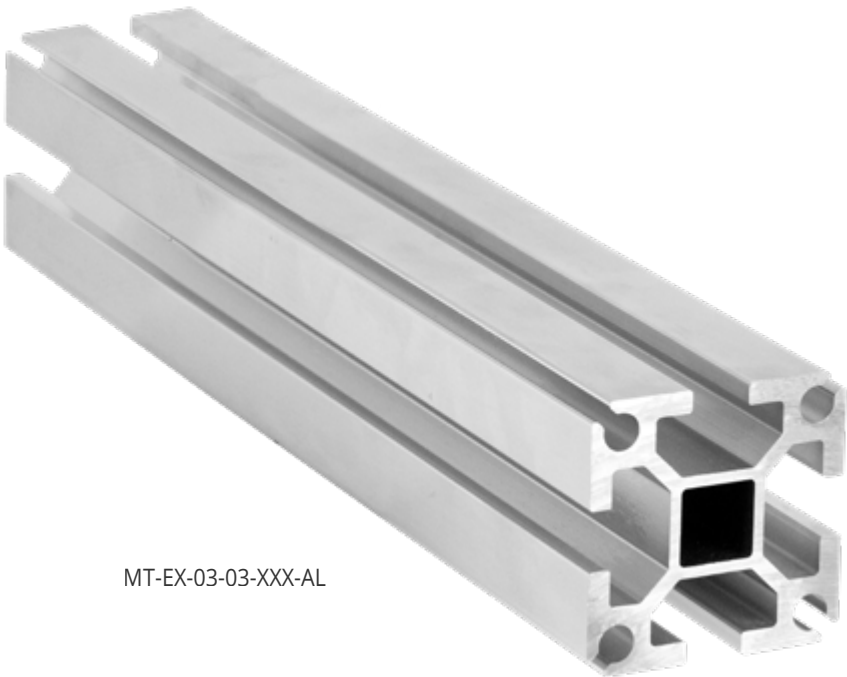
Serialized &
Traceable



Made To
Order



3" x 3" Aluminum T-Track Extrusion

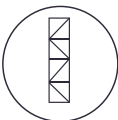


MT-EX-03-03-XXX-AL

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	ModTruss Nut Bars ModTruss 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



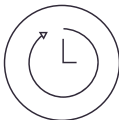
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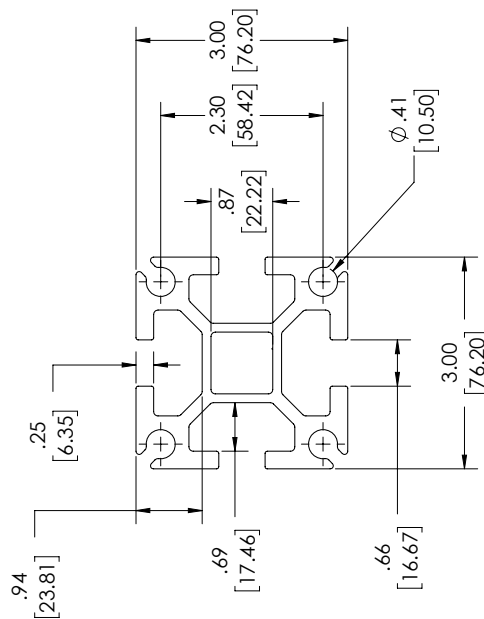
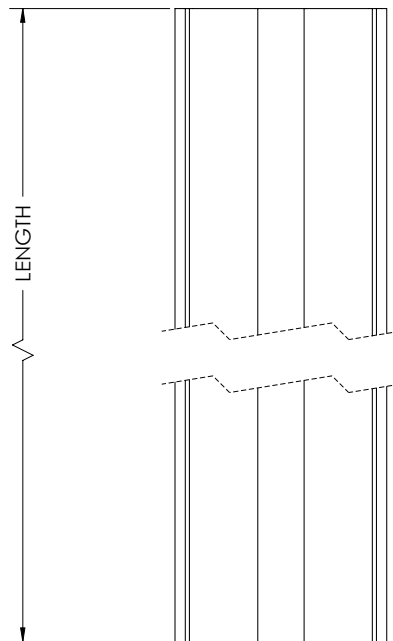
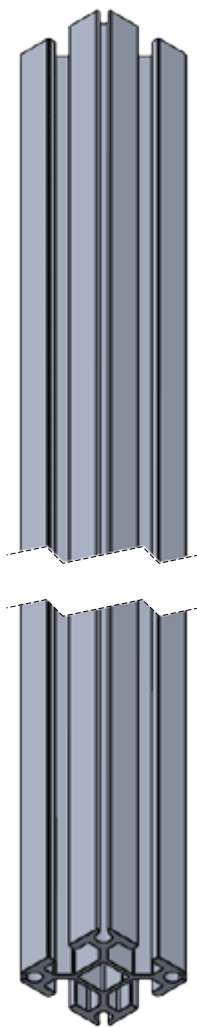
Compatible



Serialized &
Traceable



Made To
Order



PART NUMBER	LENGTH
MT-EX-03-03-006-AL	6"
MT-EX-03-03-012-AL	12"
MT-EX-03-03-024-AL	24"
MT-EX-03-03-036-AL	36"
MT-EX-03-03-048-AL	48"
MT-EX-03-03-060-AL	60"
MT-EX-03-03-072-AL	72"
MT-EX-03-03-084-AL	84"
MT-EX-03-03-096-AL	96"
MT-EX-03-03-108-AL	108"
MT-EX-03-03-120-AL	120"



PRECISION LEVEL: MED. $\pm .04$ (1.98)
BRACKET (1) DIMENSIONS ARE IN MM

2/19/2024

REVISION: A

DESCRIPTION:
3"x3" ALUMINUM EXTRUSION

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

EXTRUSION

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

6" x 12" Extrusion Splice Tube

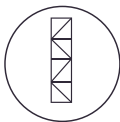


MT-EX-SP-7500-0975-0375

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



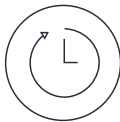
In Stock



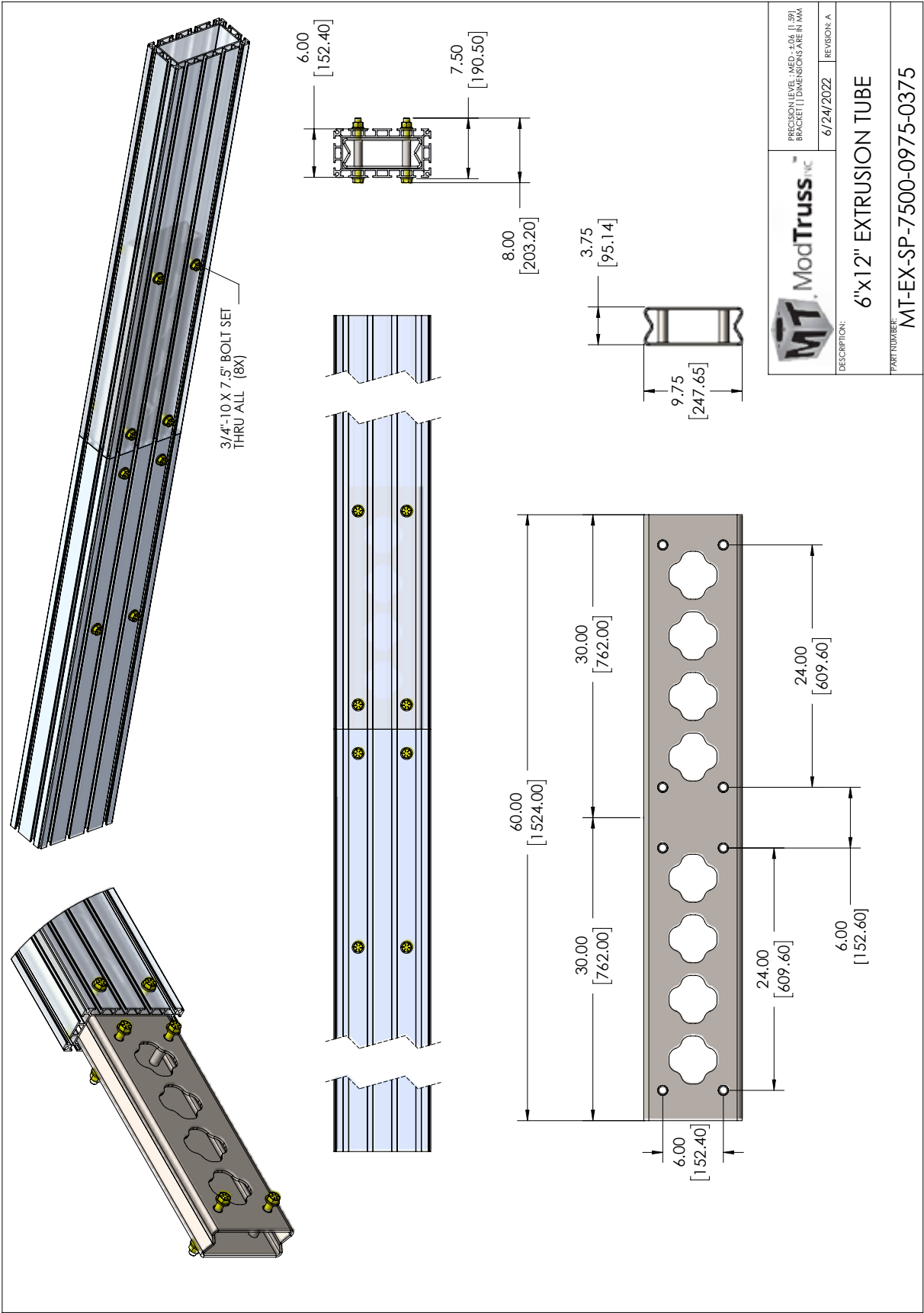
Compatible



Serialized &
Traceable



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Order



Extrusion End Plugs



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

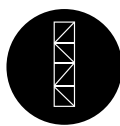


MT-EX-EP-06-06-12-12-090

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



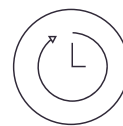
In Stock



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Traceable



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Order

PART NUMBER		QUANTITY
1/2" WASHER GRADE 8		32
1/2"-13 X 2.5" HEX BOLT GRADE 8		16
1/2"-13 HEX NUT GRADE 8		16

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

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

PART NUMBER		QUANTITY
1/2" WASHER GRADE 8		16
1/2"-13 X 2.5" HEX BOLT GRADE 8		8
1/2"-13 HEX NUT GRADE 8		8

ModTrussTM
INC

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11/8/2024

REVISION: A

EXTRUSION END PLUGS

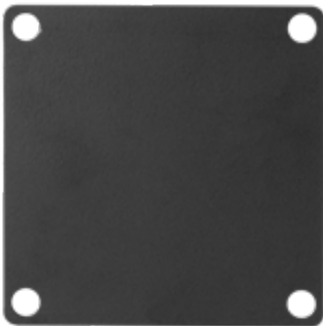
PART NUMBER:

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

Extrusion End Caps



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

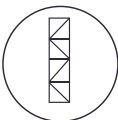


MT-EX-EC-KD-PL-0013-06-06

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



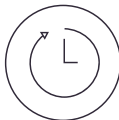
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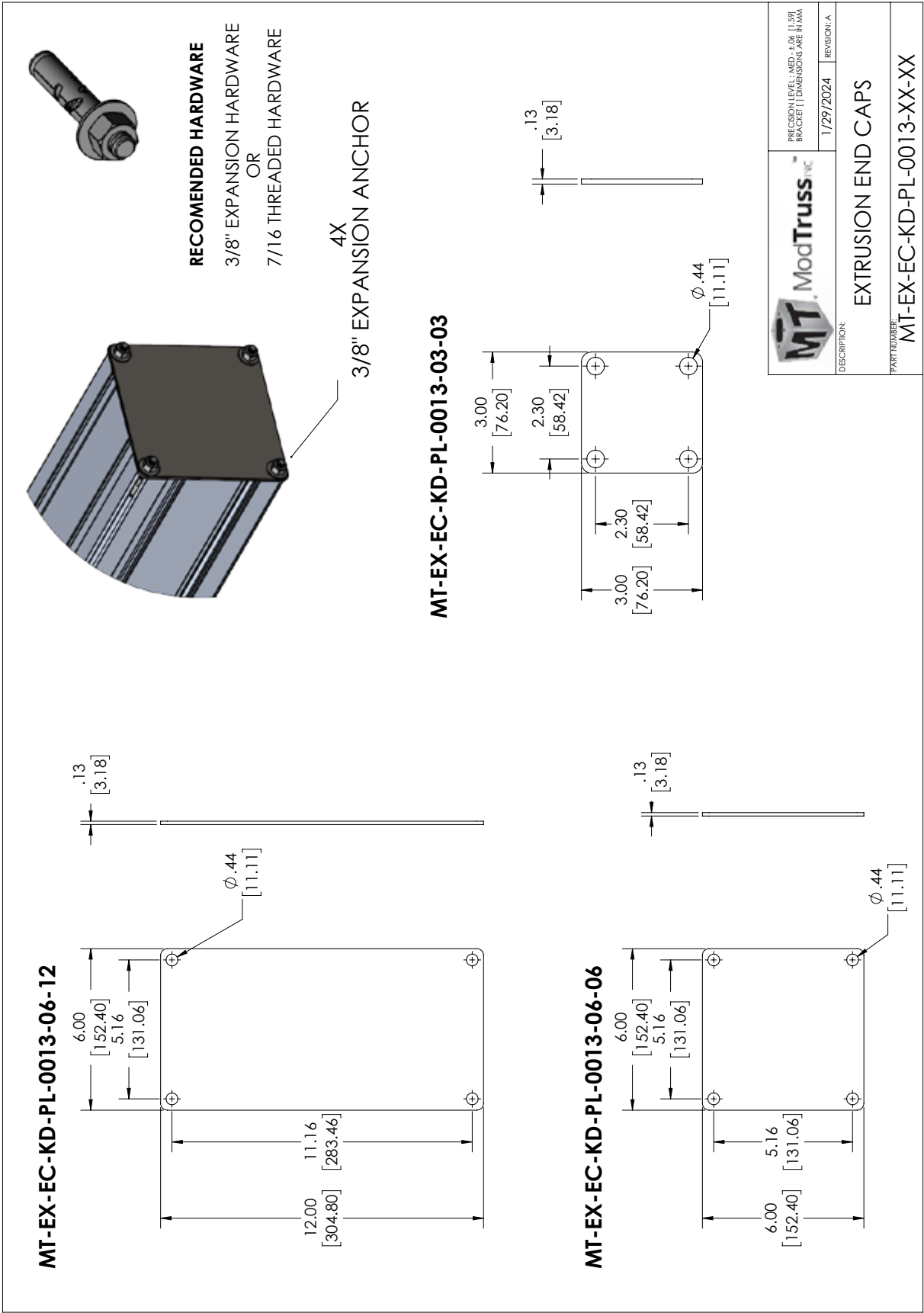
Compatible



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Traceable



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Order



Extrusion T-Slot Pipe

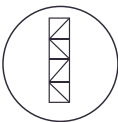


MT-EX-0190-RT-XXX-AL

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	Intert Nuts
Recommended Tools	Tool Kit 1 Miter Saw



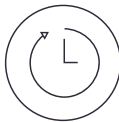
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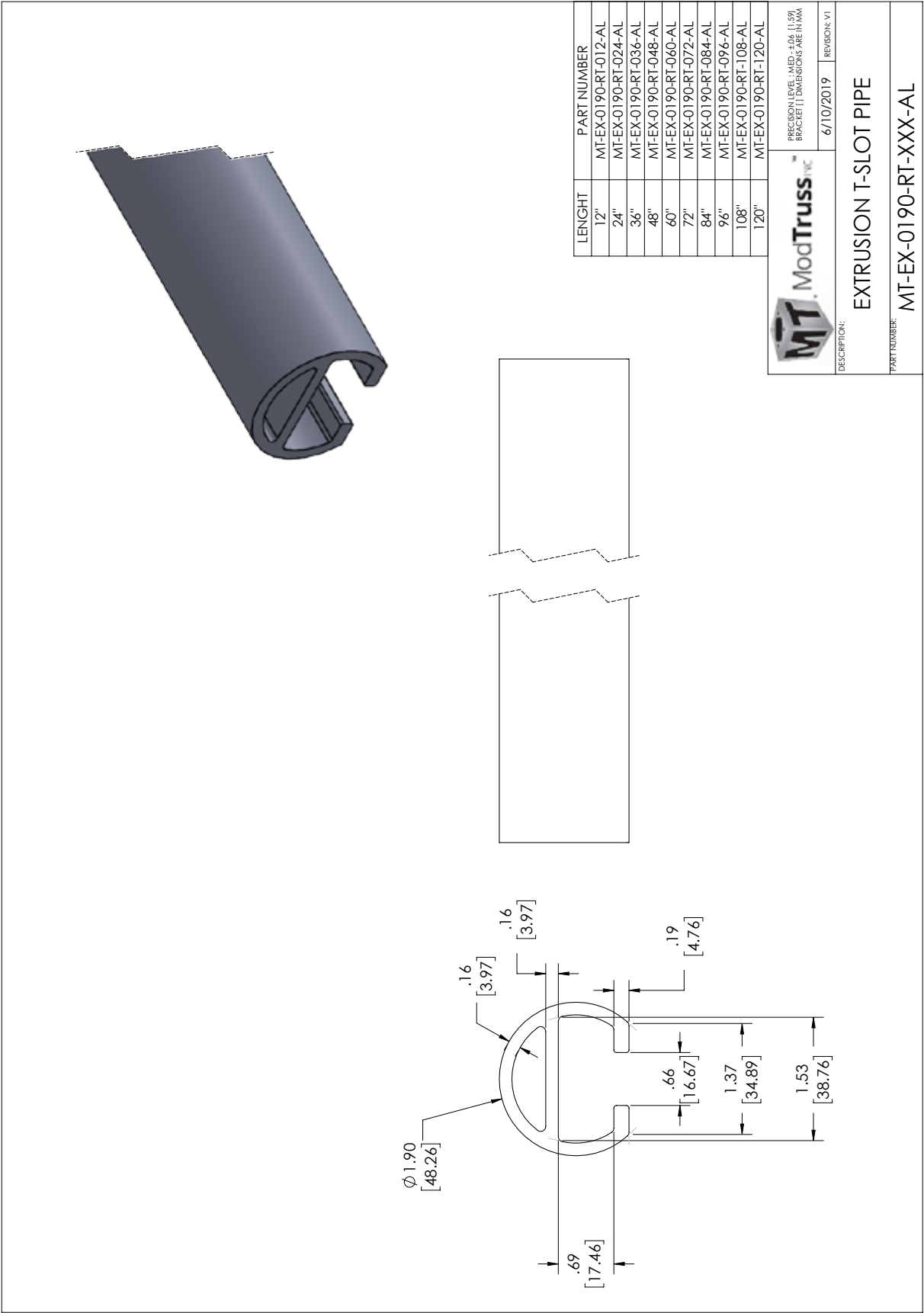
Compatible



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Traceable



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Order



3" Frame Rail Extrusion

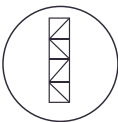


MT-EX-03-FR-XXX-AL

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)



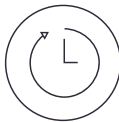
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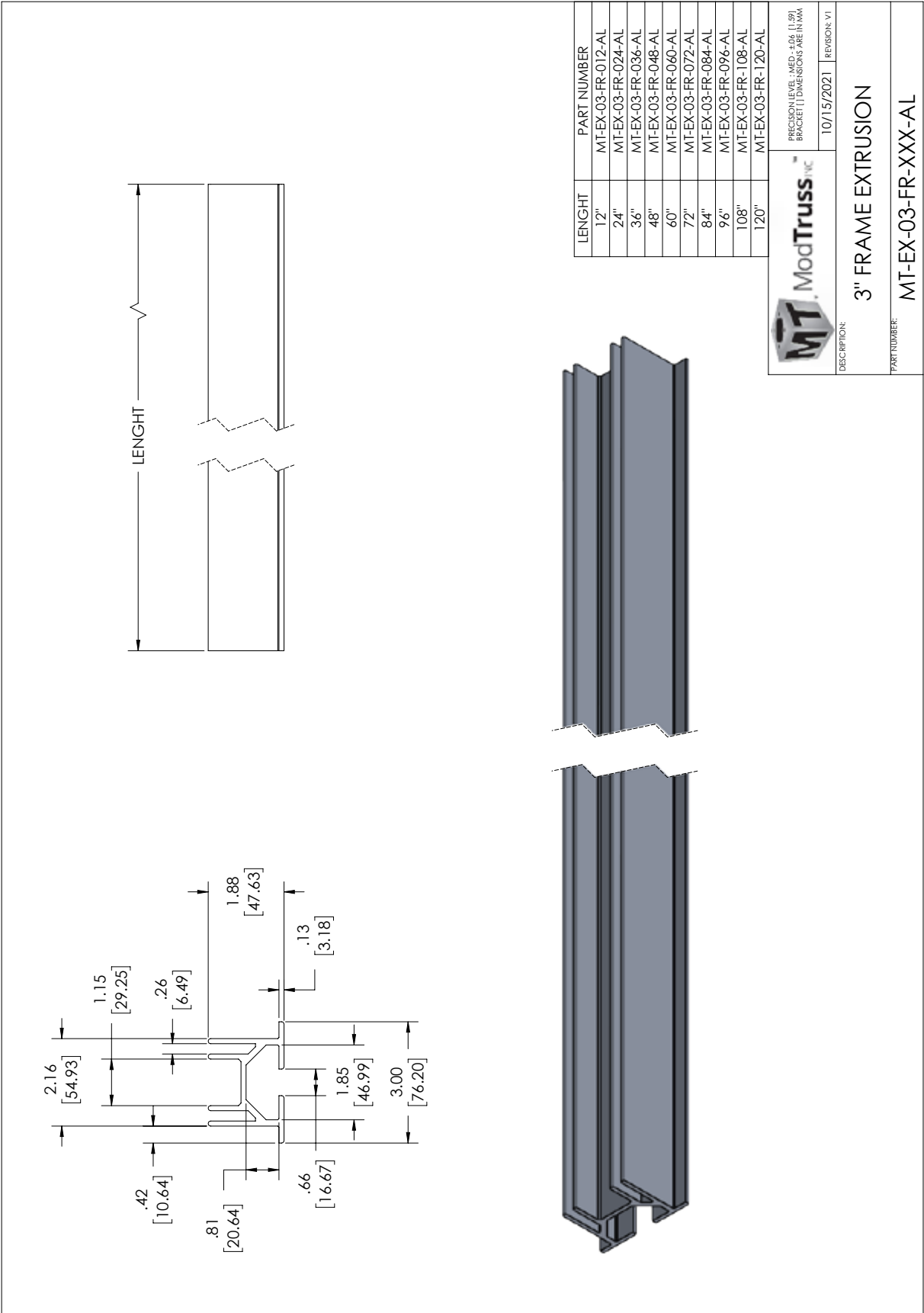
Compatible



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Traceable



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Order



Extrusion Frame Rail Corner Plate

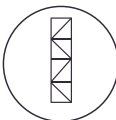


MT-EX-03-FR-BRK-090

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"



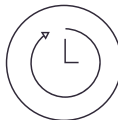
In Stock



Compatible

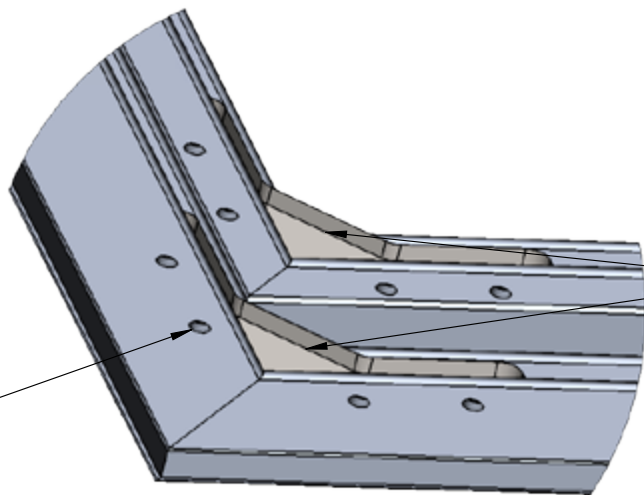


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Traceable



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1/4" RIVETS OR THREADED
HARDWARE ARE RECOMMENDED



MT-EX-03-FR-BRK-090
2X



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10/29/2024	REVISION: A
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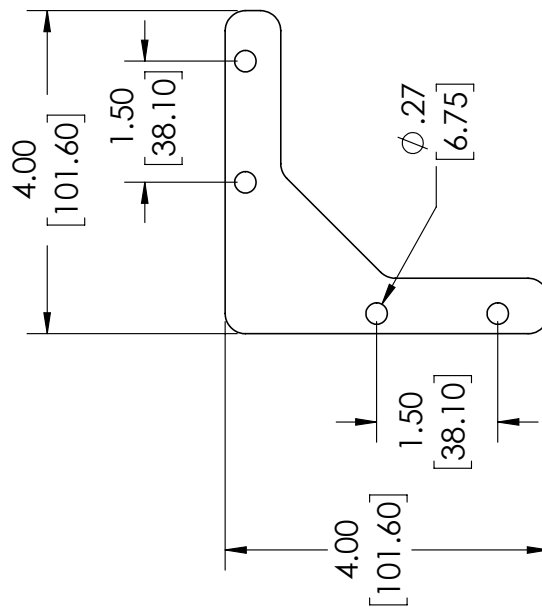
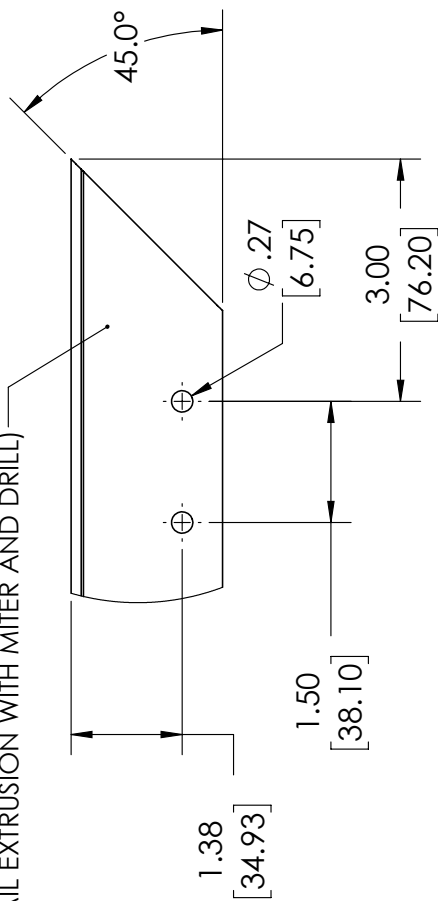
DESCRIPTION:

FRAME RAIL EXTRUSION CORNER BRACKET

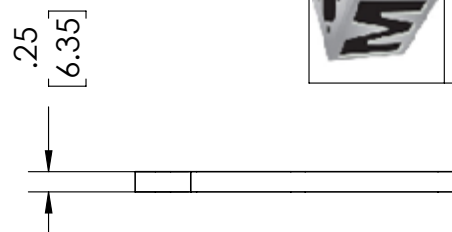
PART NUMBER:

MT-EX-03-FR-BRK-090

MT-EX-03-FR-XXX-M
(FRAME RAIL EXTRUSION)



MT-EX-03-FR-BRK-090



Extrusion Keder Alignment Pin

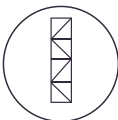


MT-EX-DP-KD-1050-0600

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



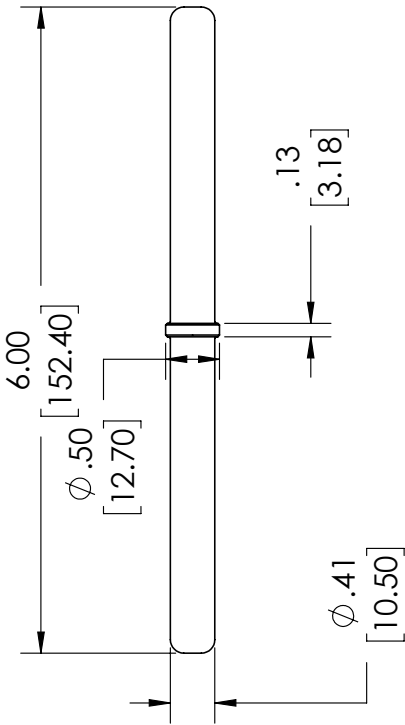
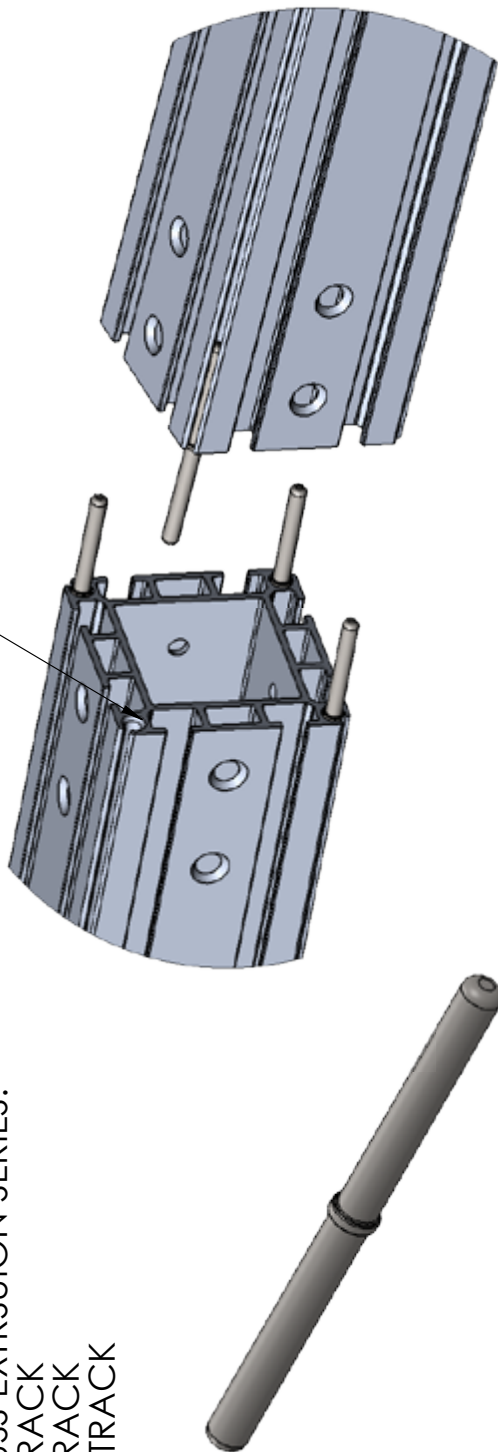
Serialized &
Traceable



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COUNTERSINK KEDER TRACK
4X FOR KEDER DOWL PINS

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



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10/29/2024 REVISION: A

DESCRIPTION:
EXTRUSION KEDER TRACK
ALIGNMENT PIN

PART NUMBER:
MT-EX-DP-KD-1050-0600

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



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.

Washer Plates



MT-PL-W-06



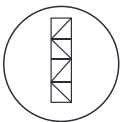
MT-PL-W-12

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)



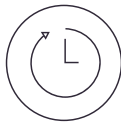
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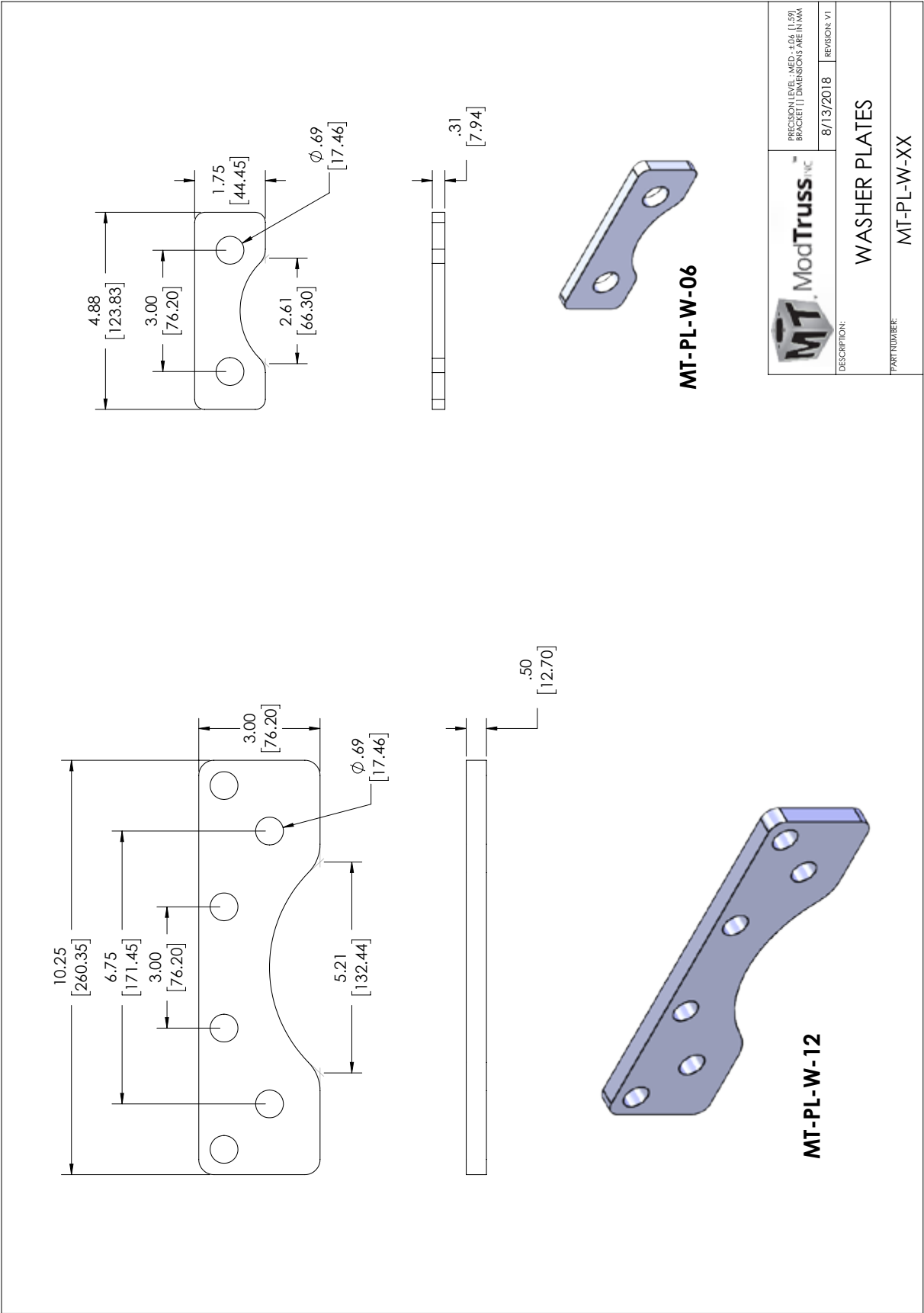
Compatible



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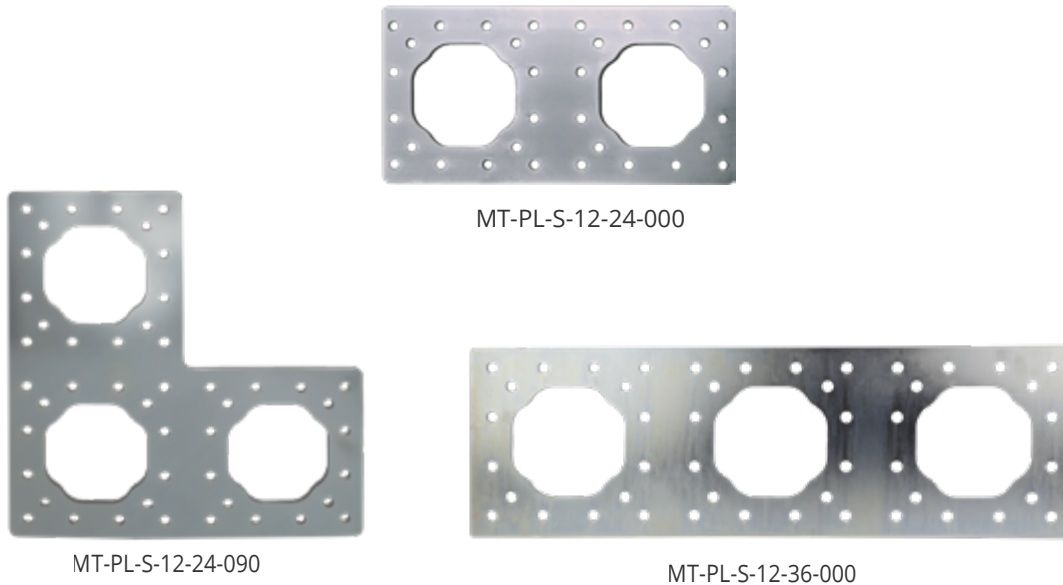


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PLATES									
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW
TK	MH	FT	GL						

12" Splice Plates

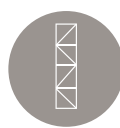


Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

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)



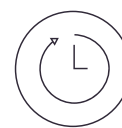
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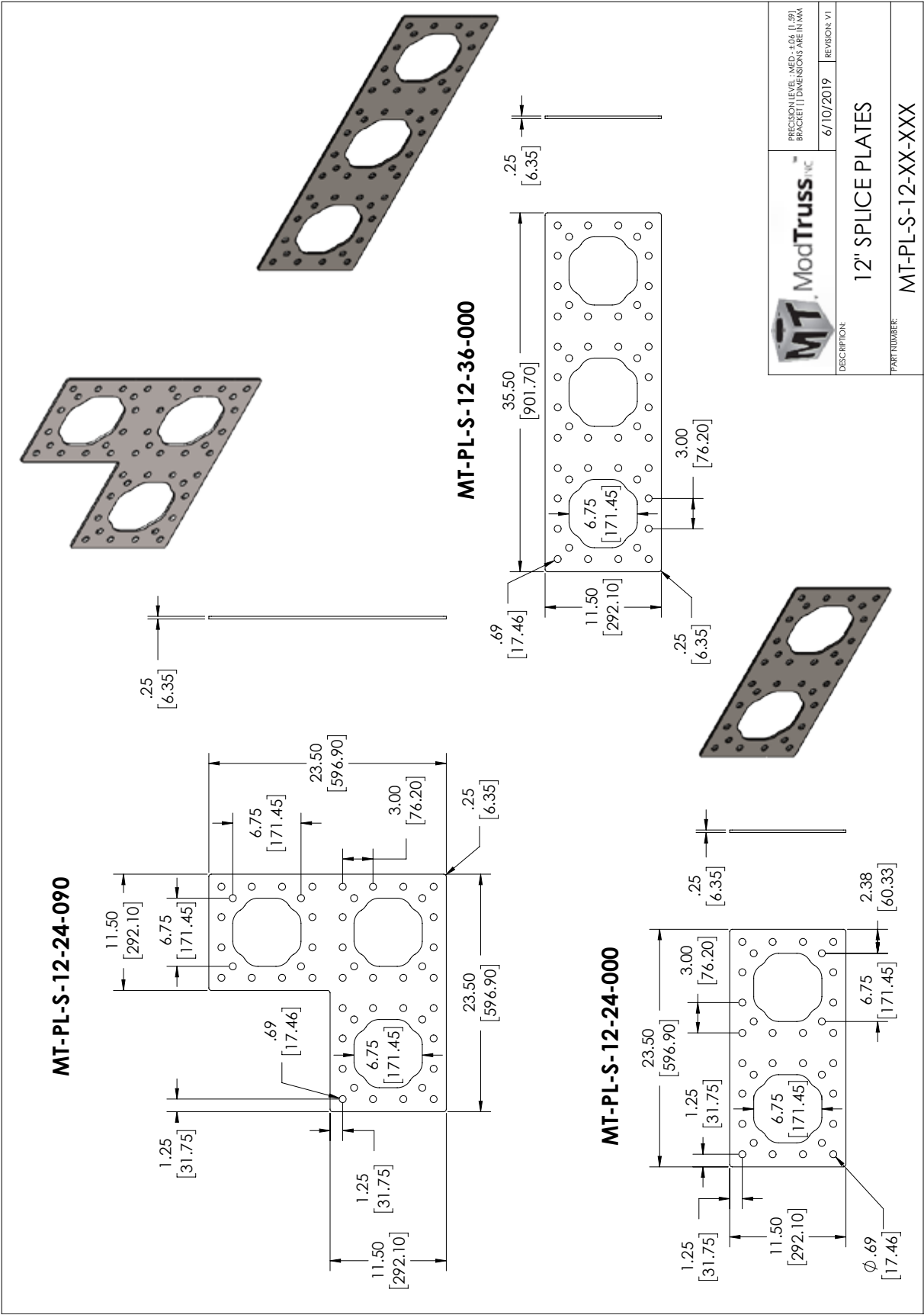
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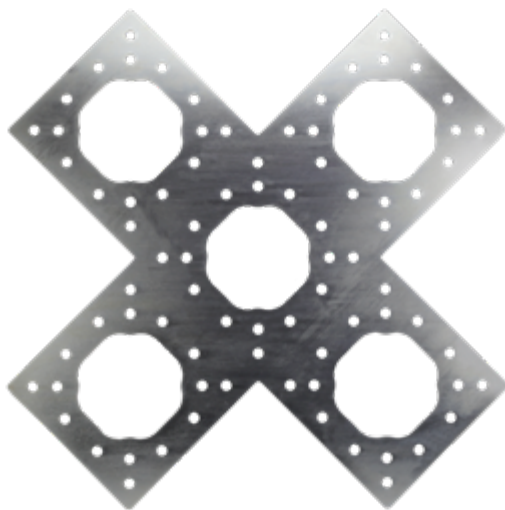
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Traceable



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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 ModTruss 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 (10.80kg)



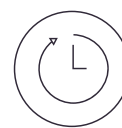
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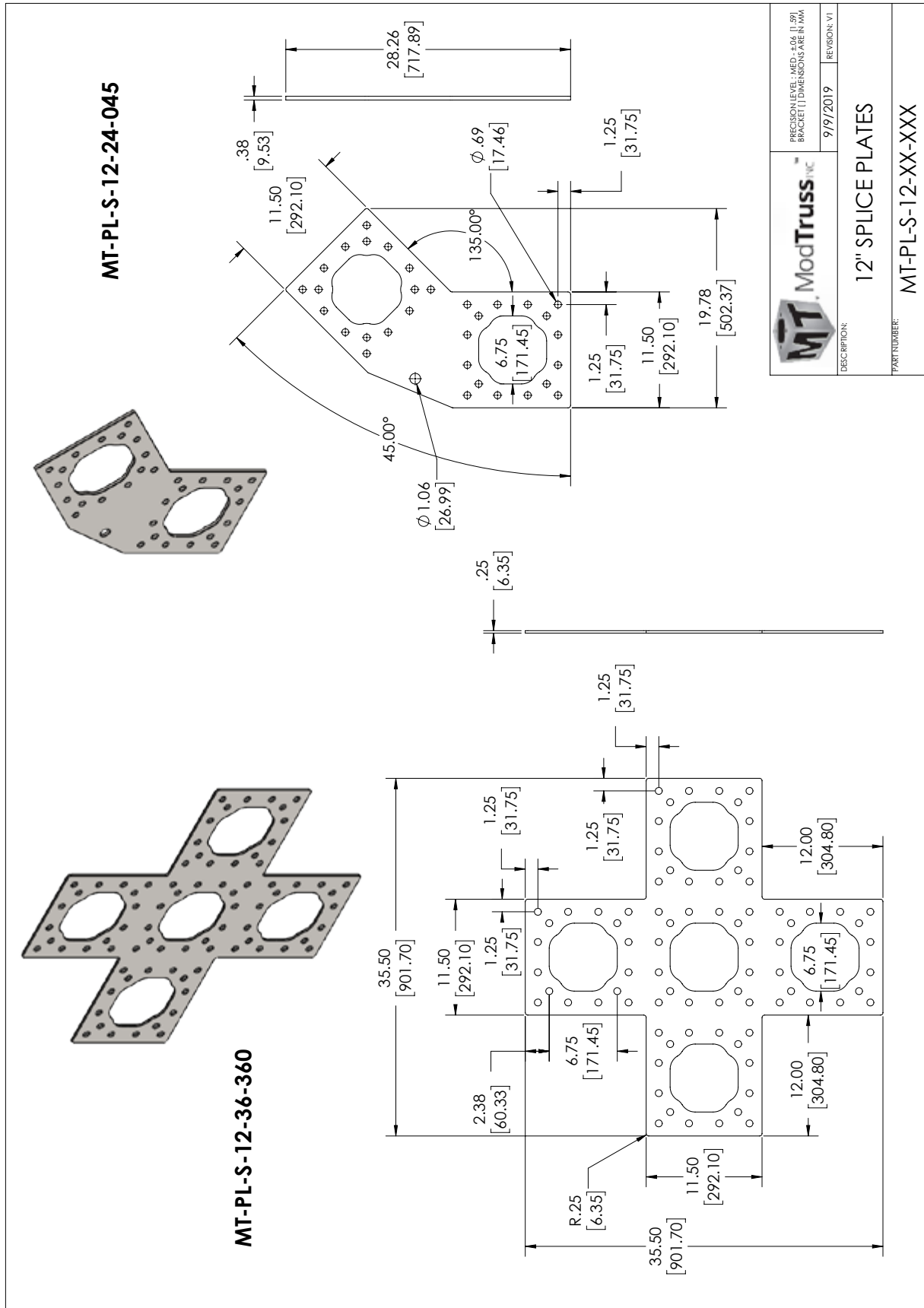
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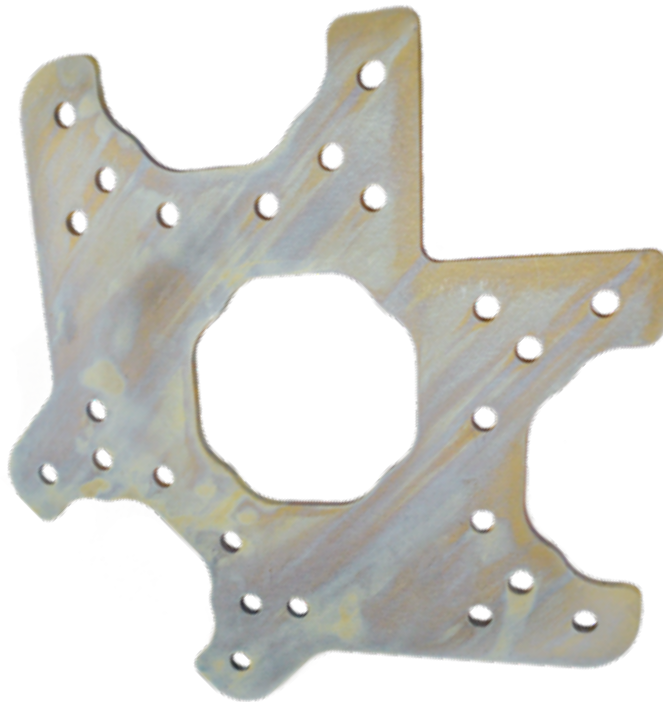
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Truss Chord 3-Way Splice Plate

