

CATALOG CODE RT-100-XX-XX


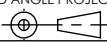
<u>TORQUE IN-LBS</u>
08
12
16
20

<u>SHAFT END TYPE</u>
01 -FLAG
02 -STRAIGHT
03 -KNURLED SHAFT END
04 -DUAL FLAG
05 -DUAL STRAIGHT
06 -DUAL KNURLED SHAFT END

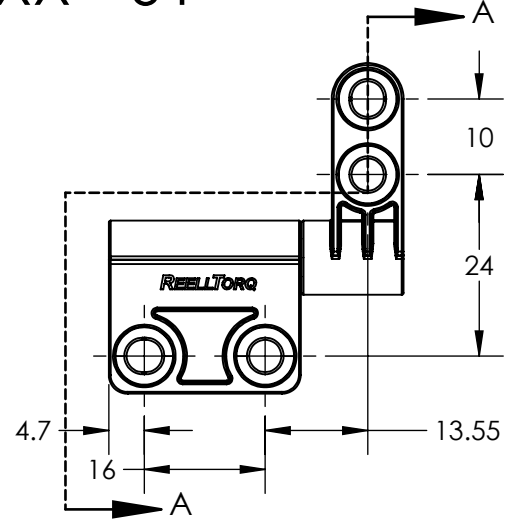
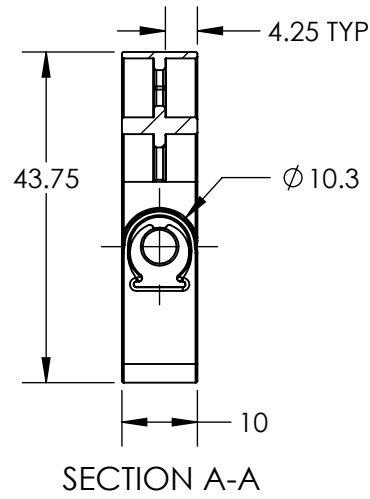
NOTES:

1. APPLICATION CONDITIONS REFERENCE (USER MUST DETERMINE FITNESS FOR USE IN APPLICATION).
2. ENVIRONMENT CONDITIONS: -20°C TO +80°C. UP TO 10% OF LIFE CYCLE AT HOT AND COLD CONDITIONS.
3. LIFE: 50,000 CYCLES. ONE CYCLE CONSISTS OF 90° CW AND 90° CCW
- [4] HINGE DESIGNED TO SUPPORT A MINIMAL AXIAL FORCE IN DIRECTION SHOWN, NOT DESIGNED TO SUPPORT AXIAL FORCE IN THE OPPOSITE DIRECTION
5. MATERIAL:
BRACKET AND SHAFT END: DIE CAST ZINC AND STEEL
SHAFT AND TORQUE ELEMENT: HARDENED STEEL
MINERAL OIL BASED LUBRICANT
6. FINISH:
NON-COSMETIC PLAIN.
CLEAR CHROMATE RUST PREVENTATIVE COATING ON THE STRAIGHT SHAFT.
7. SHIP ANGLE 0° ± 5° BETWEEN HOUSINGS.
8. TOLERANCE UNLESS SPECIFIED IS ±0.15.
9. SEE PAGE 8 FOR RECOMMENDED MATING HOLE GOMETRY FOR KNURLED SHAFT END.
- [10] DESIGNED TO ACCEPT M4 OR #8 FASTENER.

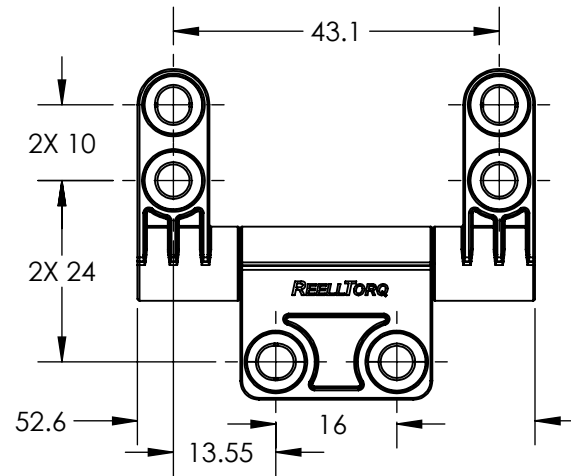
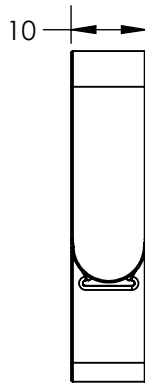
SPECIFICATION SUBJECT TO CHANGE


