

CATALOG CODE HTI-360-X.X-XX-XX

TORQUE Nm
2.0
3.0
4.0
5.0

SHAFT-END TYPE
01 - KNURLED SHAFT

AXIAL RETENTION
01 - WITHOUT

- NOTES:
1. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
 2. ENVIRONMENTAL CONDITIONS: -20°C to 80°C.
 3. PRODUCT TORQUE SPECIFICATION: DYNAMIC TORQUE ±25% OF NOMINAL
 4. LIFE: 25,000 CYCLES. ONE CYCLE CONSISTS OF 120° CW AND 120° CCW AT 10% DUTY CYCLE FOR SPEEDS LESS THAN 100 RPM.
 5. MATERIALS: PLATED POWDERED METAL HOUSING
HARDENED STEEL TORQUE ELEMENT
MINERAL OIL BASED LUBRICANT
 6. FINISH: NON-COSMETIC.
 7. TORQUE INSERT DESIGNED FOR USE IN METAL. SEE INDIVIDUAL CONFIGURATION DRAWINGS FOR ADDITIONAL DETAIL.
 - [8] TORQUE INSERT DESIGNED TO SUPPORT A MINIMAL AXIAL FORCE IN DIRECTION SHOWN, NOT DESIGNED TO SUPPORT AXIAL FORCE IN THE OPPOSITE DIRECTION.
 9. CUSTOMER IS RESPONSIBLE FOR CHECKING COMPATIBILITY OF REELL LUBRICANTS WITH PLASTICS USED.
 10. OVERALL LENGTH MAY CHANGE DURING SHIPPING.
 11. NUMBER OF TORQUE ELEMENTS MAY VARY.
 12. LIGHT FILM OF LUBRICANT MAY BE PRESENT ON INSIDE OF SHAFT.

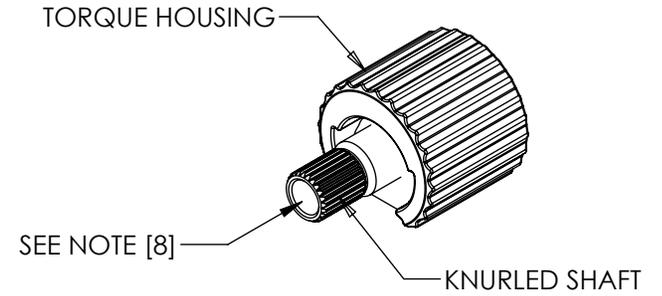
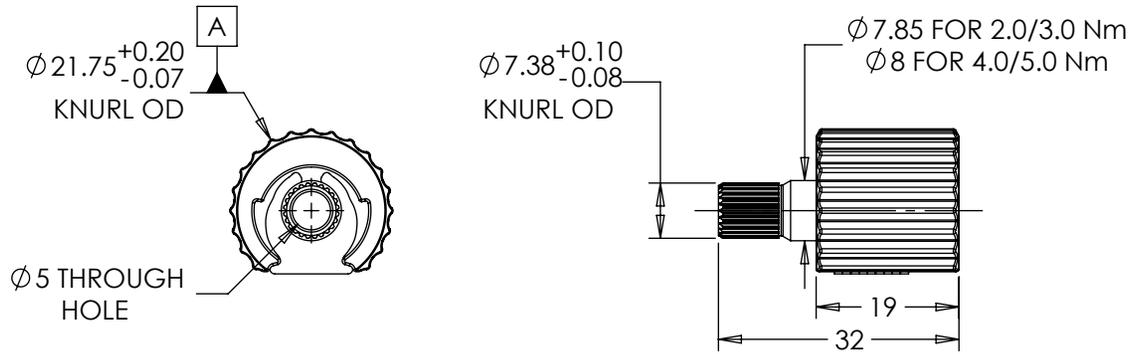
FOR PATENTS SEE:
pat.reell.com (PRODUCT CODE: CP10)

SPECIFICATIONS SUBJECT TO CHANGE

	ECO NO: 08674	PART LIFECYCLE: RELEASED	
	APPROVED BY: BILL WARREN	DEVELOPMENT CYCLE: PRODUCTION	
	APPROVED DATE: 04NOV25	DESCRIPTION:	
	PROJECT NO: 101656	SALES DRAWING	
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER: BILL WARREN	PART NO: HTI-360	
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: BILL WARREN		
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:1	DO NOT SCALE DRAWING
	DIMENSIONS: mm	SHEET 1 OF 3	

HTI-360-X.X-01-XX (KNURLED SHAFT)

ALL DIMENSIONS ARE REFERENCE
SEE CAD MODEL FOR UNSPECIFIED FEATURES.



