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1.0 GENERAL NOTES

1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]

1.2 FOR PATENT INFO: <https://www.adwpat.com>

2.0 DESIGN NOTES

3.0 MANUFACTURING/SPECIAL REQUIREMENTS

3.1 TIGHTEN ALL U-BOLTS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF U-BOLT.

3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.

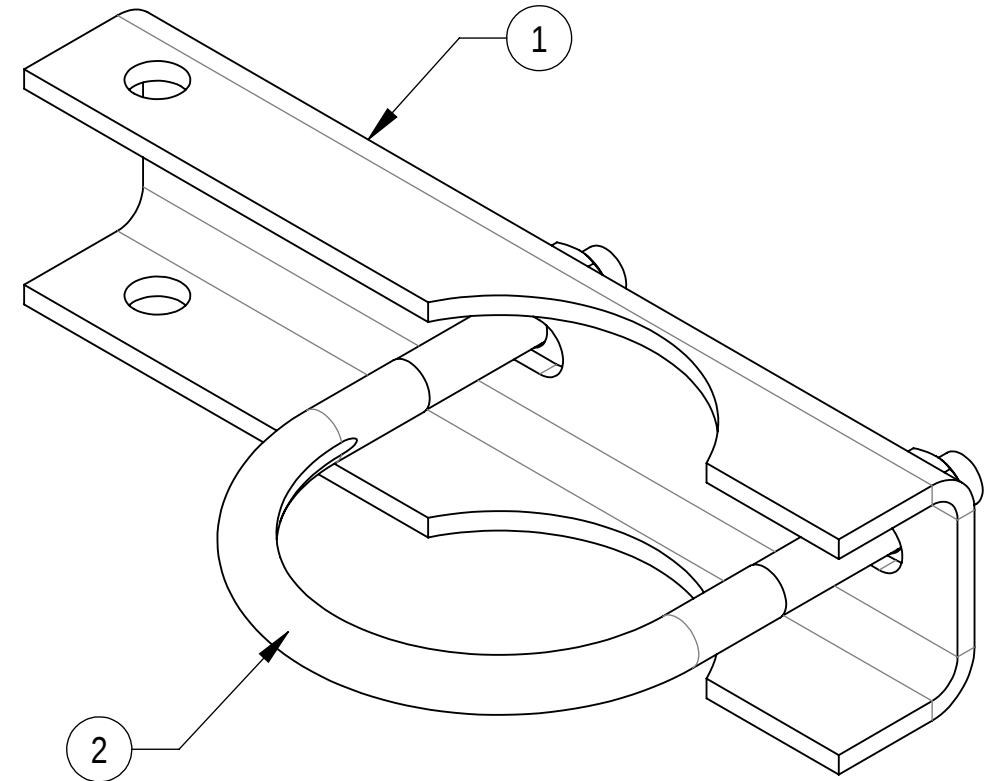
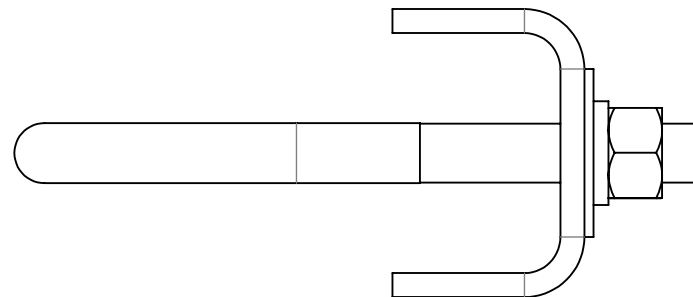
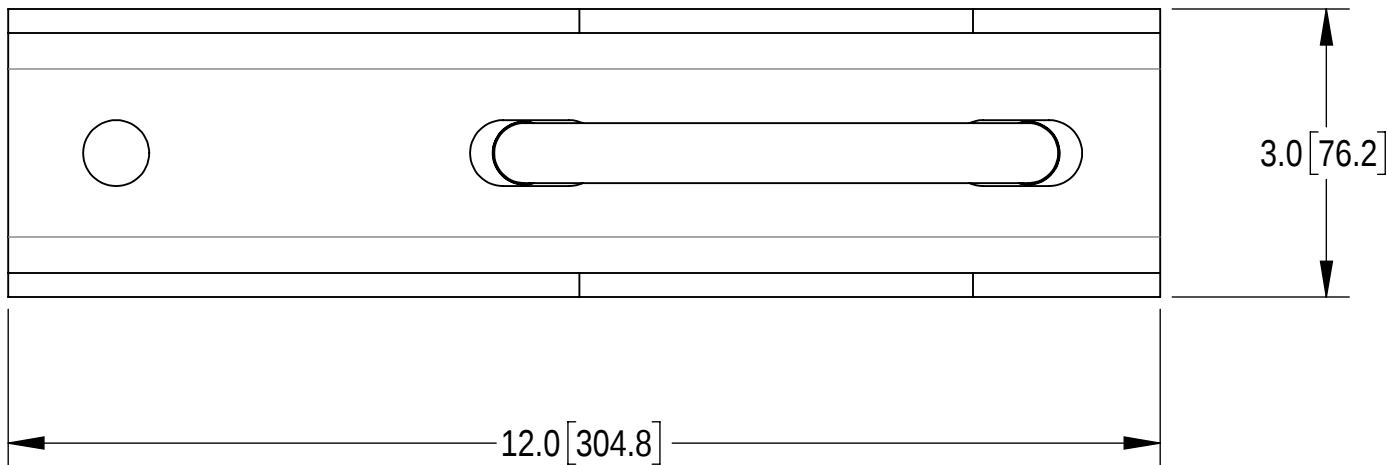
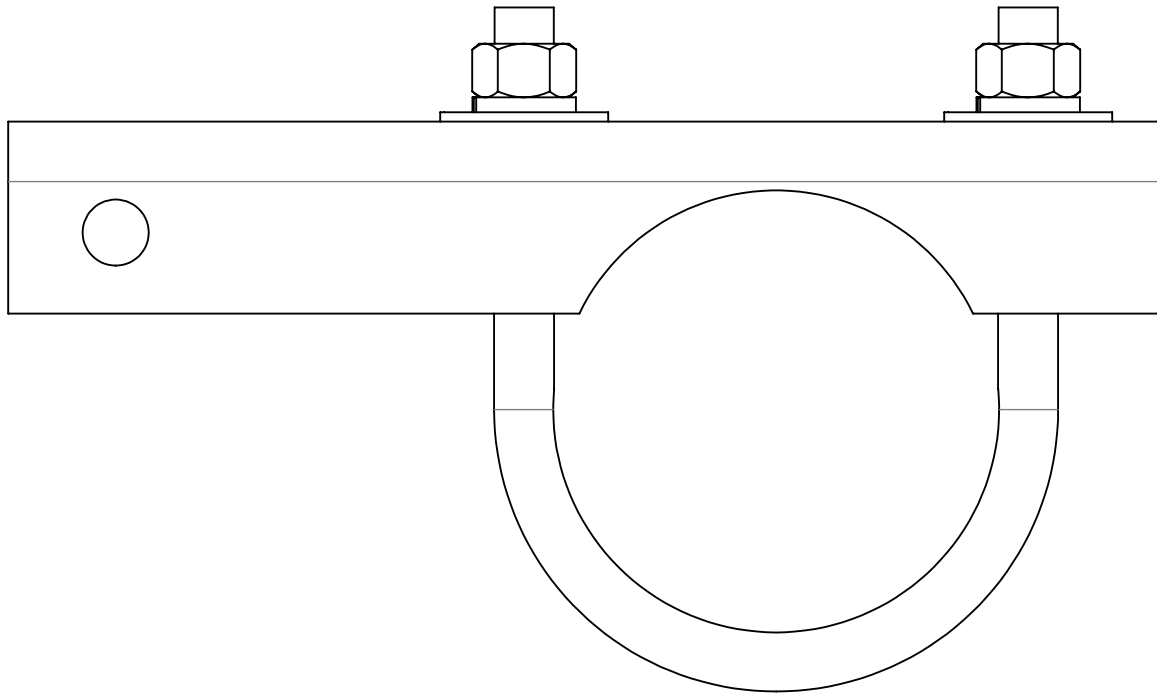
4.0 TEST