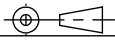
	ECO NO: 03933	PART LIFECYCLE: RELEASED			
	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION			
	APPROVED DATE: 28JUN21	DESCRIPTION: SALES DRAWING			
	PROJECT NO: 101299				
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: RT-100			
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: MICHAEL BEALE			REV: J	
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	DIMENSIONS: mm	SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 7

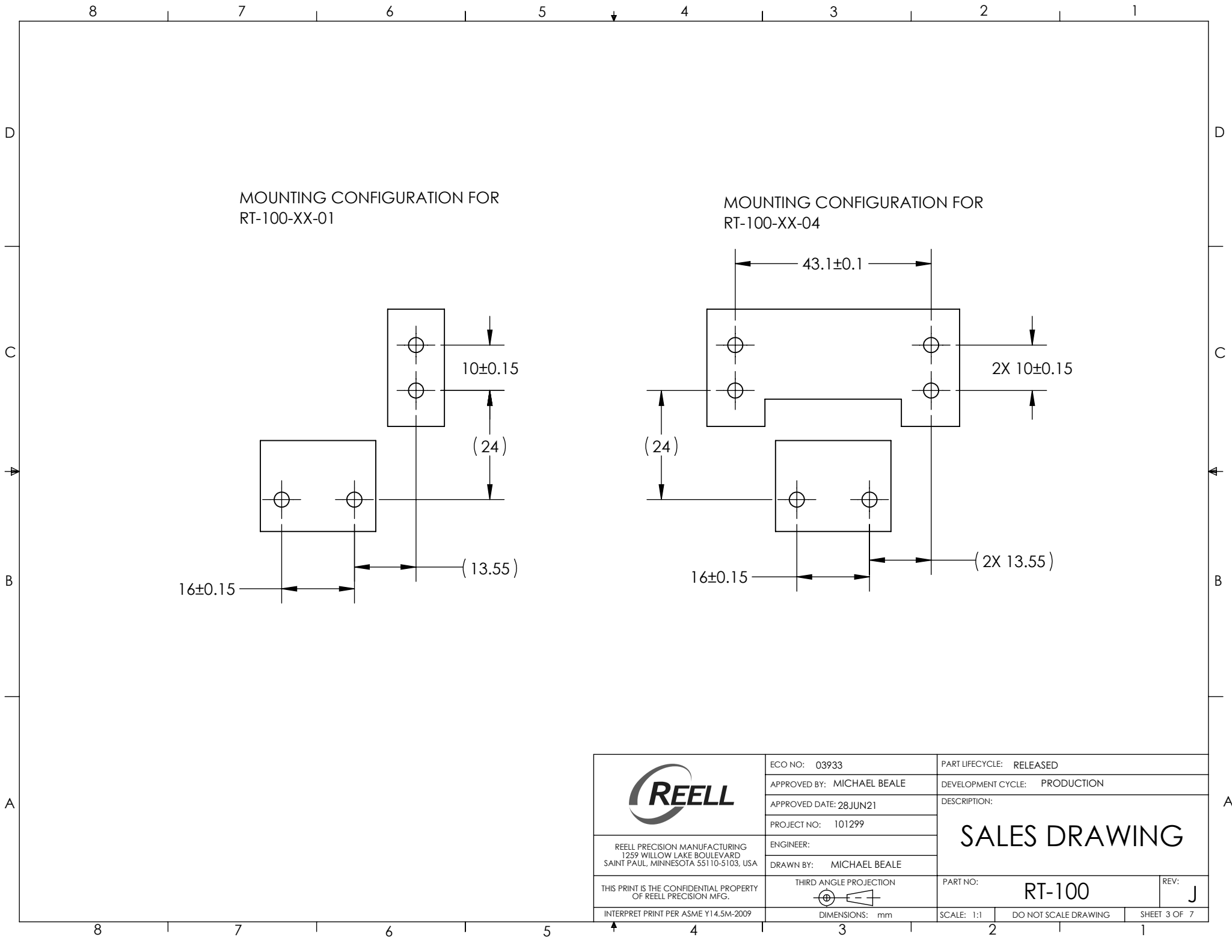
RT - 100 - XX - 01



RT - 100 - XX - 04



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	PROJECT NO: 101299	SALES DRAWING	
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PART LIFECYCLE: RELEASED
 DEVELOPMENT CYCLE: PRODUCTION
 DESCRIPTION:

