

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

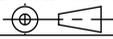
DYNAMIC TORQUE	
NOMINAL TORQUE (IN-LBS)	TOLERANCE
08	±20%
12	±20%
16	±20%
20	±20%

PRODUCT TORQUE SPECIFICATION AT +20°C.

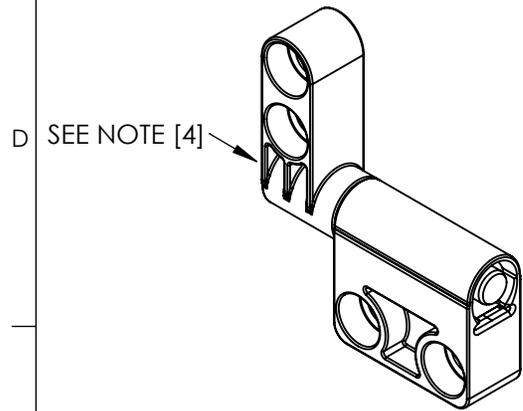
NOTES:

1. 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 AT 10% DUTY CYCLE FOR SPEEDS LESS THAN 100RPM.
- [4] HINGE DESIGNED TO SUPPORT A MINIMAL AXIAL FORCE IN DIRECTION SHOWN, NOT DESIGNED TO SUPPORT AXIAL FORCE IN THE OPPOSITE DIRECTION
5. MATERIAL:
ZINC DIE CAST HOUSINGS & FLAG SHAFT ENDS
HARDENED STEEL SHAFT
HARDENED STEEL TORQUE CLIPS
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. DESIGNED TO ACCEPT M4 OR #8 FASTENER.

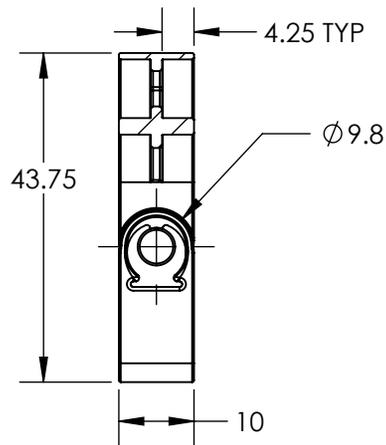
SPECIFICATION SUBJECT TO CHANGE

	ECO NO: 04436	PART LIFECYCLE: RELEASED	
	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION	
	APPROVED DATE: 30NOV21	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: K	
	THIRD ANGLE PROJECTION 	DIMENSIONS: mm	SCALE: 2:1 DO NOT SCALE DRAWING
INTERPRET PRINT PER ASME Y14.5M-2009			SHEET 1 OF 7