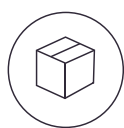


MT-PL-S-12-12-72-045-096

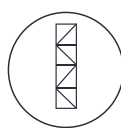
Use: Makes a
96" x 96" frame



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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



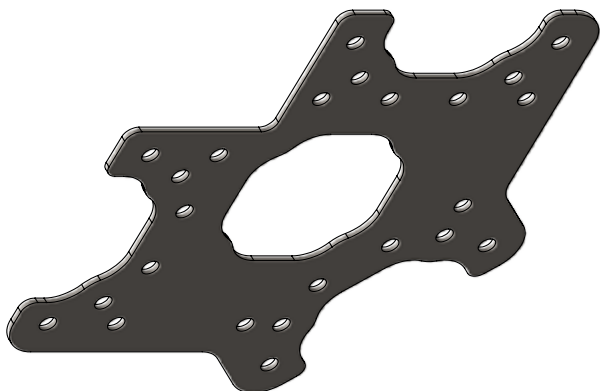
Compatible



Serialized &
Traceable



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Order



	PRECISION LEVEL - MED. - 0.4 (1/2) BRACKET 1 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

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



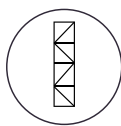
MT-PL-S-06-18-360

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)



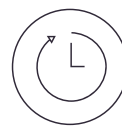
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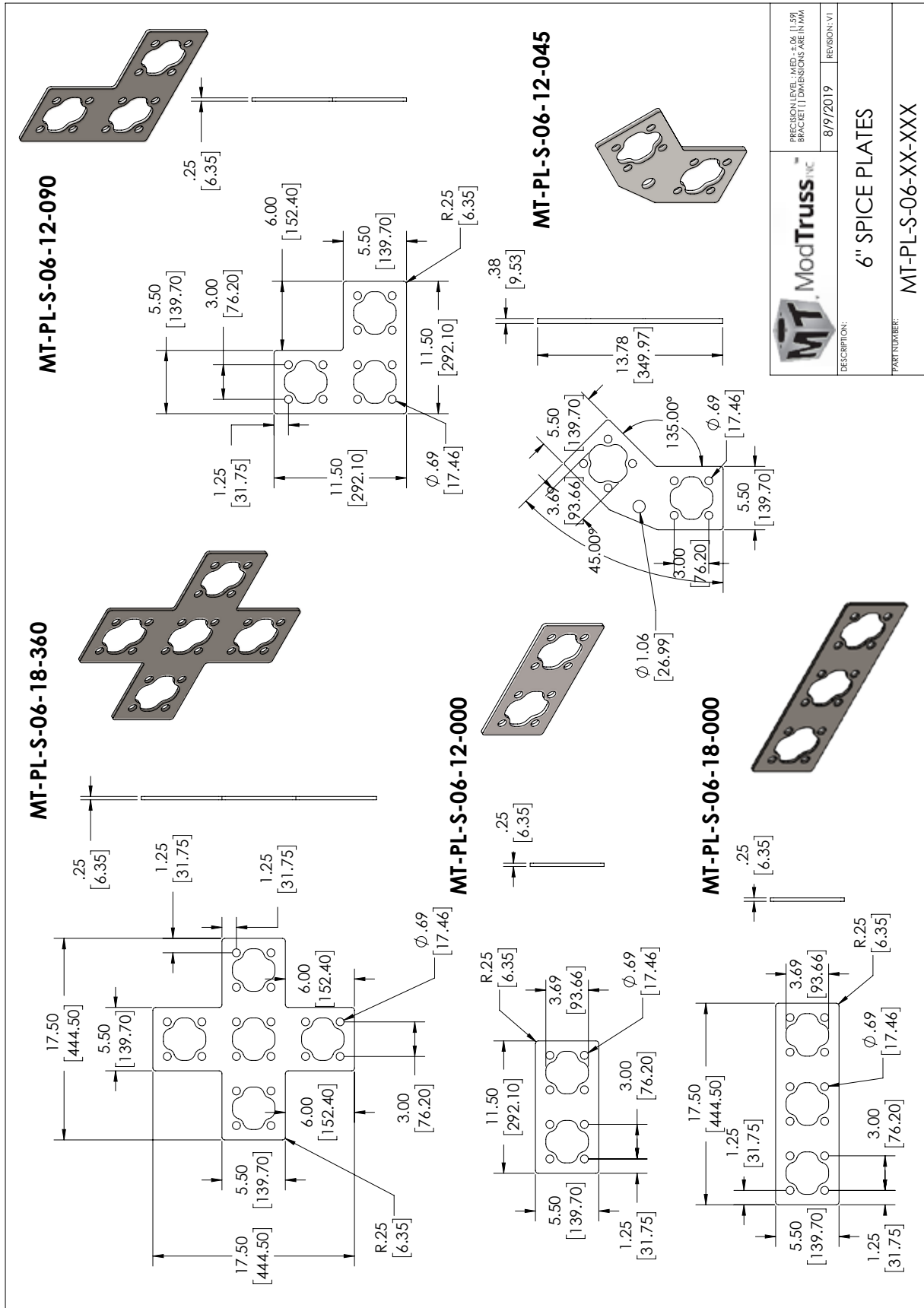
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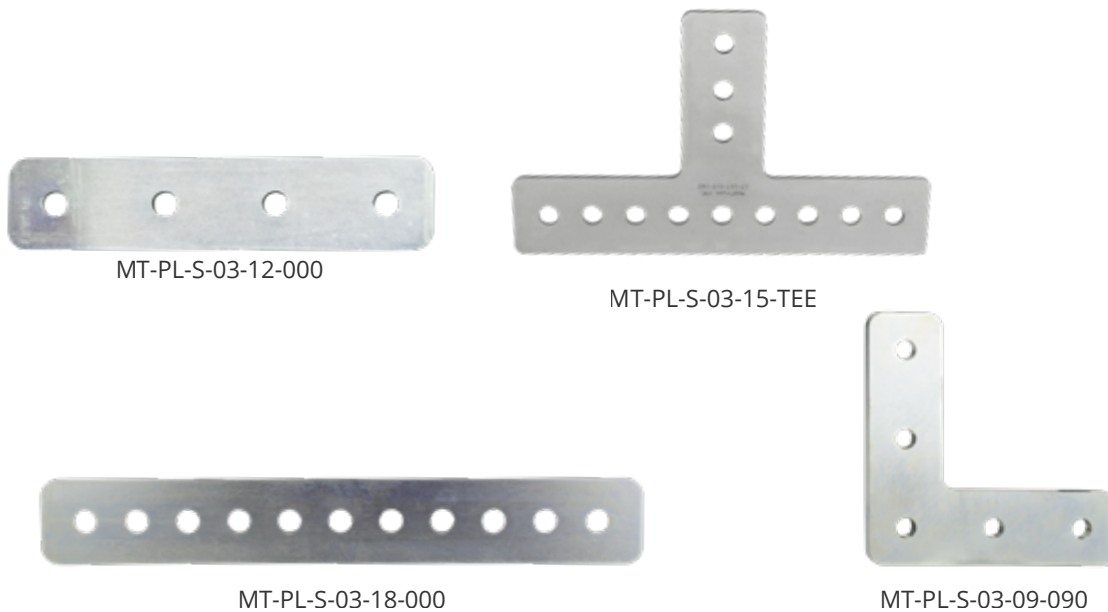
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3" Splice Plates

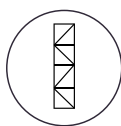


Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

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)



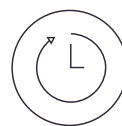
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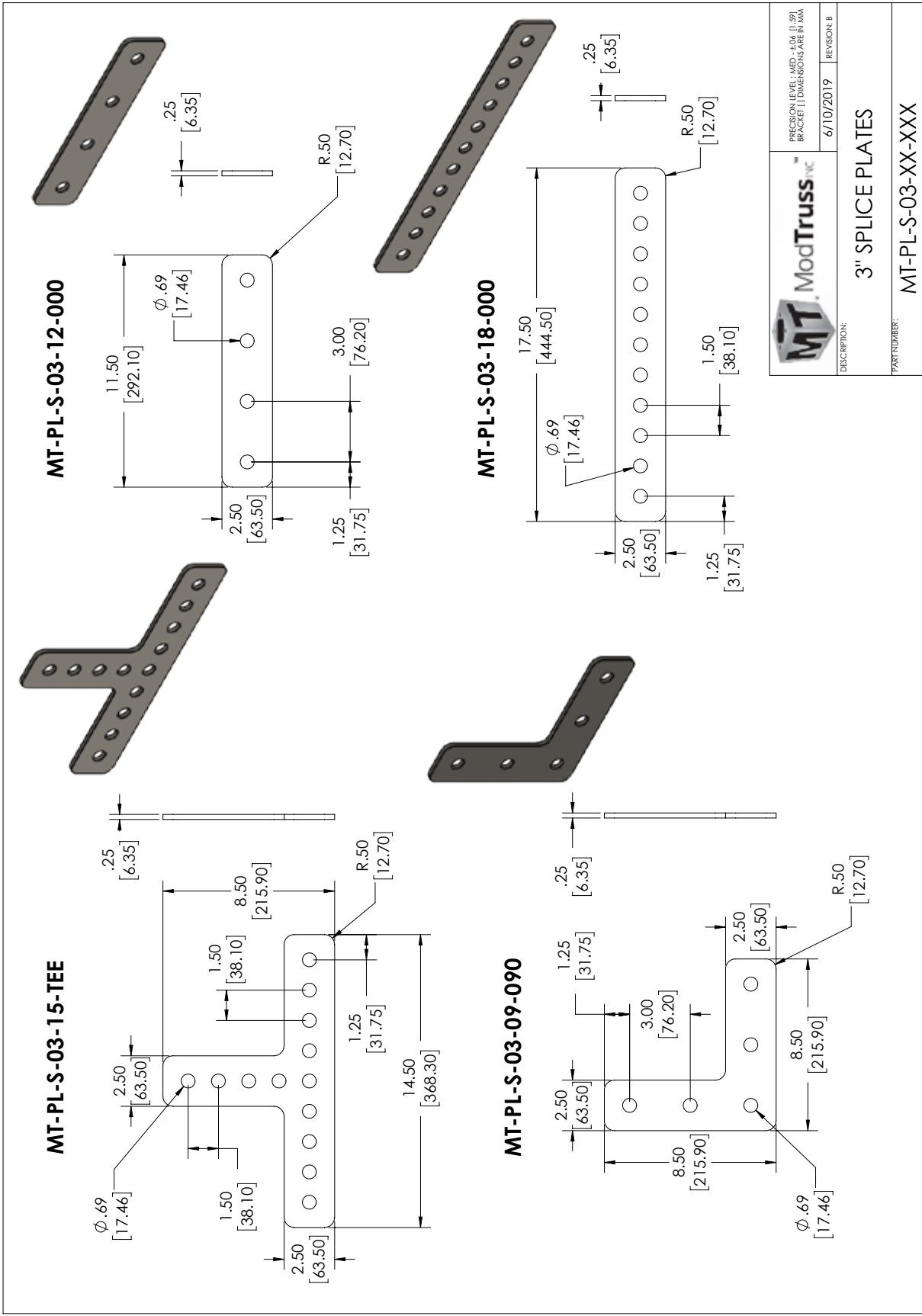
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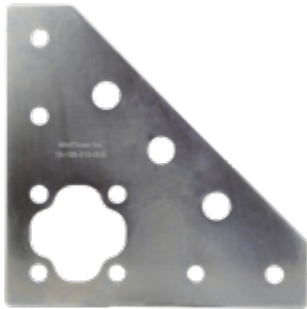
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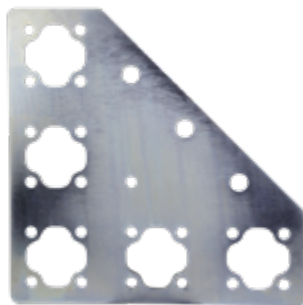
Made To
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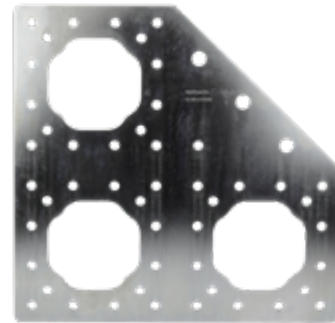
90° Gusset Splice Plates



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



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



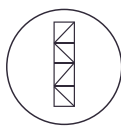
MT-PL-S-G-12-24-090

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 Mod Truss 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)



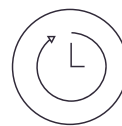
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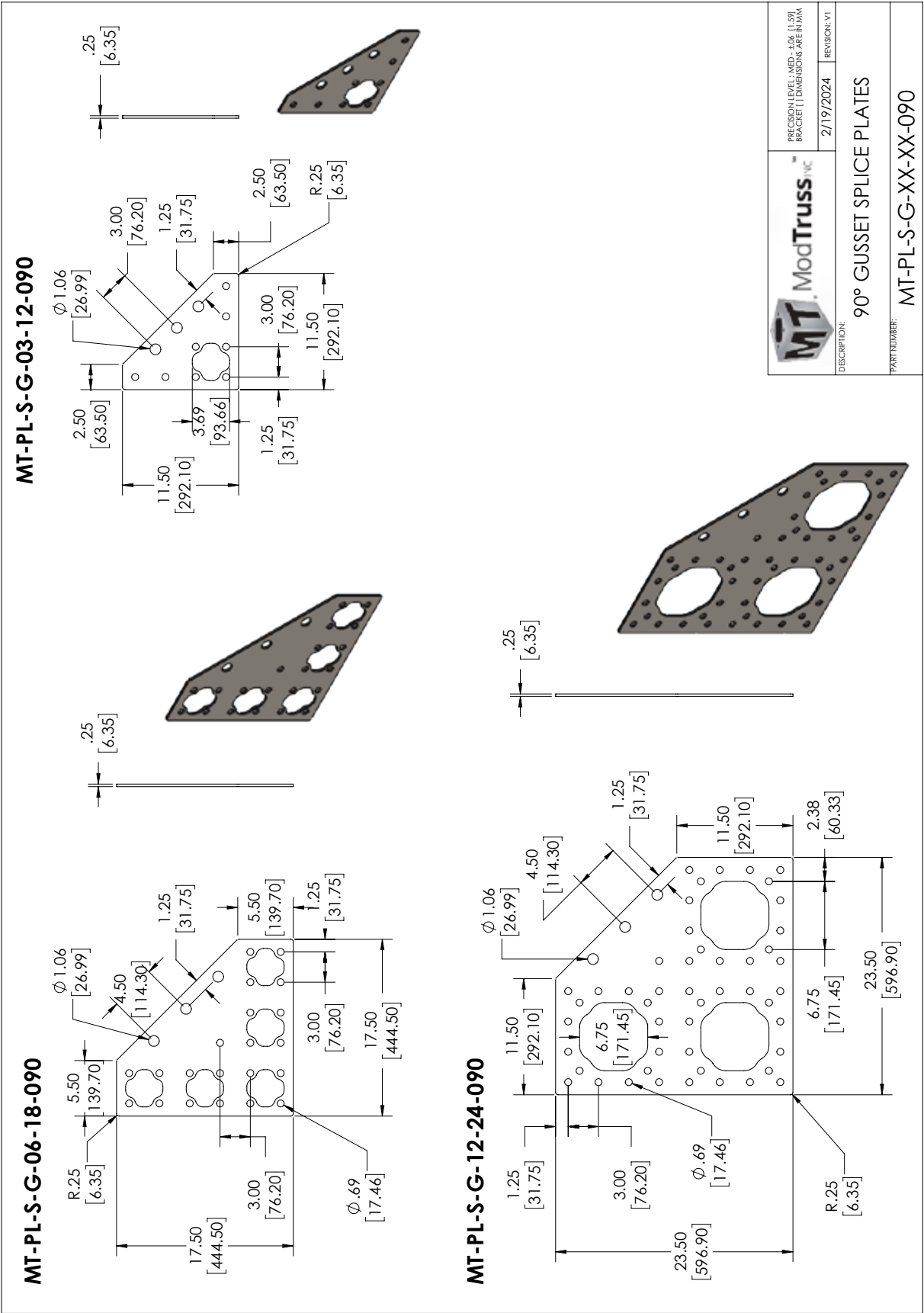
Compatible



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Traceable



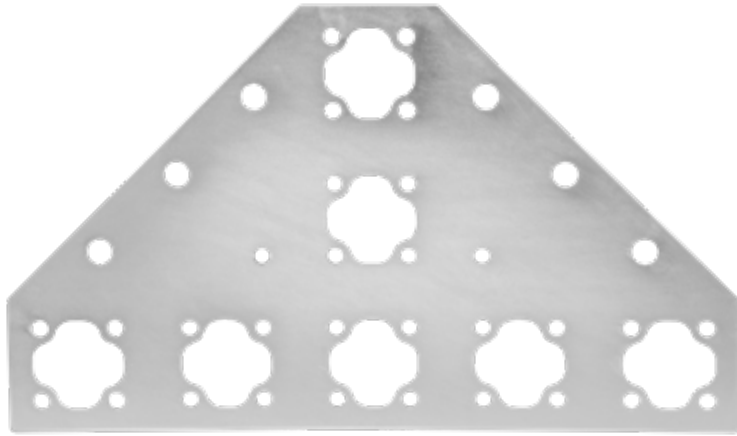
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Order



180° Gusset Splice Plates



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



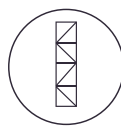
MT-PL-S-G-06-18-180

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

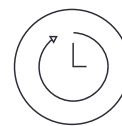
Part #	Size	Weight
MT-PL-S-G-03-09-180 3"x9" Gusset Splice Plate- 180°	8.81" x 8.81" x 0.25" (223.75mm x 223.75mm x 6.35mm)	3.05lbs (1.38kg)
MT-PL-S-G-06-18-180 6"x18" Gusset Splice Plate- 180°	17.5" x 29.5" x 0.25" (444.50mm x 749.30mm x 6.35mm)	20.00lbs (9.07kg)

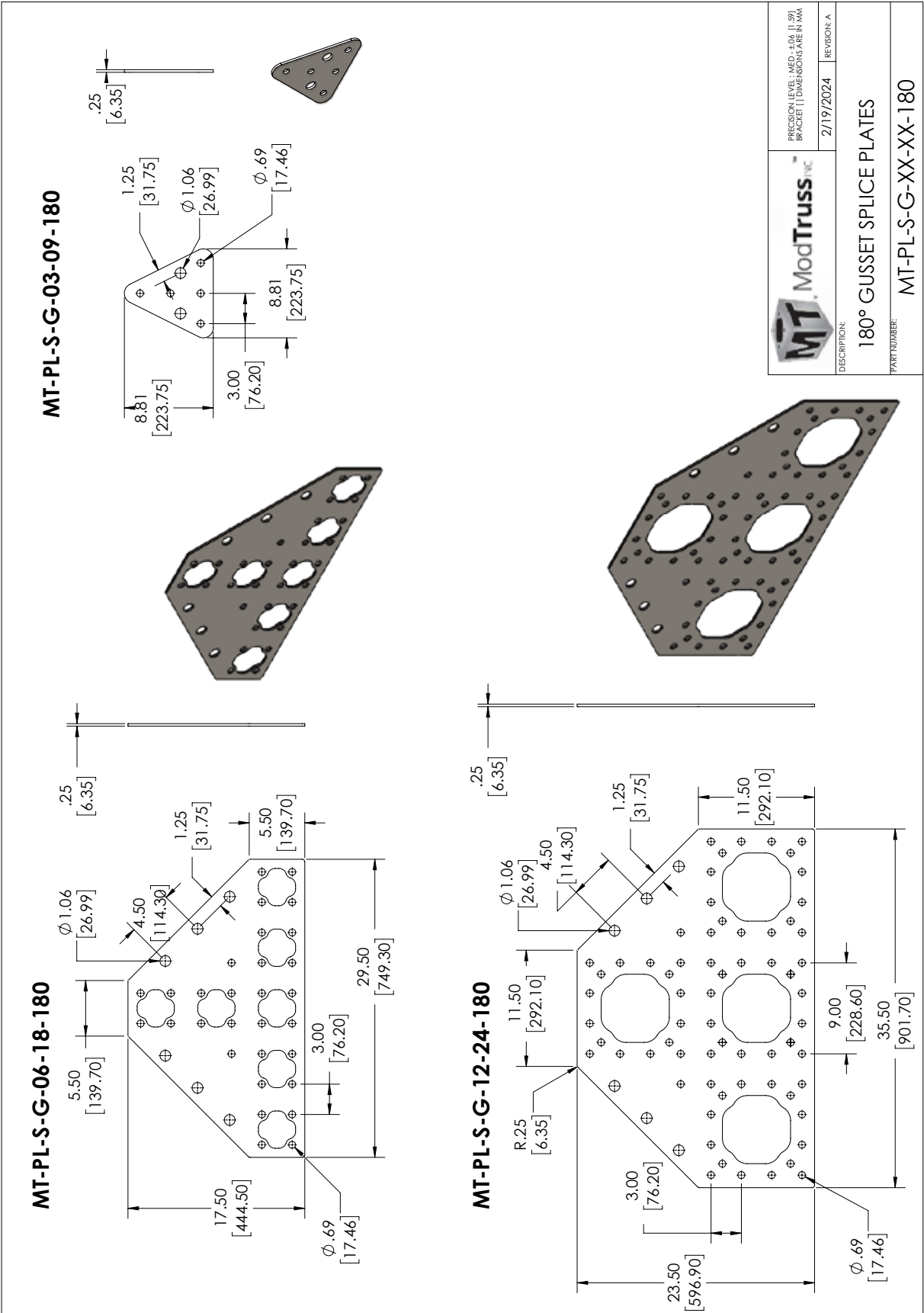


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PLATES									
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW
TK	MH	FT	GL						

3" Bent Splice Plates - 90°



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



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



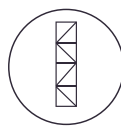
MT-PL-S-B-03-03-03-0025-090

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" (17.46mm)
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 (.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)



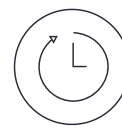
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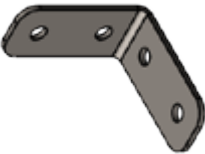
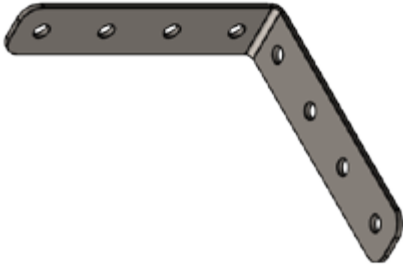
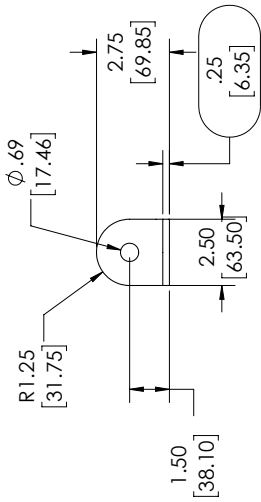
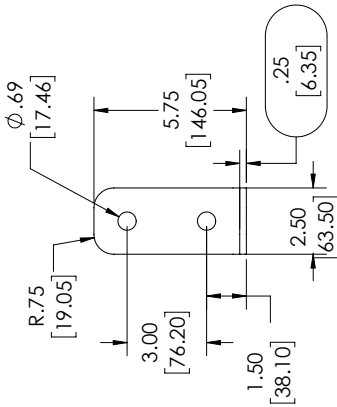
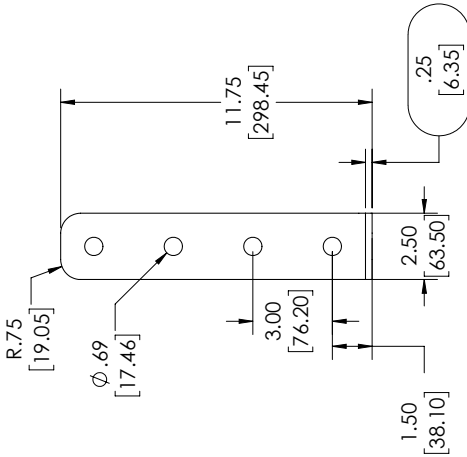
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MT-PL-S-B-03-03-0025-090	MT-PL-S-B-03-03-06-0025-090	MT-PL-S-B-03-03-12-0025-090
		
MT-PL-S-B-03-06-06-0025-090	MT-PL-S-B-03-06-12-0025-090	MT-PL-S-B-03-12-12-0025-090
		
		
		
		
PRECISION LEVEL - MED - +0.4 (-1.5) BRACKET () DIMENSIONS ARE IN MM		
REVISION: A		
2/19/2024		
DESCRIPTION: 3" FAMILY BENT ANGLE SPLICE PLATES (1/4")		
PART NUMBER: MT-PL-S-B-03-XX-XX-0025-090		

6" Bent Splice Plates 90°



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



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



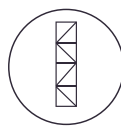
MT-PL-S-B-06-03-03-0025-090

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



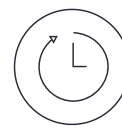
In Stock



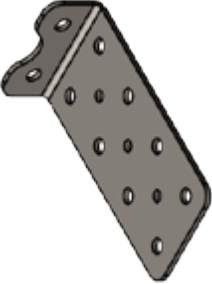
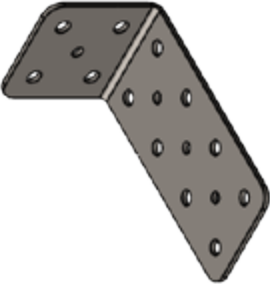
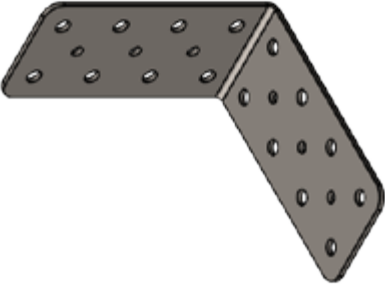
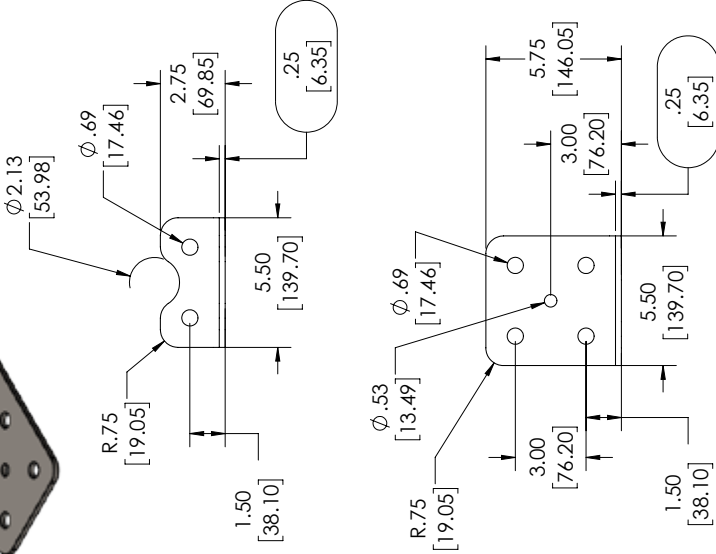
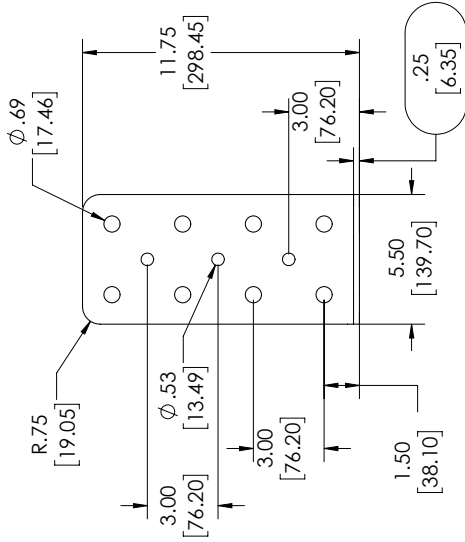
Compatible



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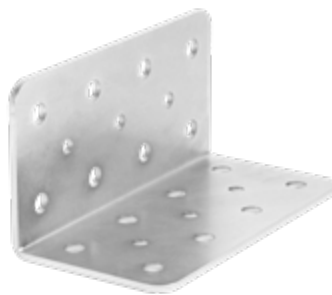
		
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MT-PL-S-B-06-06-06-0025-090	MT-PL-S-B-06-06-12-0025-090	MT-PL-S-B-06-12-12-0025-090
		
		
		
PRECISION LEVEL: MED. +0.04 (-1.59) BRACKET (I) DIMENSIONS ARE IN MM		
2/19/2024		
REVISION: A		
DESCRIPTION: 6" FAMILY BENT ANGLE SPLICE PLATES (1/4")		
PART NUMBER: MT-PL-S-B-06-XX-XX-0025-090		

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

12" Bent Splice Plates 90°



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



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



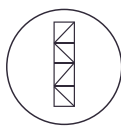
MT-PL-S-B-12-03-03-0025-090

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



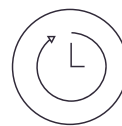
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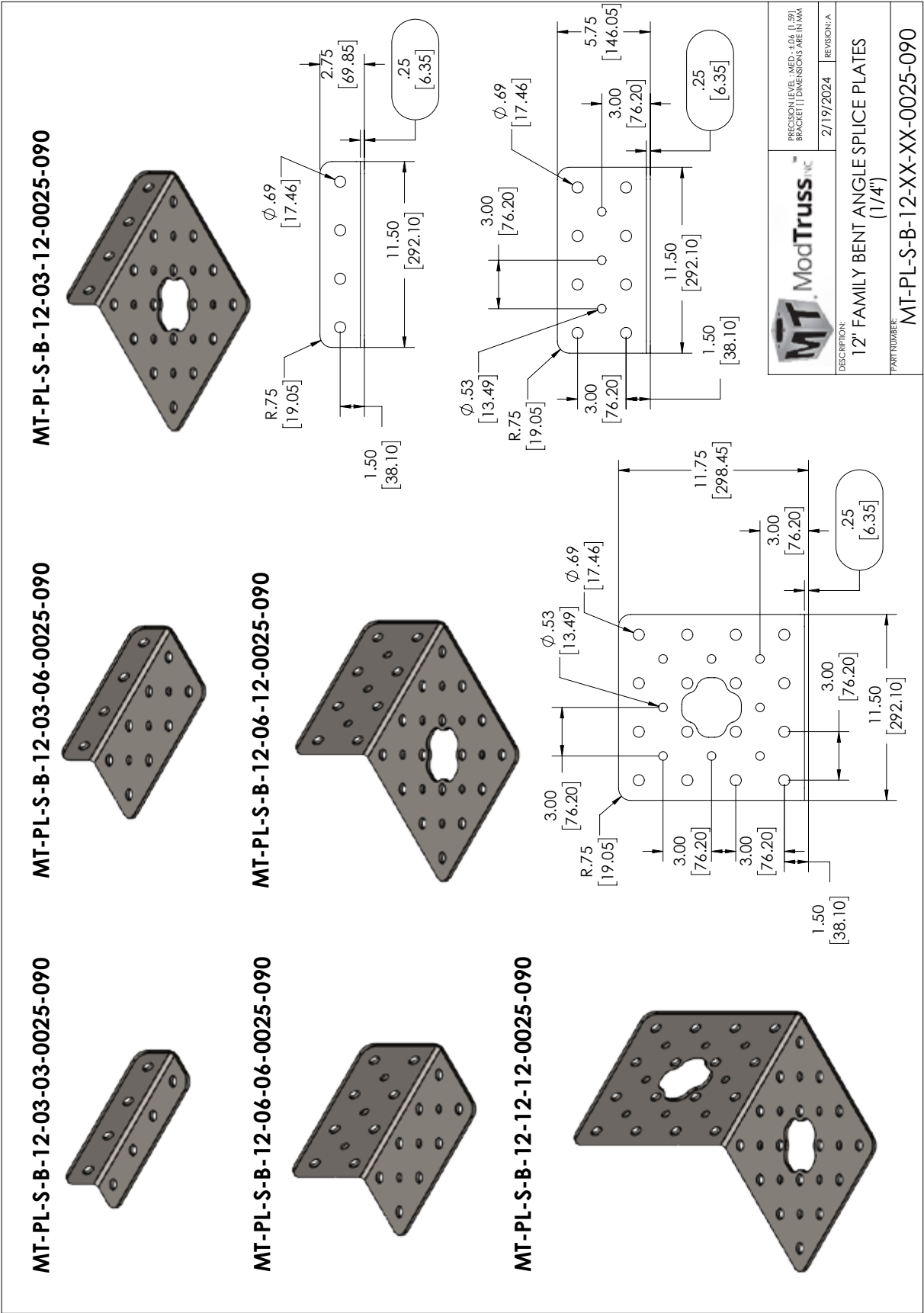
Compatible



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Traceable

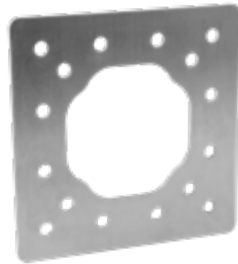


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PLATES									
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW
TK	MH	FT	GL						

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 Mod Truss Connection Guide
Recommended Tools	Tool Kit 1

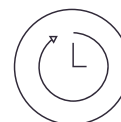
Part #	Standard Material	Standard Finish	Available Finish(es)	Size	Weight
MT-PL-SP-06-06-0013-AL 6" x 6" x .125" Aluminum Spacer Plate	5052-H32 Aluminum	02 - No Finish	20-30	6" x 6" x 0.125" (152.40mm x 152.40mm x 3.17mm)	0.30lbs (0.13kg)
MT-PL-SP-06-06-0013-ST 6" x 6" x .125" Steel Spacer Plate	A36 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)

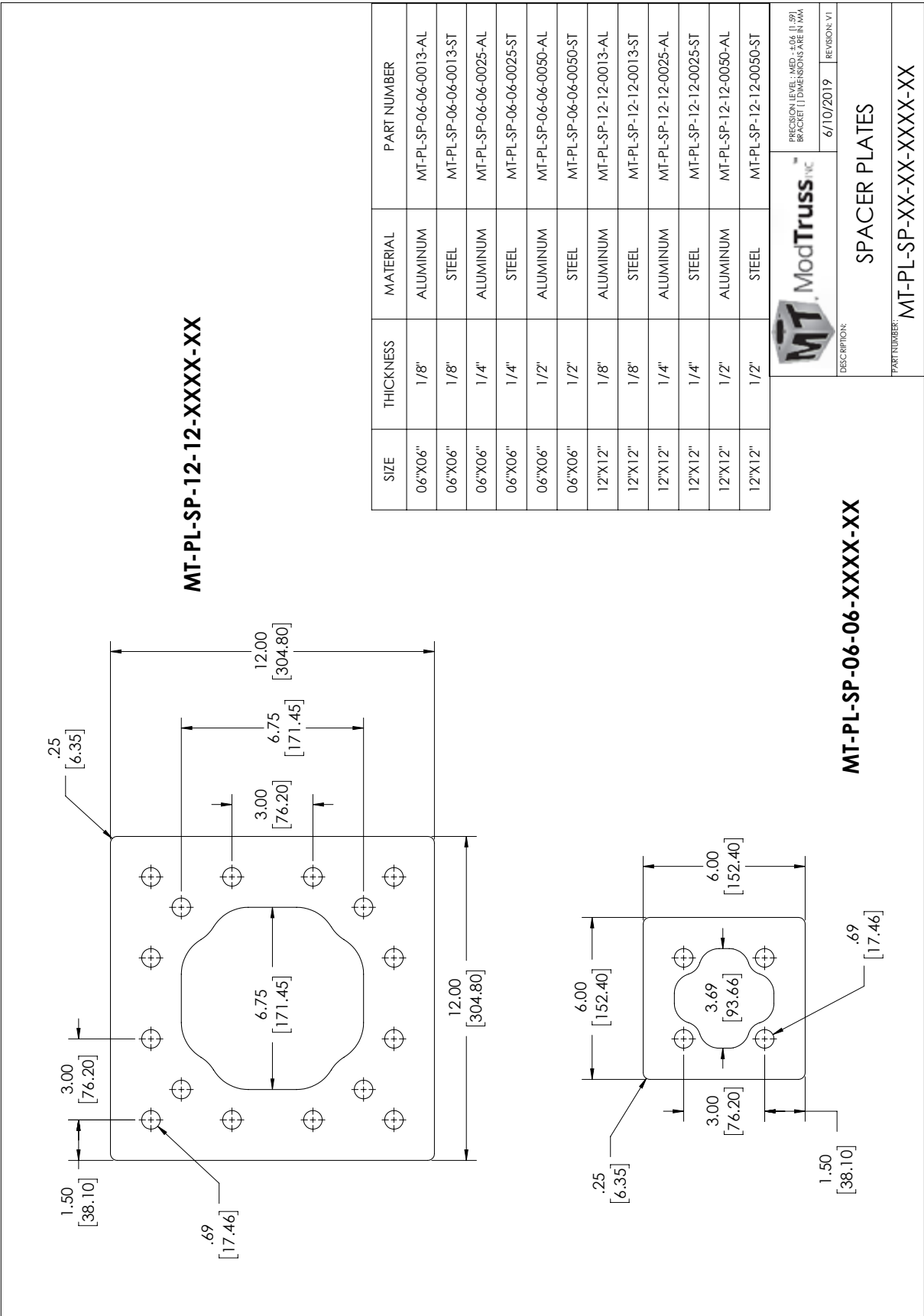


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Weld Blanks



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

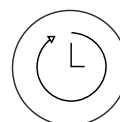
Part #	Size	Weight
MT-PL-WB-06-06-0025-AL 6" x 6" x 1/4" Aluminum Weld Blank	5.75" x 5.75" x 0.25" (146.05mm x 146.05mm x 6.35mm)	0.70lbs (0.31kg)
MT-PL-WB-06-06-0025-ST 6" x 6" x 1/4" Steel Weld Blank	5.75" x 5.75" x 0.25" (146.05mm x 146.05mm x 6.35mm)	2.10lbs (0.95kg)
MT-PL-WB-06-06-0050-AL 6" x 6" 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" Steel 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)

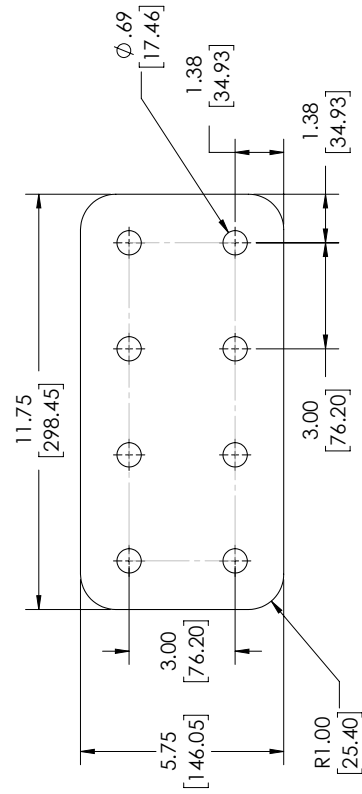
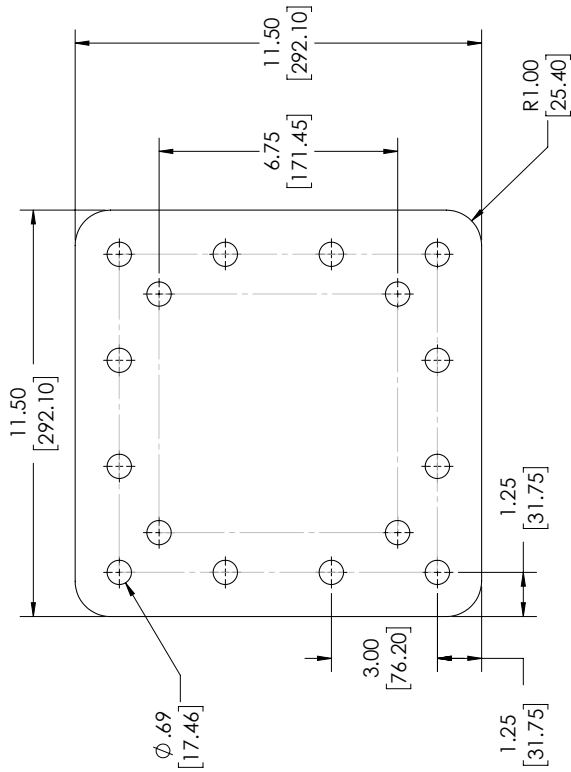
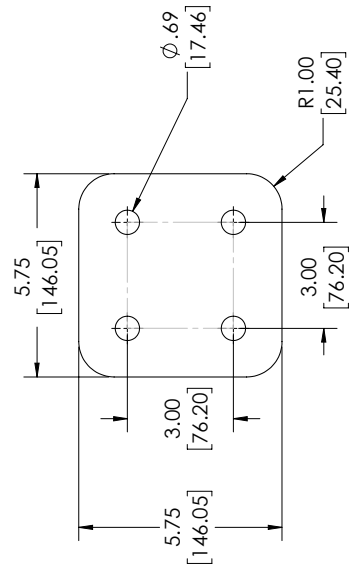


In Stock



Compatible

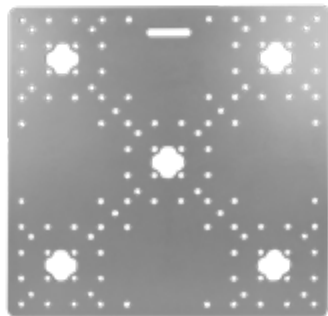

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MT-PL-WB-06-12

MT-PL-WB-12-12

MT-PL-WB-06-06


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

	WELD BLANKS	
	DESCRIPTION:	REVISION: V1
PART NUMBER: MT-PL-WB-XX-XX-XXXX-XX		

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)



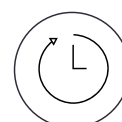
In Stock



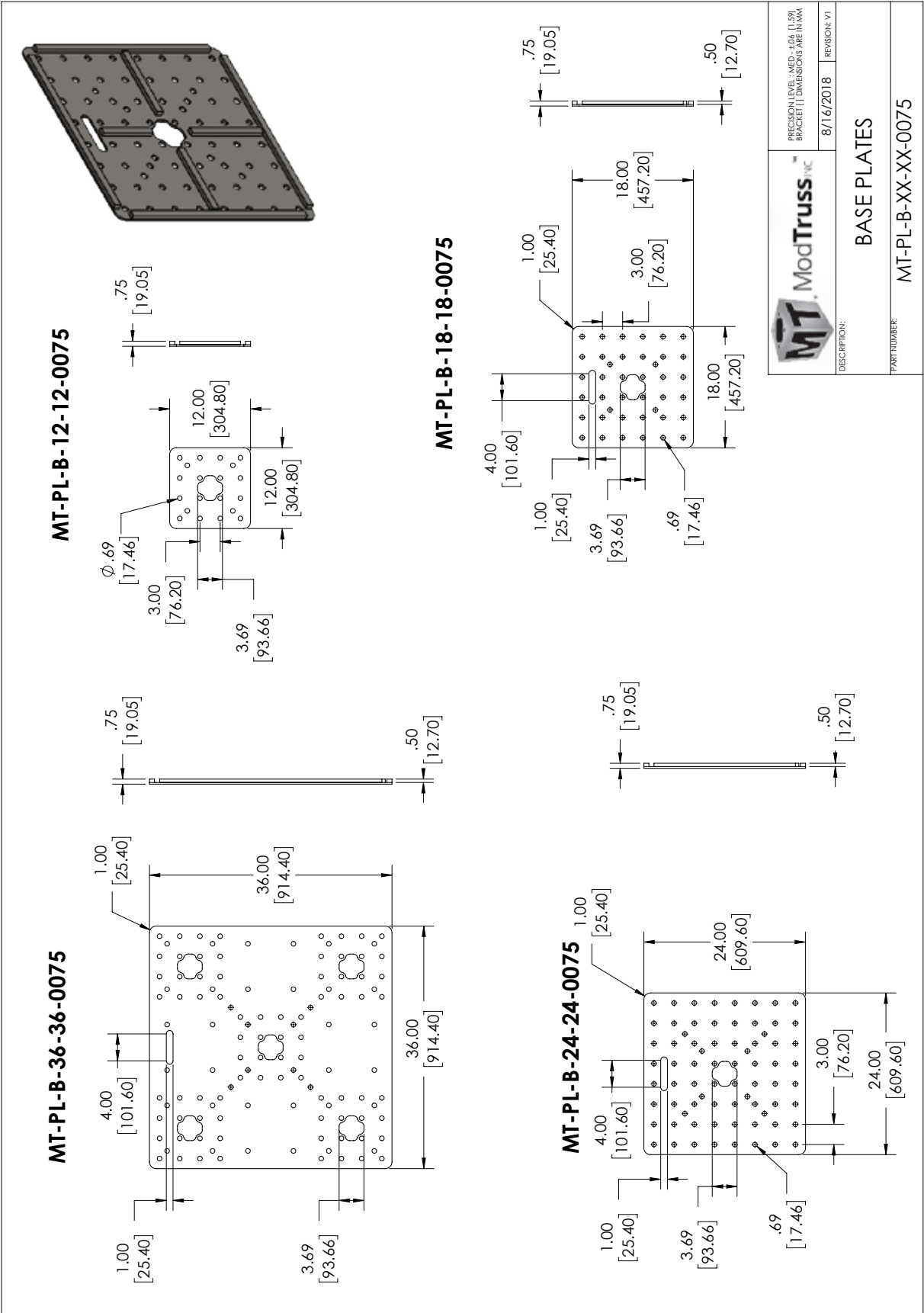
Compatible



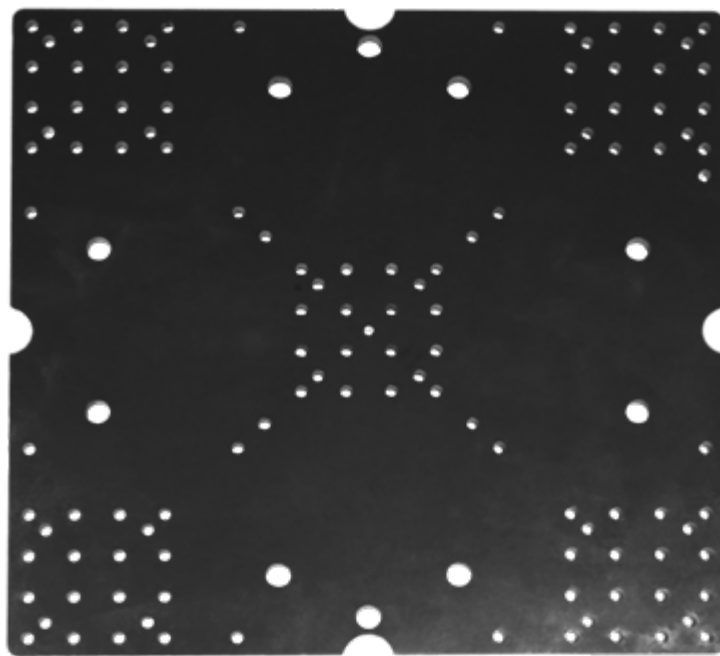
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48" x 48" x 1" Base Plate