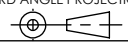
SALES DRAWING

REELL PRECISION MANUFACTURING
 1259 WILLOW LAKE BOULEVARD
 SAINT PAUL, MINNESOTA 55110-5103, USA

ENGINEER:
 DRAWN BY: MICHAEL BEALE

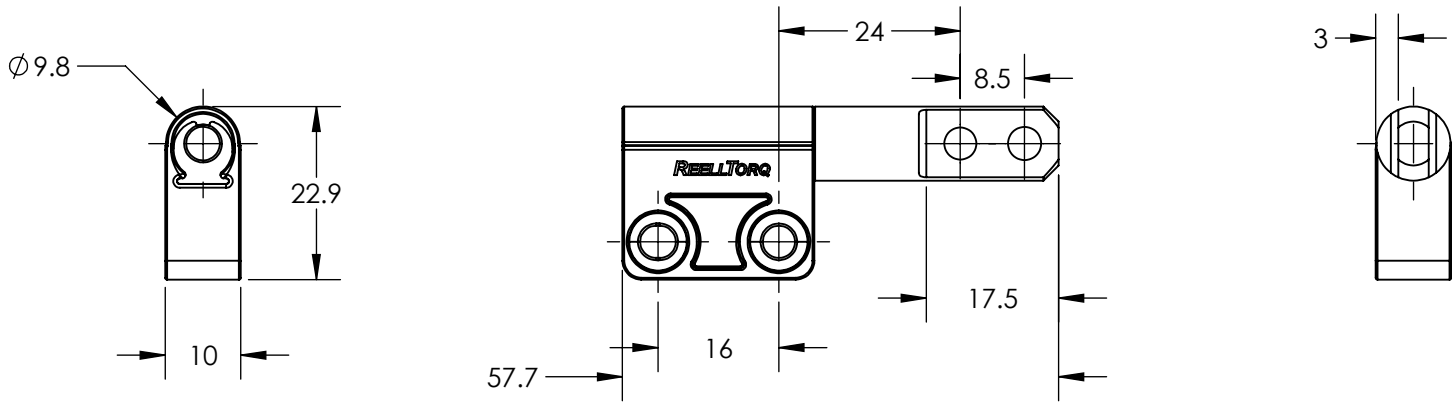
PART NO: **RT-100** REV: **J**

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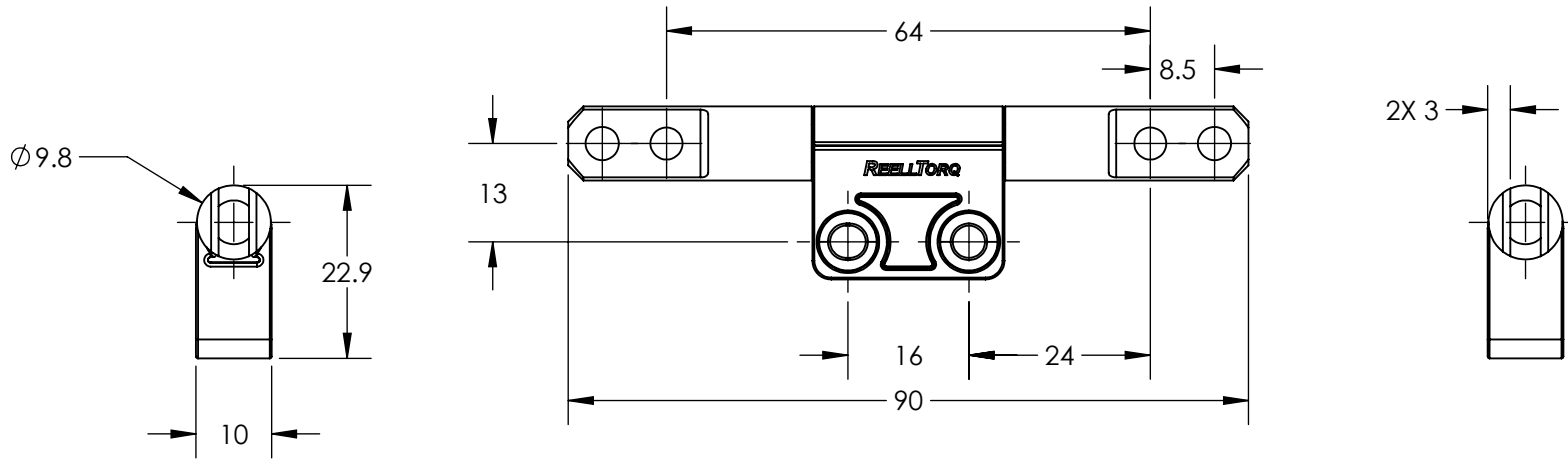
THIRD ANGLE PROJECTION