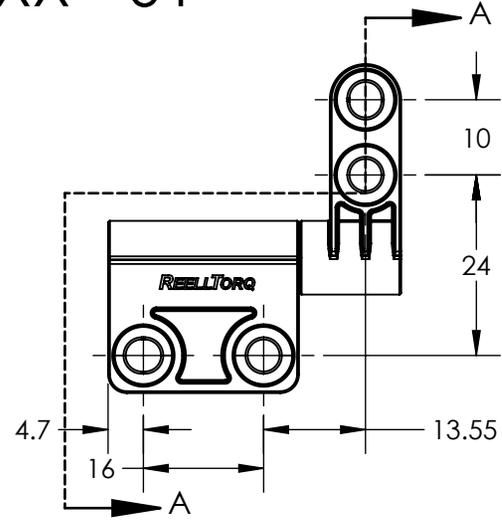
RT - 100 - XX - 01



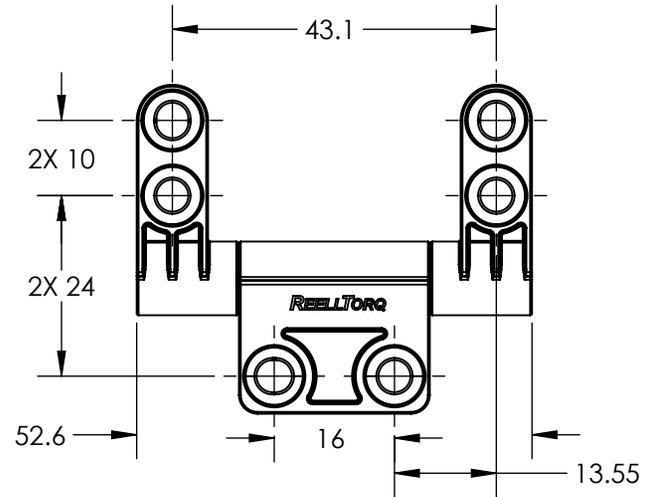
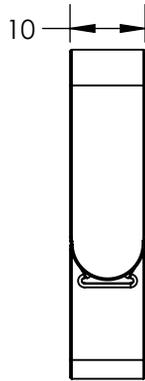
SEE NOTE [4]