MT-PL-B-48-48-0100

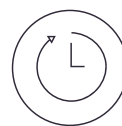
Standard Material	A36 Low Carbon Steel
Standard Finish	20 - Semi Gloss Black Powder Coated
Available Finish(es)	20-30 Powder Coated
Size	48" x 48" x 1" (1219.20mm x 1219.20mm x 25.40mm)
Weight	630lbs* (285.76kg) *Not Certified
Bolt Hole Size	1 1/16" (17.46mm)
Recommended Hardware	See ModTruss Connection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



In Stock



Compatible

Serialized &
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Order

TR

EX

PL

JH

PA

HG

MO

RG

AC

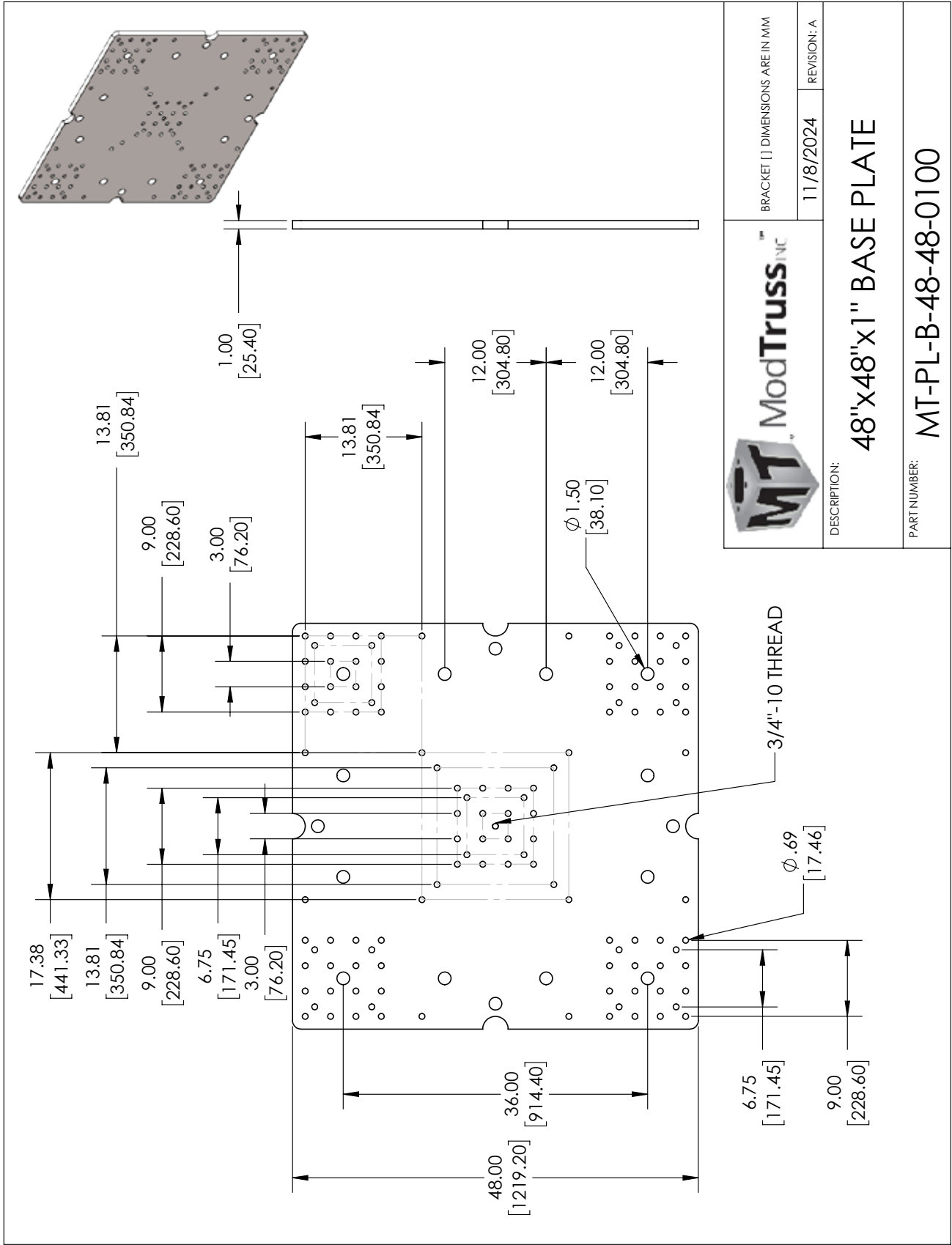
HW

TK

MH

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GL

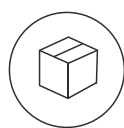


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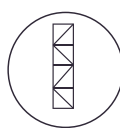


MT-PL-B-BB-36-36-36

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



Serialized &
Traceable



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

JOIST HANGERS



Integrate wood joists into your projects with reusable Mod**Truss** 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



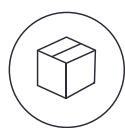
MT-JH-02-06-090



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 ModTruss 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



In Stock



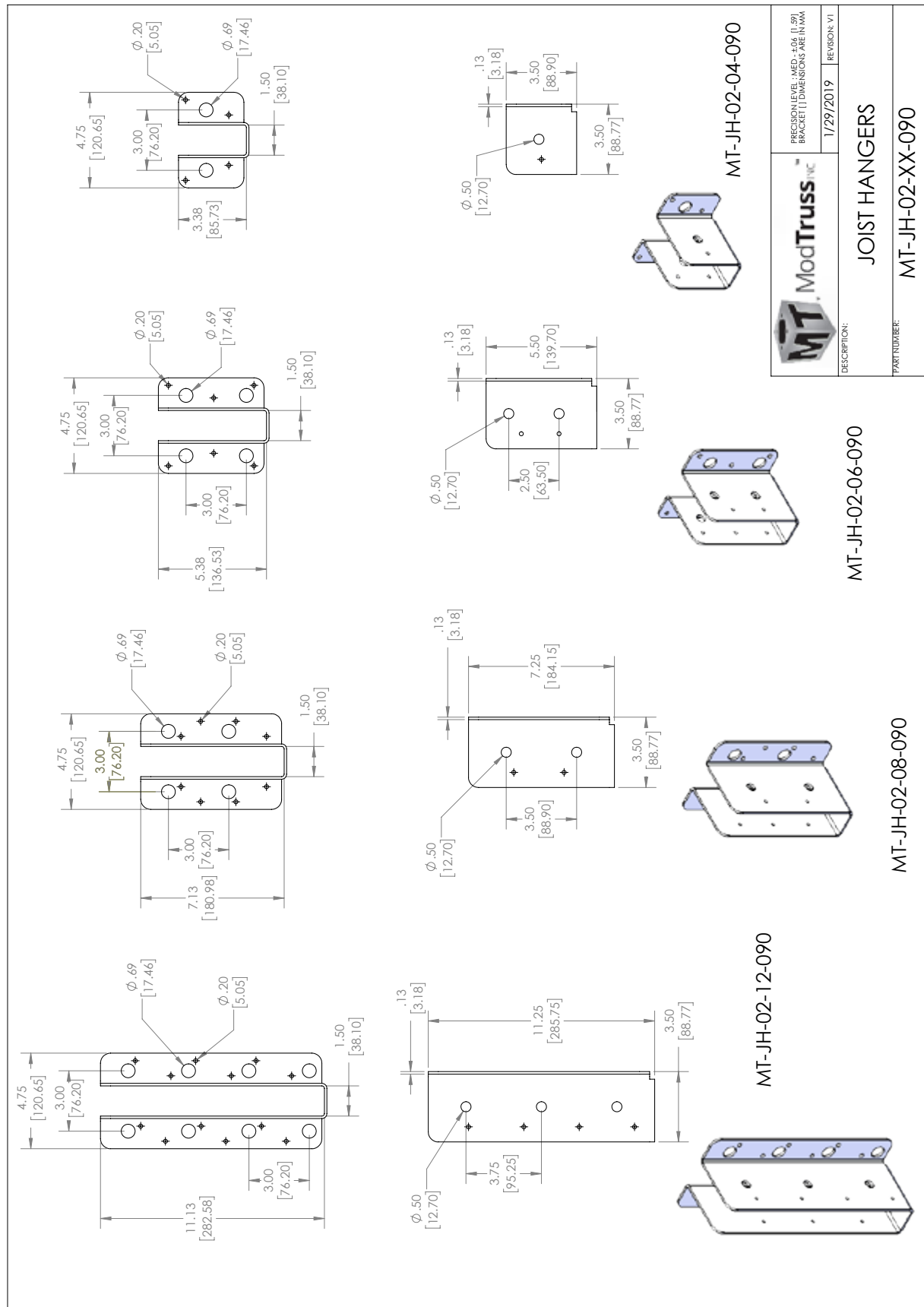
Compatible



Serialized &
Traceable



Made To
Order



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



In Stock



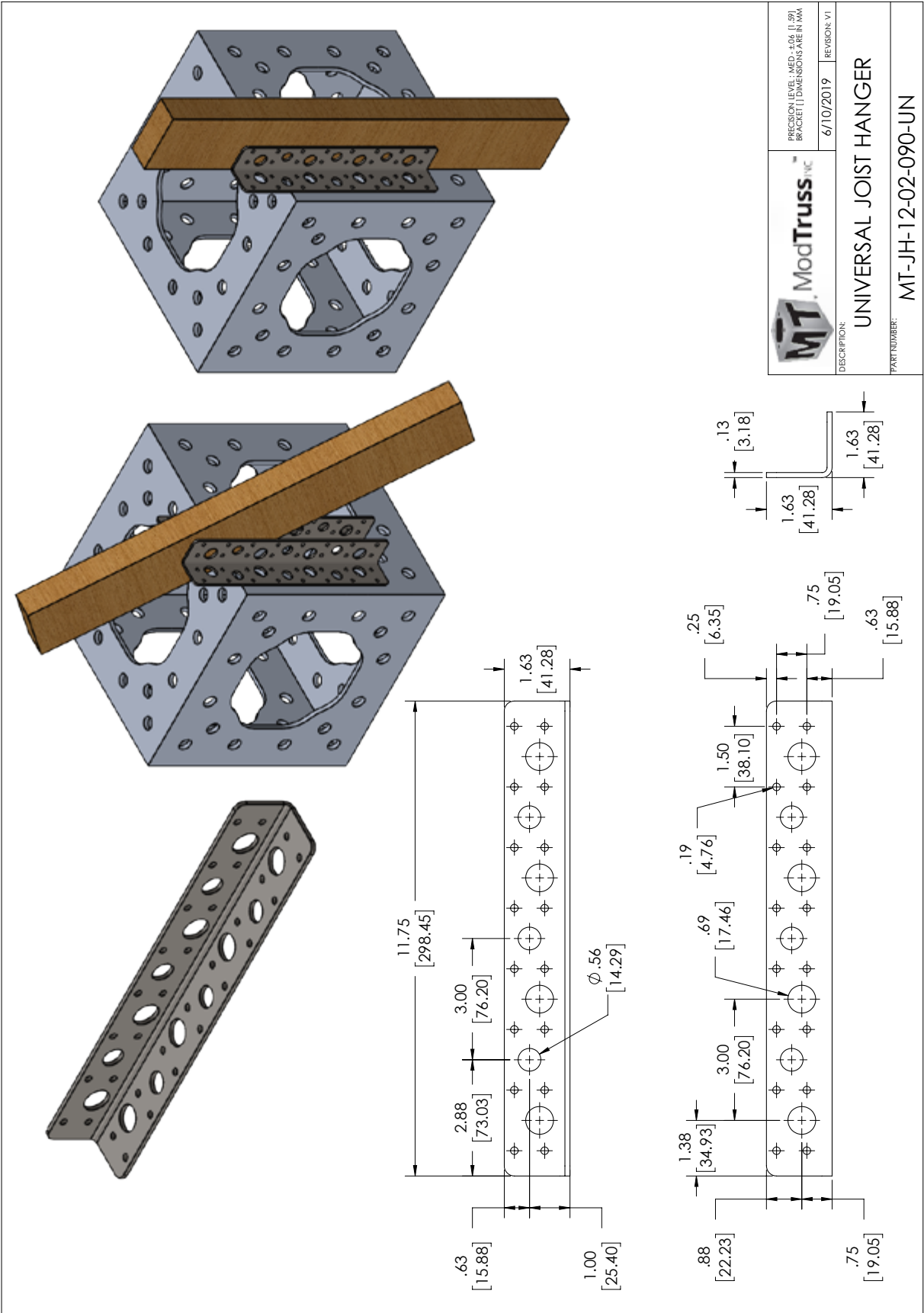
Compatible



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Traceable



Made To
Order



— 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

JH

PA

HG

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HW

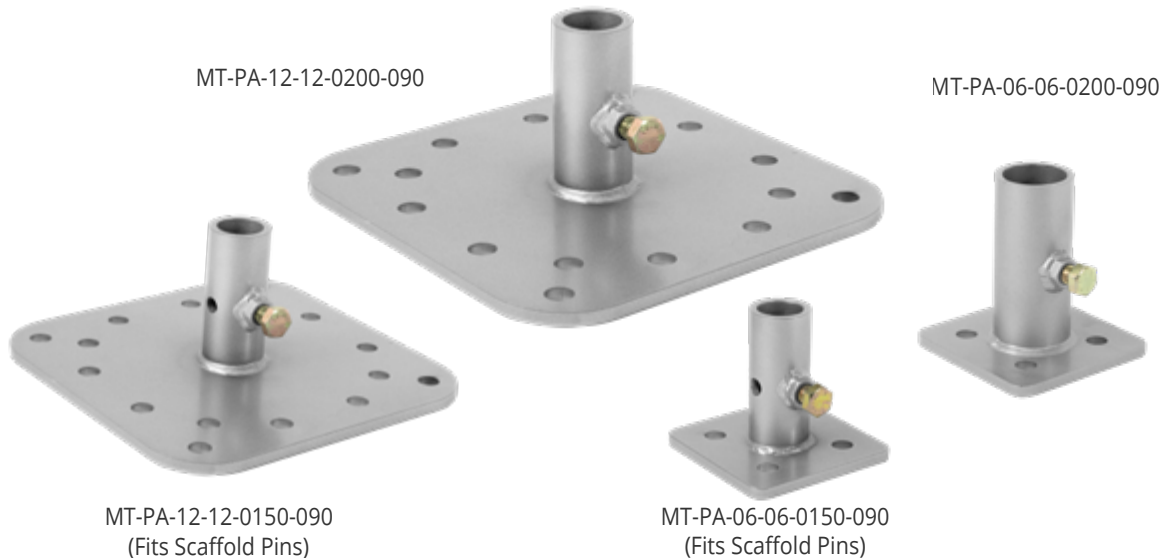
TK

MH

FT

GL

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)	15.15lbs (6.88kg)	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)	14.35lbs (6.51kg)	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)	5.25lbs (2.39kg)	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)	4.5lbs (2.05kg)	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



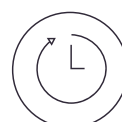
In Stock



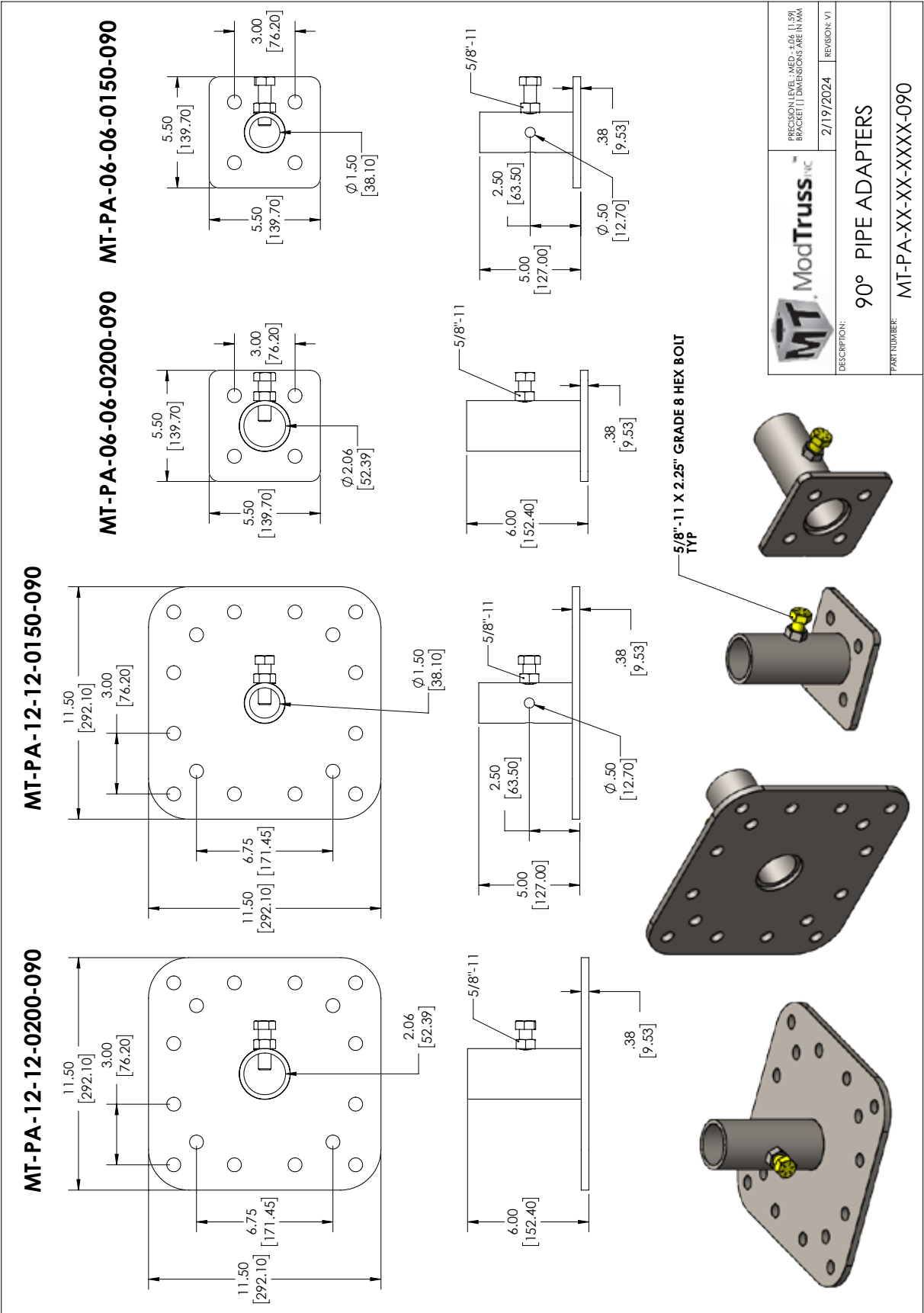
Compatible



Serialized &
Traceable



Made To
Order



TR

EX

PL

JH

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HG

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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	16.05lbs (7.28kg)
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



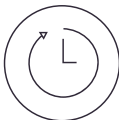
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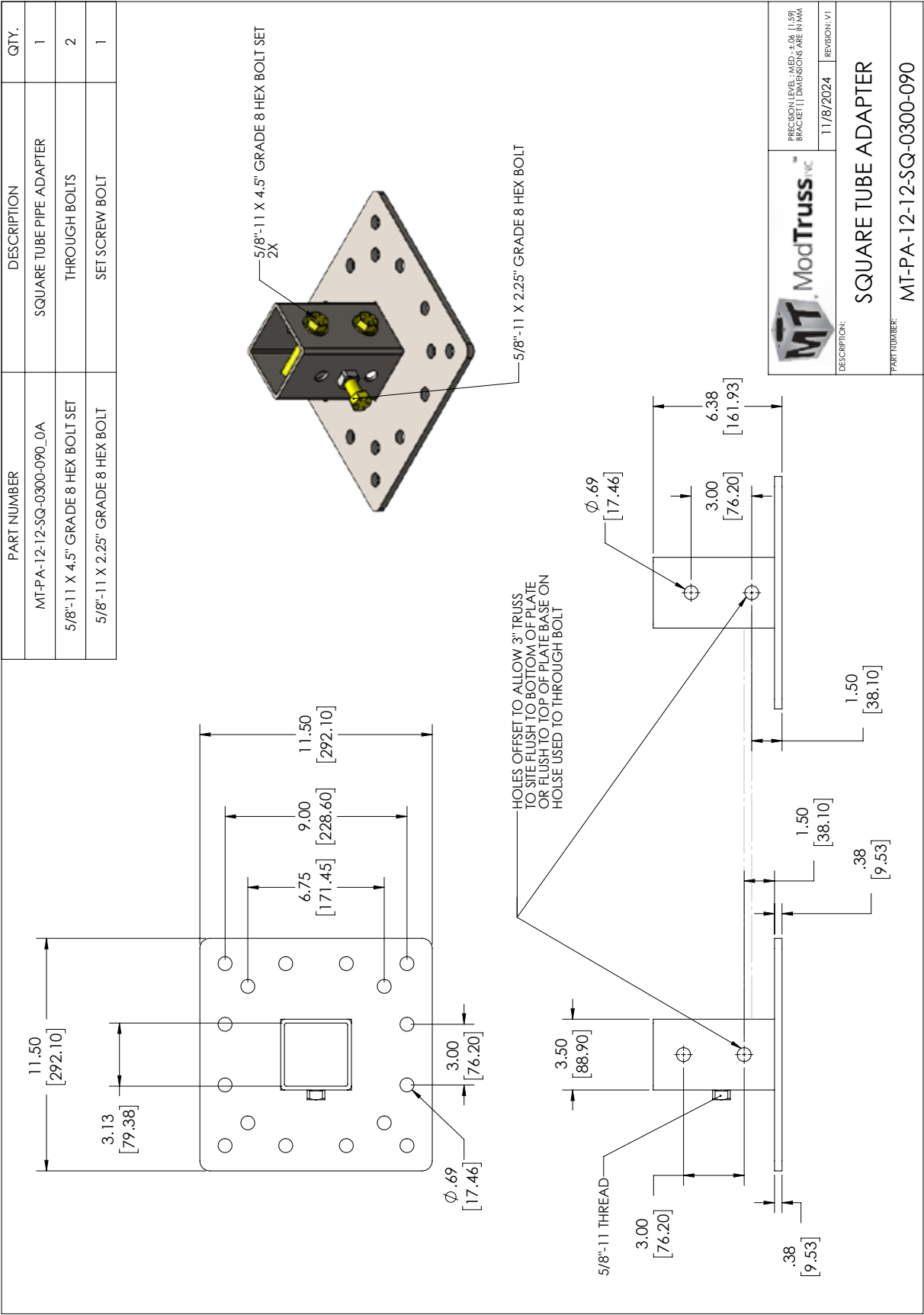
Compatible



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Traceable



Made To
Order



0° Pipe Adapters



MT-PA-06-12-0200-000



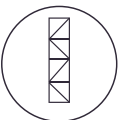
MT-PA-03-06-0200-000

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)	9.35lbs (4.25kg)	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)	1.60lbs (0.73kg)	11/16" (17.46mm) 2.06" (52.32mm)



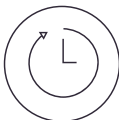
In Stock



Compatible



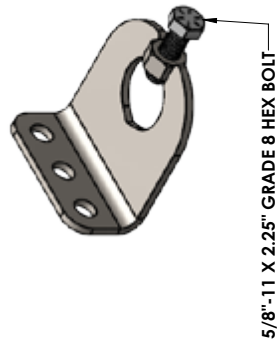
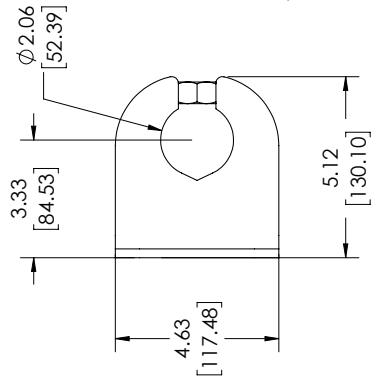
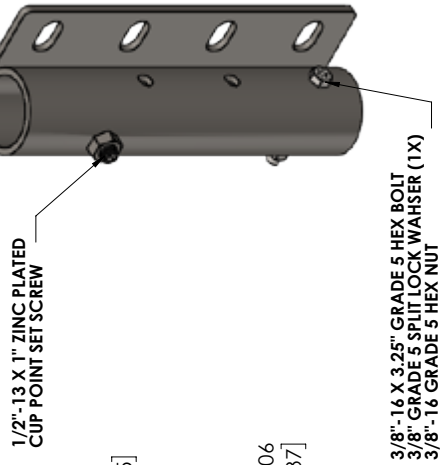
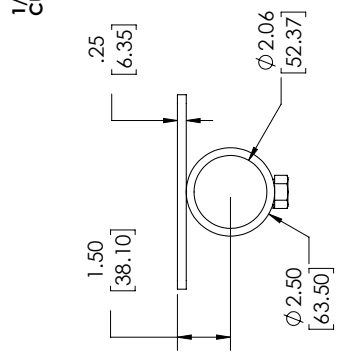
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Traceable



Made To
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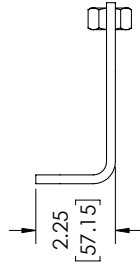
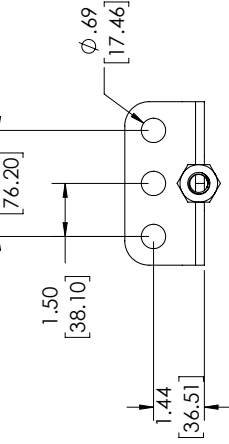
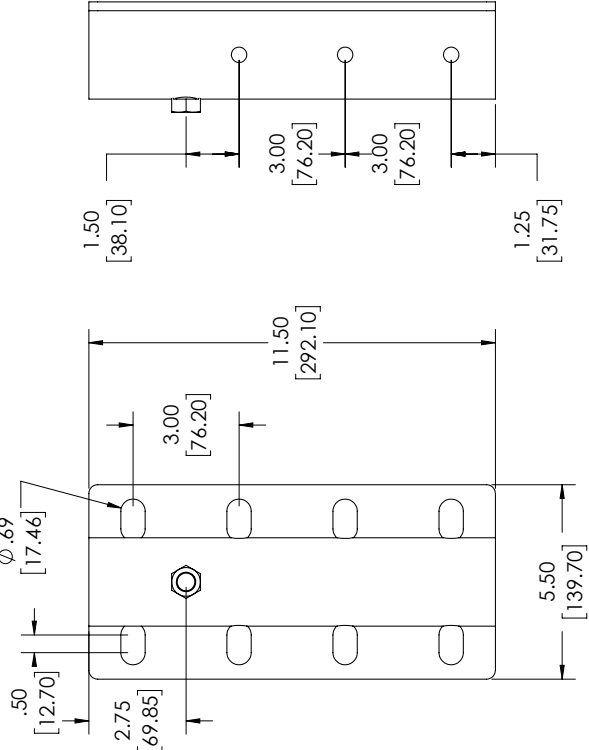
MT-PA-06-12-0200-000

MT-PA-03-06-0200-000



5/8"-11 X 2.25" GRADE 8 HEX BOLT

3/8"-16 X 3.25" GRADE 5 HEX BOLT
3/8" GRADE 5 SPLIT LOCK WASHER (1X)
3/8"-16 GRADE 5 HEX NUT



PRECISION LEVEL - MED. ±.04 [1.59]
BRACKET (I) 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 ModTruss 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)



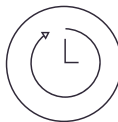
In Stock



Compatible



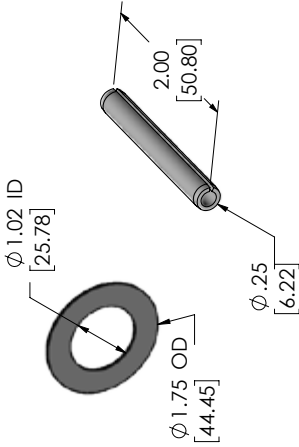
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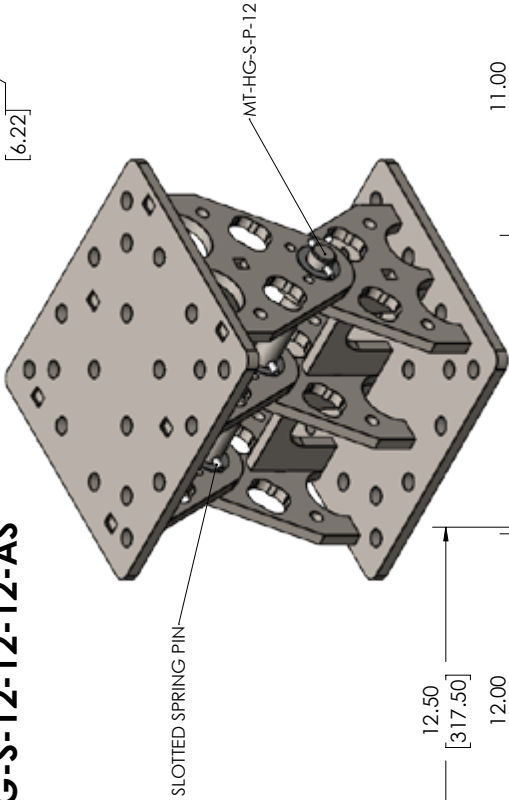
Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-HG-S-12-12-12	12" HINGE HALF	2
MT-HG-S-P-12	12" STANDARD HINGE PIN	1
SLOTTED SPRING PIN	SLOTTED SPRING PIN 1/4" OD 2" LONG	6
PLASTIC THRUST WASHER	.04" THICK PLASTIC WASHER	9

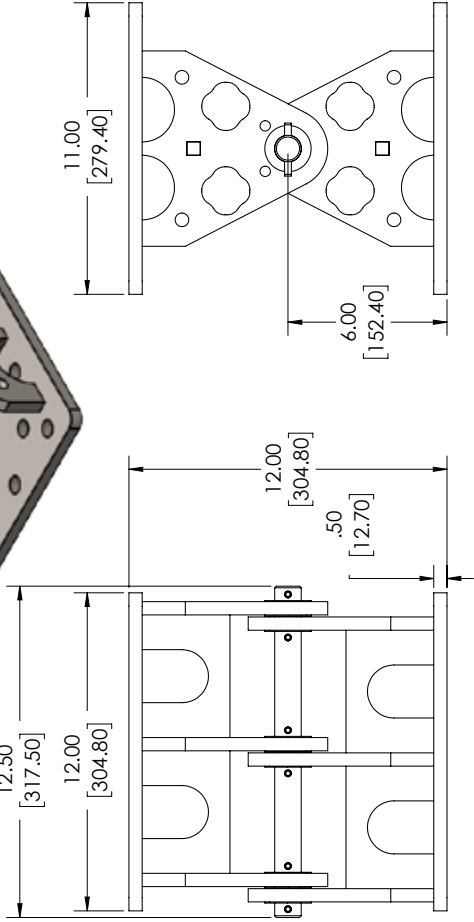
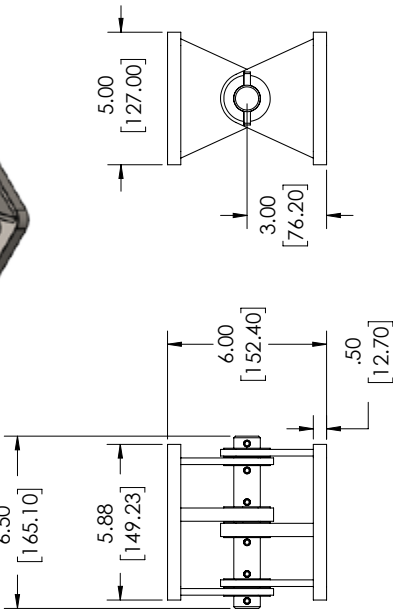
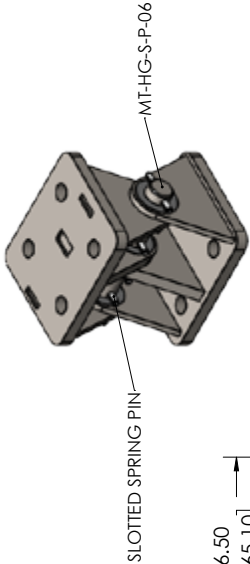
PART NUMBER	DESCRIPTION	QTY.
MT-HG-S-06-06-06	6" HINGE HALF	2
MT-HG-S-P-06	6" STANDARD HINGE PIN	1
SLOTTED SPRING PIN	SLOTTED SPRING PIN 1/4" OD 2" LONG	6
PLASTIC THRUST WASHER	.04" THICK PLASTIC WASHER	9



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



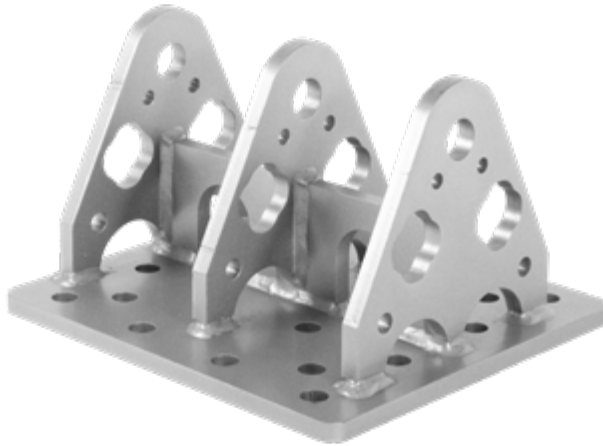
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	PRECISION LEVEL - MED - +.04 (-1.59) BRACKET (I) DIMENSIONS ARE IN MM
DESCRIPTION:	REVISION: A
180° HINGE ASSEMBLY	
PART NUMBER: MT-HG-S-XX-XX-XX-AS	

180° Hinge Half

MT-HG-S-12-12-12



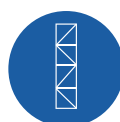
MT-HG-S-06-06-06

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)



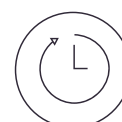
In Stock



Compatible

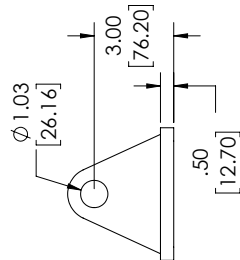
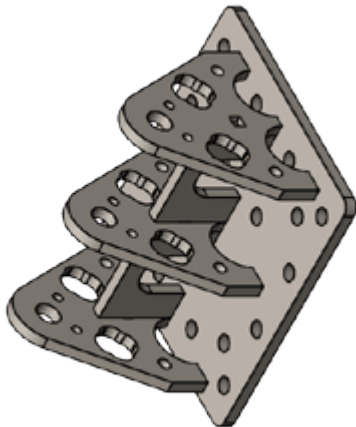
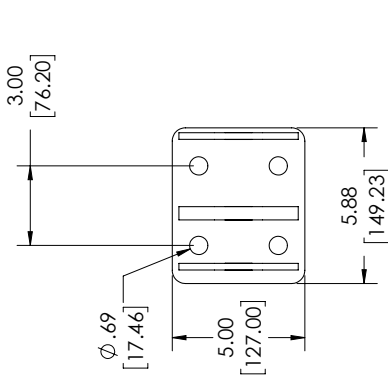


Serialized &
Traceable



Made To
Order

MT-HG-S-06-06-06



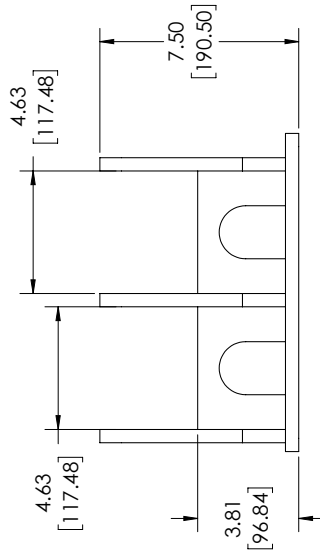
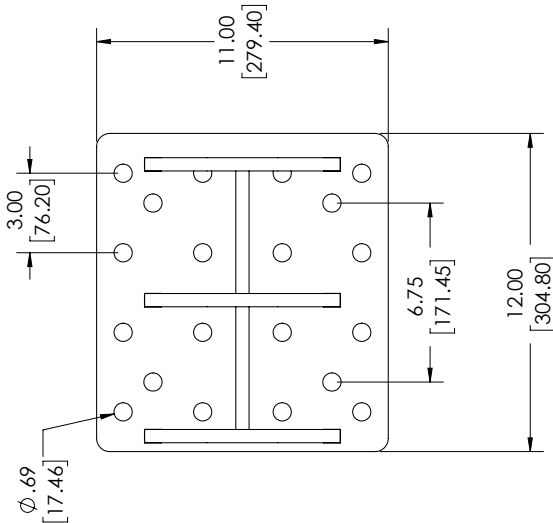
PRECISION LEVEL - MED. $\pm .04$ [1.59]
BRACKET DIMENSIONS ARE IN MM

REVISION: A

DESCRIPTION:
180° HINGE HALF

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

MT-HG-S-12-12-12



HINGES

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PL

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PA

HG

MO

RG

AC

HW

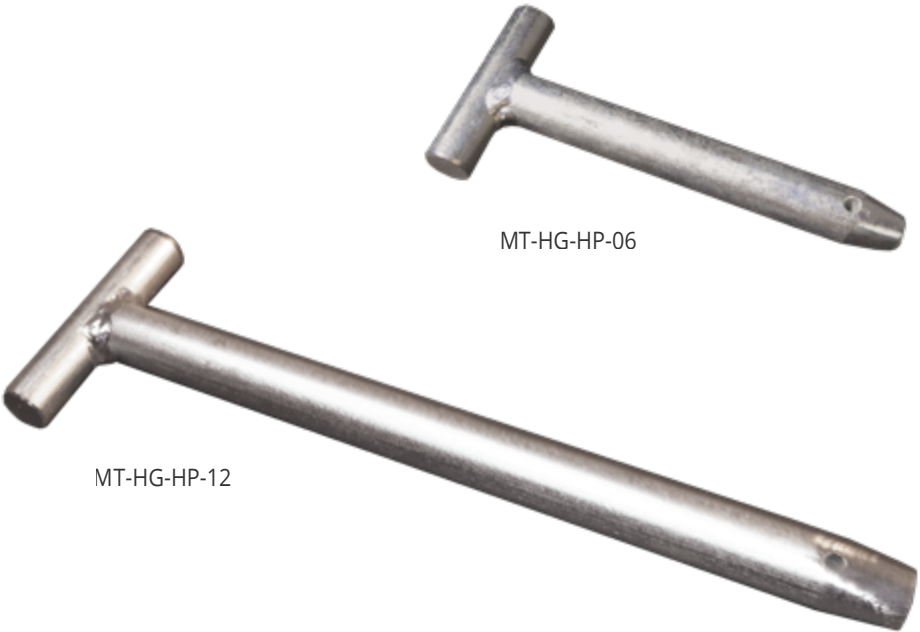
TK

MH

FT

GL

Hitch Pins

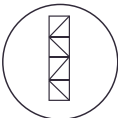


Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Hole Size	0.26" (6.50mm)
Recommended Hardware	Cotter Pin - MT-HW-P-CP-0448-0012-0110
Recommended Tools	Rubber Mallet

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)



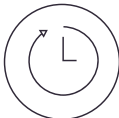
In Stock



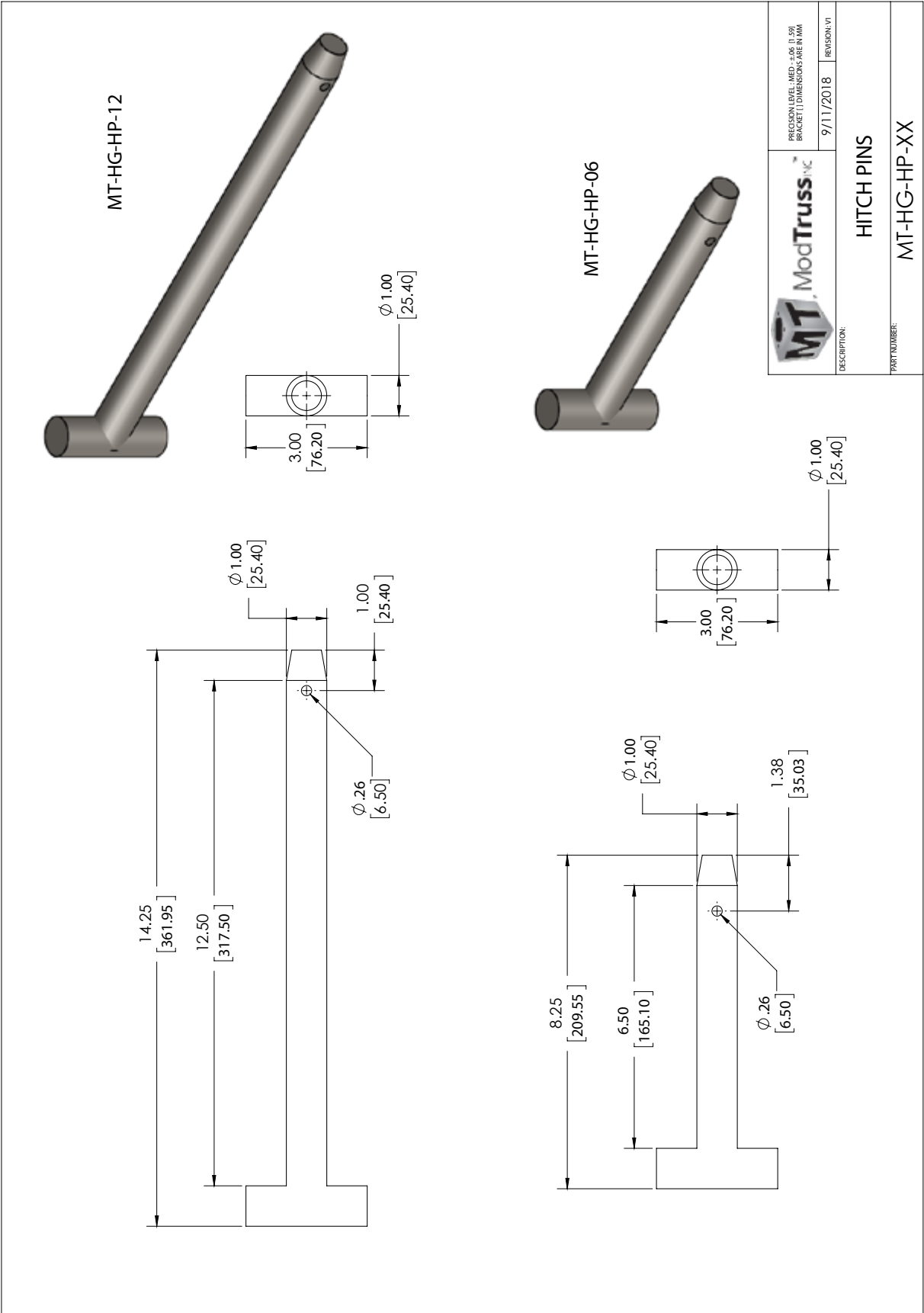
Compatible



Serialized &
Traceable



Made To
Order

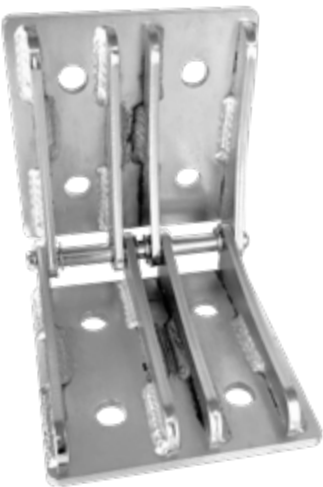


HINGES									
TR	EX	PL	JH	PA	HG	MO	RG	AC	HW
TK	MH	FT	GL						

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 ModTruss 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)



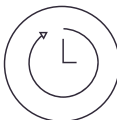
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Compatible



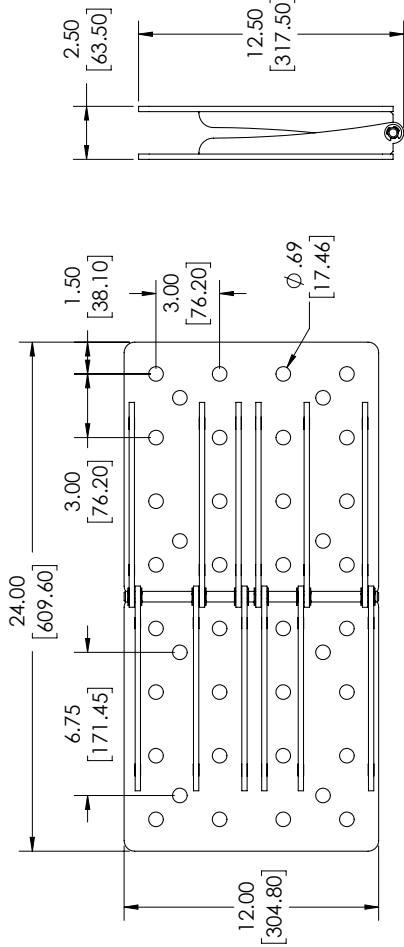
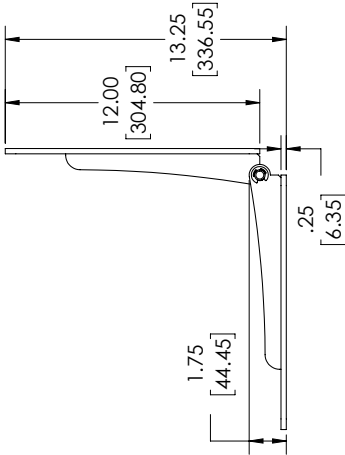
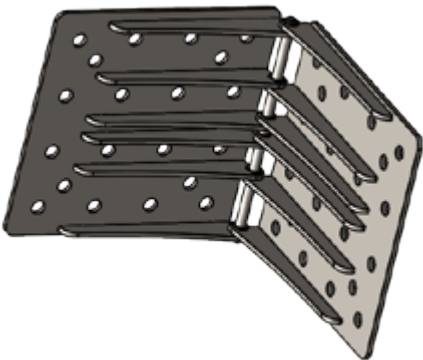
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Traceable