 DIMENSIONS: mm


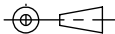
SCALE: 1:1 DO NOT SCALE DRAWING SHEET 3 OF 7

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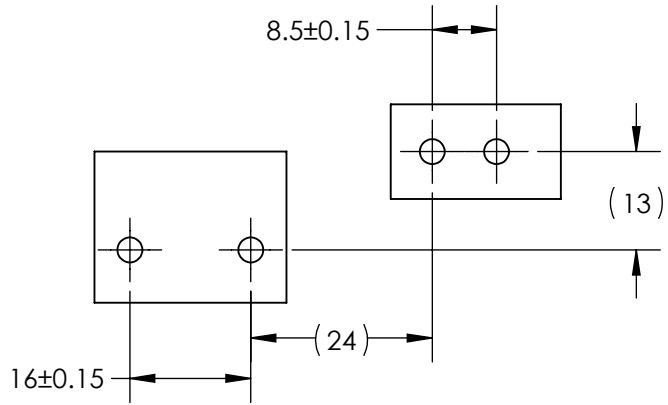


RT - 100 - XX - 05

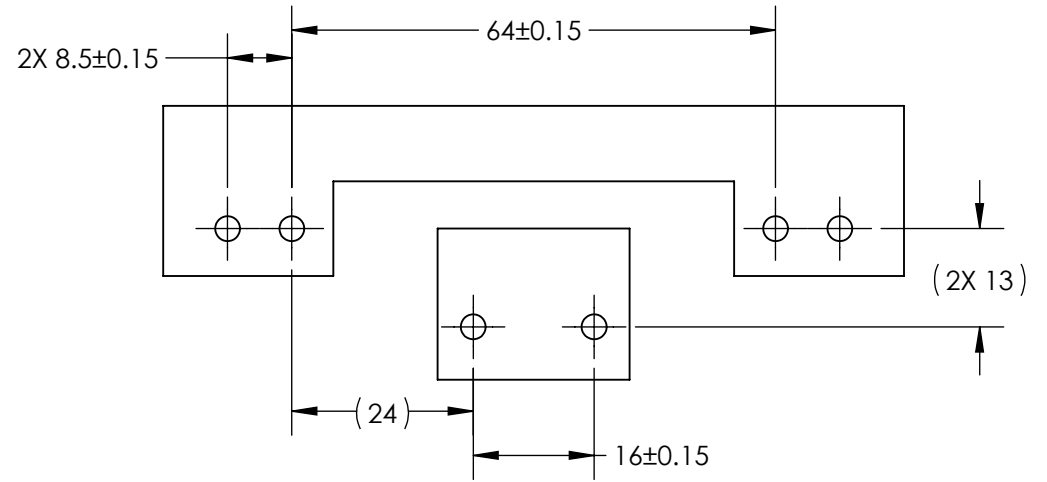



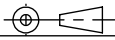
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	APPROVED DATE: 28 JUN 21	DESCRIPTION:
	PROJECT NO: 101299	SALES DRAWING
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	DIMENSIONS: mm	DO NOT SCALE DRAWING
		SHEET 4 OF 7