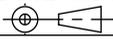


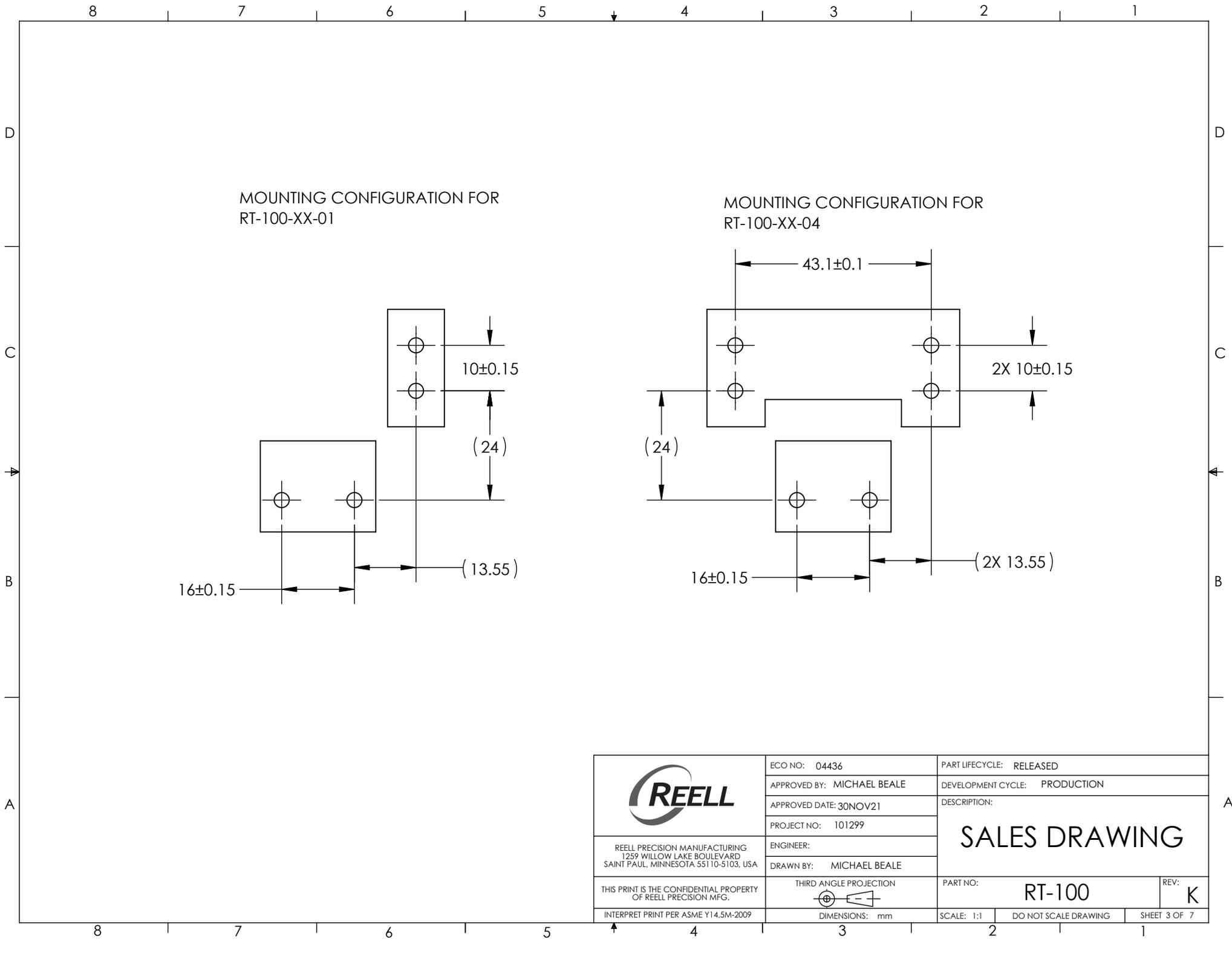
SECTION A-A



RT - 100 - XX - 04

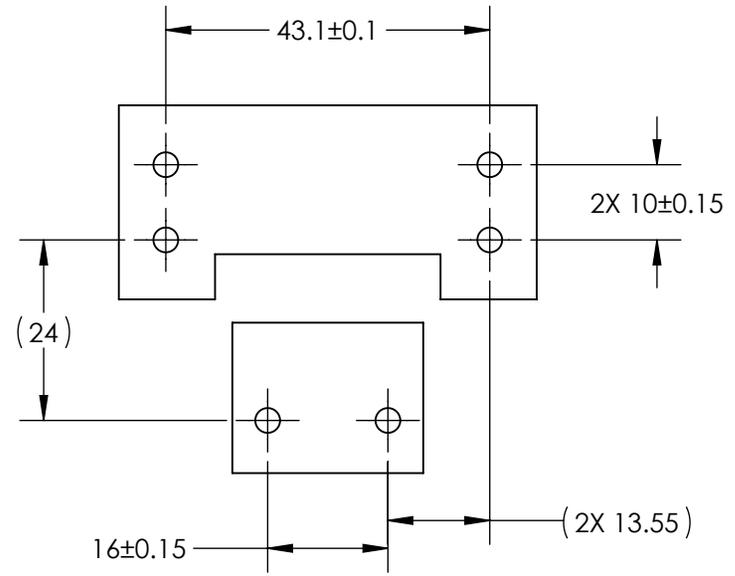
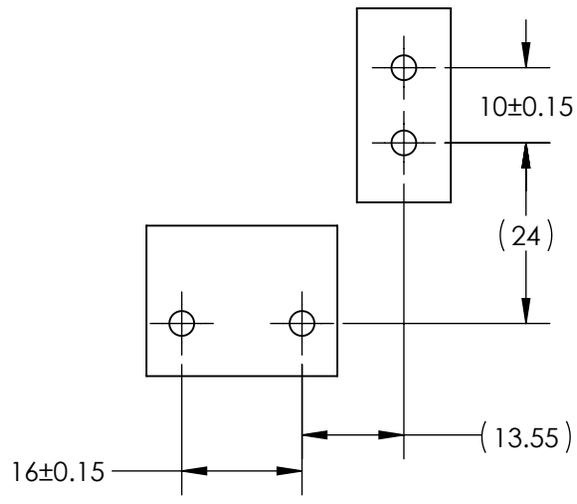


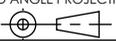
	ECO NO: 04436	PART LIFECYCLE: RELEASED	
	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION	
	APPROVED DATE: 30NOV21	DESCRIPTION:	
	PROJECT NO: 101299	<h2>SALES DRAWING</h2>	
ENGINEER:			
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	DRAWN BY: MICHAEL BEALE	PART NO: RT-100	REV: K
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	THIRD ANGLE PROJECTION 	SCALE: 1:1	DO NOT SCALE DRAWING
INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SHEET 2 OF 7	