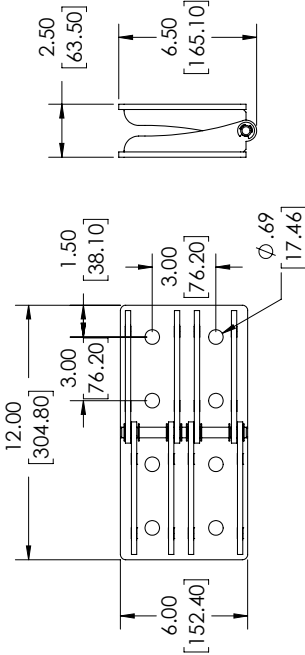
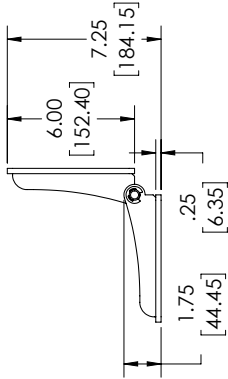
Made To
Order

RETAINING RING			RETAINING RING		
PART NUMBER	DESCRIPTION	QTY.	PART NUMBER	DESCRIPTION	QTY.
MT-HG-F-12-12-24_0A	12" FLAT HINGE WELDMENT	2	MT-HG-F-06-06-12_01	6" FLAT HINGE WELDMENT	2
MT-HG-F-12-12-24_03	HINGE PIN, Ø 0.5"	1	MT-HG-F-06-06-12_03	HINGE PIN, Ø 0.5"	1
RETAINING RING	EXTERNAL RETAINING RING FOR 1/2" SHAFT	12	RETAINING RING	EXTERNAL RETAINING RING FOR 1/2" SHAFT	8

MT-HG-F-12-12-24



MT-HG-F-06-06-12



		PRECISION LEVEL - MED. ±0.4 (1.59) BRACKET (I) DIMENSIONS ARE IN MM	
DESCRIPTION:		REVISION: A	
FLAT HINGES		3/18/2024	
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

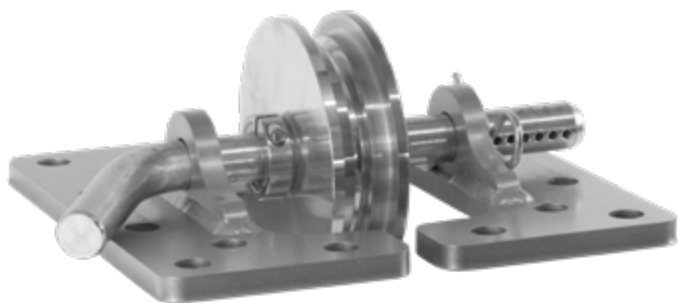
TK

MH

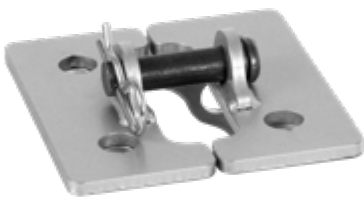
FT

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)	11/16" (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)	11/16" (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)



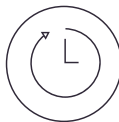
In Stock



Compatible



Serialized &
Traceable

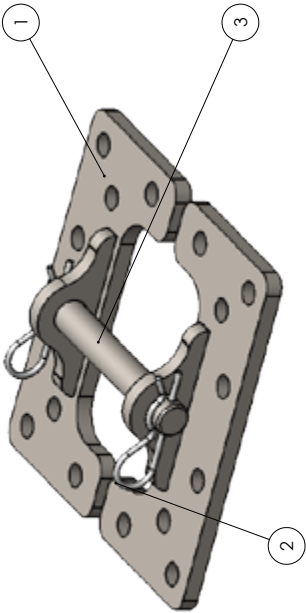
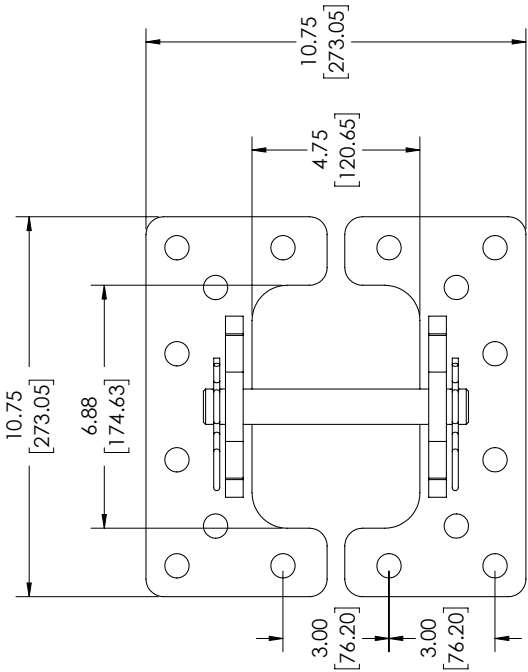


Made To
Order

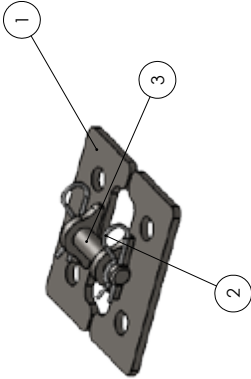
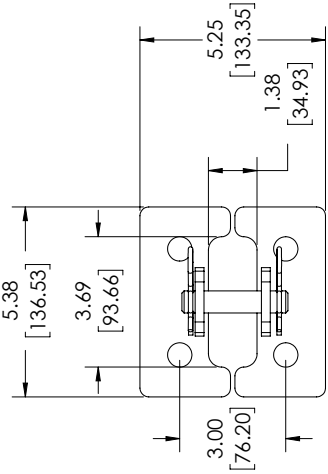
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MT-MR-AX-FL-12-H	12" FLUSH MOUNT AXLE HALF	2
2	MT-HW-CP-HP-0350-0011-0010	COTTER PIN 7/8-11 IN DIA. SHAFT	2
3	MT-HW-SH-AX-0632-0100-0010	1" DIAMETER AXLE PIN 6-1/2" USABLE LENGTH	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MT-MR-AX-FL-06-H	6" FLUSH MOUNT AXLE HALF	2
2	MT-HW-CP-HP-0232-0008-0010	COTTER PIN 5/8"-7/8" DIA. SHAFT	2
3	MT-HW-SH-AX-0216-0040-0010	5/8" DIAMETER AXLE PIN 2-1/4" USABLE LENGTH	1

MT-MO-AX-FL-12-AS



MT-MO-AX-FL-06-AS



	PRECISION LEVEL: MED. +0.04 [-1.59] BRACKET (I) DIMENSIONS ARE IN MM	
	9/10/2018	REVISION: V1
DESCRIPTION: AXLE MOUNT		
PART NUMBER: MT-MO-AX-FL-XX-AS		

MOTION

TR

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HW

TK

MH

FT

GL

12" Head Block Assembly

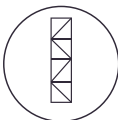


MT-MO-HB-12-18-AS

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)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



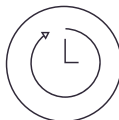
In Stock



Compatible



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Traceable



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-HB-12-18_0A	HEAD BLOCK WELDMENT	1
MT-MO-HB-CW-0550	5-1/2" DIAMETER CHAIN WHEEL, ALUMINUM	2
1/2" DIAMETER X 3.5" USABLE LENGTH QUICK PIN	ZINC PLATED STEEL DE-RAIL PIN	2
SHEAVE FLANGED THRUST BEARING	1" ID FLANGED BEARING	4
1"-8 X 4.5" GRADE 8 HEX BOLT	SHEAVE AXLE BOLT	2
1" GRADE 8 WASHER	SHEAVE AXLE BOLT	4
1"-8 GRADE 8 NYLOCK NUT	SHEAVE AXLE BOLT	2

MT ModTruss™

PRECISION LEVEL - MED. ±0.4 (1.58)
BRACKET (I) DIMENSIONS ARE IN MM

4/1/2025

REVISION: A

DESCRIPTION:
**12" X 18" ALUMINUM
HEAD BLOCK**

PART NUMBER:
MT-MO-HB-12-18-AS

6" Head Block Assembly

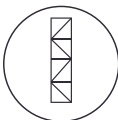


MT-MO-HB-06-12-AS

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
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster - MT-TK-HX-00-0-SAE



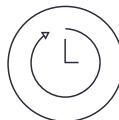
In Stock



Compatible

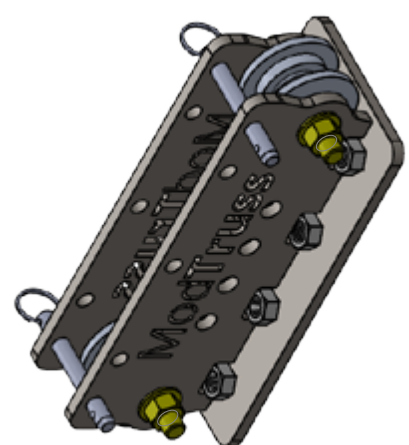
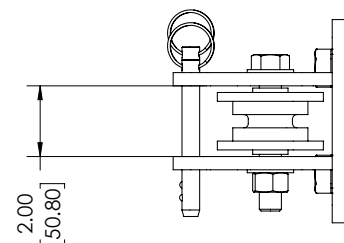
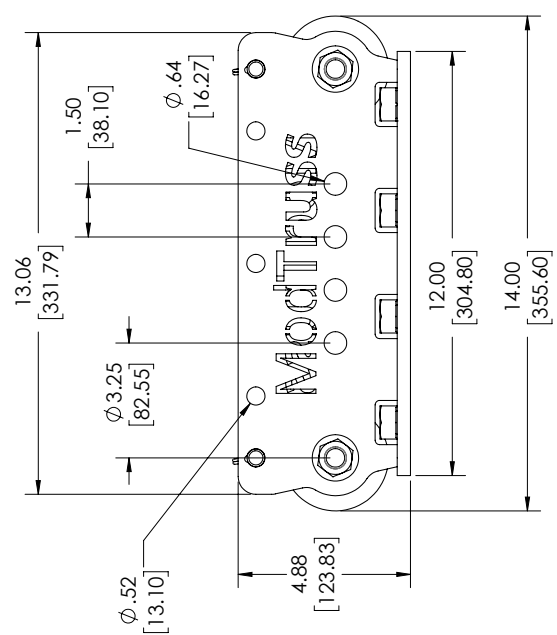
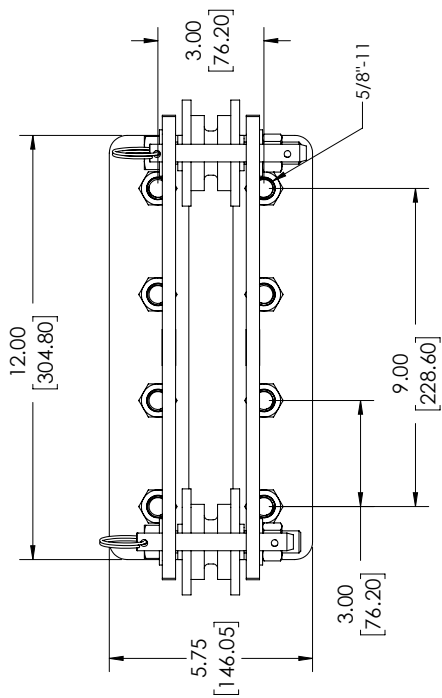


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Traceable



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-HB-06-12_0A	6" X 12" HEAD BLOCK BASE PLATE	1
MT-MO-HB-CW-0300	3" DIAMETER CHAIN WHEEL, ALUMINUM	2
1/2" DIAMETER X 3.5" USABLE LENGTH QUICK PIN	ZINC PLATED STEEL DE-RAIL PIN	2
SHEAVE FLANGED THRUST BEARING	5/8" ID FLANGED BEARING	4
5/8"-11 X 4" GRADE 8 HEX BOLT	SHEAVE AXLE BOLT	2
5/8" GRADE 8 WASHER	SHEAVE AXLE BOLT	4
5/8"-11 GRADE 8 NYLOCK NUT	SHEAVE AXLE BOLT	2



 ModTruss™	PRECISION LEVEL - MED - ±0.4 [1.59] BRACKET [1] DIMENSIONS ARE IN MM
DESCRIPTION: 6" X 12" STEEL HEAD BLOCK	REVISION: A 4/1/2025
PART NUMBER: MT-MO-HB-06-12-AS	

3" Head Block Assembly



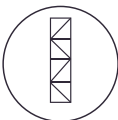
MT-MO-HB-03-14-AS



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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



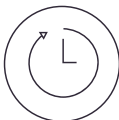
In Stock



Compatible

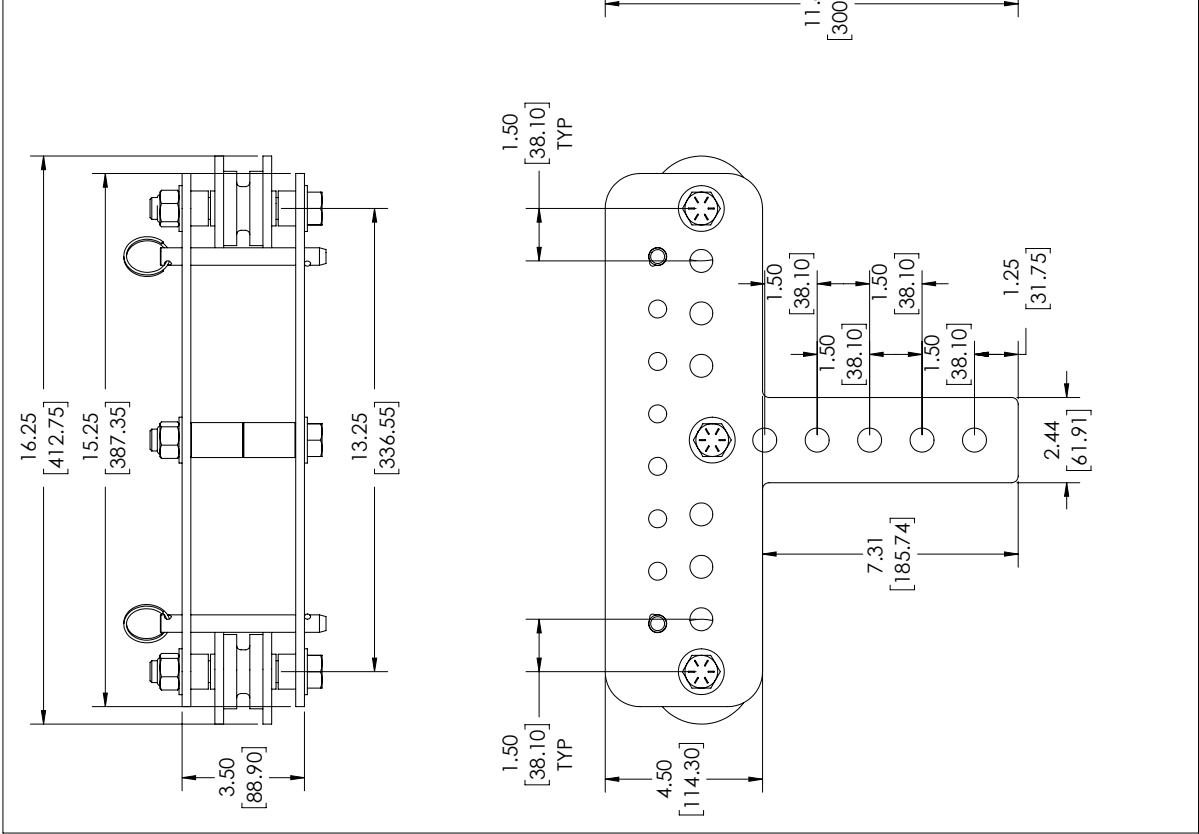


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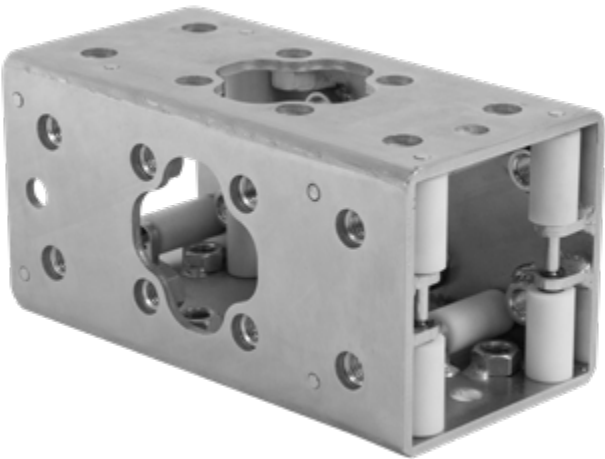


Made To
Order

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	2
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



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

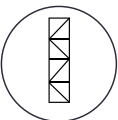


MT-MO-SL-06-06-12

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tip	Sleve Blocks come standard with UHMW wheels and are able to be upgraded to high capacity Cam Followers (with an additional cost).



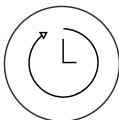
In Stock



Compatible



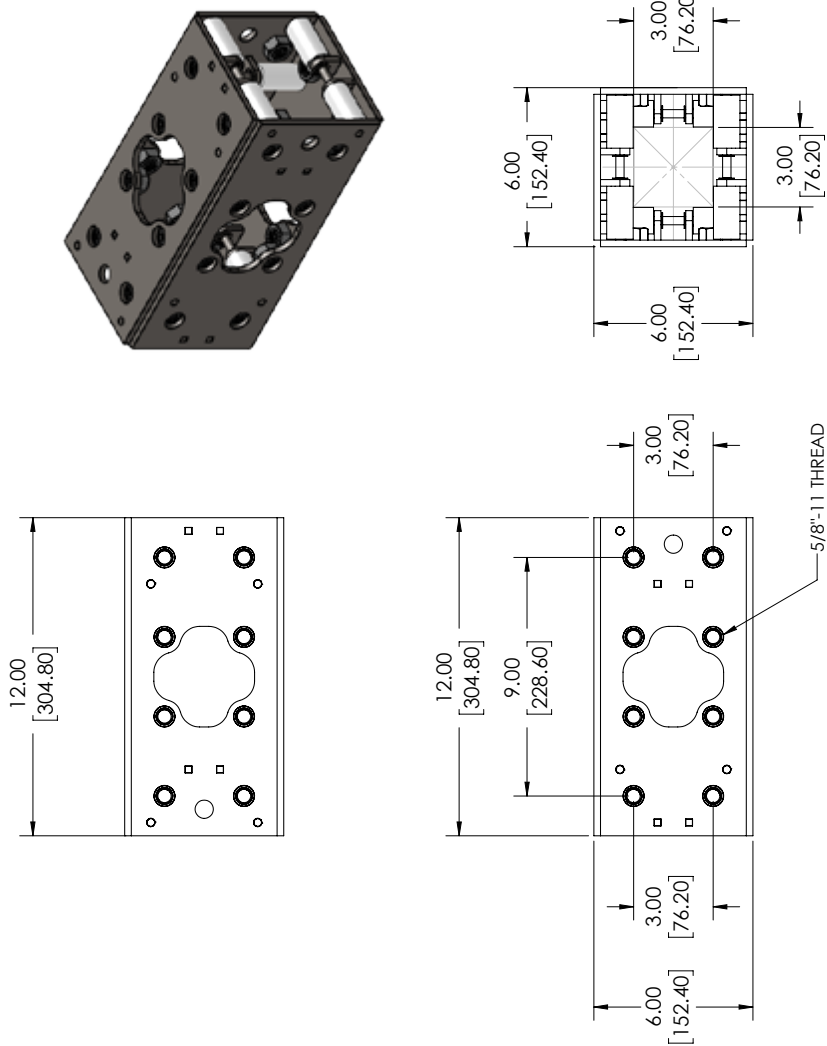
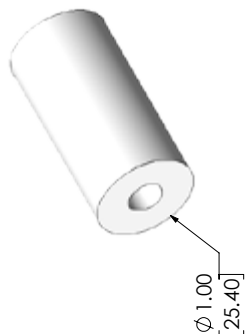
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Made To
Order

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_03	SLEEVE BLOCK AXLE ROD	8
SIDE MOUNT RETAINING CLIP	5/16" DIAMETER ROD CLIPS	16

MT-MO-SL-01-0031-WH



2/28/2024 REVISION: A

2/28/2024 REVISION: A

3" TRUSS SQUARE SLEEVE BLOCK

PART NUMBER:

MOTION

TR

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HW

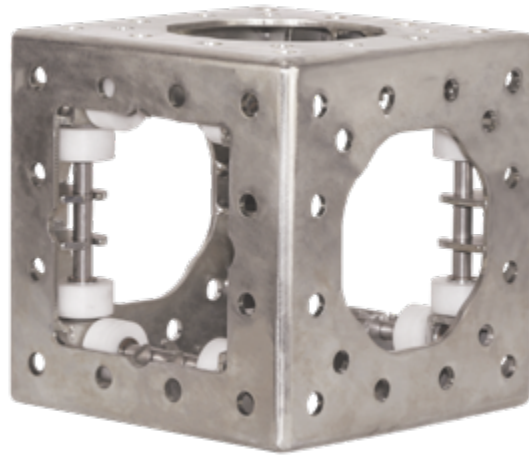
TK

MH

FT

GL

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 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).



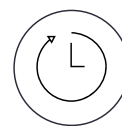
In Stock



Compatible



Serialized &
Traceable



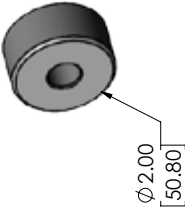
Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-12-12-12_0A	SLEEVE BLOCK WELDMENT	1
MT-MO-XX-XX-XX-XX_11	SLEEVE BLOCK ROLLING WHEEL	16
MT-MO-SL-12-12-12_05	SLEEVE BLOCK AXLE ROD	8
SIDE MOUNT RETAINING CLIP	5/8" DIAMETER ROD CLIPS	48

5/8" RETAINING CLIP

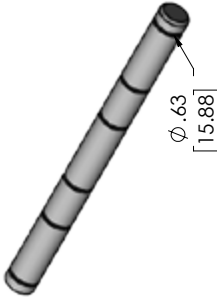


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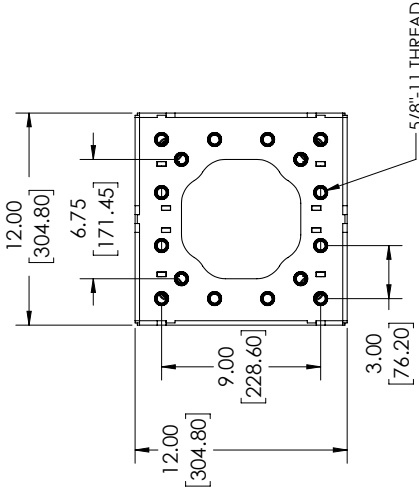
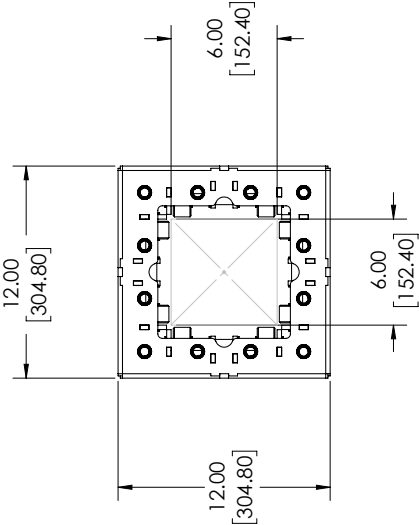


$\phi 2.00$
[50.80]

MT-MO-SL-12-12-12_05



$\phi .63$
[15.88]



12.00
[304.80]

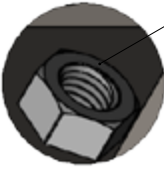
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6.75
[171.45]

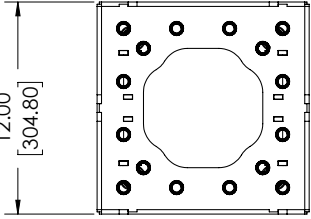
9.00
[228.60]

3.00
[76.20]

5/8"-11 THREAD



WELD NUTS IN ALL HOLES
FOR FASTENING TO SLEEVE BLOCK



12.00
[304.80]



PRECISION LEVEL - MED. $\pm .04$ (1.5%)
BRACKET (1) DIMENSIONS ARE IN MM

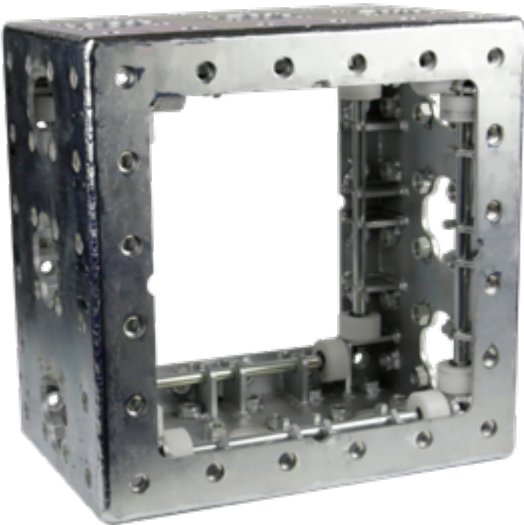
2/27/2024

REVISION: A

DESCRIPTION:
6" TRUSS SQUARE SLEEVE BLOCK

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

Sleeve Block for 12" x 12" Truss

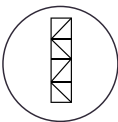


MT-MO-SL-18-18-12

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).



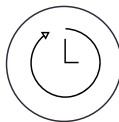
In Stock



Compatible

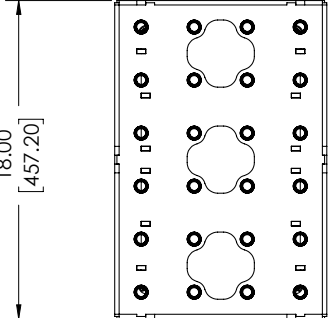
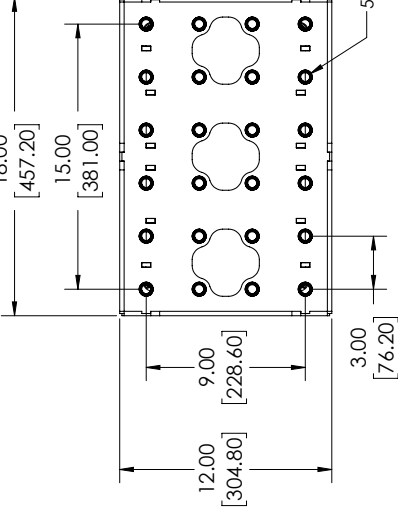
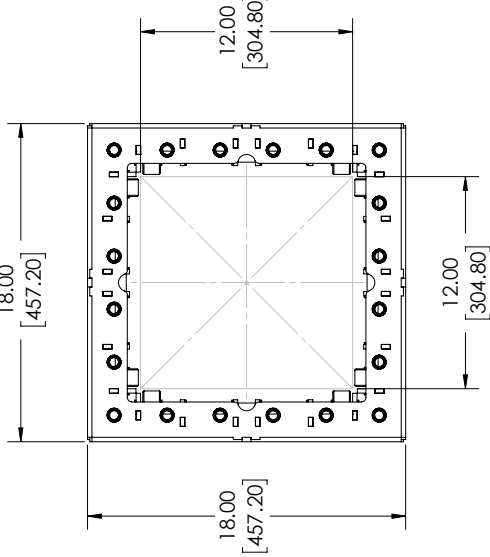
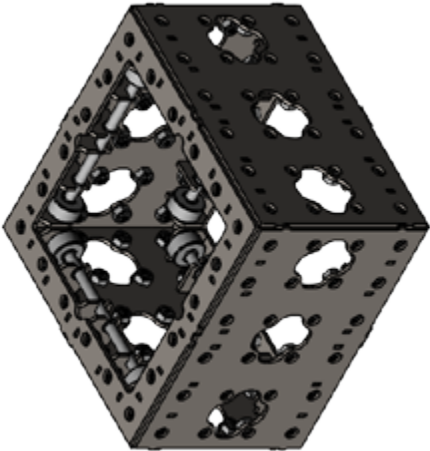


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Traceable

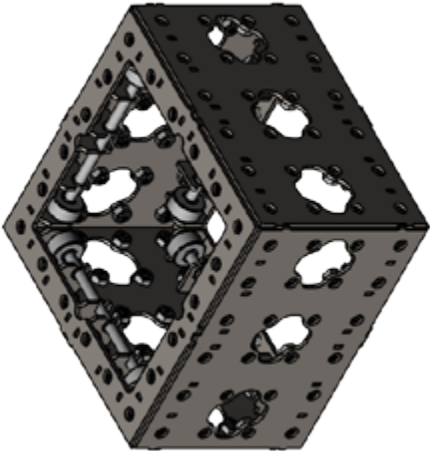


Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-SL-18-18-12_0A	SLEEVE BLOCK WELDMENT	1
MT-MO-SL-XX-XX-XX_11	SLEEVE BLOCK ROLLING WHEEL	16
MT-MO-SL-18-18-12_05	SLEEVE BLOCK WHEEL AXLE	8
SIDE MOUNT RETAINING CLIP	5/8" DIAMETER ROD CLIPS	64



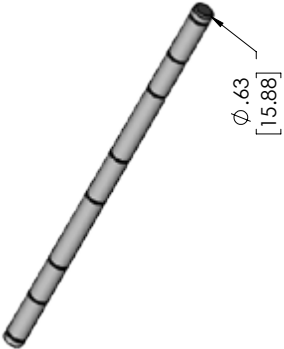
5/8" RETAINING CLIP



MT-MO-XX-XX-XX-XX_11

$\phi 2.00$
[50.80]

MT-MO-SL-15-15-12-C_05



$\phi .63$
[15.88]



PRECISION LEVEL - MED. + .04 (-1.59)
BRACKET () DIMENSIONS ARE IN MM

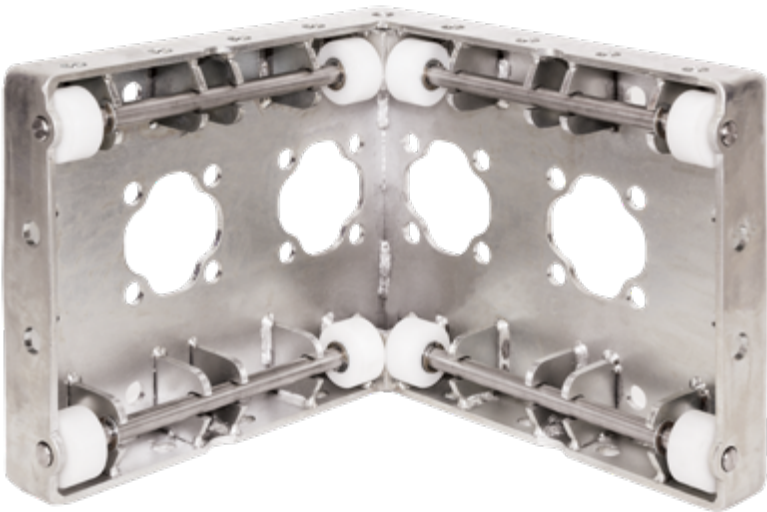
2/28/2024

REVISION: A

DESCRIPTION:
12" TRUSS SQUARE SLEEVE BLOCK

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

Sleeve Corner

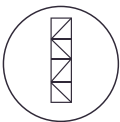


MT-MO-SL-15-15-12-C

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



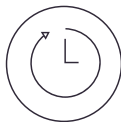
In Stock



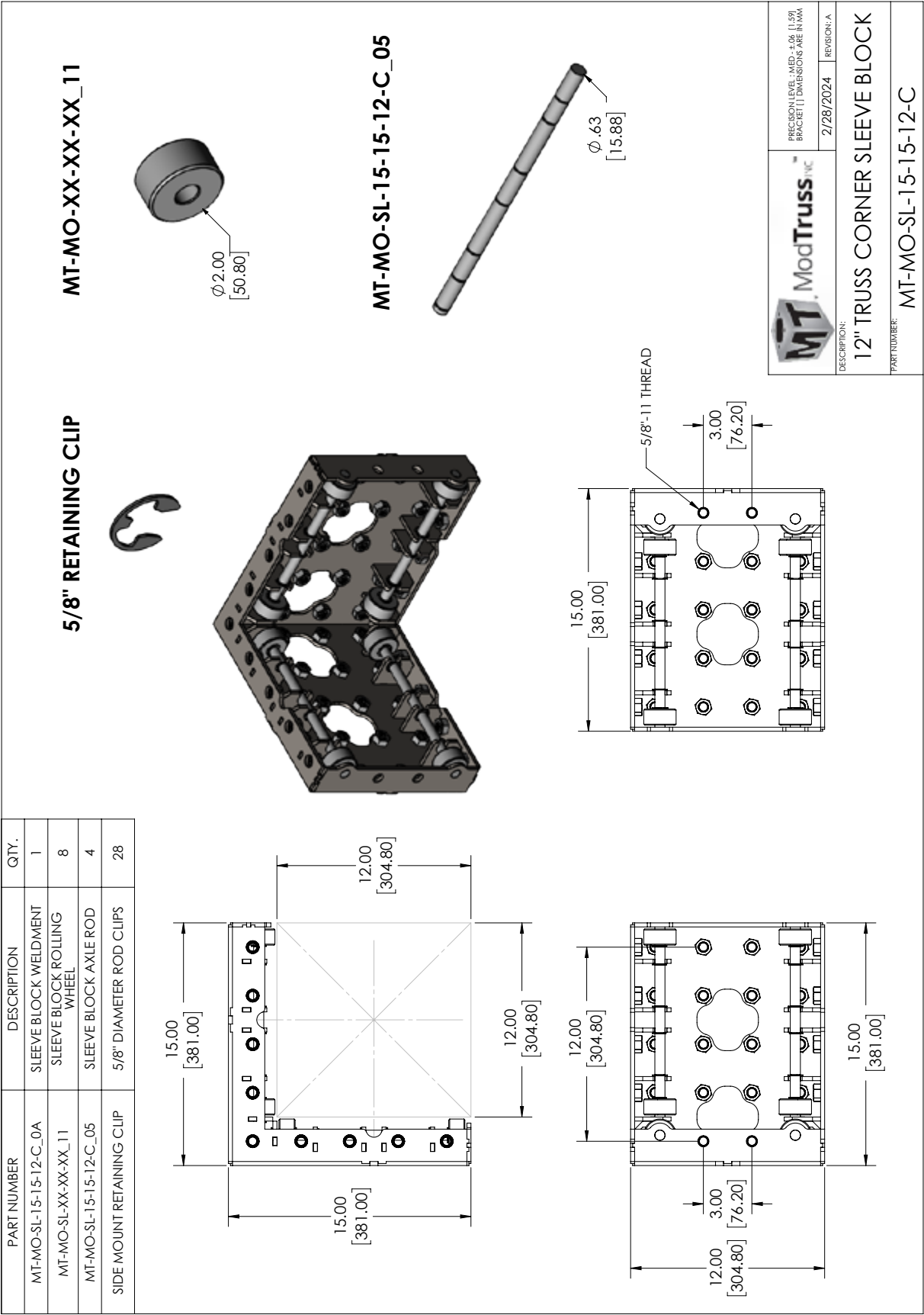
Compatible



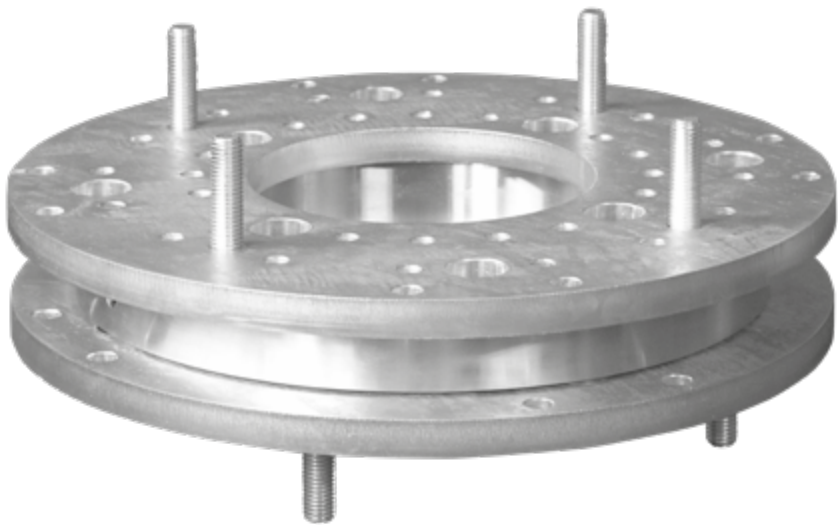
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Traceable



Made To
Order



12" Slewing Ring Bearing Plate Assembly

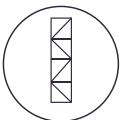


MT-MO-BA-SL-PI-12-1437-AS

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster



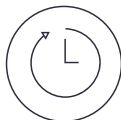
In Stock



Compatible



Serialized &
Traceable



Made To
Order

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

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

0.75 [19.05]

16.97 [431.05]

7.15 [181.70]

9.00 [228.60]

0.69 [17.46] COUNTERSUNK TRUSS MOUNTING HOLE PATTERN

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

1.50 [38.00]

14.37 [365.00]

8.27 [210.00]

ModTruss™

PRECISION LEVEL - MED. ±0.04 (1.59)
BRACKET (I) 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

6" Slewing Ring Bearing Plate Assembly

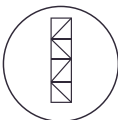


MT-MO-BA-SL-PI-06-0800-AS

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1 6 Hex Key Wrench Cluster



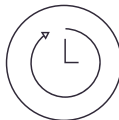
In Stock



Compatible



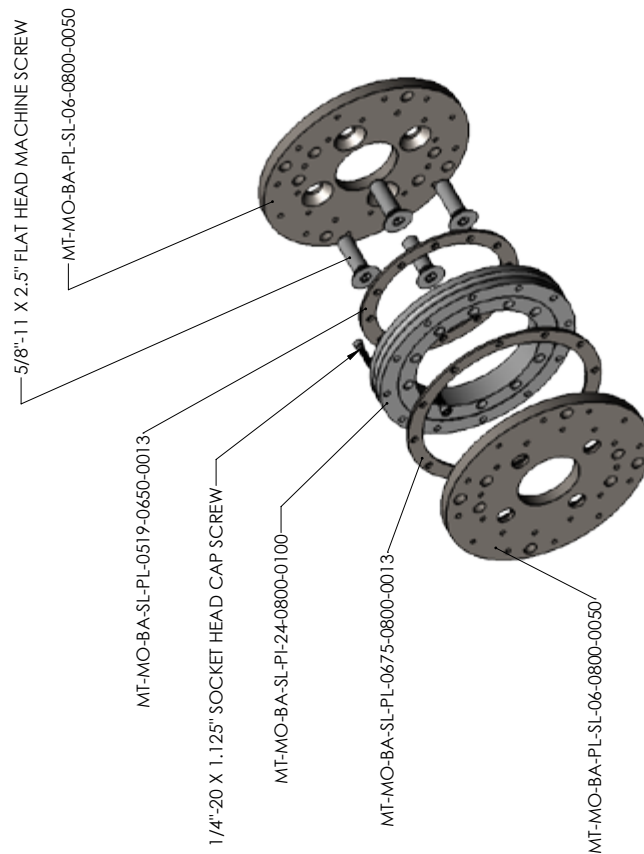
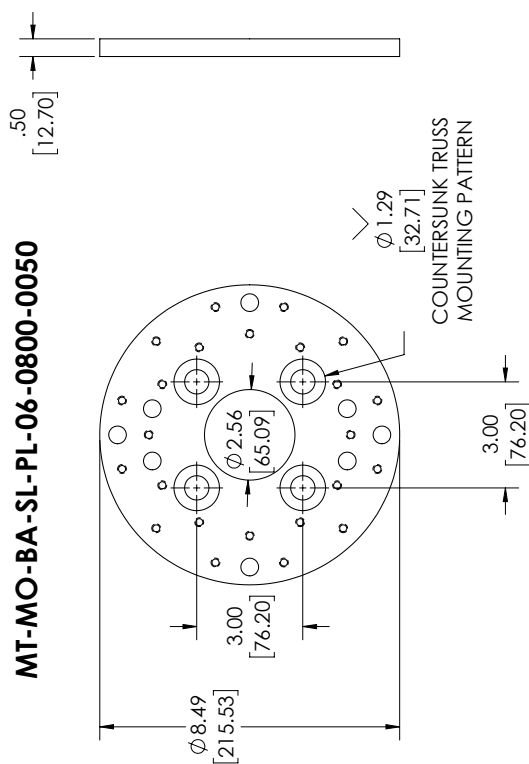
Serialized &
Traceable



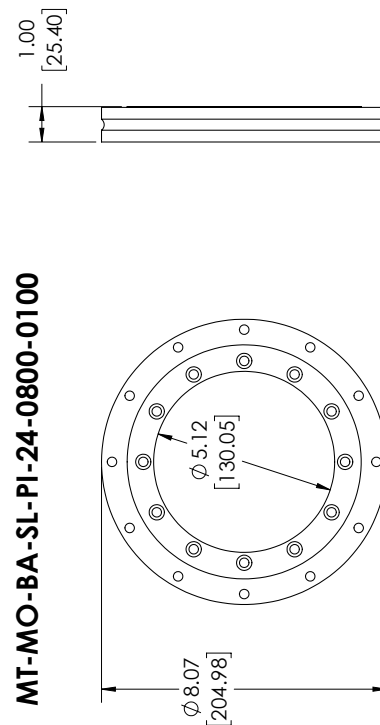
Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-BA-SL-PL-06-0800-0050	6" SLEWING RING MOUNTING PLATES	2
MT-MO-BA-SL-PL-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 1.25" 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



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

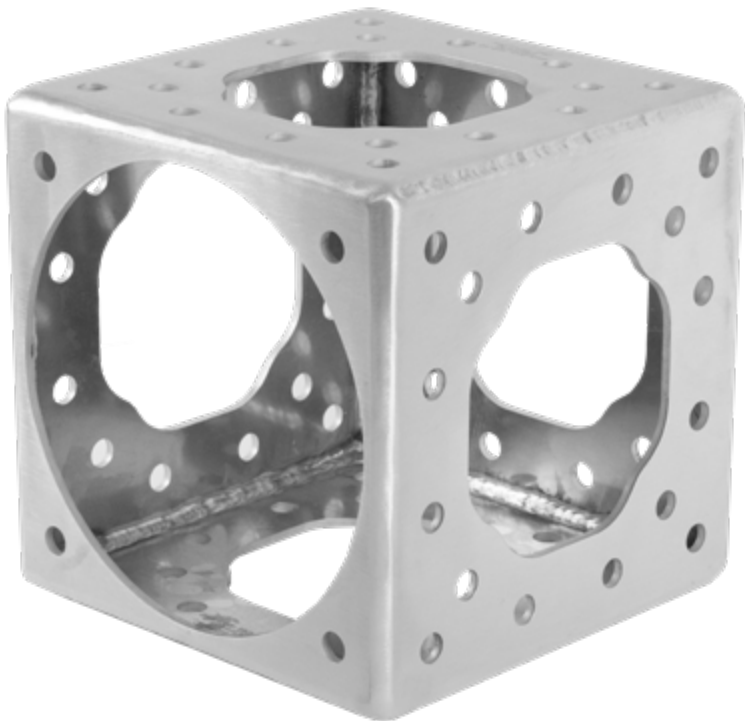


	PRECISION LEVEL: MED - ± 0.6 [1.59] BRACKET [1] DIMENSIONS ARE IN MM	
	9/5/2024	REVISION: A

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-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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



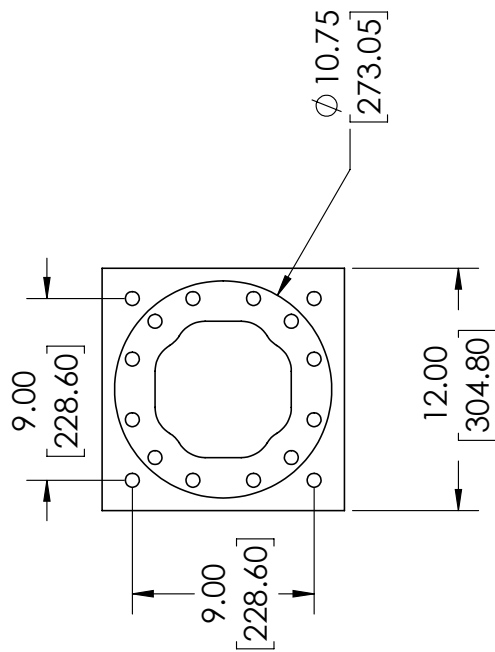
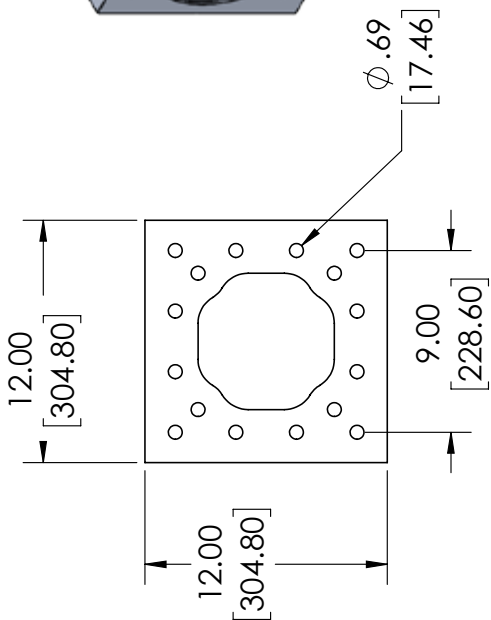
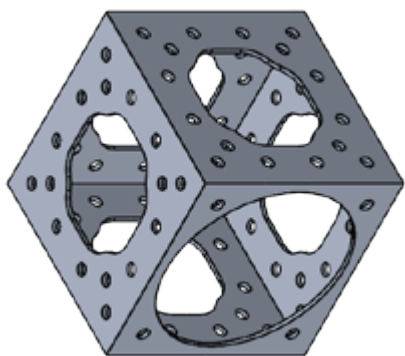
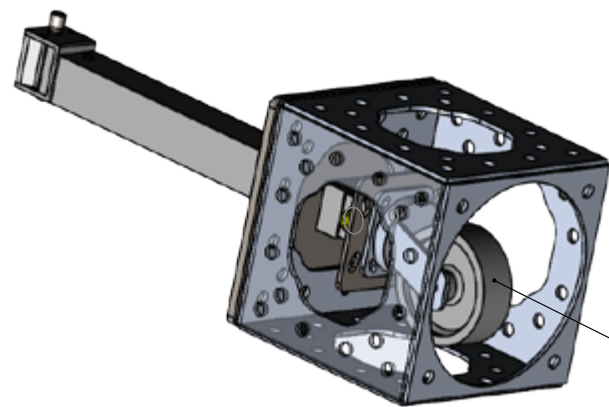
Compatible