- SEE PAGE 3 FOR INSTALLATION RECOMMENDATIONS.
- INTENDED FOR PRESS FIT INTO METALS. CONTACT REELL FOR OTHER MOUNTING OPTIONS.
- APPROXIMATE WEIGHT: 35.28 GRAMS

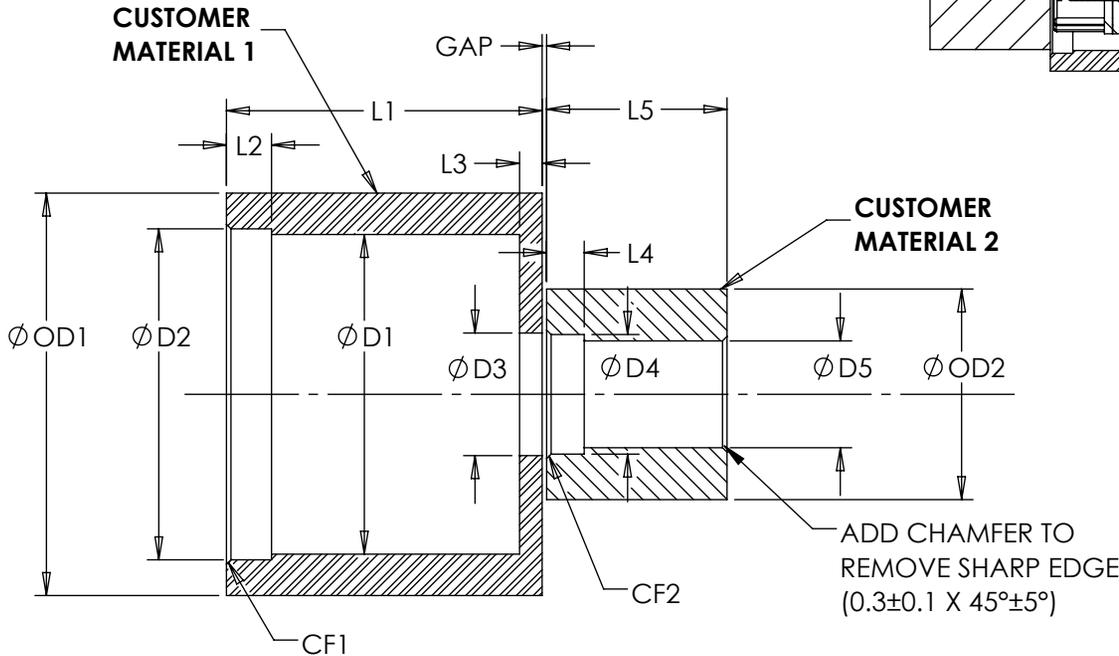
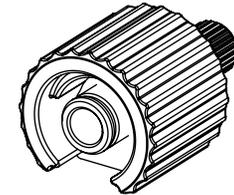
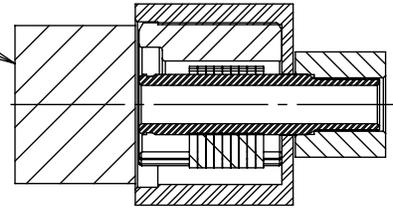
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HTI-360-X.X-01-XX CUSTOMER INSTALLATION GEOMETRY

MATERIAL	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	CF1/CF2	OD1	OD2	GAP
DIE CAST ZINC	21.5±0.05	22±0.05	7.95±0.05 FOR 2.0/3.0 Nm	7.8±0.05 FOR 2.0/3.0 Nm 7.95±0.05 FOR 4.0/5.0 Nm	7.15±0.03	21 MIN	3±0.1	1.5±0.1	2.5±0.1	12 MIN	0.3±0.1 X 45°±5°	26.75 MIN	14 MIN	(0.3)
DIE CAST ALUMINUM			—											
MILD STEEL	21.63 ±0.025		8.1±0.05 FOR 4.0/5.0 Nm	7.9±0.05 FOR 2.0/3.0 Nm 8.05±0.05 FOR 4.0/5.0 Nm	7.2±0.03									
WROUGHT ALUMINUM			—											

INSTALLATION RAM TO CONTACT BOTH TORQUE HOUSING & SHAFT DURING PRESS. 21mm RAM SHOWN.



CUSTOMER MATERIAL 1 AND CUSTOMER MATERIAL 2 ALIGNMENT TO BE WITHIN 0.15mm IN ANY DIRECTION.

SCALE 2:1

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