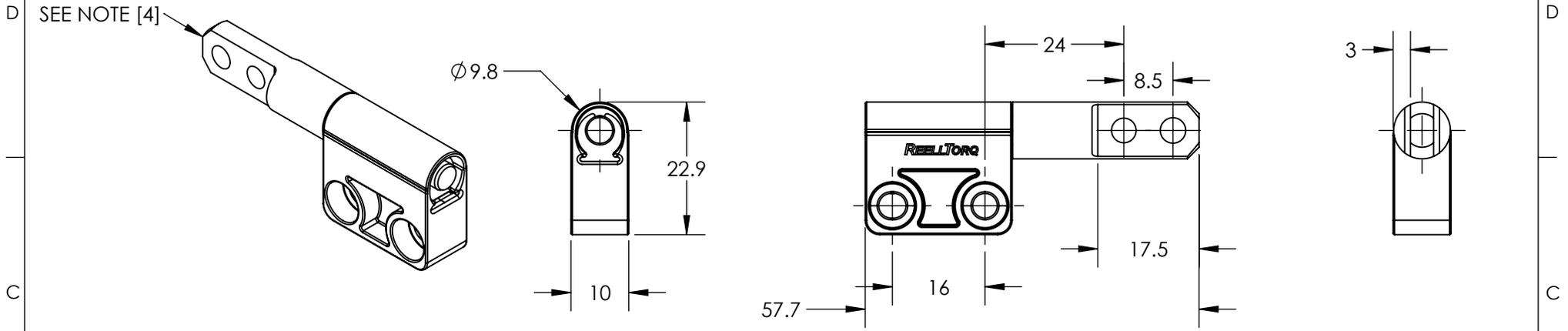
MOUNTING CONFIGURATION FOR
RT-100-XX-01

MOUNTING CONFIGURATION FOR
RT-100-XX-04

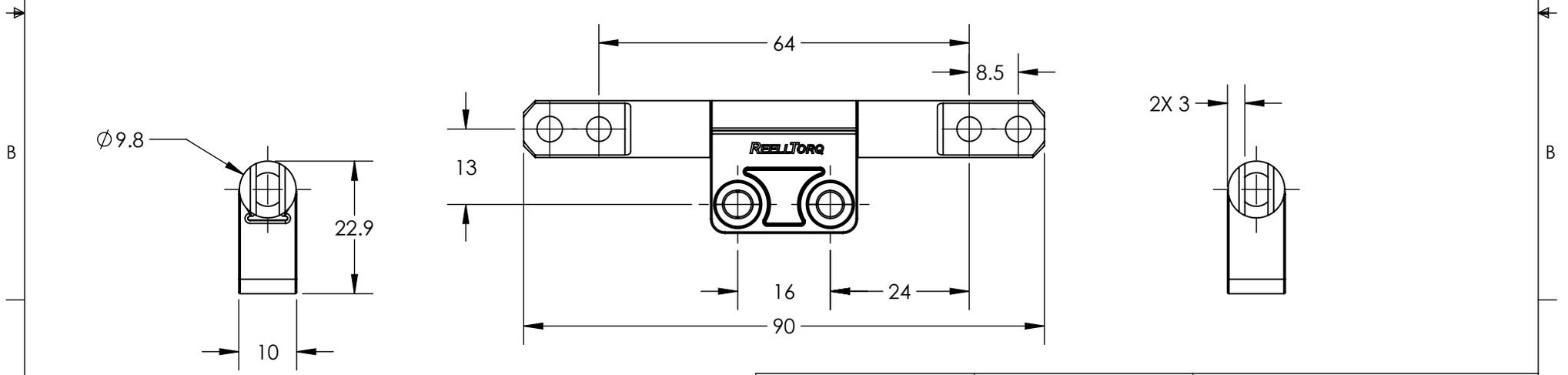


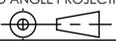
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	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION	
	APPROVED DATE: 30NOV21	<p>DESCRIPTION:</p> <h2 style="text-align: center;">SALES DRAWING</h2>	
	PROJECT NO: 101299		
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: RT-100	
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INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:1	DO NOT SCALE DRAWING
	DIMENSIONS: mm		SHEET 3 OF 7

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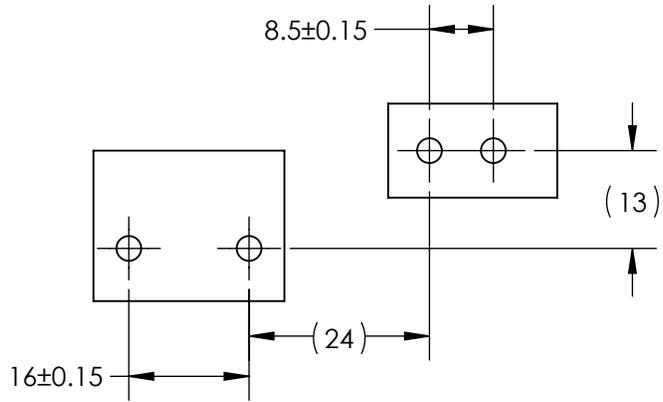