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Traceable



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Order



INTERNALLY MOUNTING
A FIXED CASTER OR JACK
EXTENDING CATER INSIDE
THE TRUSS PROFILE



BRACKET [] DIMENSIONS ARE IN MM

3/28/2025 REVISION: A

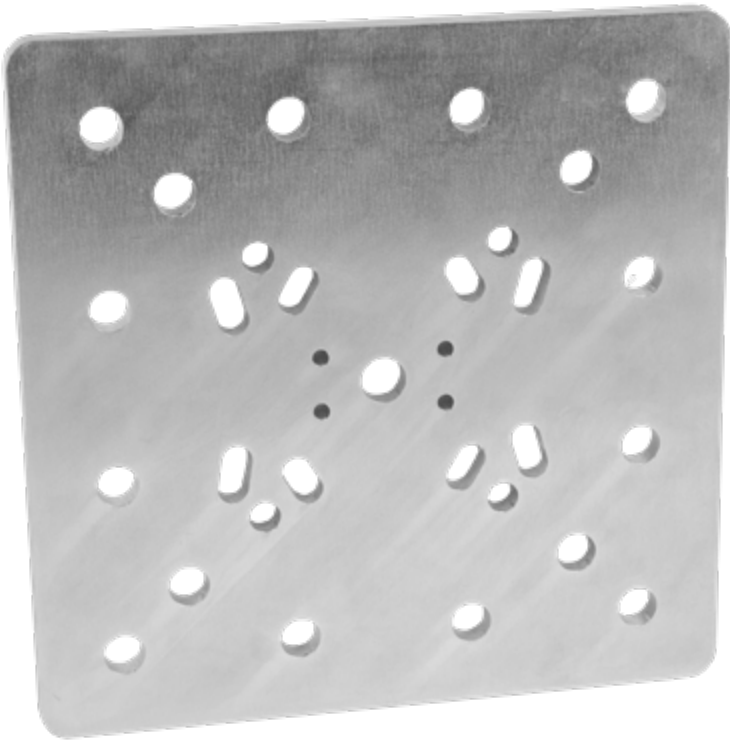
DESCRIPTION:

12" INTERNAL CASTER MOUNT TRUSS

PART NUMBER:

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

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



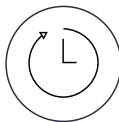
In Stock



Compatible



Serialized &
Traceable



Made To
Order

TR

EX

PL

JH

PA

HG

MO

RG

AC

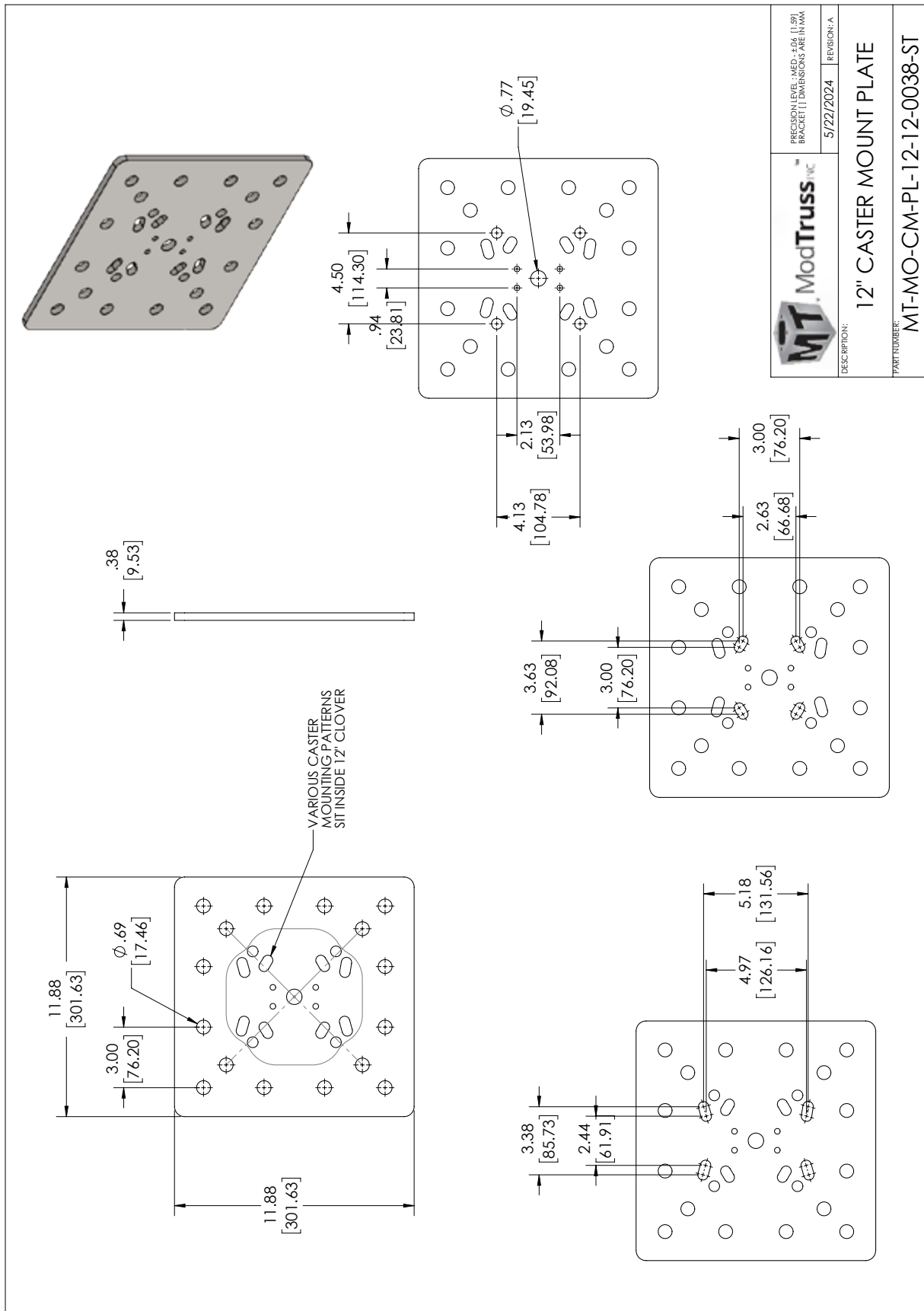
HW

TK

MH

FT

GL



AEROCASTER

Heavy Duty Caster with Internal Jack

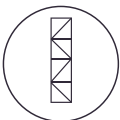


MT-MO-CM-HD-1200-1200-3000

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)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



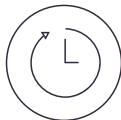
In Stock



Compatible



Serialized &
Traceable



Made To
Order

12" Flip Up/Down Caster Mount Assembly

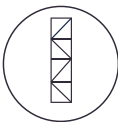


MT-MO-CM-1202-0800

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)
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



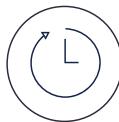
In Stock



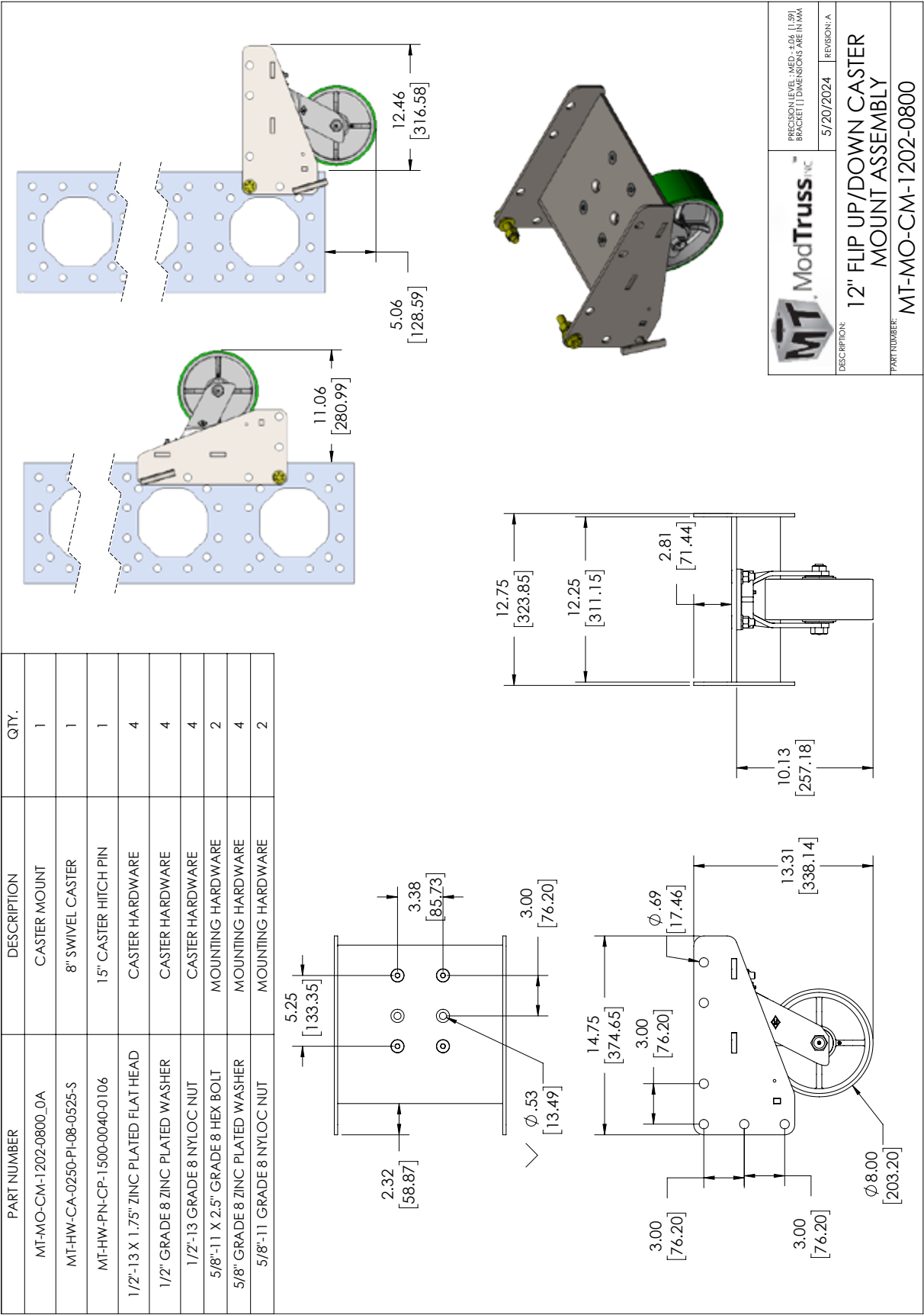
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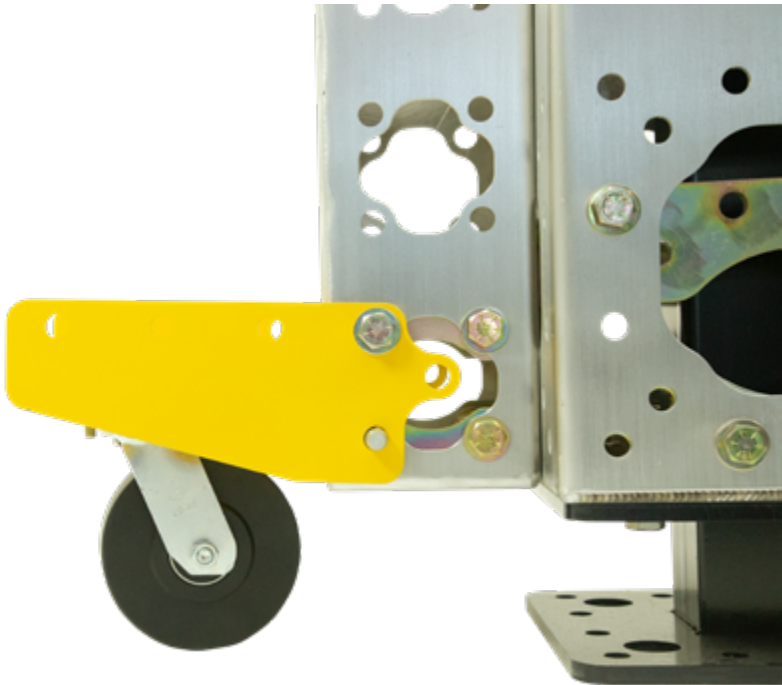
Serialized &
Traceable



Made To
Order



6" Flip Up/Down Caster Mount Assembly

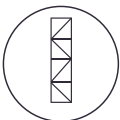


MT-MO-CM-0602-0600

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)
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



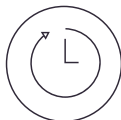
In Stock



Compatible

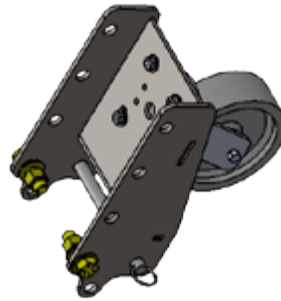
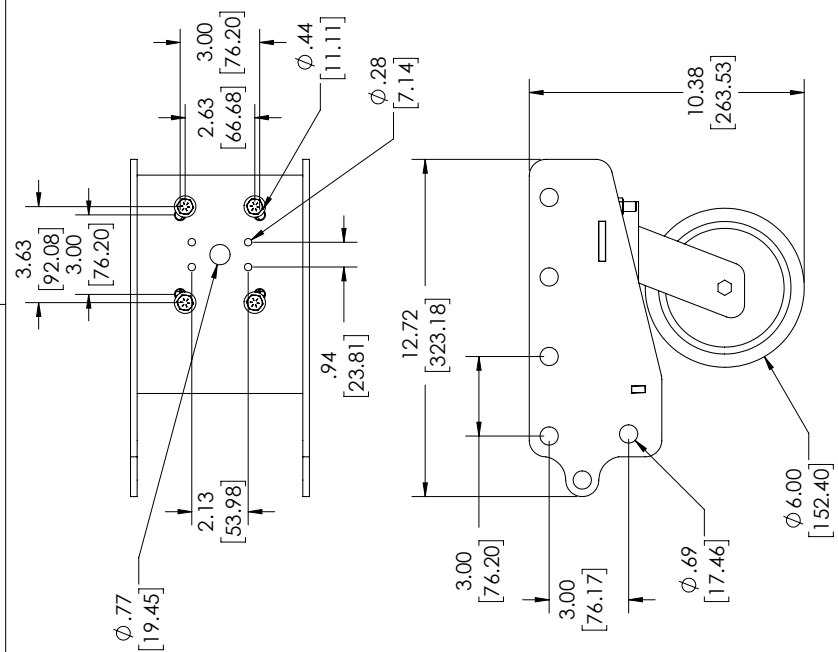
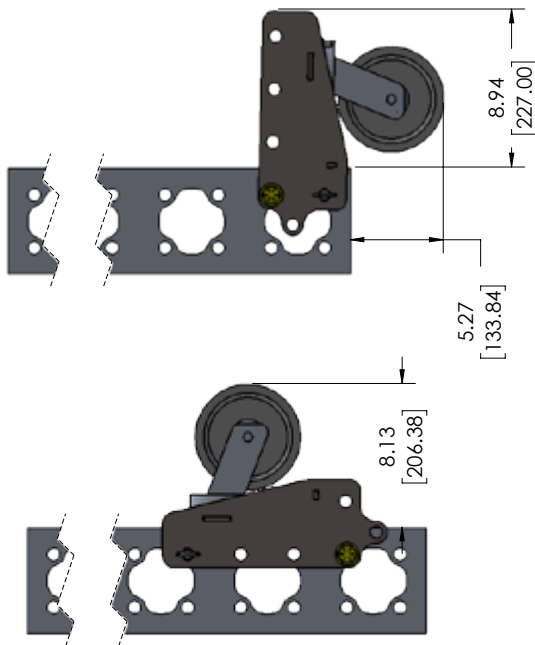


Serialized &
Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-CM-0602-0600_0A	CASTER MOUNT	1
MT-HW-CA-0220-PM-06-0300-S	6" SWIVEL CASTER	1
5/8" DIAMETER X 7" USABLE LENGTH QUICK PIN	ZINC PLATED STEEL QUICK PIN	1
3/8"-16 X 1.5" GRADE 8 HEX BOLT	CASTER HARDWARE	4
3/8" GRADE 8 ZINC PLATED WASHER	CASTER HARDWARE	8
3/8"-16 GRADE 8 NYLOC NUT	CASTER HARDWARE	4
5/8"-11 X 2" GRADE 8 HEX BOLT	MOUNTING HARDWARE	2
5/8" GRADE 8 ZINC PLATED WASHER	MOUNTING HARDWARE	4
5/8"-11 GRADE 8 NYLOC NUT	MOUNTING HARDWARE	2



	PRECISION LEVEL: MED. ± 0.6 [1.59] BRACKET [] DIMENSIONS ARE IN MM
5/20/2024	REVISION: A
DESCRIPTION: 6" FLIP UP/DOWN CASTER MOUNT ASSEMBLY	
PART NUMBER: MT-MO-CM-0602-0600	

30" Stroke Jack with Foot Pad

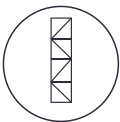
MT-MO-JA-04-05-5700-3000



Standard Material	A36 Low Carbon Steel
Standard Finish	10- Zinc Clear
Available Finish(es)	10-12 Zinc
Weight	161.60lbs (73.305kg)
Capacity	12,000lb
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



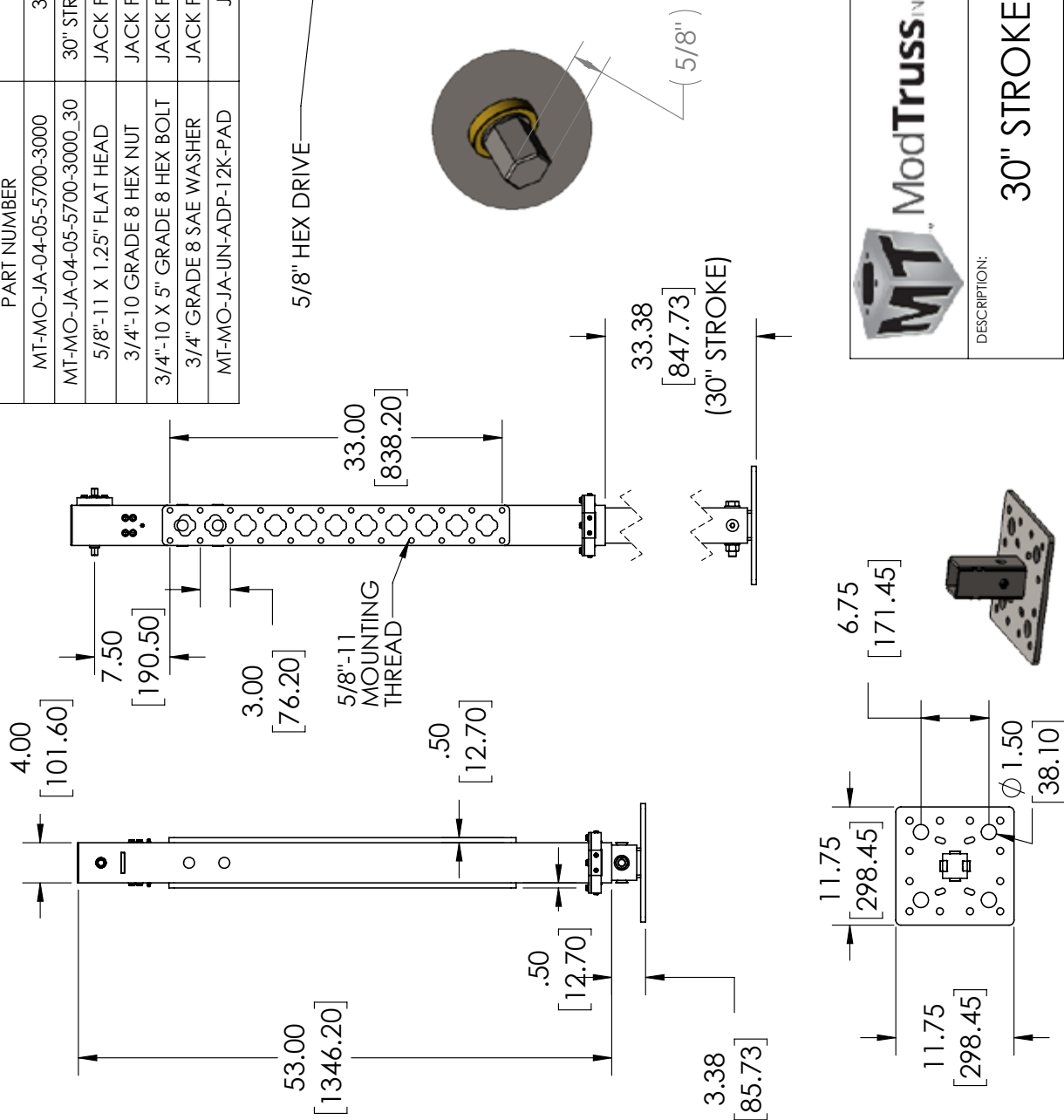
Compatible



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Traceable



Made To
Order



 ModTruss ^{INC}	BRACKET [] DIMENSIONS ARE IN MM	
	11/7/2024	REVISION: A

DESCRIPTION:

30" STROKE JACK

PART NUMBER: MT-MO-JA-04-05-5700-3000

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

12K Jack - 12" Plate Mount

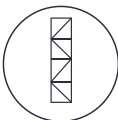


MT-MO-JA-1032-120-1128-0032-090

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)
Capacity	12,000lb
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



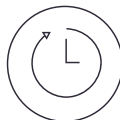
In Stock



Compatible

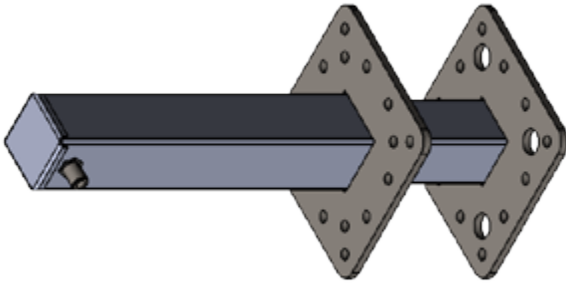
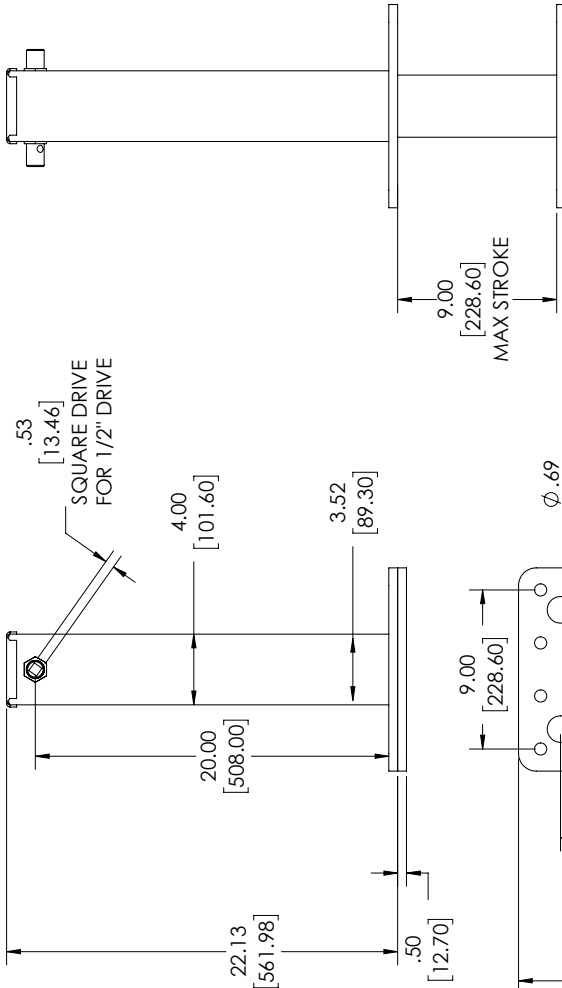
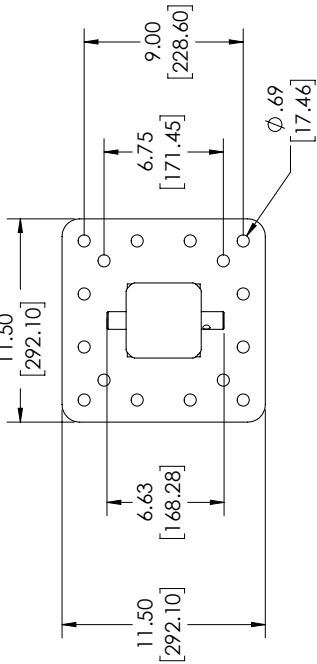


Serialized &
Traceable



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-MO-JA-1032-120-128-0032-090	12K JACK PLATE MOUNT	1
MT-MO-JA-BD-0050-DR-0100-12K	12K JACK SQUARE DRIVE	1



	PRECISION LEVEL: +MED. +0.4" [1.59] BRACKET (1) DIMENSIONS ARE IN MM	
	11/7/2024	REVISION: A
DISCUSSION:		
12K JACK PLATE MOUNT		
PART NUMBER: MT-MO-JA-1032-120-1128-0032-090		

8K Jack with Foot Pad

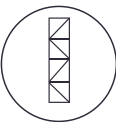


MT-MO-JA-0140-080-1128-0250-090

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)
Capacity	8,000lb
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



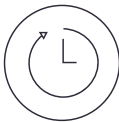
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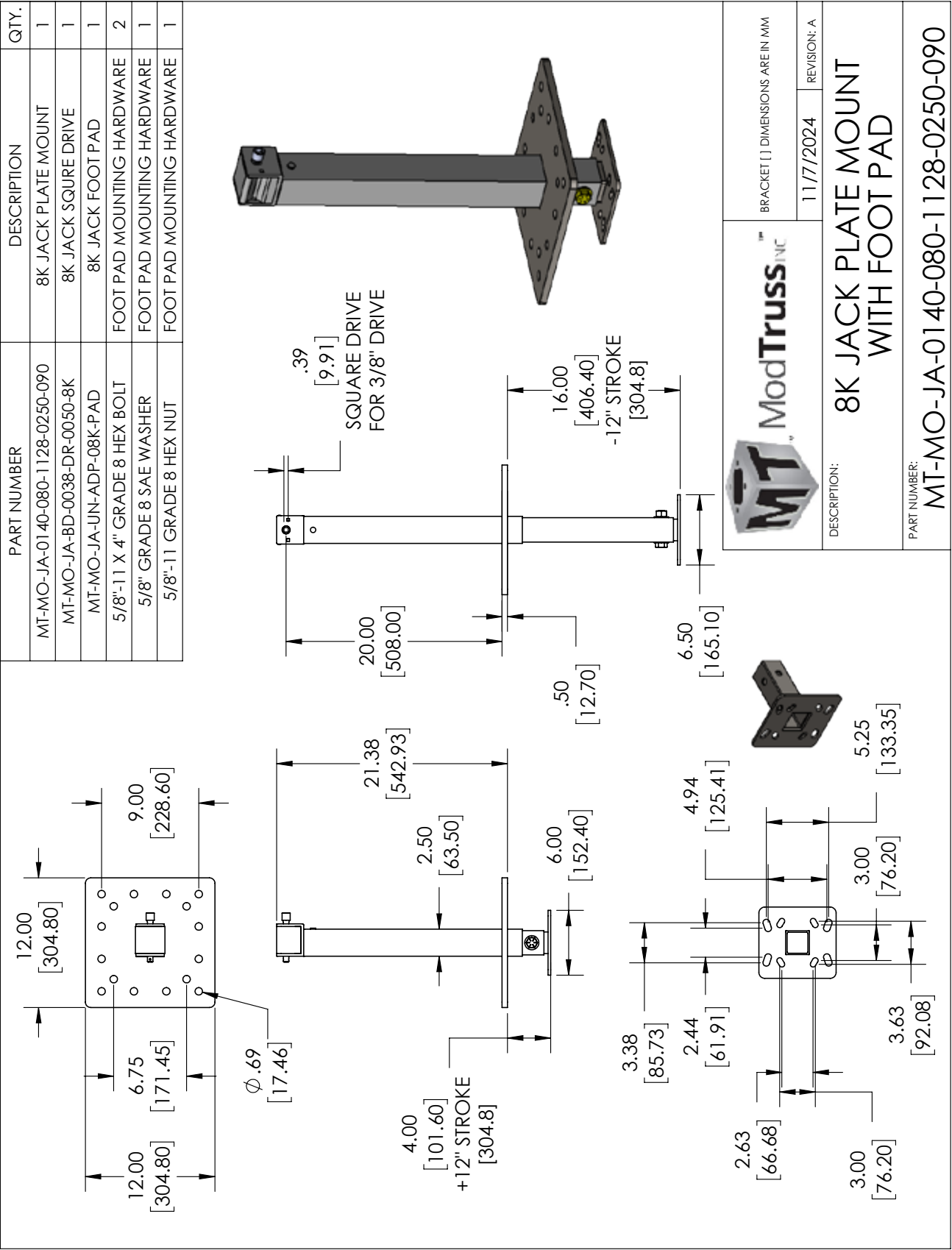
Compatible



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Order



Jack Mounting Plate

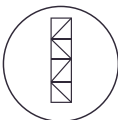


MT-MO-JA-UN-MPL-ALL

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



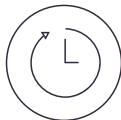
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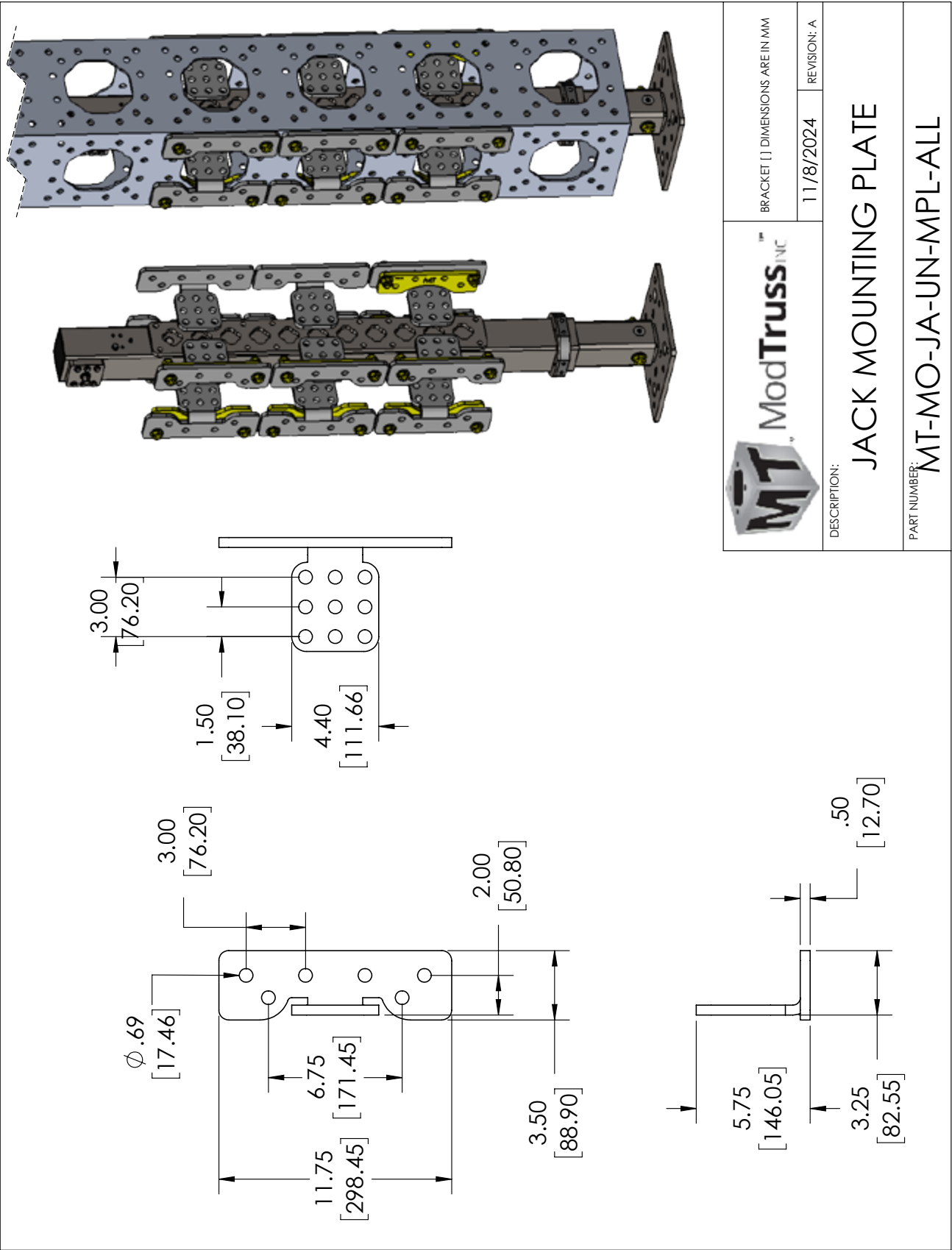
Compatible



Serialized &
Traceable



Made To
Order



BRACKET [] DIMENSIONS ARE IN MM

11/8/2024

REVISION: A

DESCRIPTION:

JACK MOUNTING PLATE

PART NUMBER:

MT-MO-JA-UN-MPL-ALL

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

12" Leveling Plate with Leveling Foot



MT-MO-JA-LV-12-12-35K-AS

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



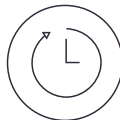
In Stock



Compatible



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Traceable



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Order

PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION	QTY
MT-MO-JA-LV-12-12-35K-PL	12x12 LEVELING FOOT PLATE 1.25"-5 THREAD	1	MT-MO-JA-LV-06-06-05K-PL	6x6 LEVELING FOOT PLATE 1"-8 THREAD	1
MT-MR-JA-LV-06-03-320-FT	1.25"-5 ACME THREAD LEVELING FOOT	1	MT-MO-JA-LV-04-06-138-FT	1"-8 LEVELING FOOT WITH 3/4" HEX DRIVE	1

MT-MO-JA-LV-12-12-35K-AS

MT-MO-JA-LV-06-06-05K-AS

LEVELING JACKS

ModTruss[™]

BRACKET [] DIMENSIONS ARE IN MM

11/8/2024 REVISION: A

DESCRIPTION: **LEVELING JACKS**

PART NUMBER: **MT-MO-JA-LV-XX-XX-XXX-AS**

6" Leveling Plate with Leveling Foot

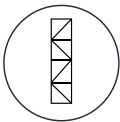


MT-MO-JA-LV-06-06-05K-AS

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



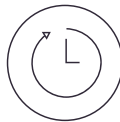
In Stock



Compatible



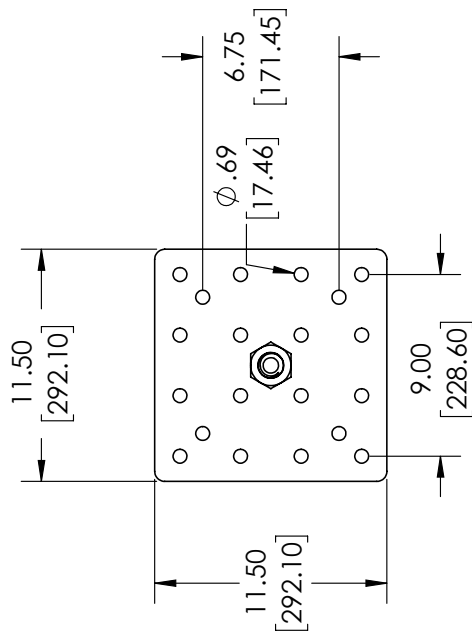
Serialized &
Traceable



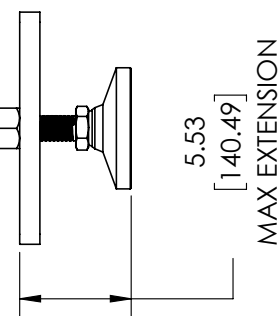
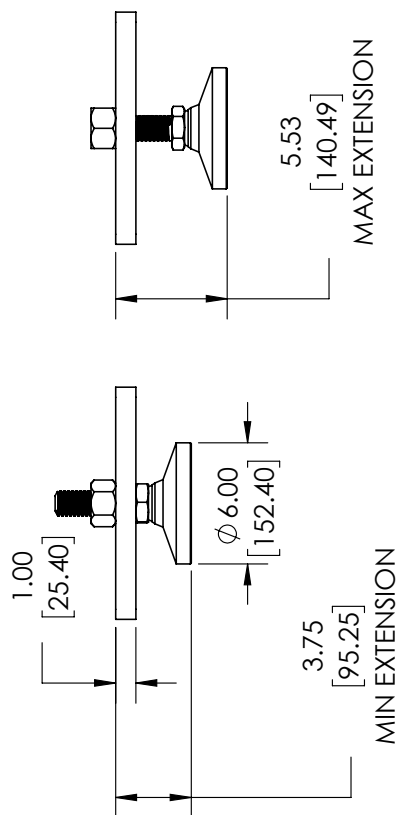
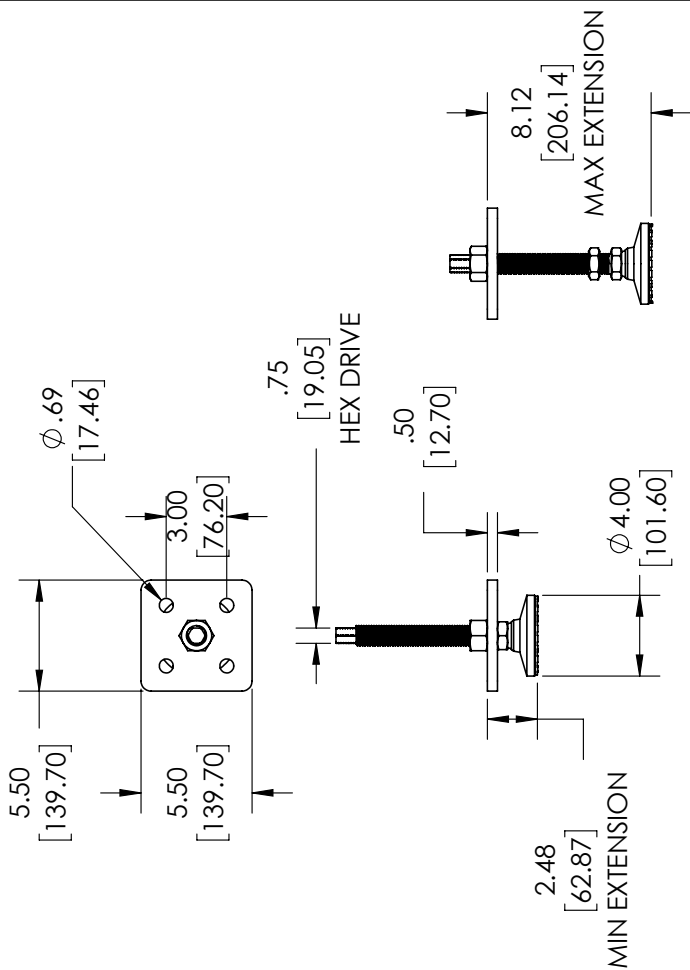
Made To
Order

PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION	QTY
MT-MO-JA-LV-12-12-35K-PL	12x12 LEVELING FOOT PLATE 1.25"-5 THREAD	1	MT-MO-JA-LV-06-06-05K-PL	6x6 LEVELING FOOT PLATE 1"-8 THREAD	1
MT-MR-JA-LV-06-03-320-FT	1.25"-5 ACME THREAD LEVELING FOOT	1	MT-MO-JA-LV-04-06-138-FT	1"-8 LEVELING FOOT WITH 3/4" HEX DRIVE	1

MT-MO-JA-LV-12-12-35K-AS



MT-MO-JA-LV-06-06-05K-AS



 ModTruss [™] INC	BRACKET [] DIMENSIONS ARE IN MM	
	11/8/2024	REVISION: A

LEVELING JACKS

PART NUMBER:	MT-MO-JA-LV-XX-XX-XXX-AS
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Extrusion Trolleys



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



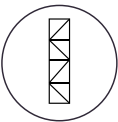
MT-MO-TR-EX-06-06-16-360

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)



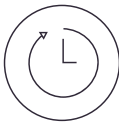
In Stock



Compatible



Serialized &
Traceable



Made To
Order

PART NUMBER			DESCRIPTION			QTY.		
MT-MO-TR-EX-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		

Telescopic Tubes

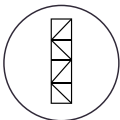
MT-MO-TT-12-12-XXX-ST



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



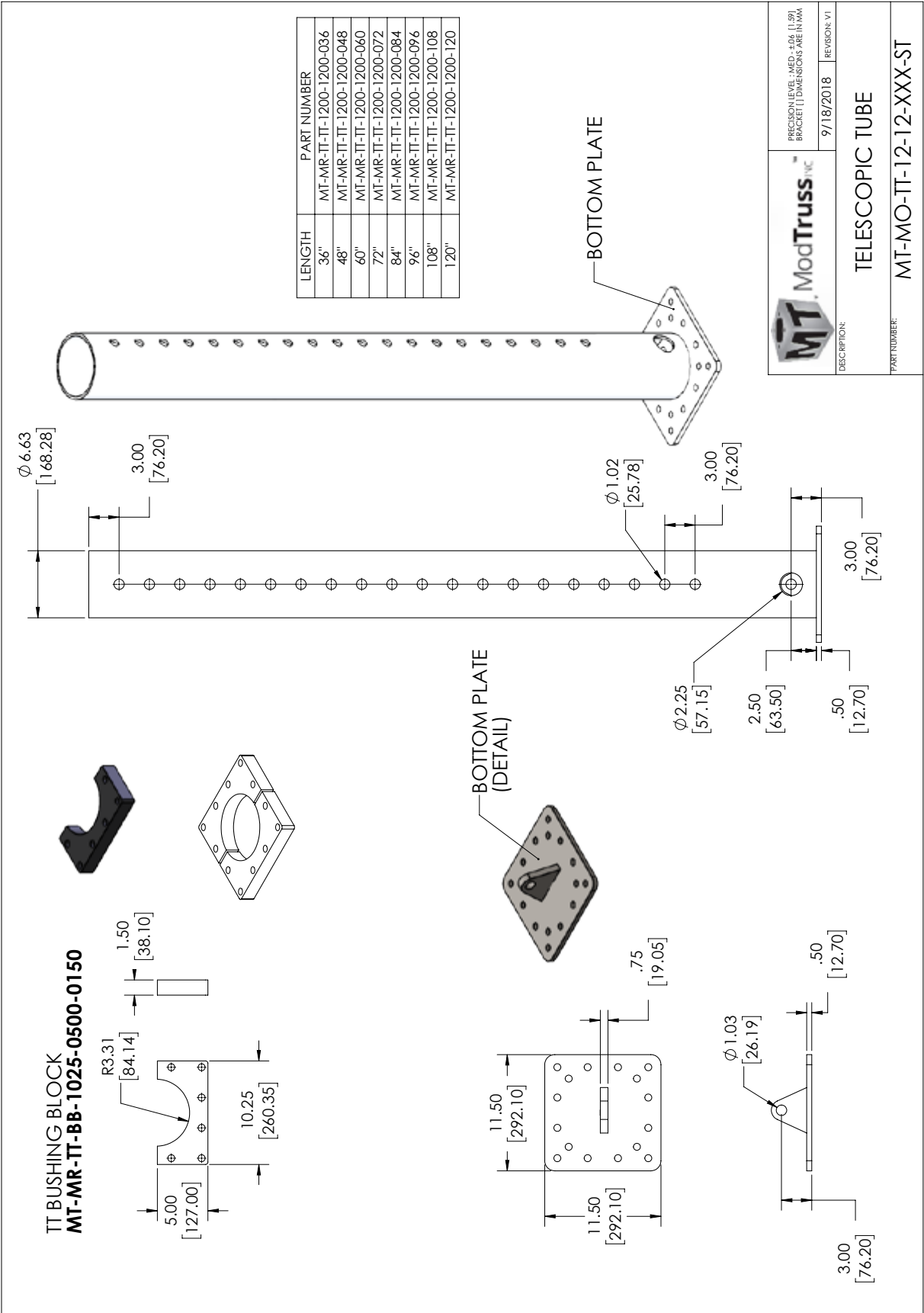
Compatible



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Traceable



Made To
Order



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



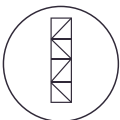
MT-RG-RM-03-06-TEE-H

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 ModTruss Connection Guide
Recommended Tools	Tools Tool Kit 1

Part # Description	Weight	Capacity
MT-RG-RM-03-06-LDP-C	1.40lbs (0.64Kg)	2,800lbs (1,270kg)
MT-RG-RM-03-06-TEE-H	2.00 lbs (0.91 Kg)	2,800lbs (1,270kg)



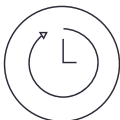
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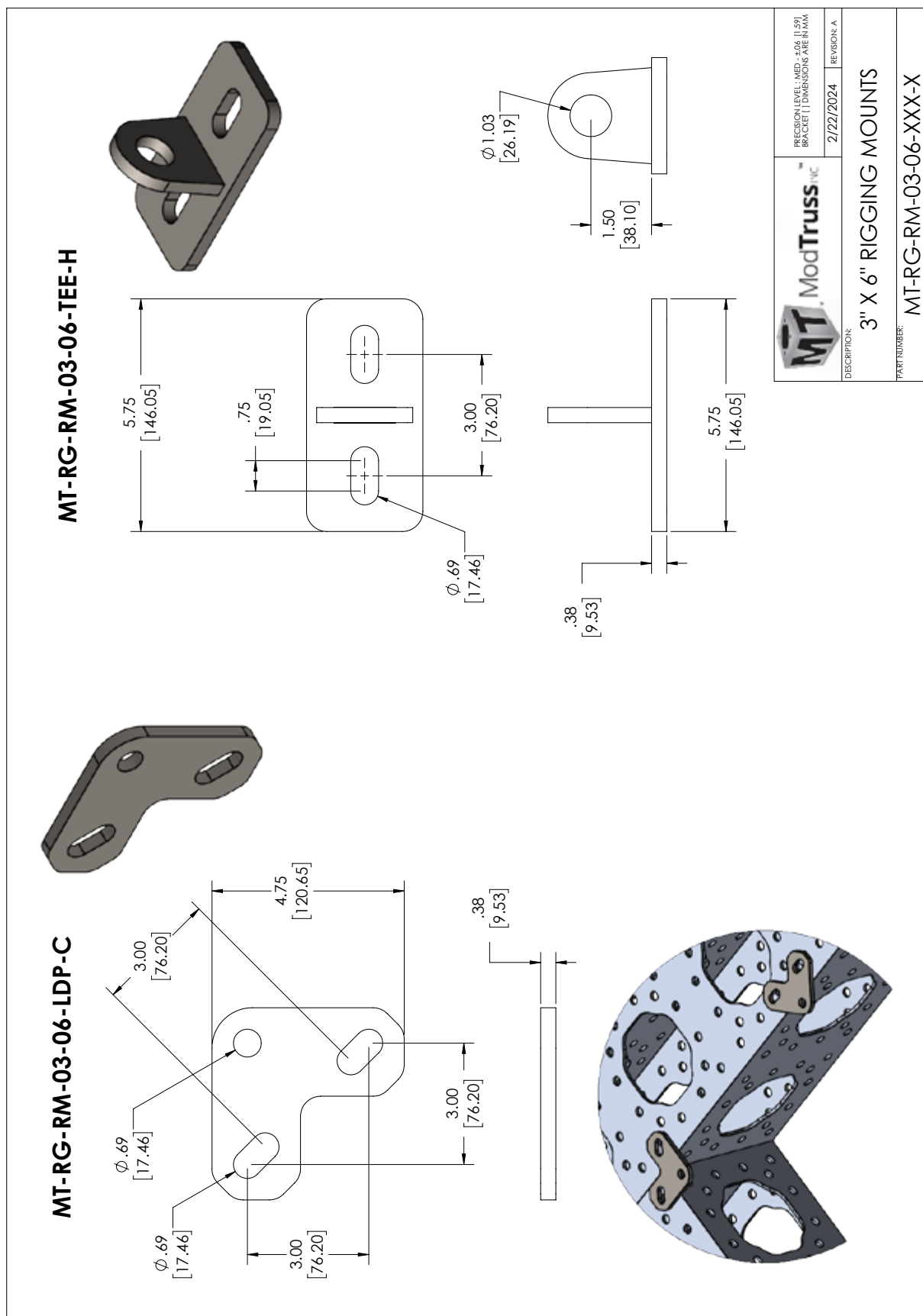
Compatible