MOUNTING CONFIGURATION FOR
RT-100-XX-02

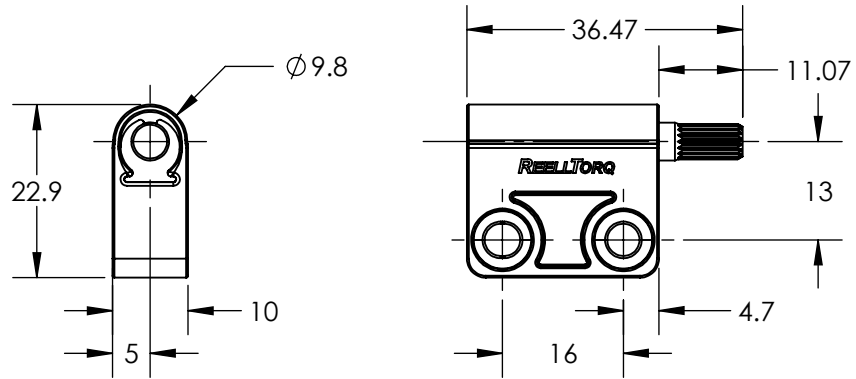


MOUNTING CONFIGURATION FOR
RT-100-XX-05

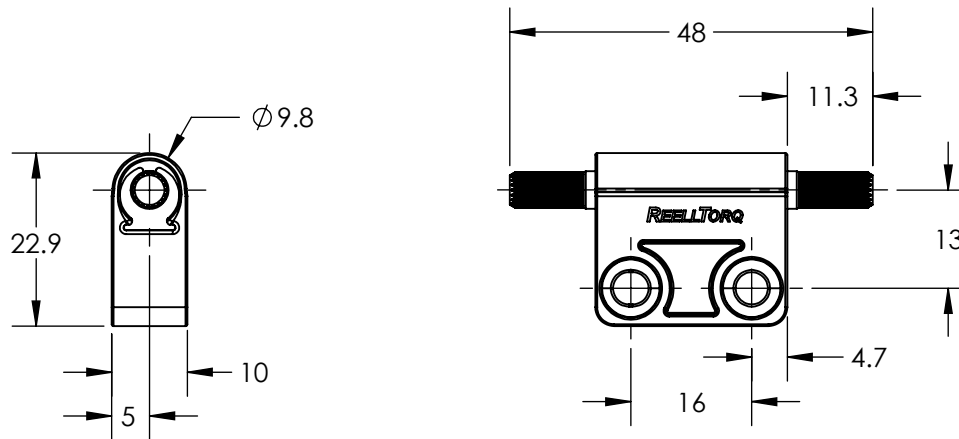



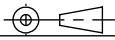
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RT - 100 - XX - 03

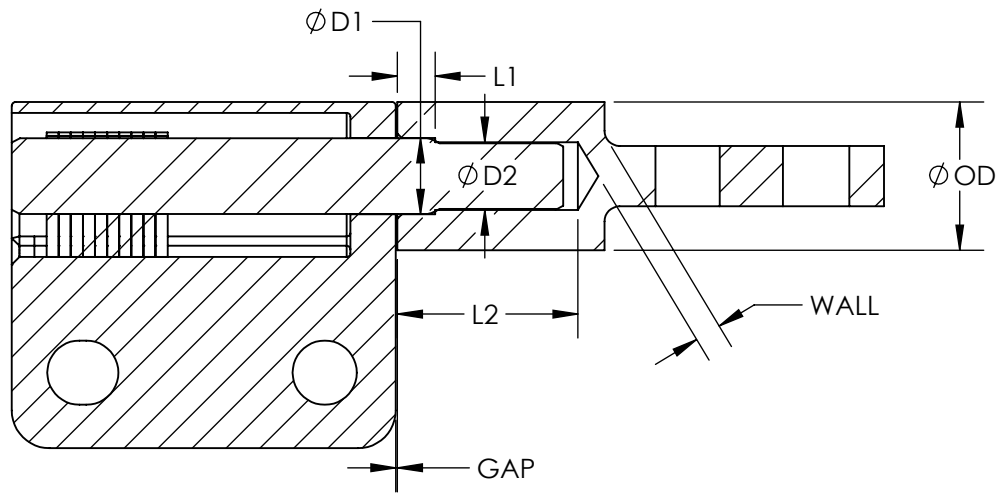



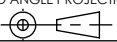
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RT-100							
MATERIAL	D1	D2	L1	L2	OD	WALL	GAP
DIE CAST ZINC	4.93+/-0.03	4.5+/-0.03	2.5+/-0.15	11.5 MIN	8 MIN	1 MIN	0.1 NOMINAL
DIE CAST ALUMINUM	4.93+/-0.03	4.5+/-0.03	2.5+/-0.15	11.5 MIN	8 MIN	1 MIN	0.1 NOMINAL
MILD STEEL	5.05+/-0.05	4.495+/-0.015	2.5+/-0.15	11.5 MIN	8 MIN	1 MIN	0.1 NOMINAL
WROUGHT ALUMINUM	5.05+/-0.05	4.495+/-0.015	2.5+/-0.15	11.5 MIN	8 MIN	1 MIN	0.1 NOMINAL



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	THIRD ANGLE PROJECTION 	SCALE: 2:1
	DIMENSIONS: mm	DO NOT SCALE DRAWING
		SHEET 7 OF 7