RT - 100 - XX - 05

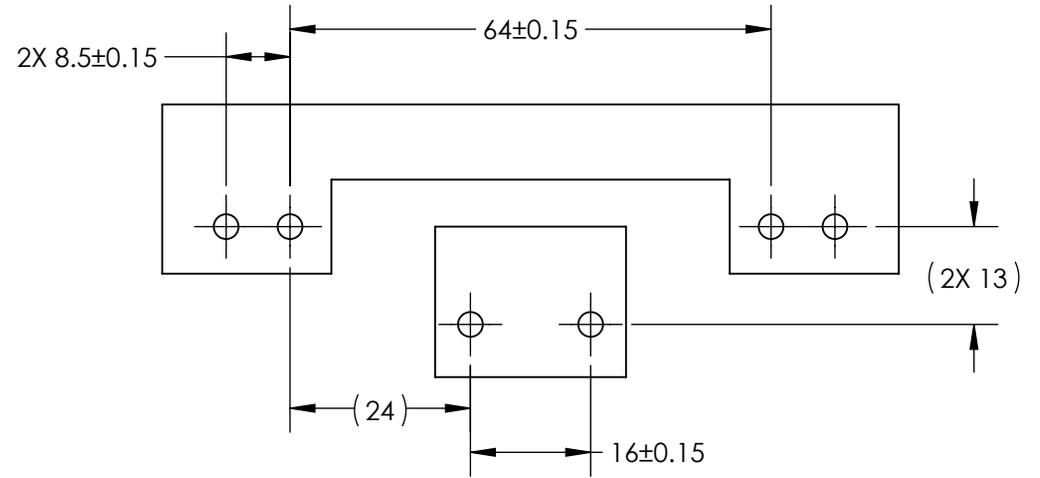


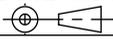
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	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION
	APPROVED DATE: 30NOV21	DESCRIPTION:
	PROJECT NO: 101299	SALES DRAWING
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: RT-100
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: MICHAEL BEALE	
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:1
	DIMENSIONS: mm	DO NOT SCALE DRAWING
		SHEET 4 OF 7

MOUNTING CONFIGURATION FOR
RT-100-XX-02



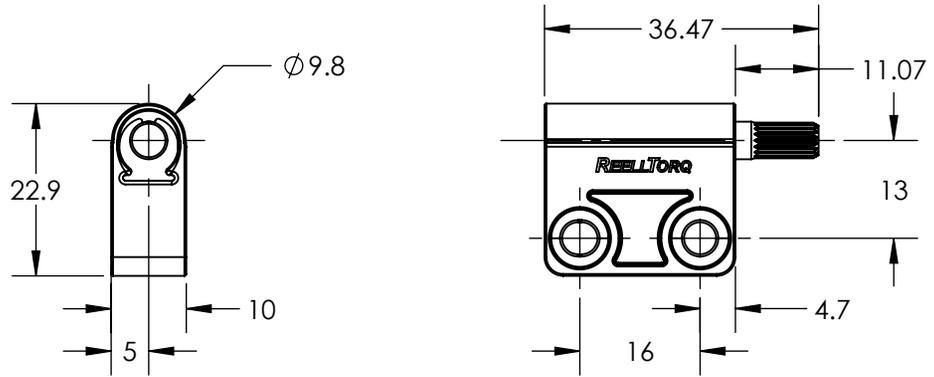
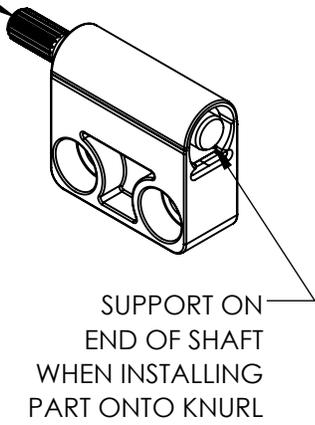
MOUNTING CONFIGURATION FOR
RT-100-XX-05