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Order



Tee Rigging Mounts



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



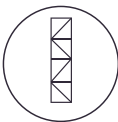
MT-RG-RM-06-06-TEE-H

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Size	Weight	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)	6.85lbs (3.11kg)	5,000lbs (2,268kg)
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)



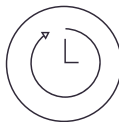
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Compatible

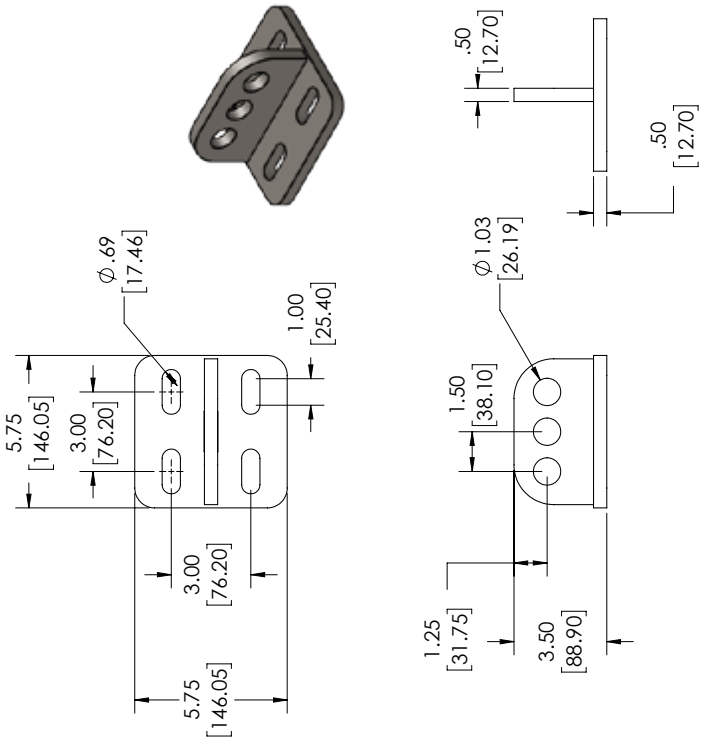


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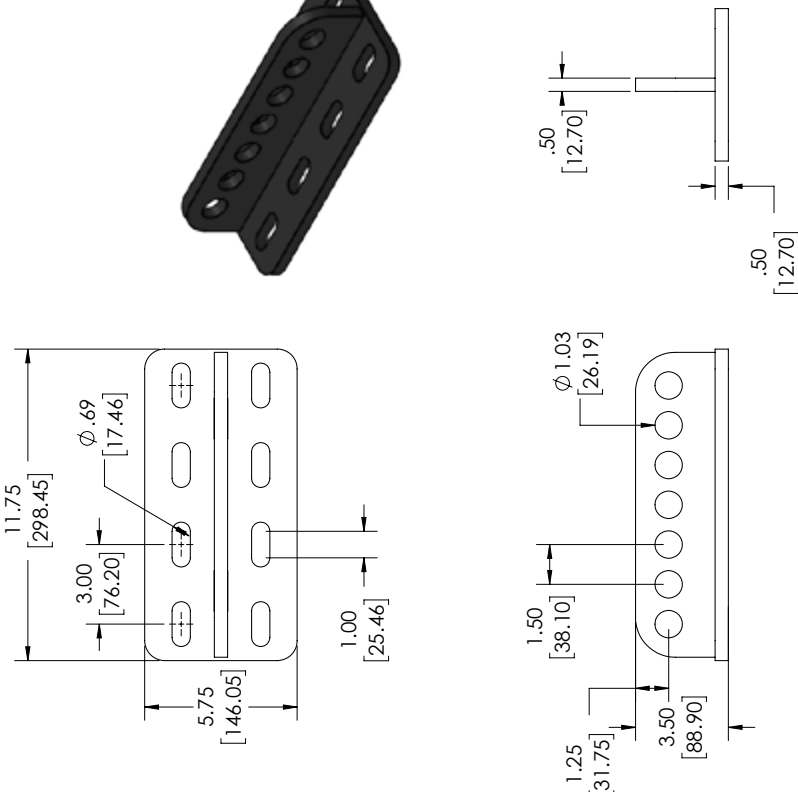


Made To
Order

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



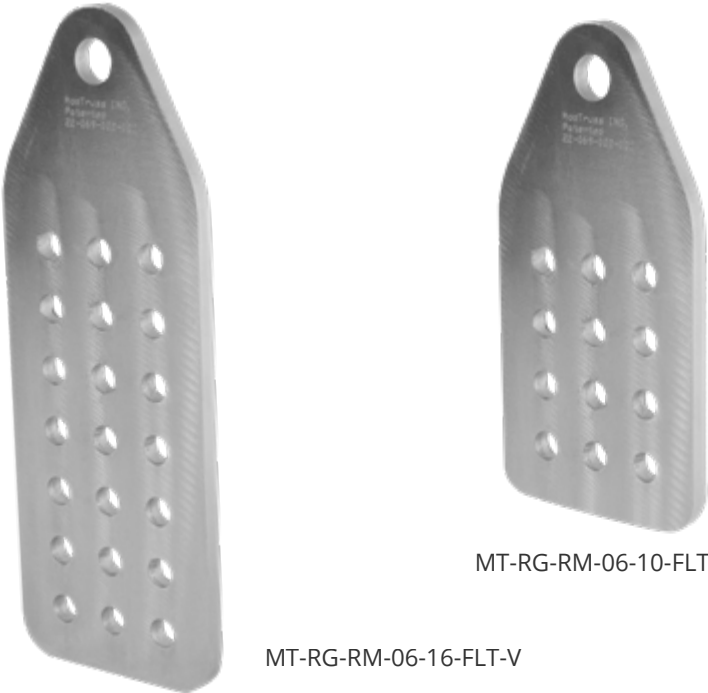
MT-RG-RM-06-12-TEE-H



 ModTruss ^{INC}	PRECISION LEVEL - MED. +.04 [-1.59] BRACKET () DIMENSIONS ARE IN MM	
	2/22/2024	REVISION: VI
DESCRIPTION: TEE RIGGING MOUNTS		
PART NUMBER: MT-RG-RM-06-XX-TEE-H		

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

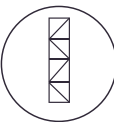
Vertical Rigging Mounts



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
Capacity	5,000lbs (2,268kg)



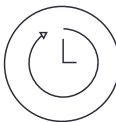
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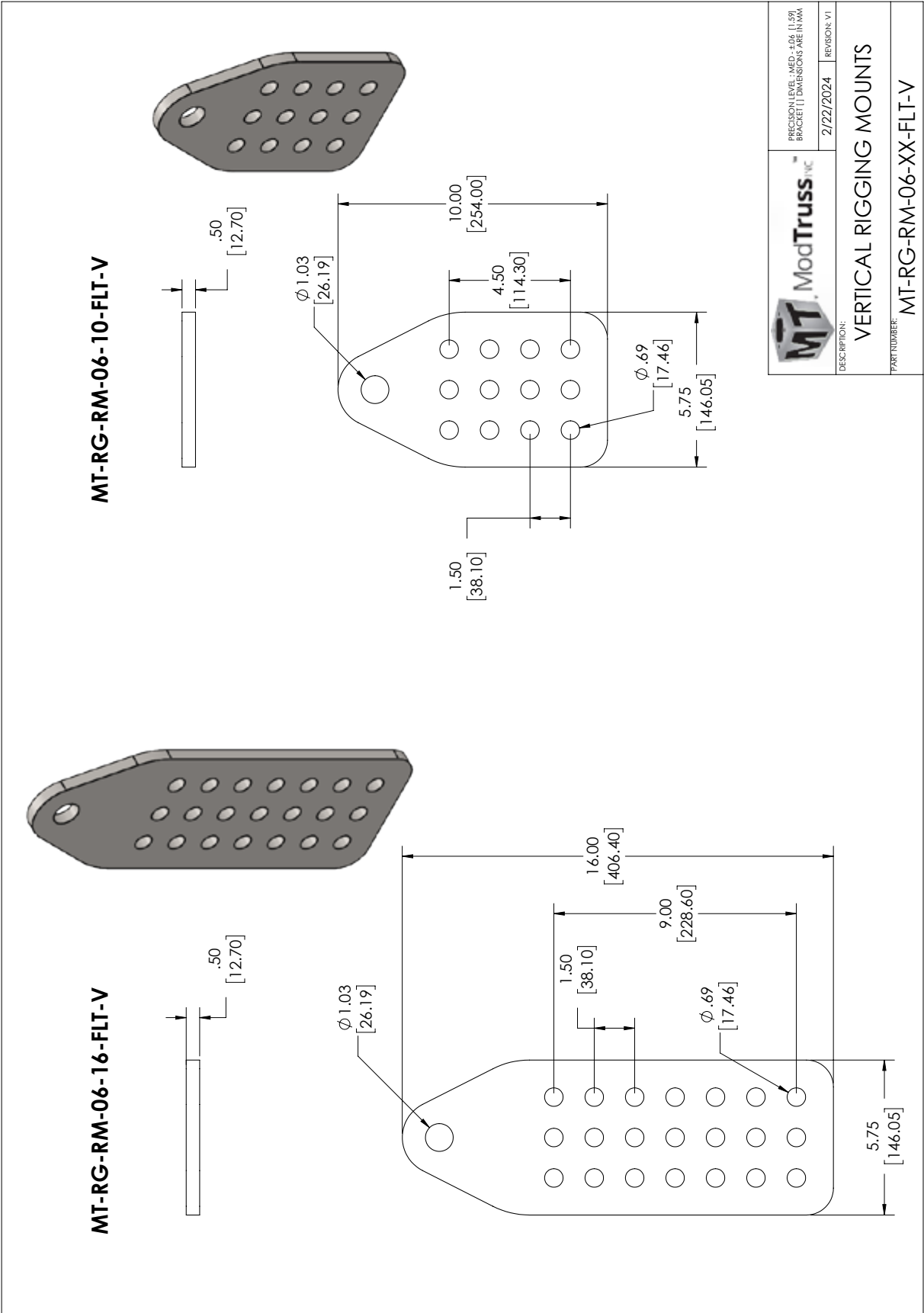
Compatible



Serialized & Traceable



Made To Order



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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1

Part # Description	Weight
MT-RG-RM-GB-12-12-UN-03	23.65lbs (10.73kg)
MT-RG-RM-GB-06-12-UN-03	10.80lbs (4.90kg)



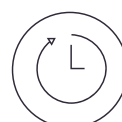
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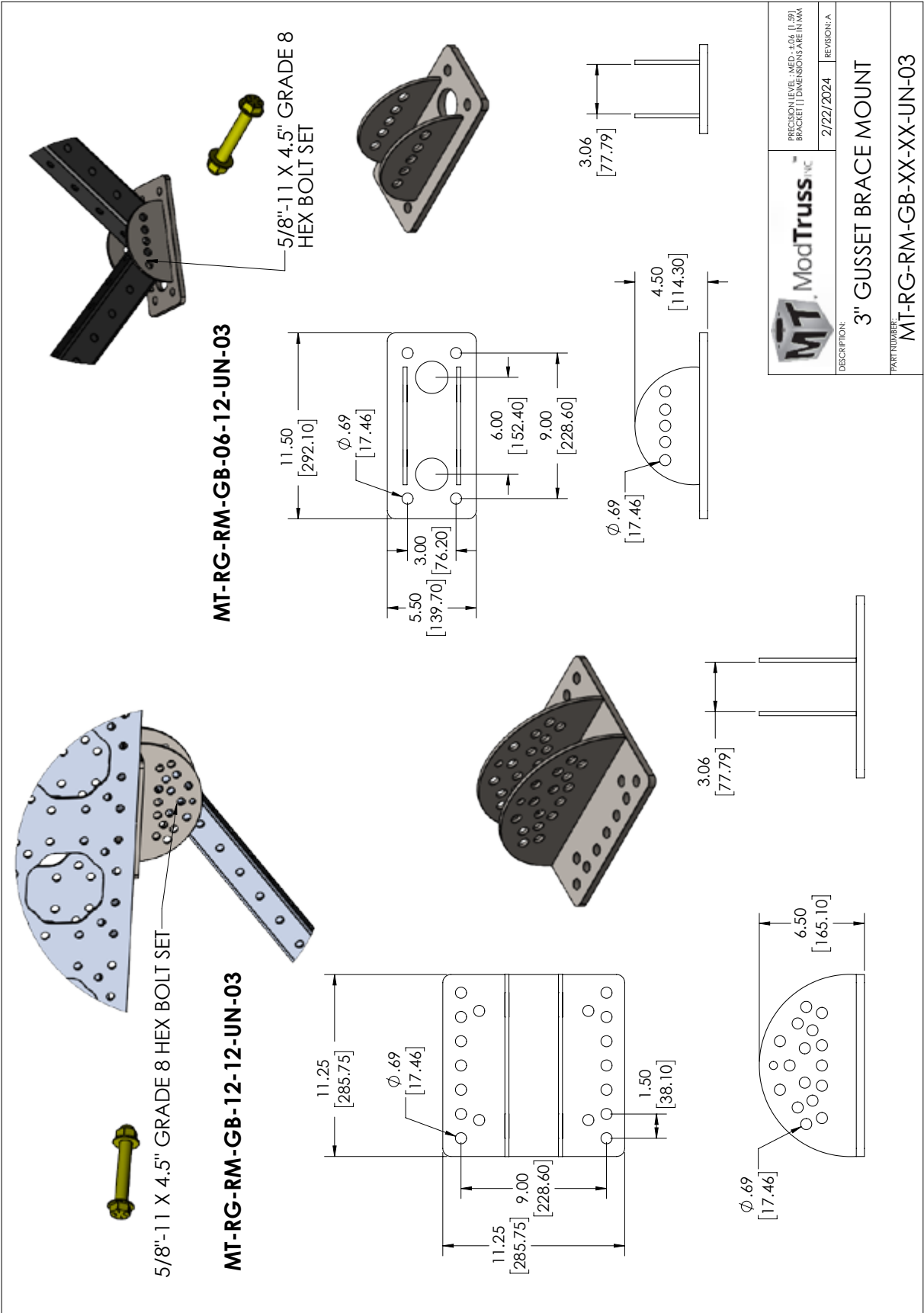
Compatible



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Order



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)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



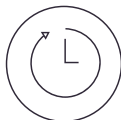
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Compatible



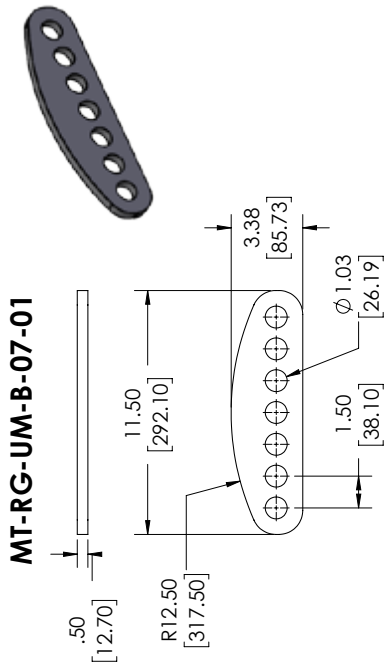
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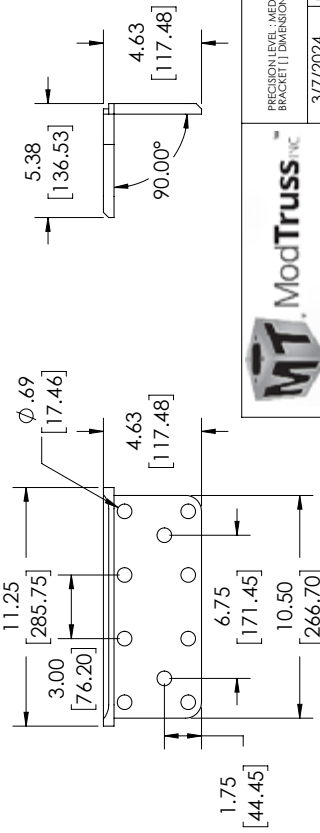
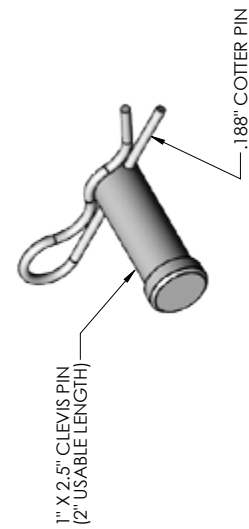
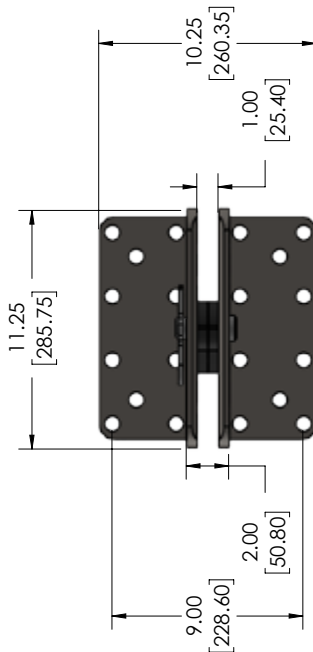
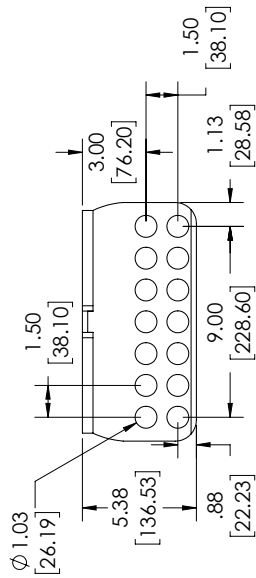
Made To
Order

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
COTTER PIN	.188" X 1" ZINC PLATED COTTER PIN	2
CLEVIS PIN	1" X 2.5" ZINC PLATED CLEVIS PIN	2

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



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



PRECISION LEVEL : MED - ± 0.6 [1.59]
BRACKET [] DIMENSIONS ARE IN MM

3/7/2024
REVISION: VI

1000

UNIVERSAL MOUNT AND BISCUIT

RT NUMBER:
MT-RG-UM-A-12-06-14-01-AS

Slotted Extrusion Rigging Mount

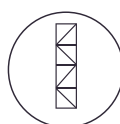


MT-RG-RM-03-06-UHO-128-H

Standard Material	A36 Low Carbon Steel
Standard Finish	21- Powder Coated Flat Black
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Weight	3.65lbs (1.66kg)
Capacity	552lbs (250.84kg)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1
Pro Tips	For creating a curved video wall with straight beam segments.



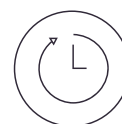
In Stock



Compatible



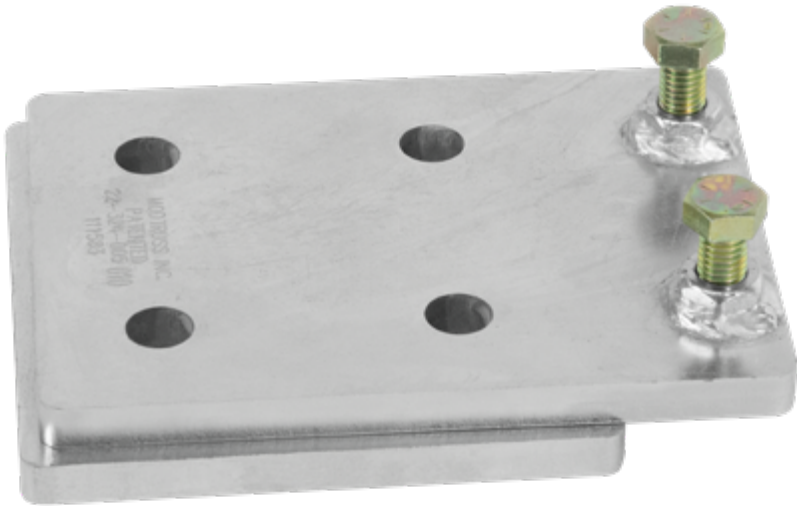
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Traceable



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TR
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TK
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Beam Clamp Assembly

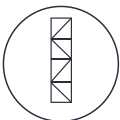


MT-RG-BC-06-09-0050-128-H

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



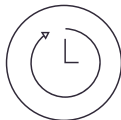
In Stock



Compatible

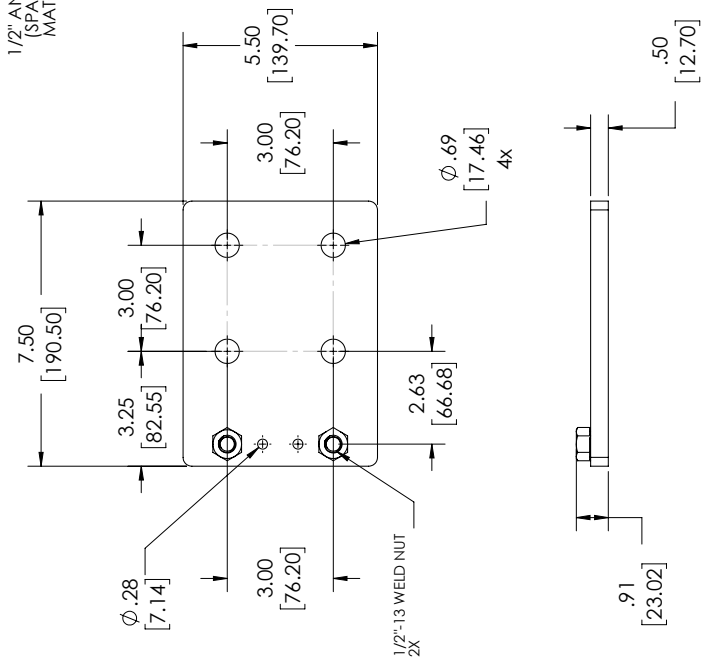
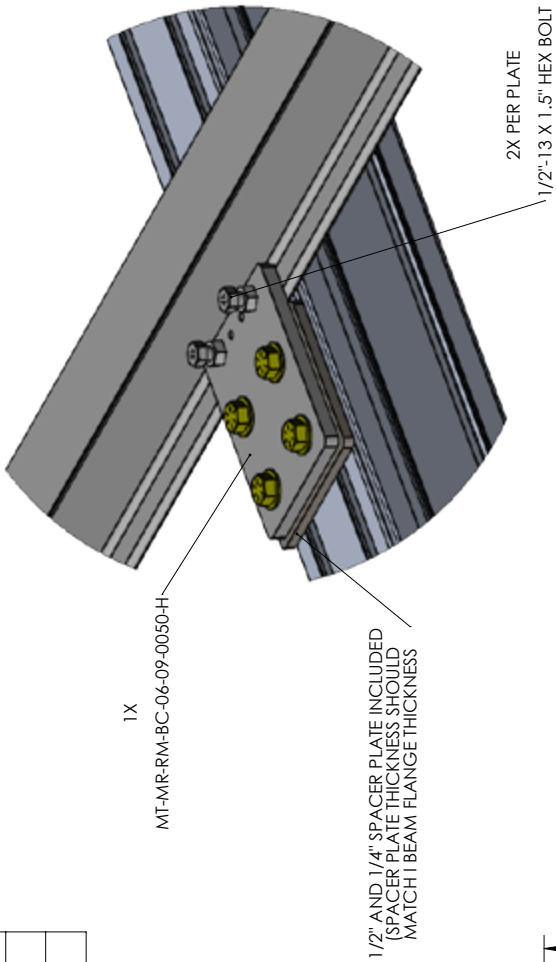


Serialized & Traceable



Made To 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



 ModTruss ^{INC}	PRECISION LEVEL - MED. ±.04 (1.59) BRACKET () DIMENSIONS ARE IN MM
	3/18/2024
REVISION: A	
DESCRIPTION: BEAM CLAMP	
PART NUMBER: MT-RG-BC-06-09-0050-128-H	

12" Pintle Hook Assembly



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

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



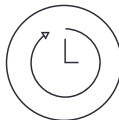
In Stock



Compatible



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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
1/2"-13 X 2" ZINC PLATED FLAT HEAD	HOOK TO PLATE HARDWARE	4
1/2" GRADE 8 SAE WASHER	HOOK TO PLATE HARDWARE	4
1/2"-13 GRADE 8 NYLOC HEX NUT	HOOK TO PLATE HARDWARE	4

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

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

ModTruss INC.

PRECISION LEVEL: MED: ±0.6 [1.29]
BRACKET (1) DIMENSIONS ARE IN MM

7/29/2024

REVISION: A

12" PINTLE HOOK ASSEMBLY

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

6" Pintle Ring Assembly

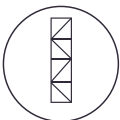


MT-RG-TH-PR-06-0663-0600-0250-0653_AS

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



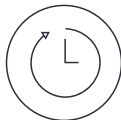
In Stock



Compatible



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Traceable



Made To
Order

PART NUMBER	DESCRIPTION	QTY.
MT-RG-TH-PR-06-0600-0250-0653	PINTLE RING	1
MT-RG-TH-PR-PL-06-0450-0450-0050	6" PINTLE RING PLATE	1
5/8"-11 X 2.5" ZINC PLATED FLAT HEAD	SLEWING RING TO MOUNTING PLATE	8
5/8" GRADE 8 SAE WASHER	RING TO PLATE HARDWARE	4
5/8"-11 GRADE 8 NYLOC HEX NUT	RING TO PLATE HARDWARE	4

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

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

ModTruss

PRECISION LEVEL: MED. ±0.6 [1.59]
BRACKET [1] DIMENSIONS ARE IN MM

7/29/2024

REVISION: A

DESCRIPTION:
6" PINTLE RING ASSEMBLY

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

ACCESS



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



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

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

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FT

GL

Stair Tread

48" Wide

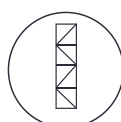


MT-AC-ST-TR-48-30

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



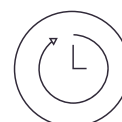
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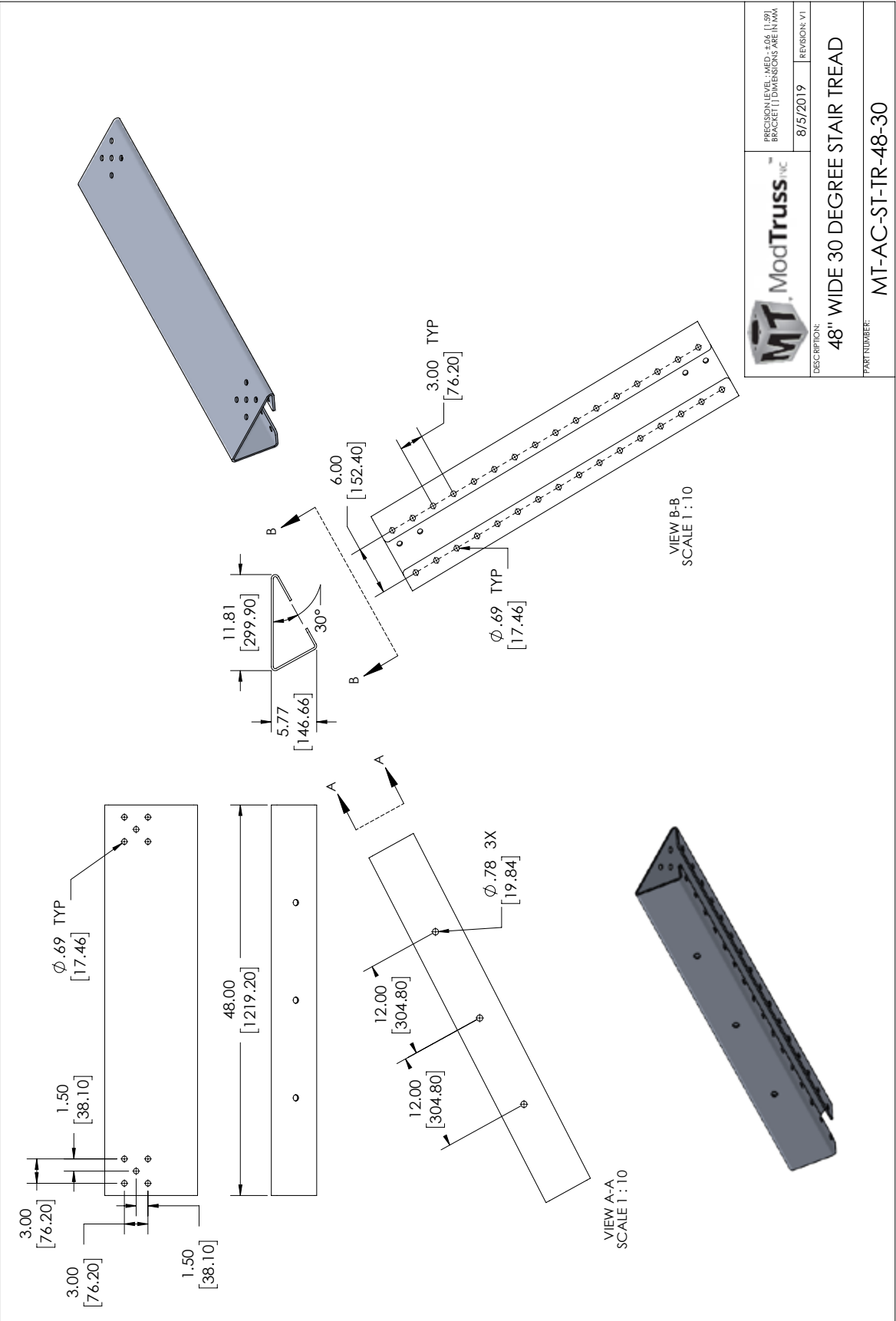
Compatible



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Stair Stringer

24" x 30° Rise

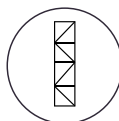


MT-AC-ST-ST-24-30

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



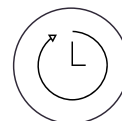
In Stock



Compatible



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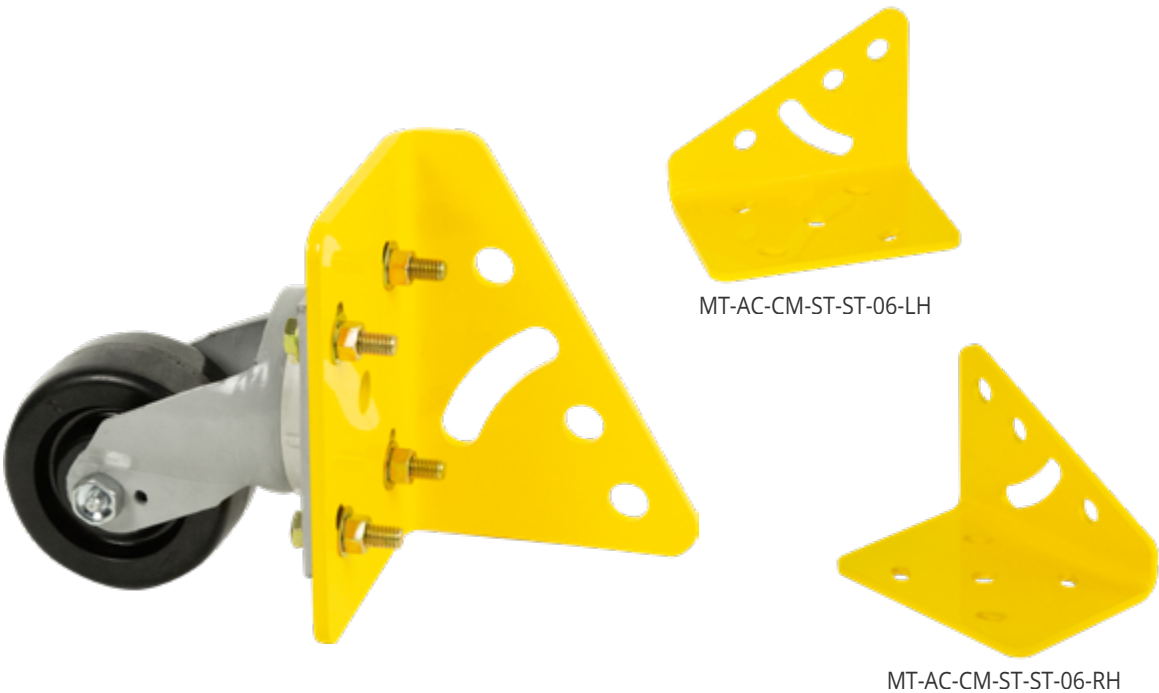


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Order



DESCRIPTION:	STAIR STRINGER 24" x 30° RISE
PART NUMBER:	MT-AC-ST-ST-24-30

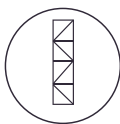
Stair Stringer Caster Mount



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 Mod Truss Connection Guide
Recommended Tools	Tool Kit 1 Adjustable wrench
Note	Caster Sold Separately



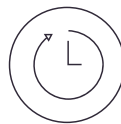
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Compatible



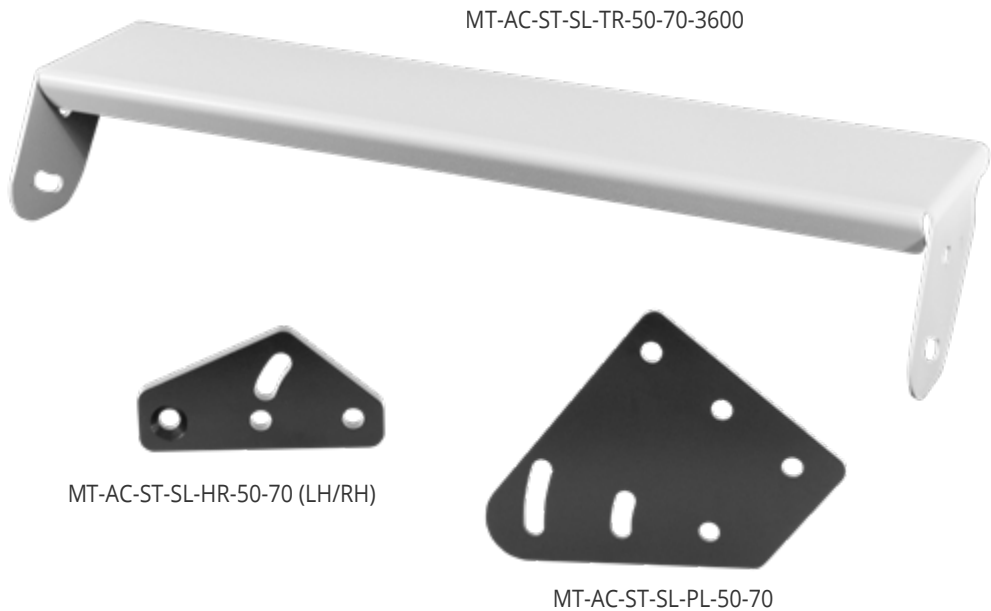
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Ship Stair Assembly

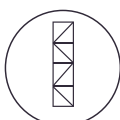


Standard Material	A36 Low Carbon Steel
Standard Finish	24 Gray Anti-Slip Powder Coat
Available Finish(es)	20-30 Powder Coat
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

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)



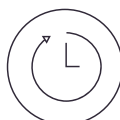
In Stock



Compatible



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Order

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

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

15.00
[381.00]

6.38
[161.93]

3" TRUSS PER
REQUESTED
RISE AND RUN

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

1.50
[38.10]

36.00
[914.40]

42.00
[1066.80]

46.21
[1173.80]

FIXED ANGLE
50°-70°

BRACKET [] DIMENSIONS ARE IN MM

11/11/2024

REVISION: A

DESCRIPTION:
SHIP LADDER STAIR

PART NUMBER:
MT-AC-ST-SL-50-70

36" Wide Adjustable Rise and Run Stair Assembly

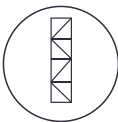


MT-AC-ST-AJ-30-50-036-XX

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



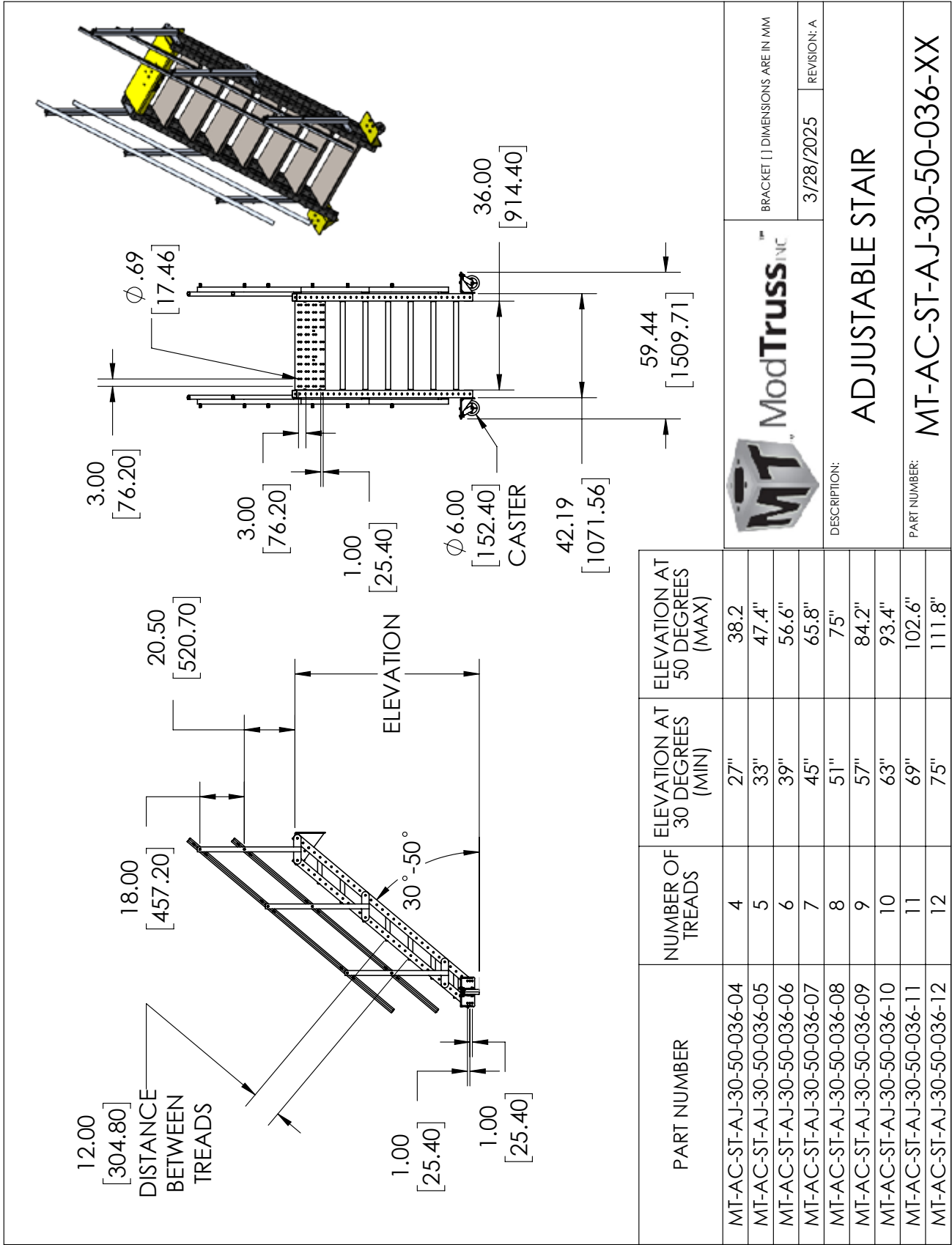
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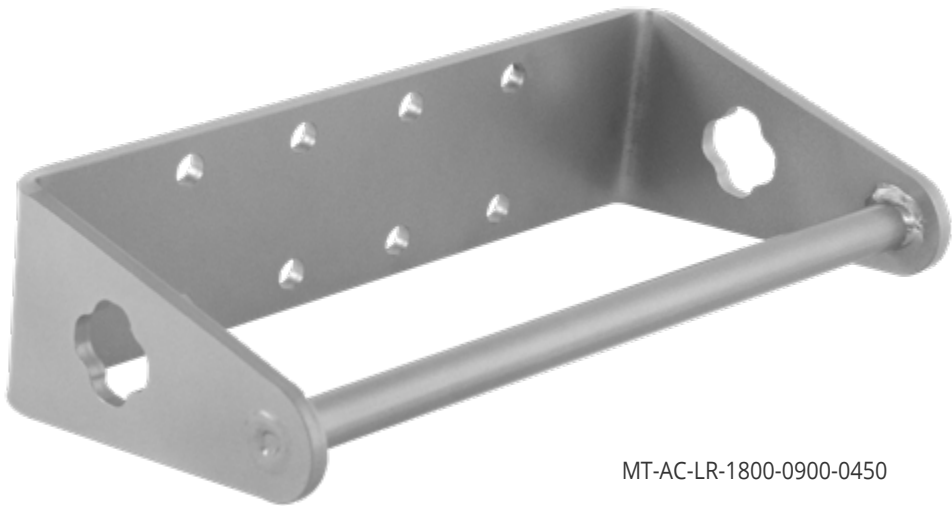
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Traceable



Made To
Order



18" Ladder Rung

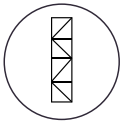


MT-AC-LR-1800-0900-0450

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



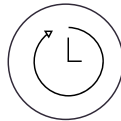
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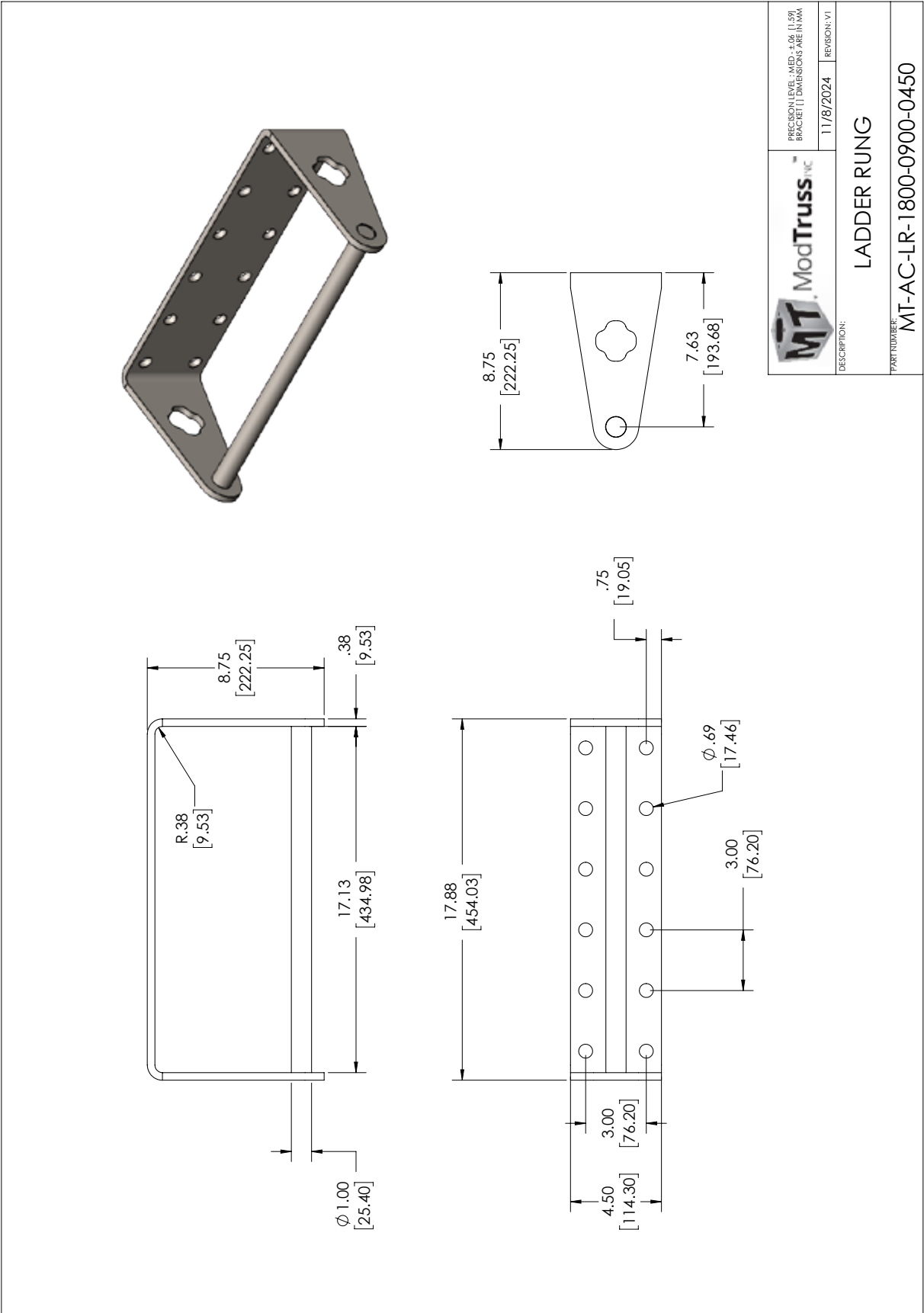
Compatible