5.0 PACKAGING

5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005

5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER

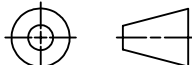
5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	MSM 24AUG11	TP
B	GUB-5456 WAS GUB-5458	NSUN 15JAN26	BA1025 50106613AMO

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	TFMSS45	STIFFARM STRUT SUPPORT 4.5"OD	1	4.40 LBS	
2	GUB-5456	5/8" X 4-5/8" X 6 1/2" GALV U-BOLT	1	1.43 LBS	

DENSITY		lbs/in ³
MASS	6.17	lbs
VOLUME	21.83	in ³
SURFACE AREA	192.18	in ²
HEIGHT	3.0"	
LENGTH	12.0"	
WIDTH	7.1"	

ANDREW® an Amphenol company																														
TOLERANCES						SAP MATERIAL MASTER																								
1 PLACE .X[X] ± 0.12[3.0]		3 PLACE .XXX[X] ± 0.030[0.8]				TF-MSS-BK45																								
2 PLACE .XX[X] ± 0.06[1.5]		ANGLES ± 2°																												
FINISH					MATERIAL																									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994 <table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>CE</td><td>MSM</td><td>24AUG11</td></tr><tr><td>RW</td><td>NSUN</td><td>01/15/2026</td></tr><tr><td></td><td></td><td></td></tr><tr><td>AD</td><td>YMENG</td><td>01/21/2026</td></tr><tr><td>RE</td><td>YMENG</td><td>02/04/2026</td></tr><tr><td colspan="3">ECN 50106613AMO</td></tr></table> STIFFARM ATTACHMENT BRKT, 4-1/2" OD PIPE SCALE 1:2 DOCUMENT NO. TF-MSS-BK45											NAME	DATE	CE	MSM	24AUG11	RW	NSUN	01/15/2026				AD	YMENG	01/21/2026	RE	YMENG	02/04/2026	ECN 50106613AMO		
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