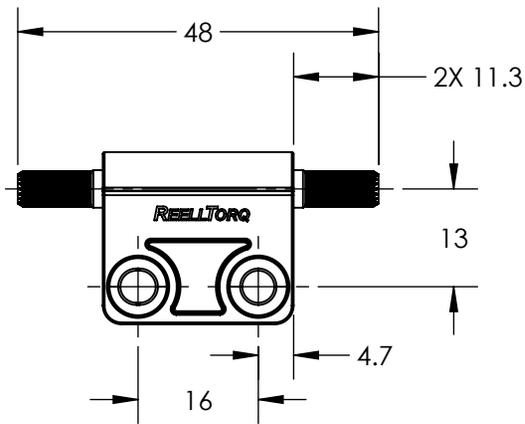
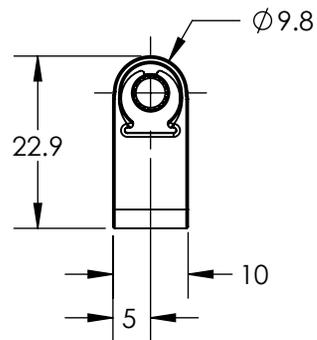
	ECO NO: 04436	PART LIFECYCLE: RELEASED		
	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION		
	APPROVED DATE: 30NOV21	DESCRIPTION: SALES DRAWING		
	PROJECT NO: 101299			
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: RT-100 REV: K		
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: MICHAEL BEALE			
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 5 OF 7

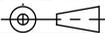
RT - 100 - XX - 03

SEE NOTE [4]

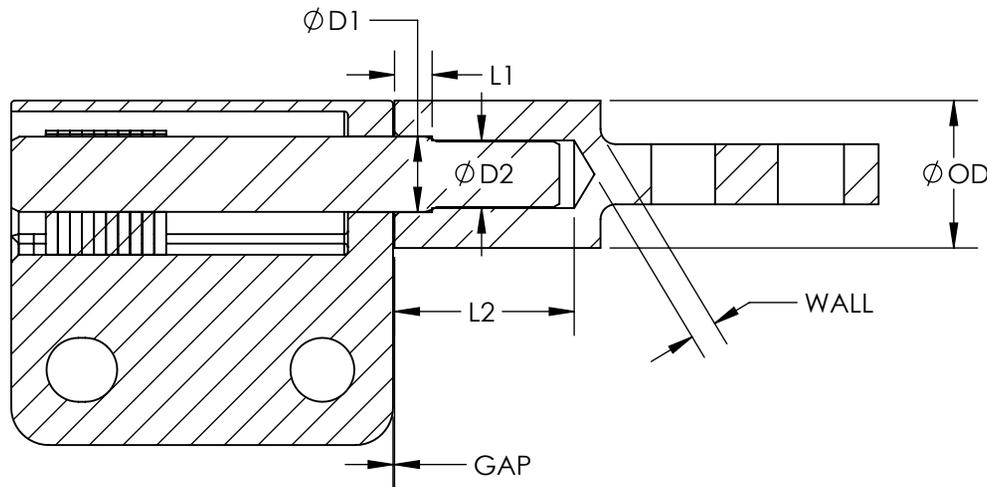


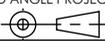
RT - 100 - XX - 06



	ECO NO: 04436	PART LIFECYCLE: RELEASED	
	APPROVED BY: MICHAEL BEALE	DEVELOPMENT CYCLE: PRODUCTION	
	APPROVED DATE: 30NOV21	DESCRIPTION:	
	PROJECT NO: 101299	SALES DRAWING	
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	RT-100	
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	DIMENSIONS: mm		SHEET 6 OF 7

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							
MILD STEEL	5.05+/-0.05	4.495+/-0.015					
WROUGHT ALUMINUM							



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	APPROVED DATE: 30NOV21	DESCRIPTION:	
	PROJECT NO: 101299	<h1>SALES DRAWING</h1>	
ENGINEER:			
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	THIRD ANGLE PROJECTION 	PART NO: RT-100	REV: K
INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SCALE: 2:1	DO NOT SCALE DRAWING