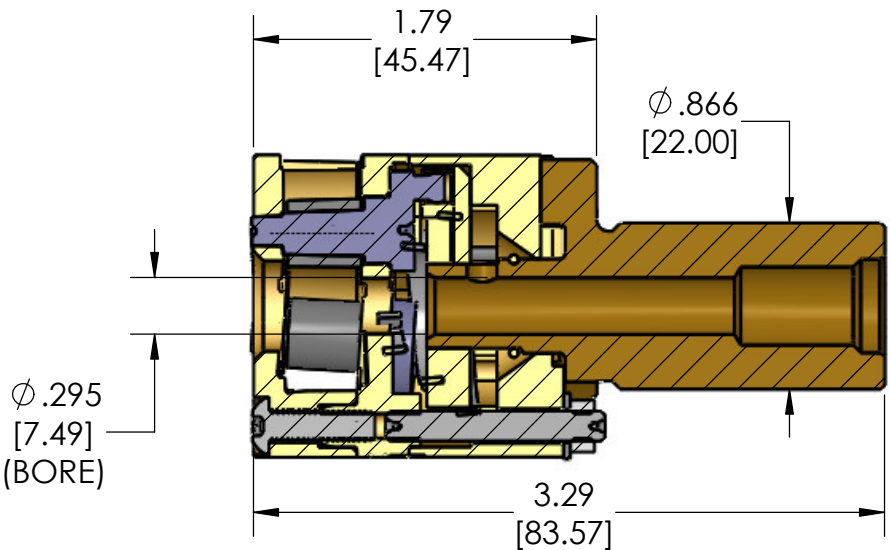
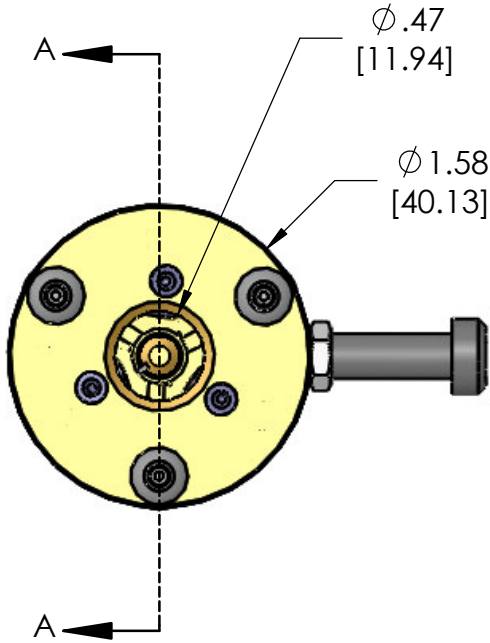


REV	ZONE	ECN	REVISION DESCRIPTION	DATE	ENG
A	....	....	Released	01/14	CR
B	....	....	Added Section View/Dimensions	04/18	IPA/PD

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	189048	Shaft	1
2	189002	Spring Housing	1
3	189003	Center Plate	1
4	189004	Front Plate	1
5	189005	Eccentric Roll Pin	3
6	189006	Retaining Block	3
7	189007	Clutch Plate	1
8	189010	Spring: Tapered Coil, 1.25 OD x .620 OAL x 80 deg.	1
9	189012	Ring: Retaining, .488 dia. x .047	1
10	189013	Carbide Roll Bushing	3
11	189036	Stud	3
12	189026	Washer: Flat, M4	3
13	189037	Nut: Hex, M4 x 0.7	3
14	189039	Screw: BHCS, M4 x 0.7 x 14mm	3
15	189034	Screw: SSS, M3 x .5 x 8MM	2
16	189032	Screw: SHSS, M5-.8x16mm	1
17	189030	Nut: Hex, M5 x 0.8	1
18	189031	Internal Trip Mechanism (Optional)	1



SECTION A-A  
SCALE 1 : 1



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UNLESS OTHERWISE SPECIFIED:  
DRAWING MUST COMPLY TO  
C. J. WINTER ENGINEERING  
STANDARD E1058 & ASME  
Y14.5M 1994. UNTOLERANCED  
DIMENSIONS ARE BASIC

	.020	A	B	C	SW
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DRAWN BY: C. Robinson  
DWG DATE: 01/21/14  
ENG. APPR:  
APPR DATE:  
MATERIAL:  
HEAT TRT:



**C. J. WINTER**  
MACHINE TECHNOLOGIES, INC.

DWG SIZE  
**B**  
SCALE: 2:3  
Sheet1

189 End Rolling Attachment 22mm Shank

DRAWING NO.  
**189 ER-03**