Serialized &
Traceable



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Order



ModPanels with 1" Plywood



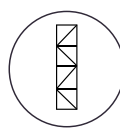
MT-AC-MP-06-XXX-XXX

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



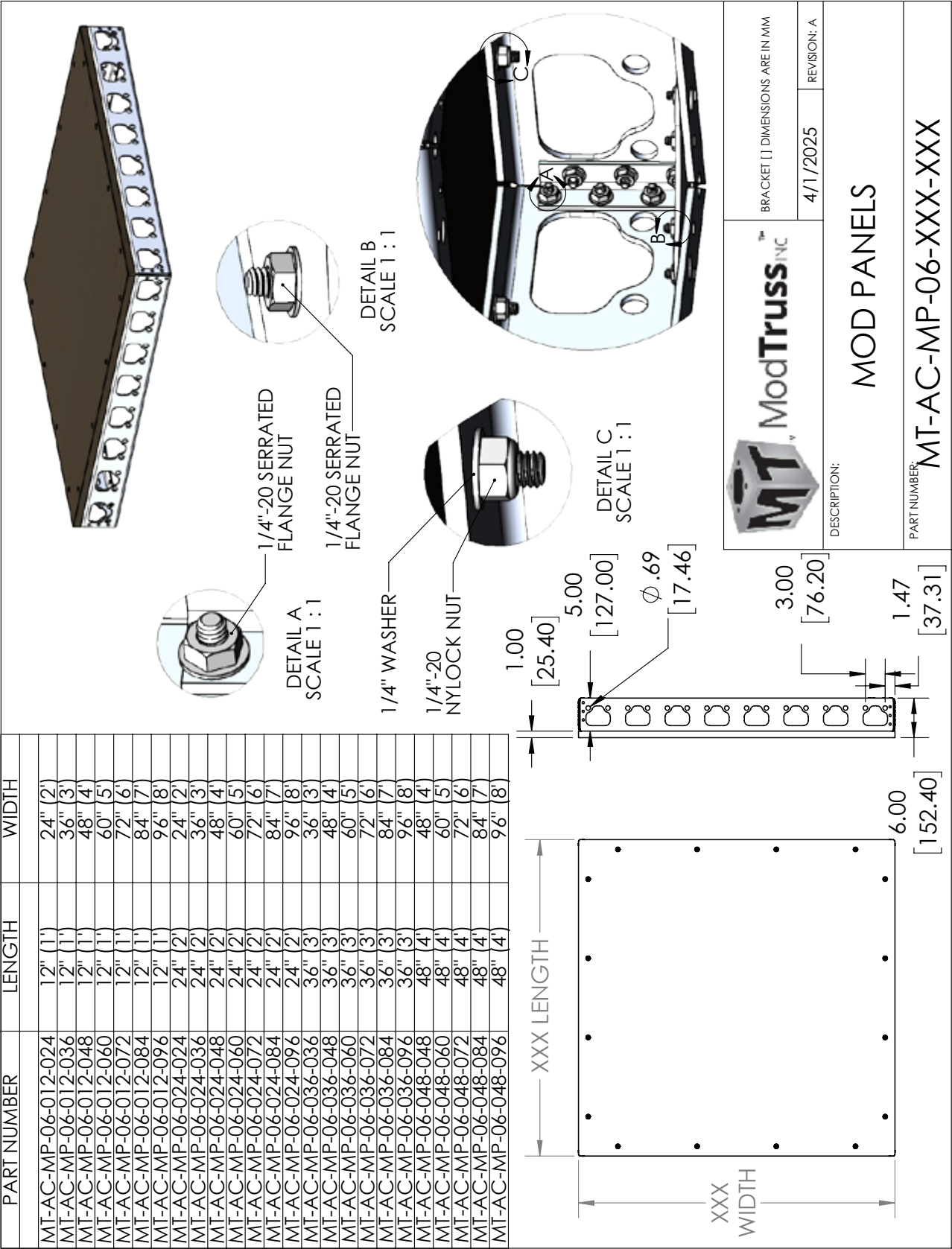
Compatible



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Order



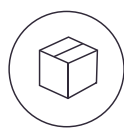
Steel ModPlank- 12" Wide



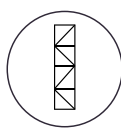
MT-AC-MP-03-12-XXX

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)



In Stock



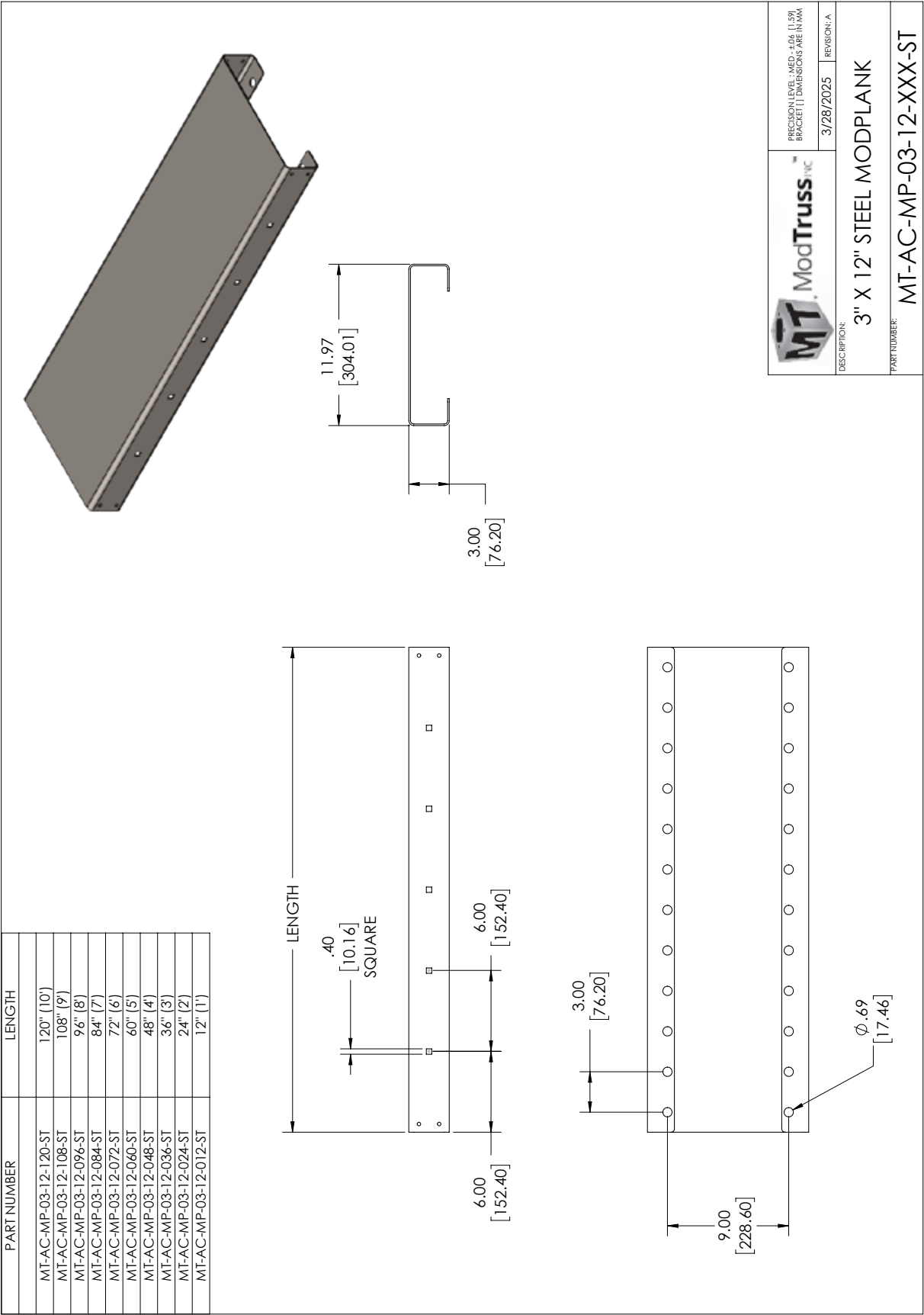
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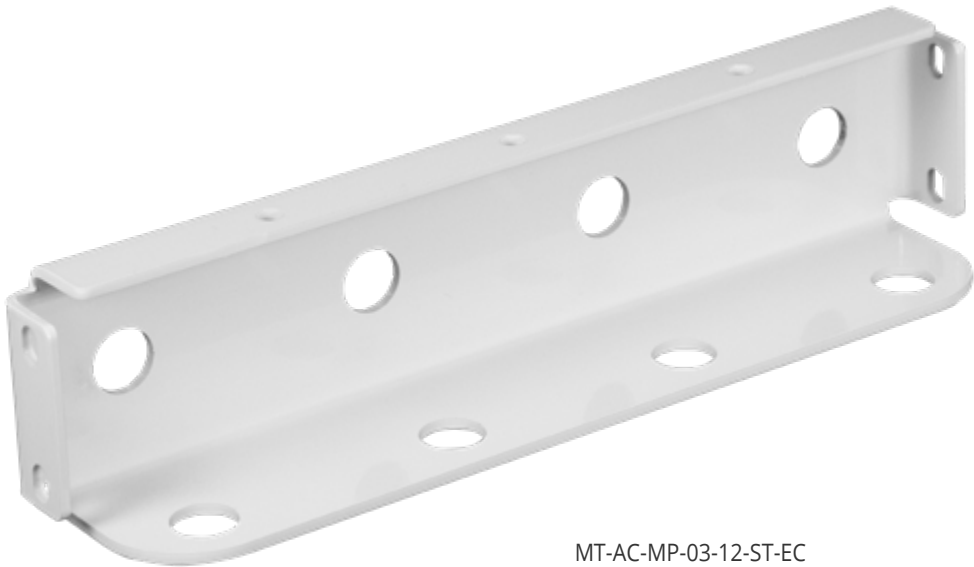
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ModPlank End Cap

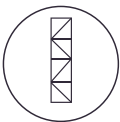


MT-AC-MP-03-12-ST-EC

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)
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



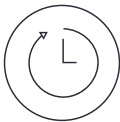
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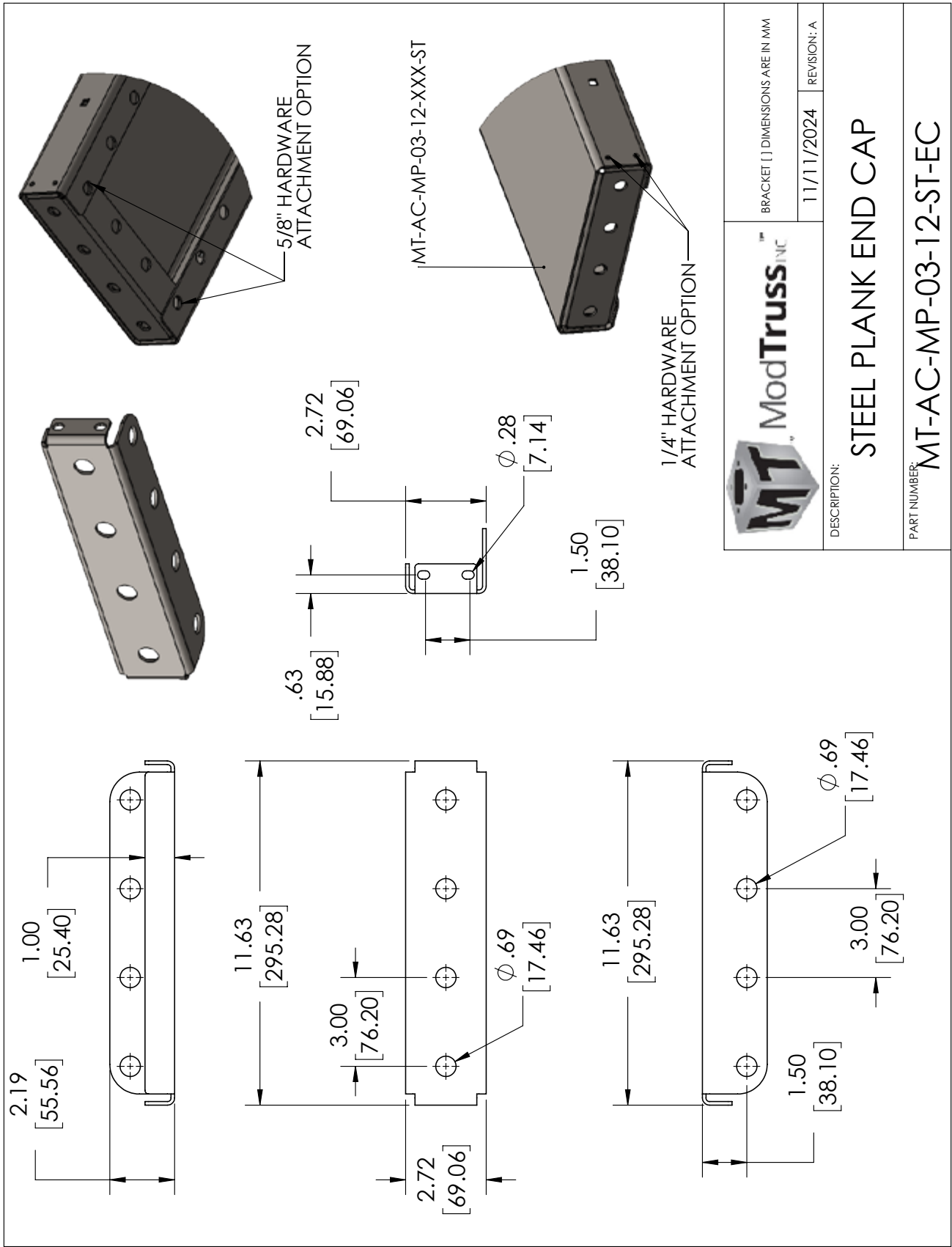
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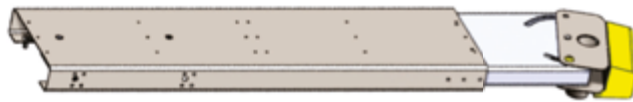
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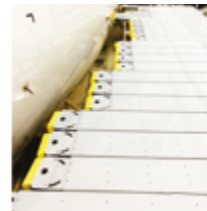
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AeroSlider



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

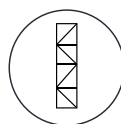


Standard Material	A36 Low Carbon Steel
Standard Finish	24 Gray Anti-Slip Powder Coated
Available Finish(es)	20-30 Powder Coated
Bolt Hole Size	1/2" Countersunk (12.70mm), 1/4" (6.35mm)
Recommended Hardware	7/16" - 14 Thread Grade 8 Bolt, 1.5" Long 7/16" SAE Zinc-Plated Washer 7/16"-14 Thread, Grade 8 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm 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 2743mm x 304.80mm)



In Stock



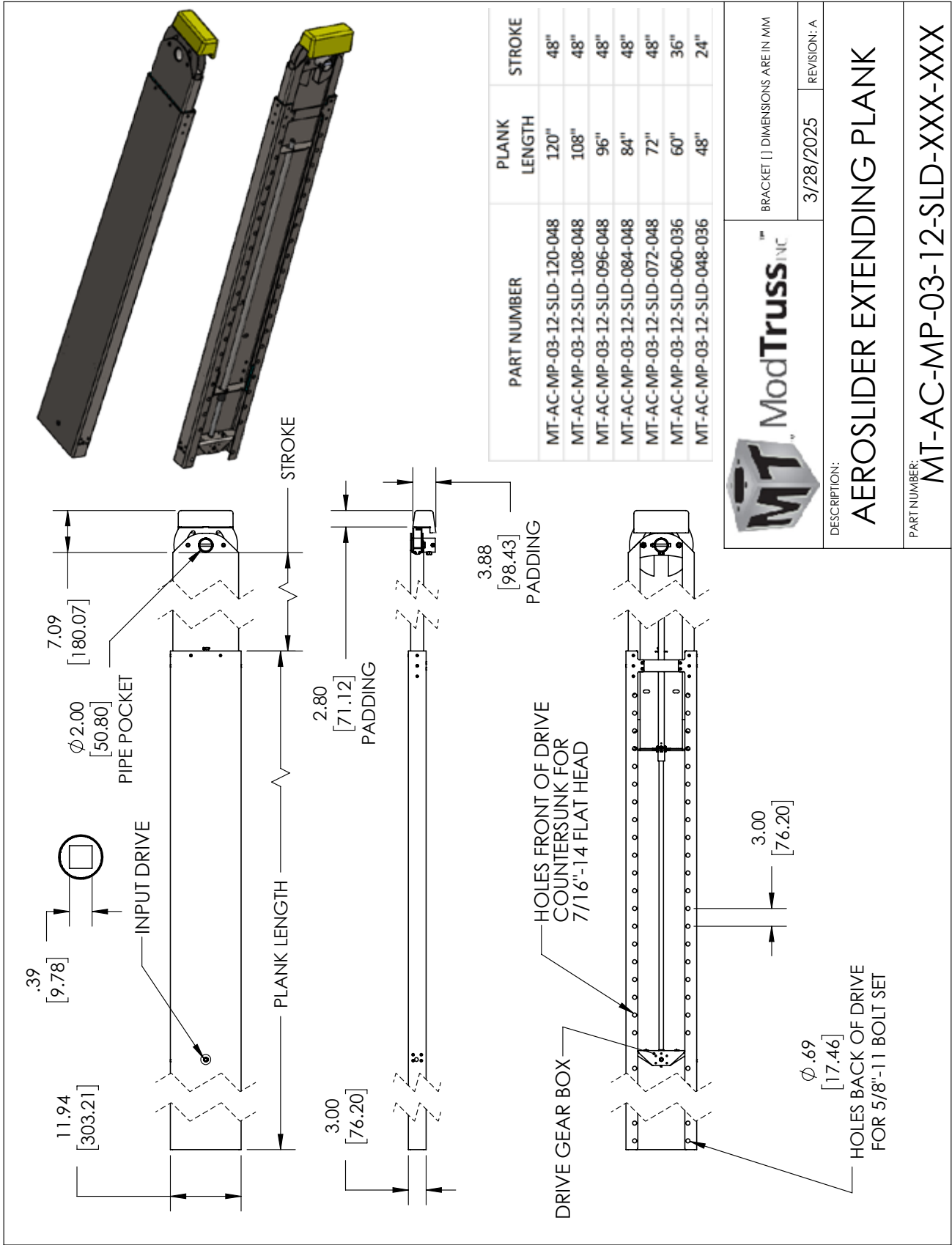
Compatible



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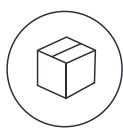


Decorative Handrail Steel (No Insert)

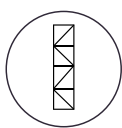


MT-AC-HR-DP-41-XXX

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



In Stock



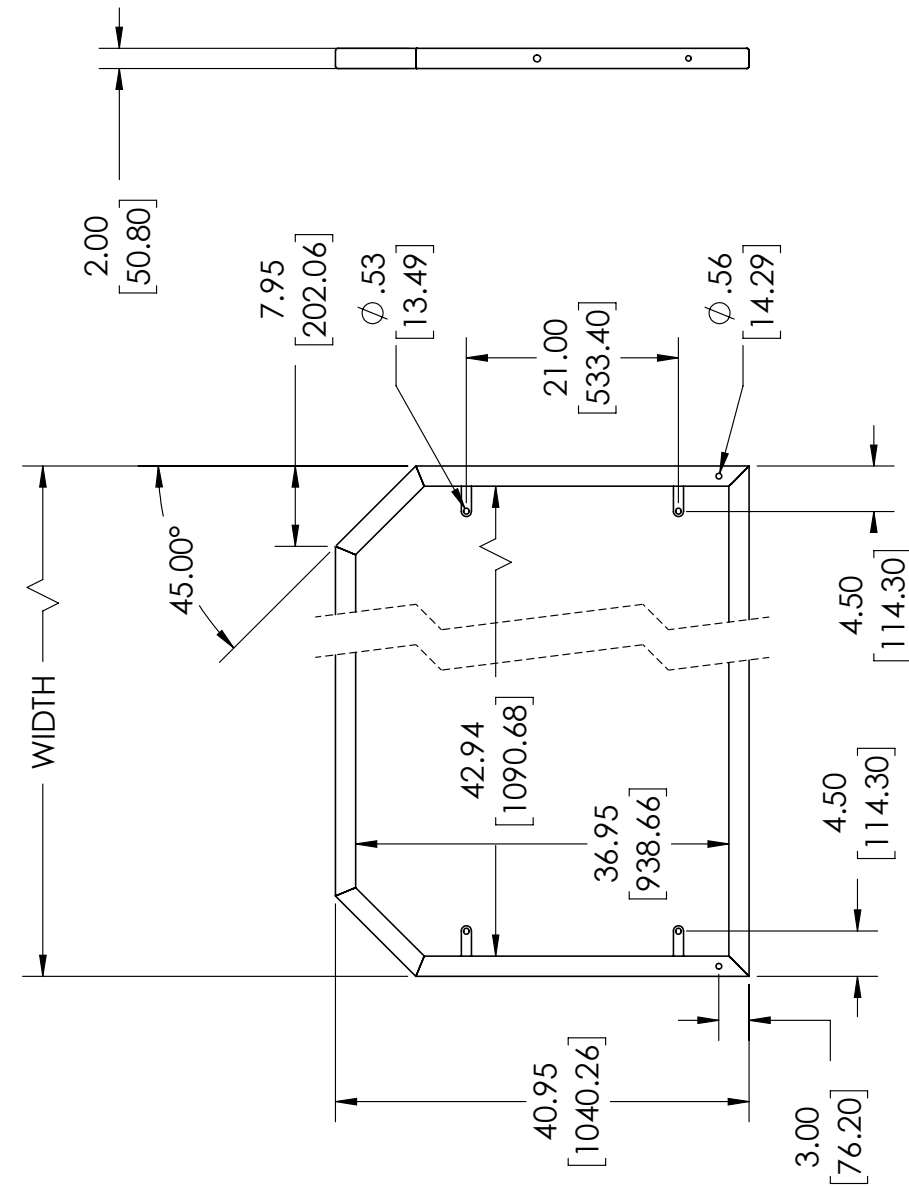
Compatible



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Order



PART NUMBER	WIDTH INCHES	WIDTH [MM]
MT-AC-HR-DP-41-024	24"	609.60
MT-AC-HR-DP-41-036	36"	914.40
MT-AC-HR-DP-41-048	48"	1219.20
MT-AC-HR-DP-41-060	60"	1524.00
MT-AC-HR-DP-41-072	72"	1828.80
MT-AC-HR-DP-41-084	84"	2133.60
MT-AC-HR-DP-41-096	96"	2438.40



BRACKET [] DIMENSIONS ARE IN MM

11/8/2024

REVISION: A

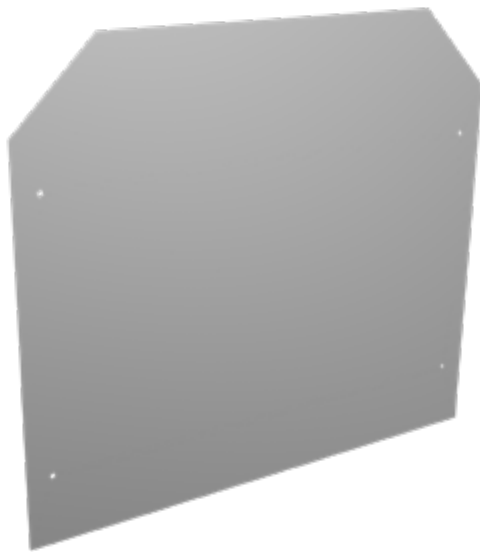
DESCRIPTION:

DECORATIVE HANDRAIL FRAME

PART NUMBER:

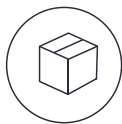
MT-AC-HR-DP-41-XXX

Polycarbonate Handrail Insert

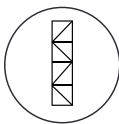


MT-AC-HR-DP-41-XXX_06

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



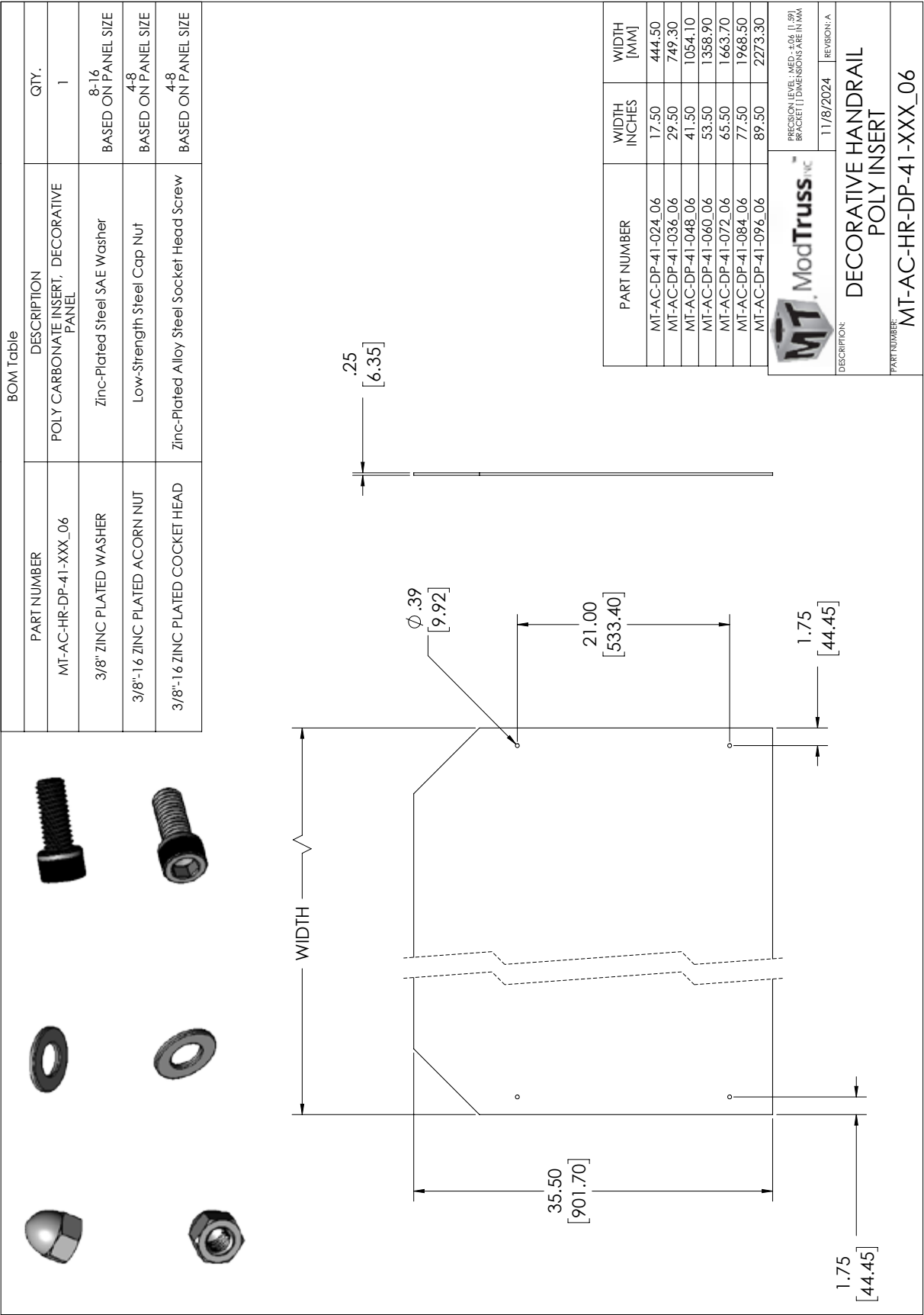
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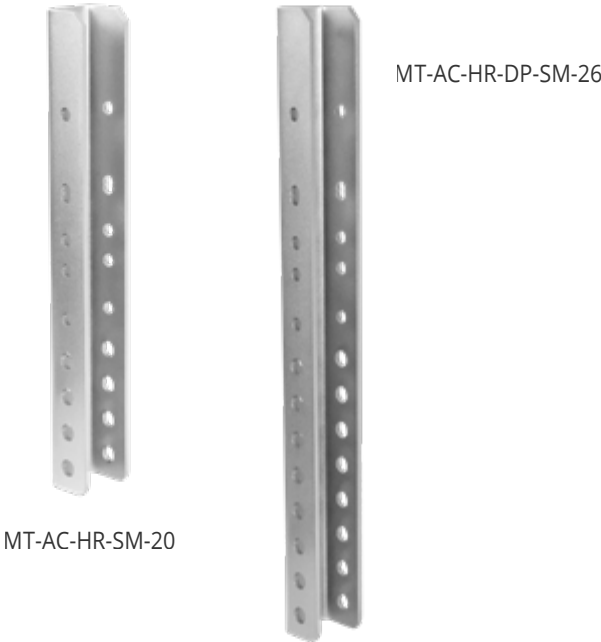
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Decorative Handrail Mount

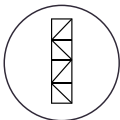


Standard Material	A36 Low Carbon Steel
Standard Finish	25 - Powder Coated Silver
Available Finish(es)	10-12 Zinc 20-30 Powder Coated
Bolt Hole Size	11/16" (17.46mm)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1

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)



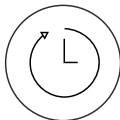
In Stock



Compatible



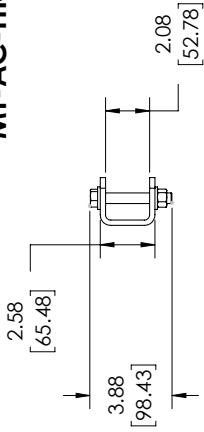
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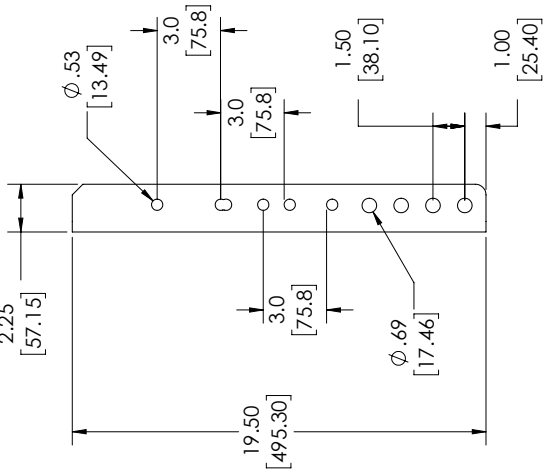
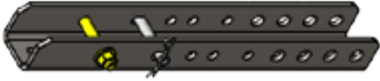
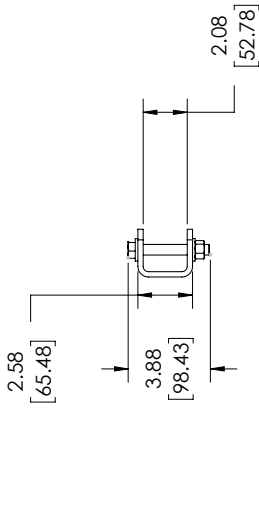
Made To
Order

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
1/2"-13 X 3.5" GRADE 5 HEX BOLT	GUARDRAIL THROUGH BOLT	1	1/2"-13 X 3.5" GRADE 5 HEX BOLT	GUARDRAIL THROUGH BOLT	1
1/2" SAE GRADE 5 WASHER	GUARDRAIL THROUGH BOLT	2	1/2" SAE GRADE 5 WASHER	GUARDRAIL THROUGH BOLT	2
1/2"-13 GRADE 5 HEX NUT	GUARDRAIL THROUGH BOLT	1	1/2"-13 GRADE 5 HEX NUT	GUARDRAIL THROUGH BOLT	1
1/2" X 2.75" USABLE LENGTH CLEVIS PIN	GUARDRAIL SHELF PIN	1	1/2" X 2.75" USABLE LENGTH CLEVIS PIN	GUARDRAIL SHELF PIN	1

MT-AC-HR-DP-SM-26



MT-AC-HR-DP-SM-20



	PRECISION LEVEL - MED. ±0.4 (1.59) BRACKET (1) DIMENSIONS ARE IN MM
DESCRIPTION: DECORATIVE GUARDRAIL SIDE MOUNTS	4/1/2025 REVISION: A
PART NUMBER: MT-AC-HR-DP-SM-XX	

Speed Rail Fittings for 1.5" Schedule 40 Pipe



MT-AC-HC-WYE-S-0150



MT-AC-HC-TES-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

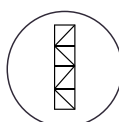


MT-AC-HC-CAP-F-0150

Part # Description	Size	Weight
MT-AC-HC-WYE-S-0150	1.5" 540 Adjustable WYE	0.85lbs (0.38kg)
MT-AC-HC-TES-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)



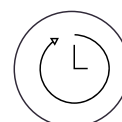
In Stock



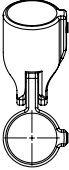
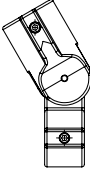
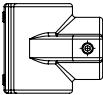
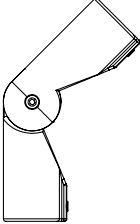
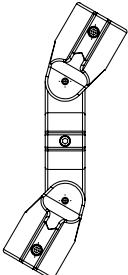
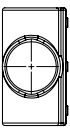
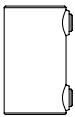
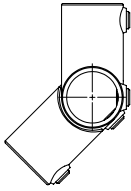
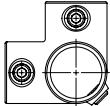
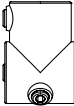
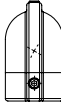
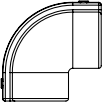
Compatible



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MT-AC-HC-WYE-S-0150	MT-AC-HC-TES-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
  	  	  	  	  	  
ModTruss™ PRECISION LEVEL - MED. +0.4 (-1.59) BRACKET () DIMENSIONS ARE IN MM DESCRIPTION: 1.5" SPEED RAIL FITTINGS REVISION: V1 9/19/2018 PART NUMBER: MT-AC-HC-XXX-X-0150					

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

4" Toe Board Corner Plate

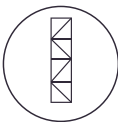


MT-AC-TB-PL-0400-0200-090

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



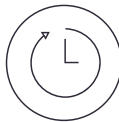
In Stock



Compatible

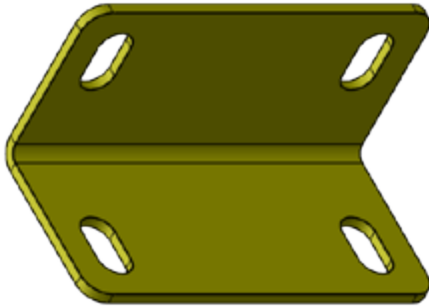
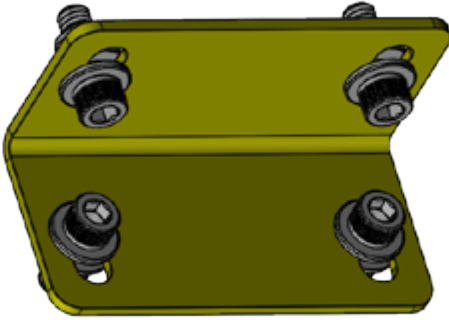
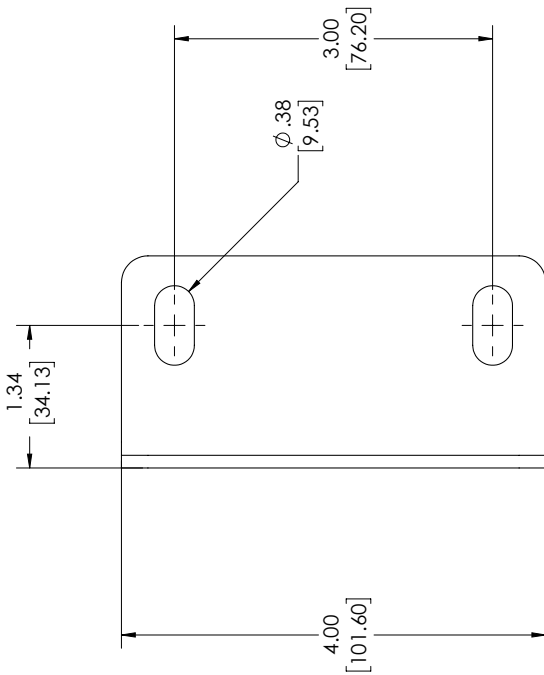
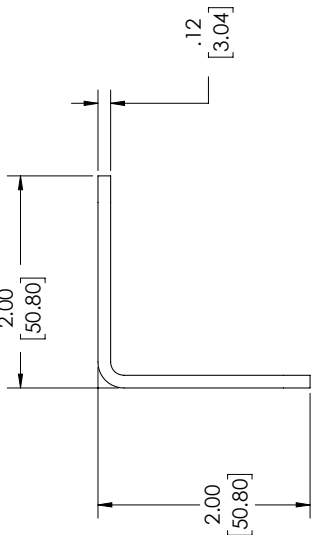


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Traceable



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Order

PART NUMBER	DESCRIPTION	QTY.
MT-AC-TB-PL-0400-0200-090	YELLOW CORNER BRACKET	1
5/16"-18 GRADE 5 WASHER	Zinc-Plated Steel SAE Washer	8
5/16"-18 X 7/8" GRADE 5 SOCKET HEAD	Zinc-Plated Alloy Steel Socket Head Screw	4
5/16"-18 GRADE 5 NYLOCK NUT	Steel Nylon-Insert Locknut	4



PRECISION LEVEL: MED - ± 0.6 [1.59]
BRACKET [] DIMENSIONS ARE IN MM

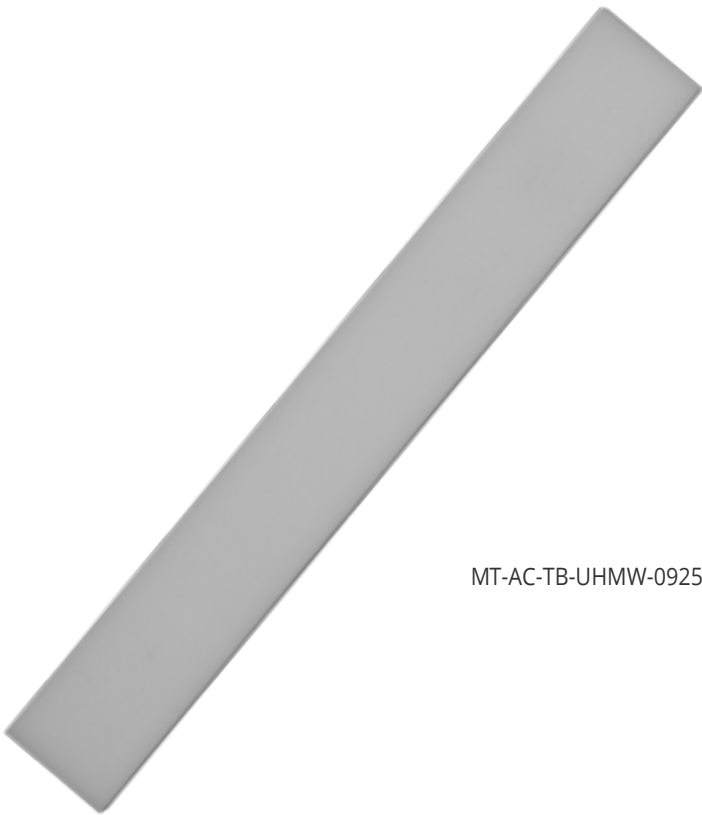
3/31/2025
REVISION: A

DESCRIPTION:

4" TOE BOARD CORNER PLATE

PART NUMBER:
MT-AC-TB-PL-0400-0200-090

Toe Board Mount Bar for T-Slot Pipe

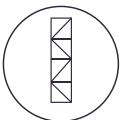


MT-AC-TB-UHMW-0925

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



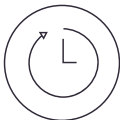
In Stock



Compatible



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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

1.25
[31.75]

.50
[12.70]

9.25
[234.95]

ModTruss^{INC}

PRECISION LEVEL: MED. ±.04 (1.58)
BRACKET (I) DIMENSIONS ARE IN MM

7/17/2024

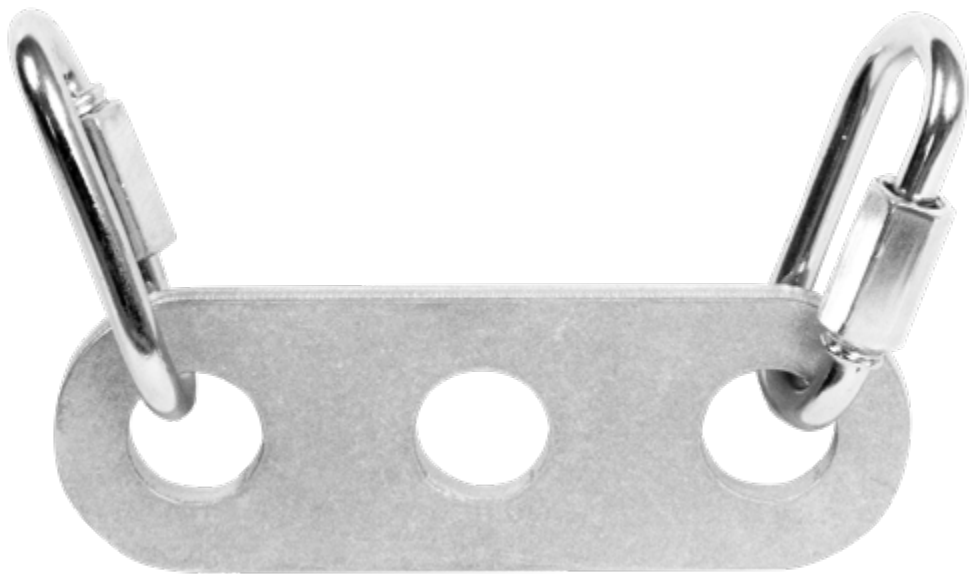
REVISION: A

DESCRIPTION:
TOE BOARD MOUNTING BAR

PART NUMBER:
MT-AC-TB-UHMW-0925

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Post and Chain Plate

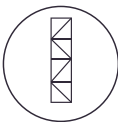


MT-AC-HC-PL-0150-03-PC

Standard Material	5052 - H32 Aluminum
Standard Finish	02- No Finish
Available Finish(es)	03 - Tumbled & Deburred
Hole Size	11/16" (17.46mm)
Weight	0.10lbs (0.05kg)
Recommended Hardware	See ModTruss Connection Guide
Recommended Tools	Tool Kit 1



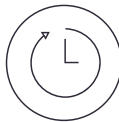
In Stock



Compatible



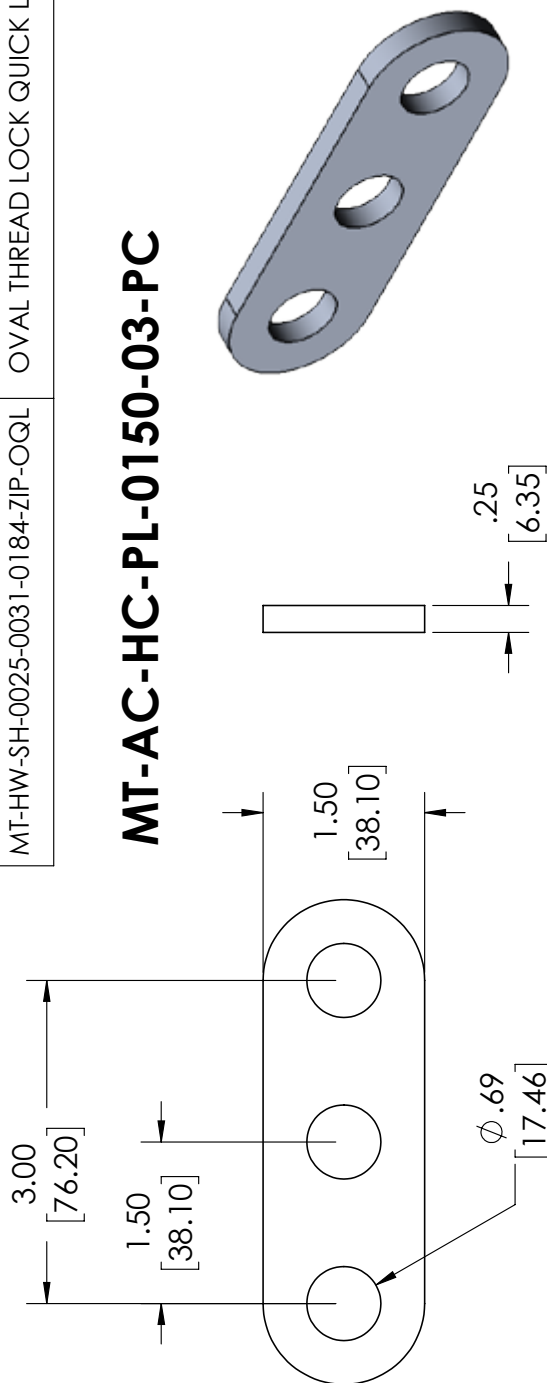
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Traceable



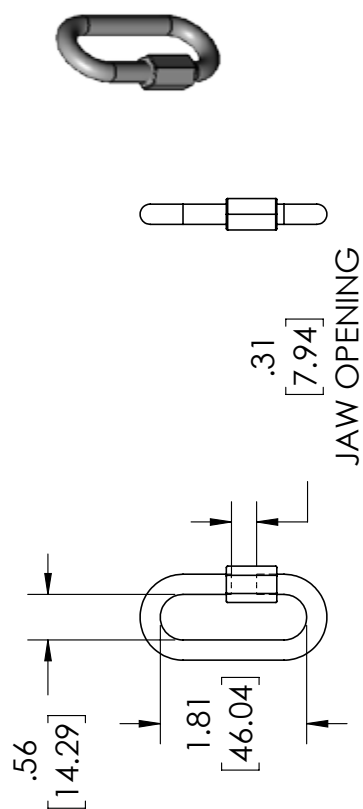
Made To
Order

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



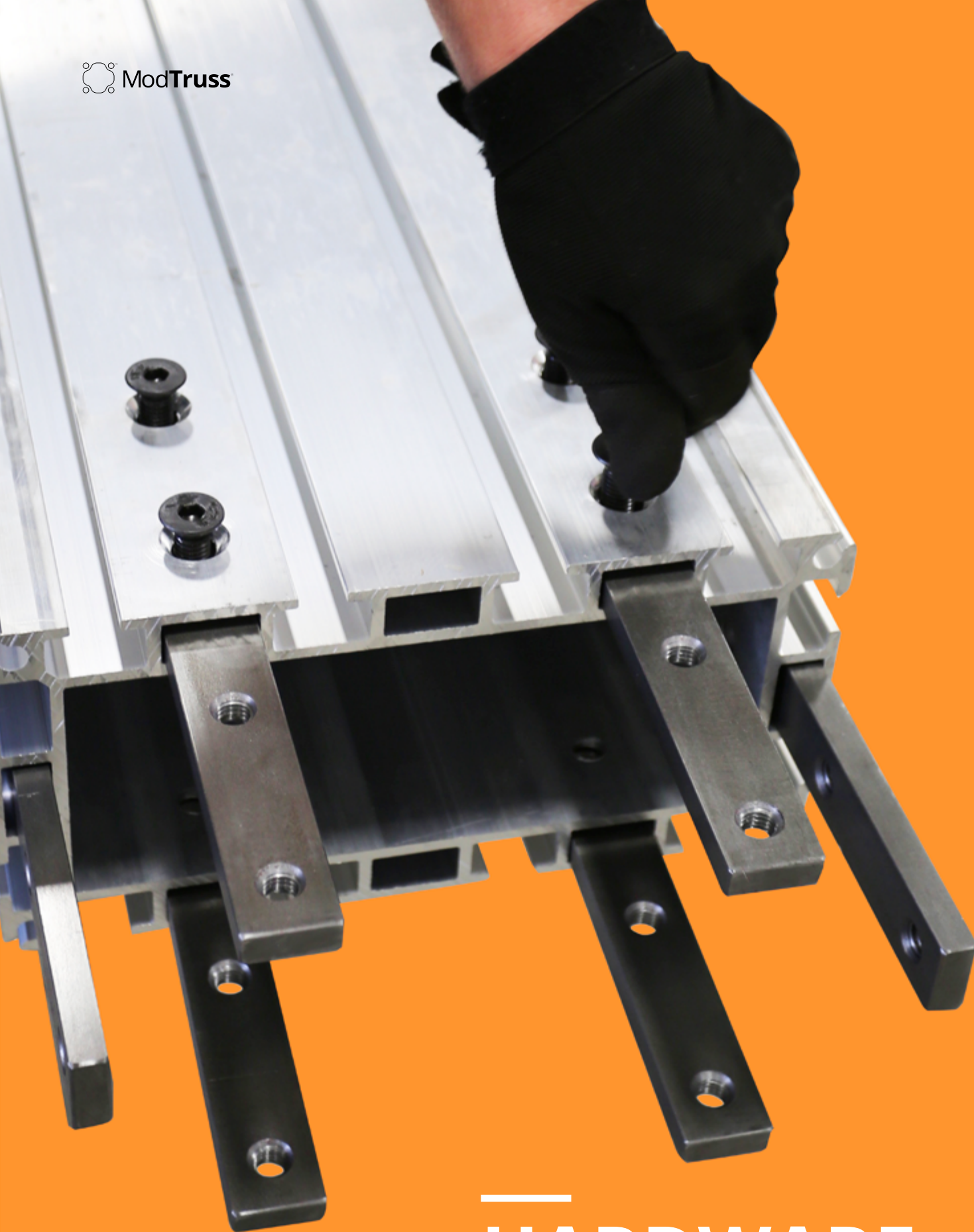
BRACKET [] DIMENSIONS ARE IN MM

11/12/2024	REVISION: A
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DESCRIPTION:

POST AND CHAIN PLATE

PART NUMBER:
MT-AC-HC-PL-0150-03-PC



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RG

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HW

TK

MH

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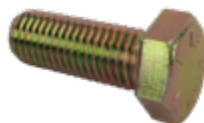
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HARDWARE

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)



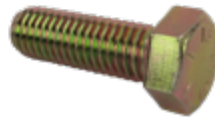
Part #	Description	Weight
MT-HW-BT-HEX-HEX-GR8-ZYP-0100-132	5/8-11 Hex Bolt, 1"	2.35oz (0.066kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0125-132	5/8-11 Hex Bolt, 1.25"	2.65oz (0.075kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0150-132	5/8-11 Hex Bolt, 1.5"	2.95oz (0.083kg)
MT-HW-BT-HEX-HEX-GR8-ZYP-0175-132	5/8-11 Hex Bolt, 1.75"	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)



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)

Splice Bar

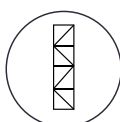


MT-HW-SB-000-128-04

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



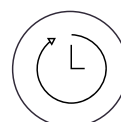
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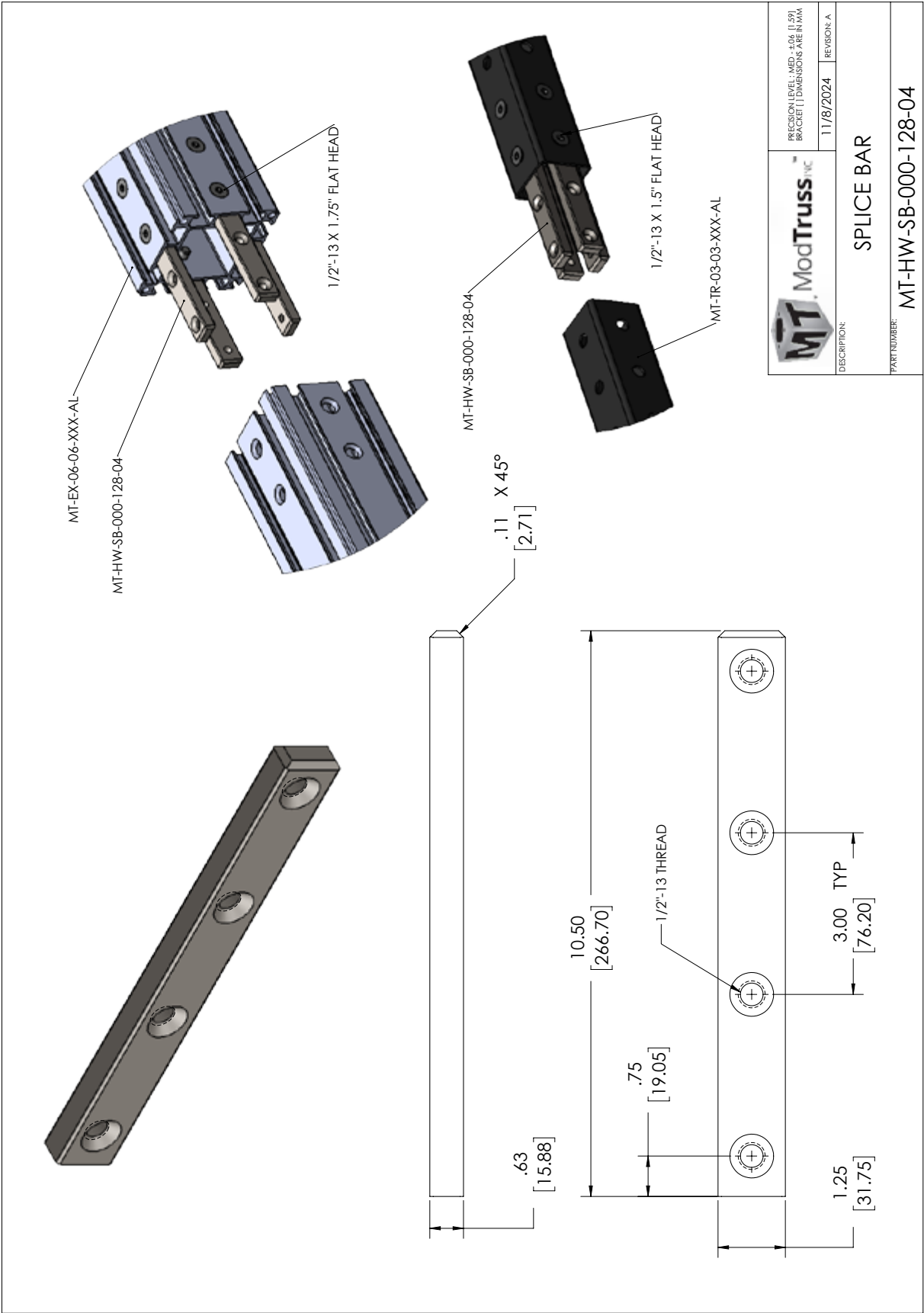
Compatible



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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

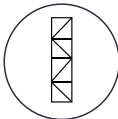
Standard Material	A36 Low Carbon Steel
Standard Finish	10 - Zinc Clear
Available Finish(es)	10-12 Zinc
Recommended Tools	Tool Kit 1

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



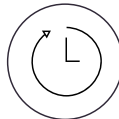
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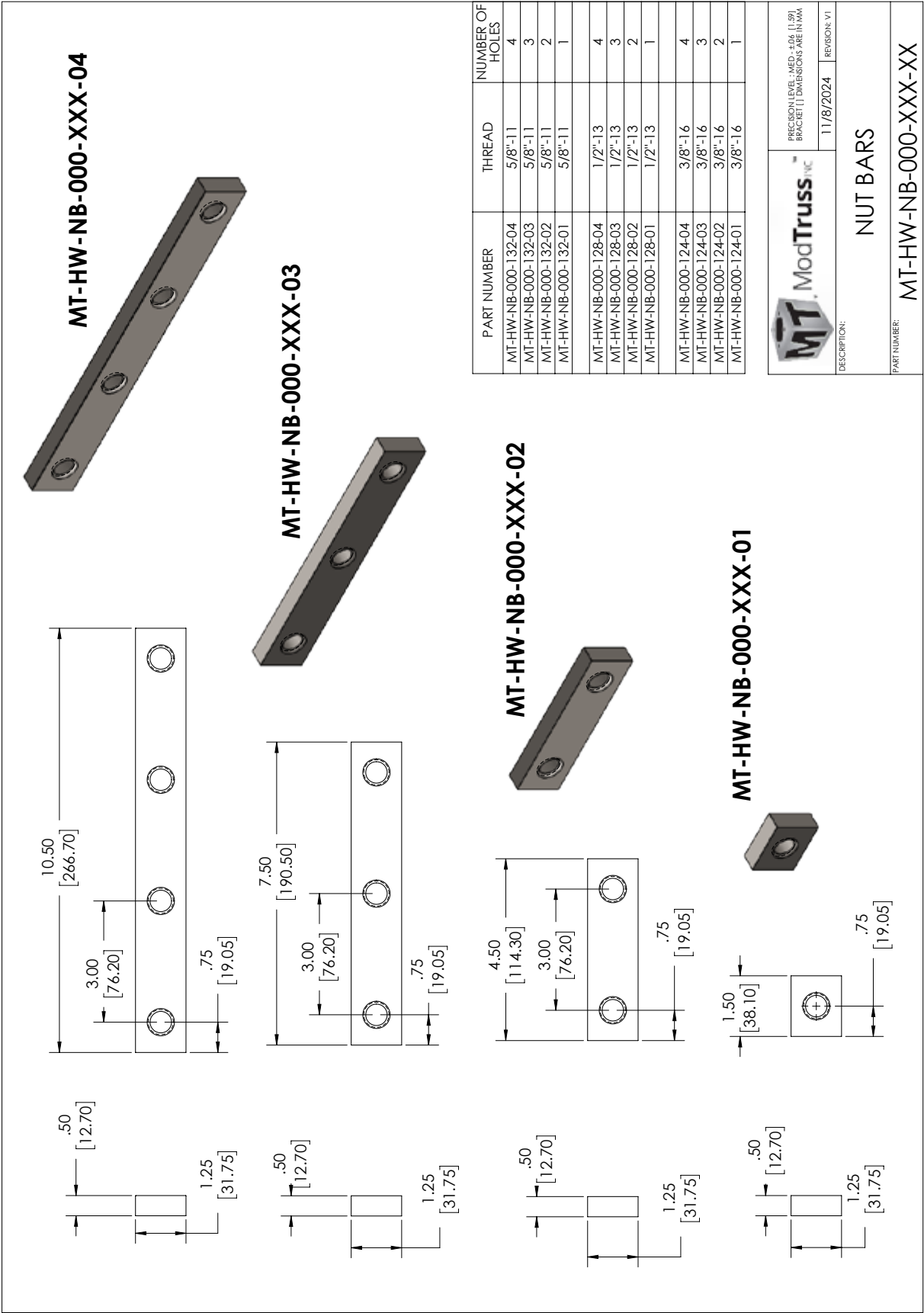
Compatible



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Traceable

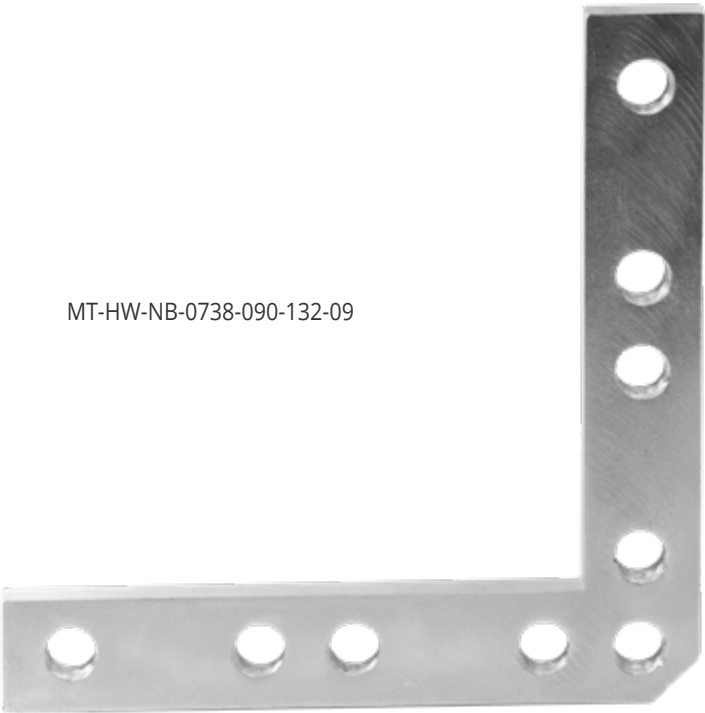


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Nut Bars - 90° Flat Angle

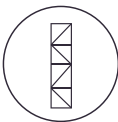
MT-HW-NB-0738-090-132-09



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



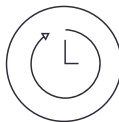
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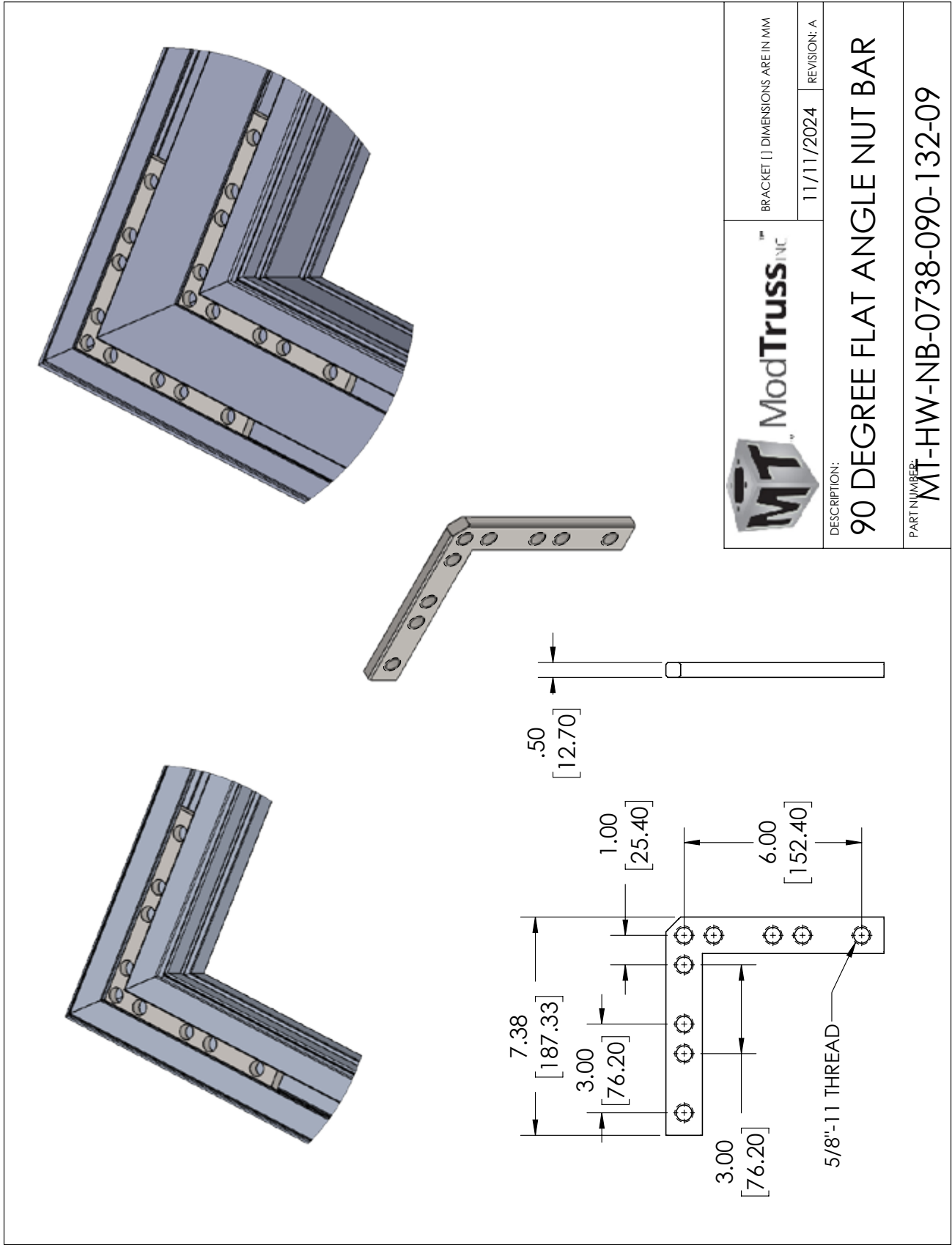
Compatible



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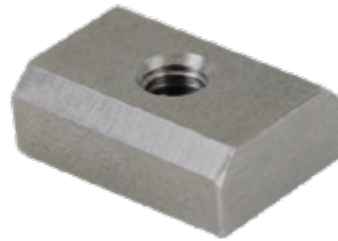


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Insert Nuts



MT-HW-IN-000-128-01



MT-HW-IN-000-124-01



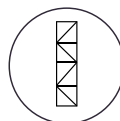
MT-HW-IN-000-132-01

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



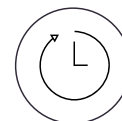
In Stock



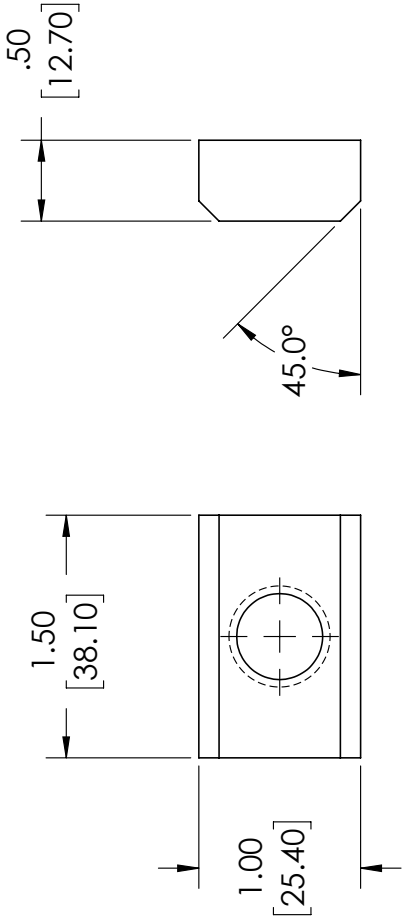
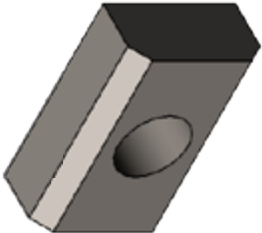
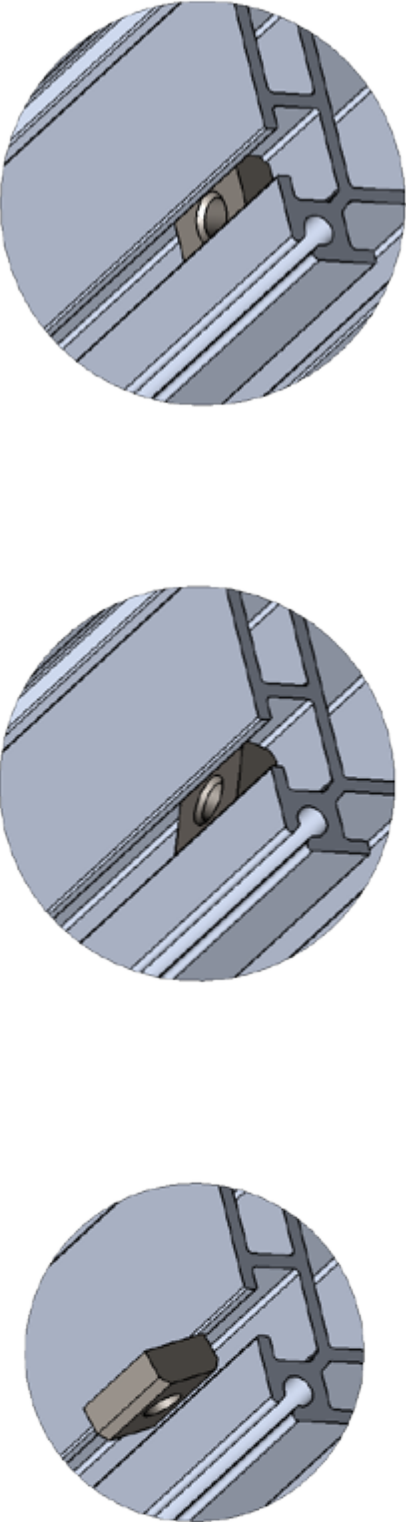
Compatible



Serialized &
Traceable



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

3" Extrusion Blind Connector Assembly

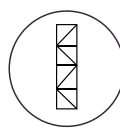


MT-HW-BC-03-03-AS

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



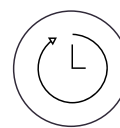
In Stock



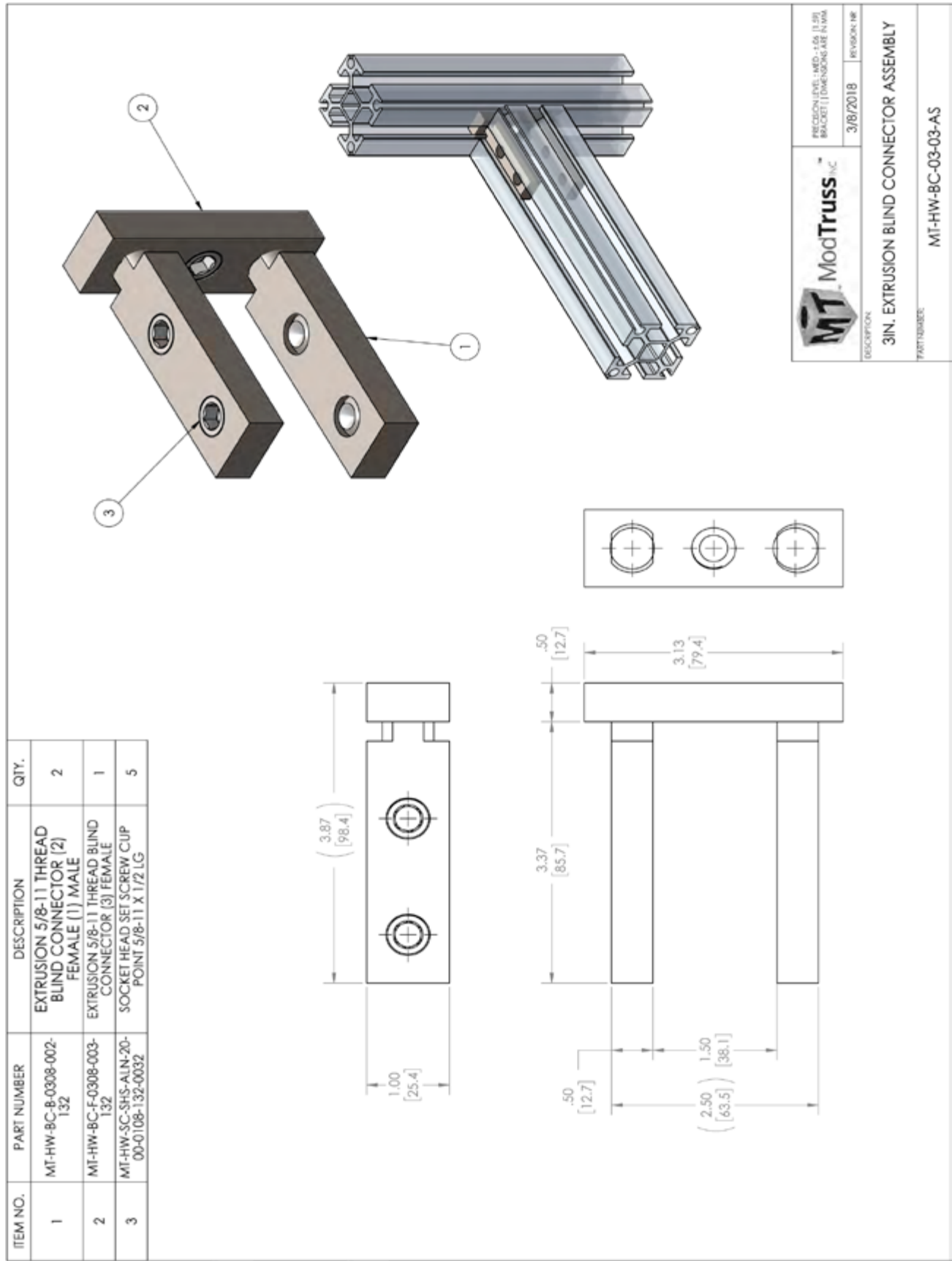
Compatible



Serialized &
Traceable



Made To
Order



TOOLS

TOOLS

TR

EX

PL

JH

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HG

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RG

AC

HW

TK

MH

FT

GL

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



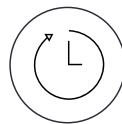
In Stock



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")

TR

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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")

TOOLS	
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MATERIAL HANDLING

MATERIAL HANDLING

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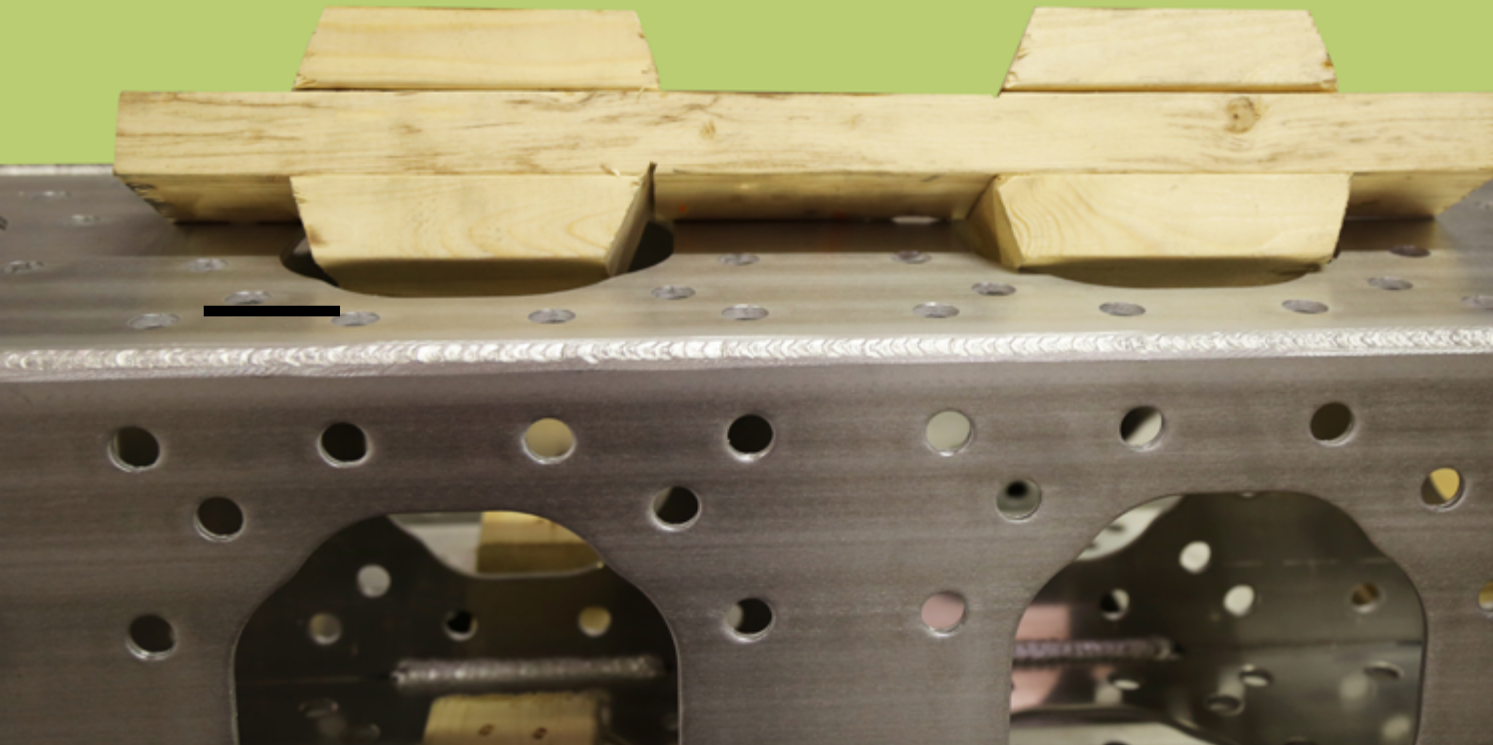
HW

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Truss Dolly (12" Truss Series)

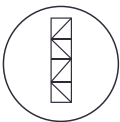


MT-MH-TD-24-24-12

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



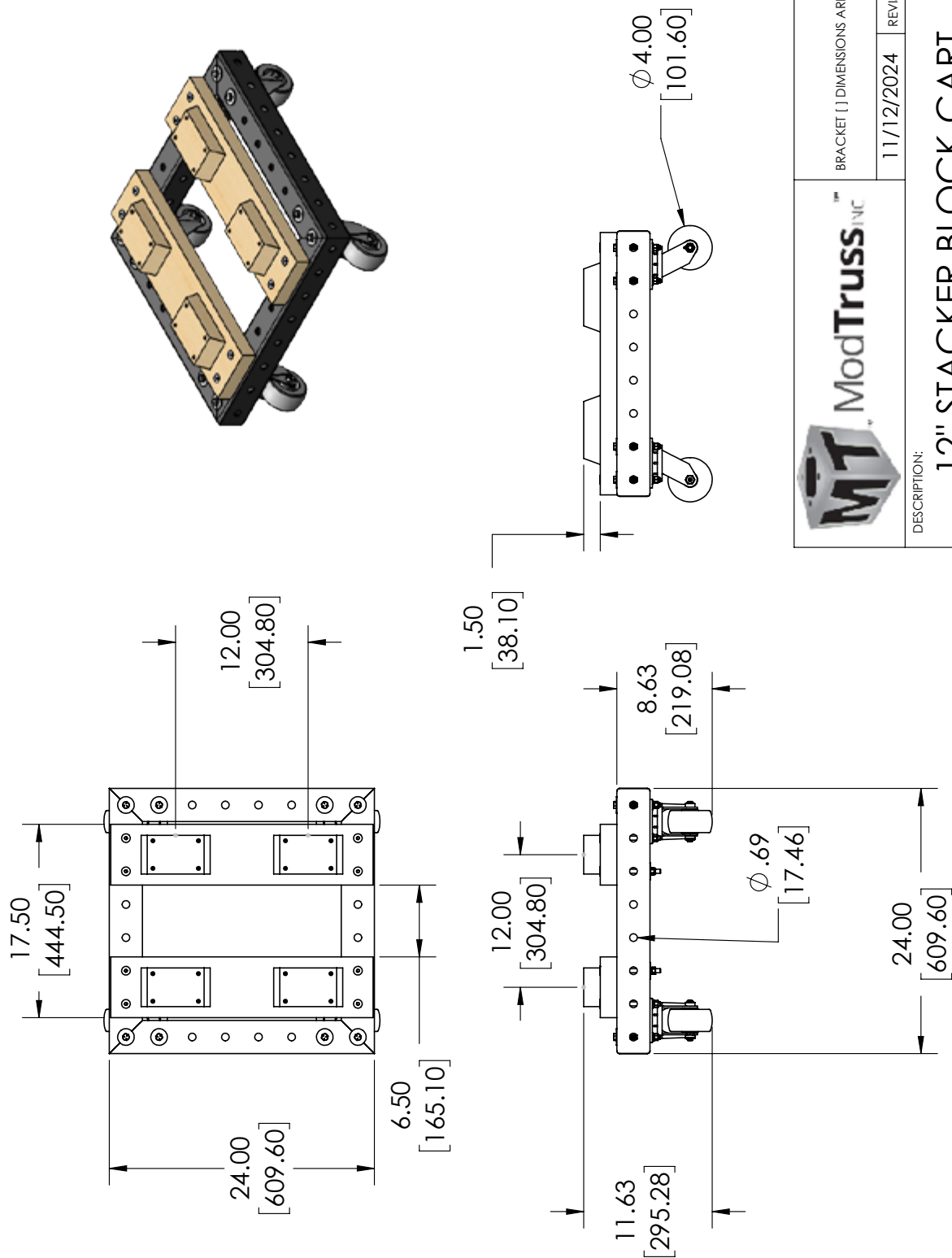
Compatible



Serialized &
Traceable



Made To
Order



BRACKET [] DIMENSIONS ARE IN MM

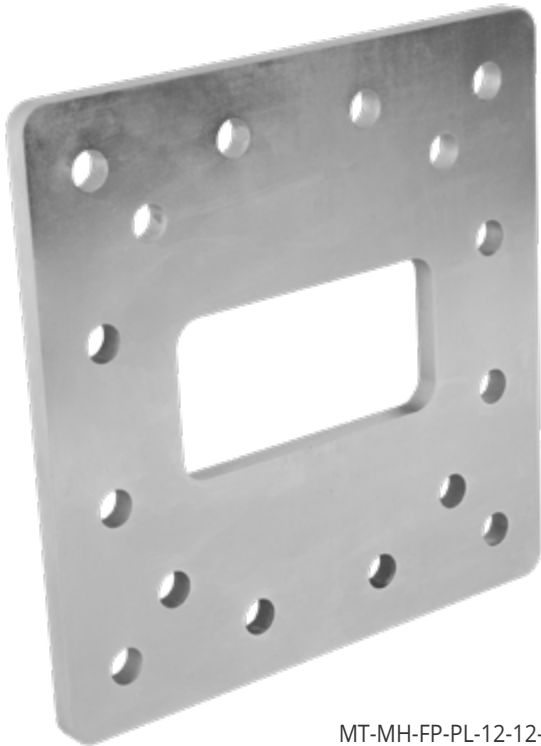
11/12/2024 REVISION: A

DESCRIPTION:
12" STACKER BLOCK CART

PART NUMBER:
MT-MH-TD-24-24-12

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

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



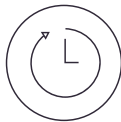
In Stock



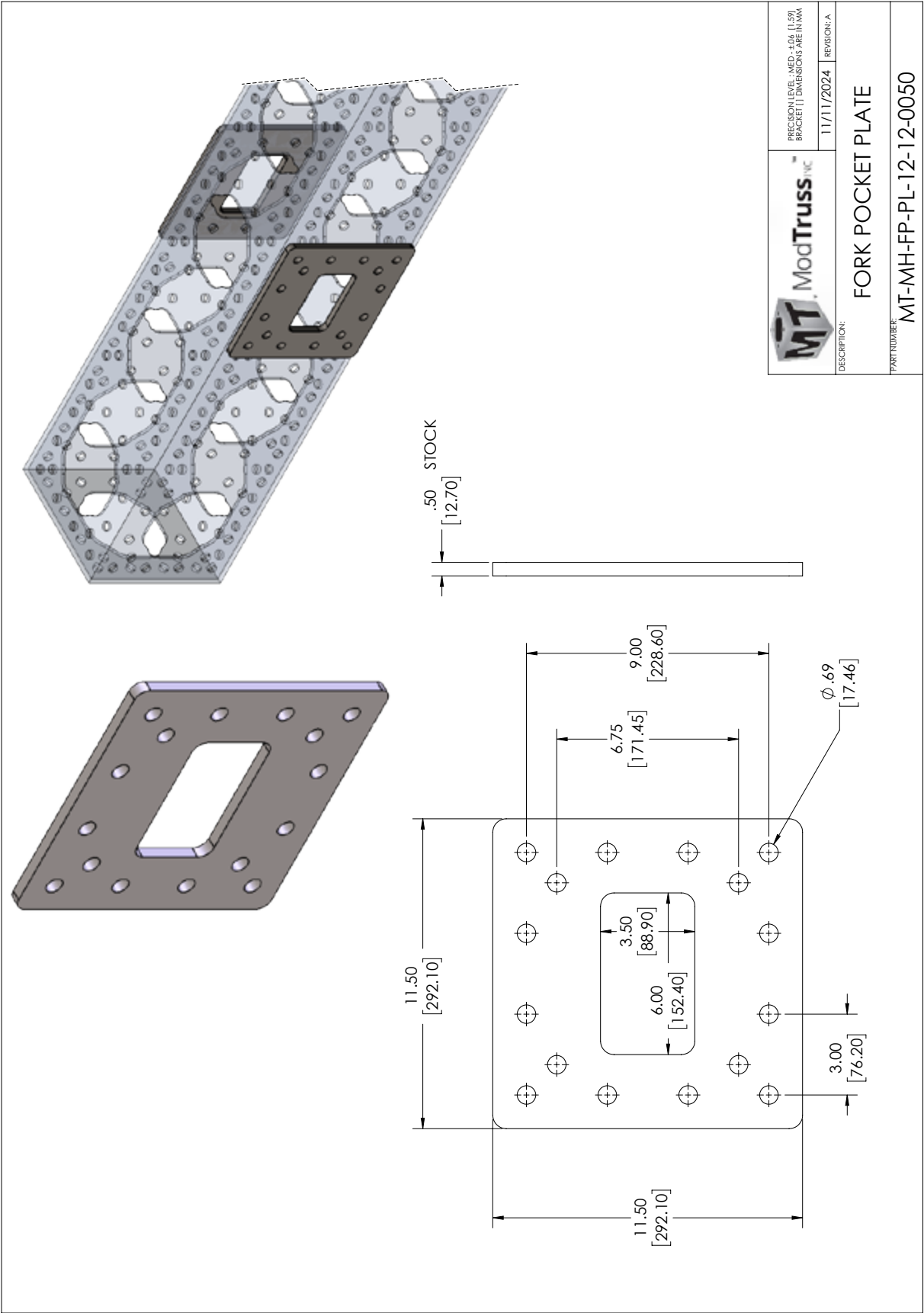
Compatible



Serialized &
Traceable



Made To
Order



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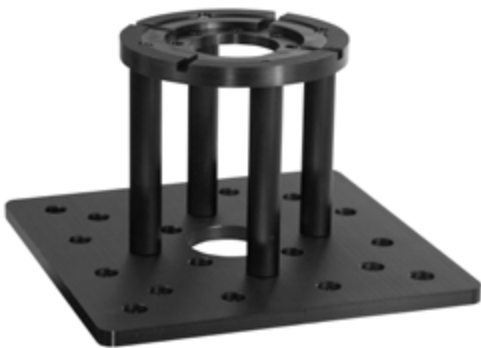
GL

FILM TOOLS

Mitchell Mount



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

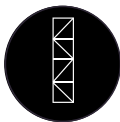


MT-AS-FG-MM-07-0275-UN_03

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 ModTruss Connection Guide
Recommended Tools	Tool Kit 1



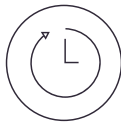
In Stock



Compatible

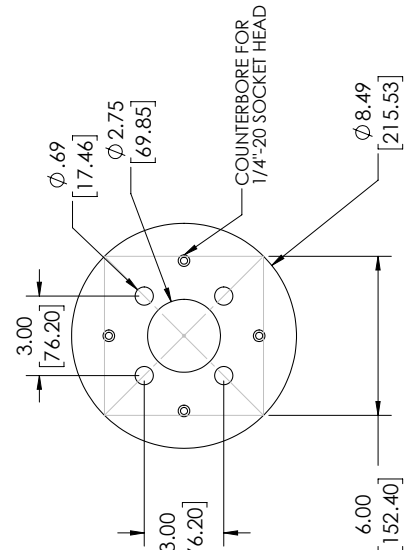


Serialized &
Traceable

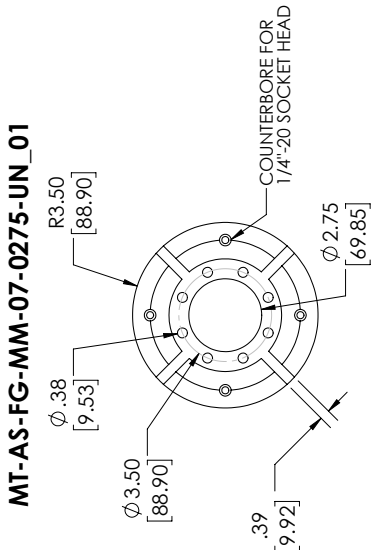


Made To
Order

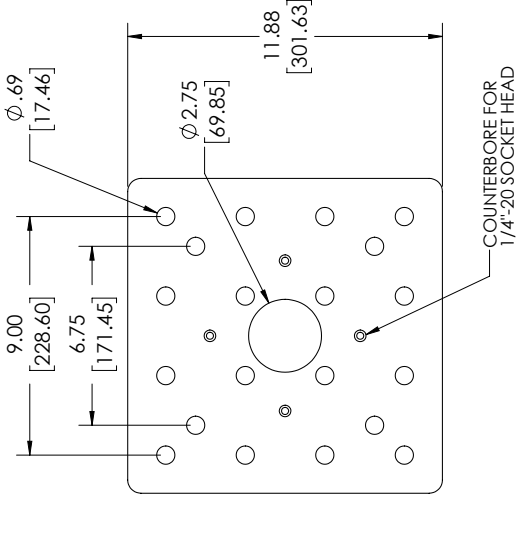
PART NUMBER	DESCRIPTION	QTY.
MT-FG-MM-07-0275-UN_01	MITCHELL MOUNT PLATE	1
MT-FG-MM-07-0275-UN_04	ALUMINUM STANDOFF	4
MT-AS-FG-MM-07-0275-UN_03	12" TRUSS MOUNTING PLATE	1
MT-AS-FG-MM-07-0275-UN_02	6" TRUSS MOUNTING PLATE	1
1/4"-20 X 1.5" FULLY THREADED SOCKET HEAD CAP SCREW	STAINLESS STEEL SOCKET HEAD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



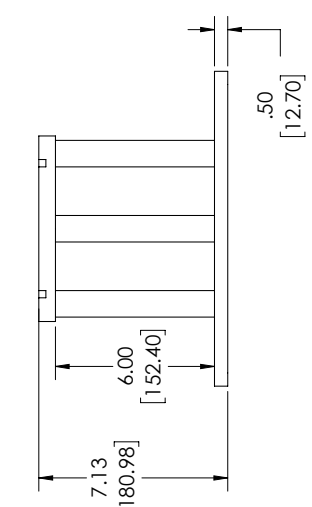
MT-AS-FG-MM-07-0275-UN_02



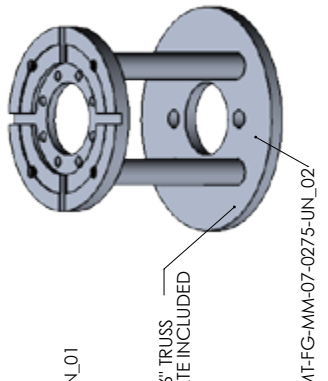
MT-AS-FG-MM-07-0275-UN_01



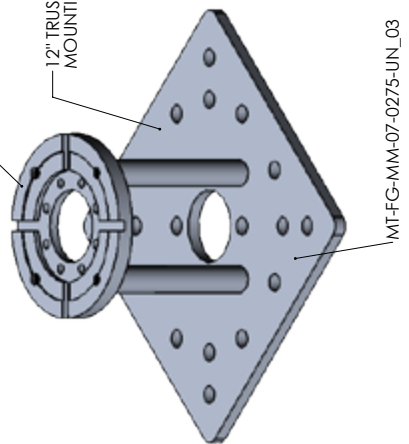
MT-AS-FG-MM-07-0275-UN_03



MT-FG-MM-07-0275-UN_01



MT-FG-MM-07-0275-UN_02



MT-FG-MM-07-0275-UN_03



PRECISION LEVEL: MED-±0.04 [1.93]
BRACKET (DIMENSIONS ARE IN MM)

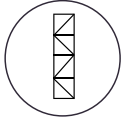
7/22/2024

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

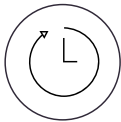
The presence of this icon indicates that Mod**Truss** considers it a traceable item. This is to include documentation of manufacturing process, material traceability, coating process and unique serialization.

*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.

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

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FT

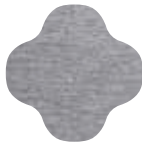
GL

AVAILABLE FINISHES

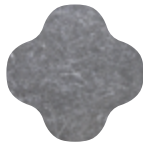
Non-coated



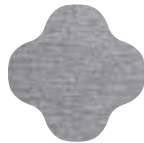
01 - Brush Finish
Outside Only.
Aluminum Products
Only



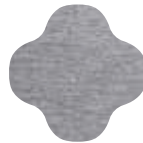
02 - No Finish
Mill Scale.
Bare Metal



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



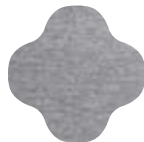
20 - Semi-Gloss
Black



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

TR

EX

PL

JH

PA

HG

MO

RG

AC

HW

TK

MH

FT

GL

Anodized



50 - Anodized
Clear



51 - Anodized Black



60 - E-Coat Black

E-Coat

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



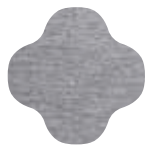
84 - Spray Gloss
Yellow



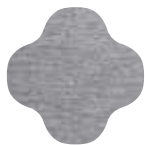
85 - Spray Gloss
Red



86 - Spray Gloss
Blue



95 - Enamel Satin
Black



96 - Enamel Gloss
Yellow

TR

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HG

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RG

AC

HW

TK

MH

FT

GL

POLICIES | PRODUCT GUARANTEE

Mod**Truss** 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 Mod**Truss** guidelines for use.

Mod**Truss** 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.

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

Mod**Truss** 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	• Cracked welds • Missing welds • Separated welds	• Any cracked weld • Any separated weld • Any missing welds
2	Holes/Clover	• Enlarged holes • Deformed holes • Cracks around holes • Cracks	• 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	Mod Truss General	• Bowing • Twisting • Warping	• 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	Mod Truss Side & End Plates	• Gouges • Deformation • Damage	• 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.

Enviromental 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 were 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.

TR

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TK

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FT

GL

PHOTO CREDITS

We would like to sincerely thank all of the great Mod**Truss** 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
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Maryland Productions	www.marylandproductions.com
Modcon AB	www.mod-con.se
Mod_Division	www.moddivision.io
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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



USA

📍 7741 Commercial Lane
Allenton, WI 53002

☎ +1.844.663.8787

✉ info@ModTruss.com

🕒 MON-FRI 8:00 a.m. - 5:00 p.m. CT

EUROPE

📍 Ryssviksvagen 2
131 36 Nacka
Stockholm, Sweden

☎ +46 705209909

✉ infoeu@ModTruss.com

🕒 MON-FRI 8:00 a.m - 6:00 p.m CET



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