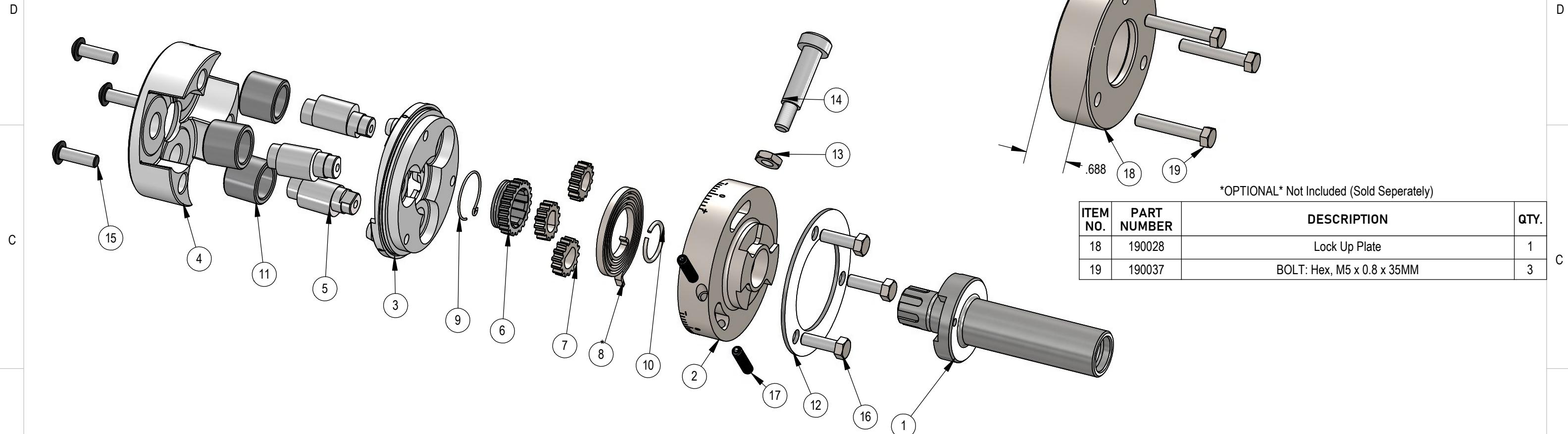
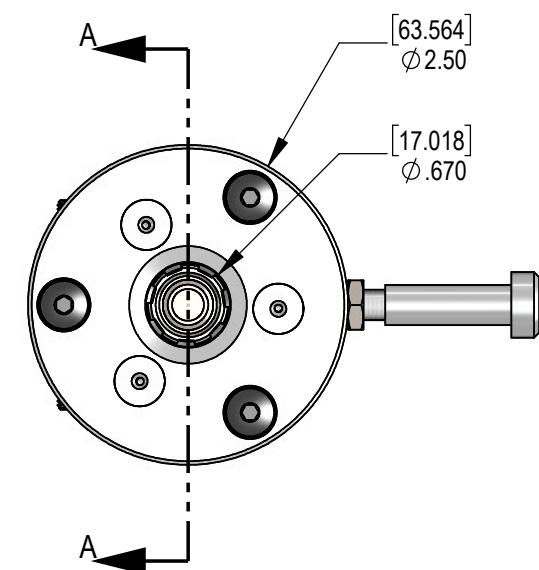
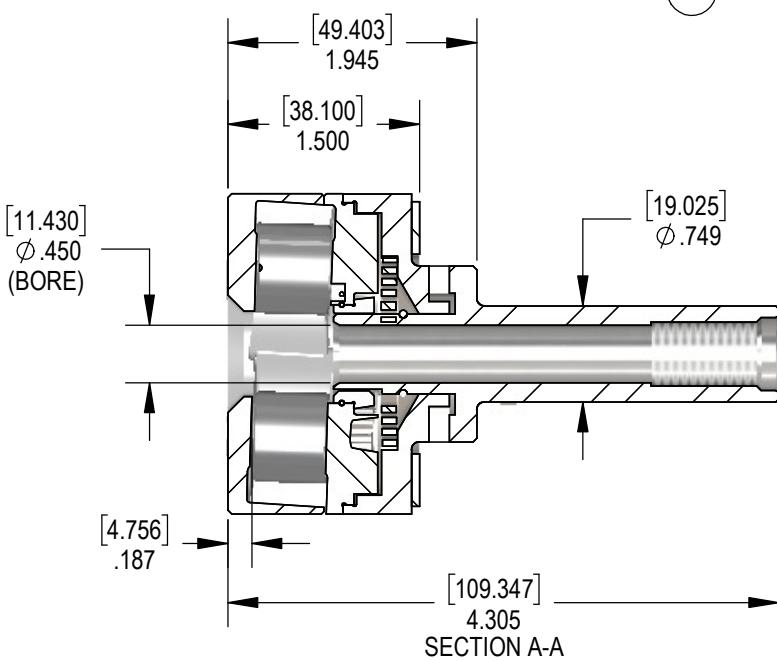


REV	ZONE	ECN	REVISION DESCRIPTION	DATE	ENG
A	....	....	Released	06/04	PA
B	....	....	Added Section View/Dimensions	04/18	PA/PD
C	....	5868	Added #8-32 x .750 SSS (2x)	05/25	NB



\*NOTE: LARGE DIAM. OF 190010 TO BE INSTALLED FACING 190001

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
B 1	190001	Shaft	1
2	190002	Spring Housing	1
3	190003	Center Plate	1
4	190004	Front Plate	1
5	190005	Eccentric Roll Pin	3
6	190007	Center Gear	1
7	190008	Eccentric Gear	3
8	190010	SPRING: Tapered Coil, 1.80 OD x 1.250 OAL x 60°	1
9	190011	RING: Retaining, .768 ID x .032	1
10	190012	RING: Retaining, .625 OD x .060	1
11	190013	Carbide Roll Bushing	3
A 12	190016	Washer (Ring Style)	1
13	190017	NUT: Jam, M6 x 1.0	1
14	190032	Stud (Head Collar)	1
15	190006	SCREW: BHCS, M5 x 0.8 x 16MM	3
16	190015	BOLT: Hex, M5 x 0.8 x 16MM	3
17	190051	SCREW: SSS, #8-32 X .750	2



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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

DRAWN BY: D. Cole  
DWG DATE: 12/12/2003  
ENG. APPR: P. Allart  
APPR DATE: 12/12/2003  
MATERIAL: SEE BOM  
HEAT TRT: N/A



**CJ WINTER**  
A Brinkman International Group, Inc. Company

190 End Rolling Attachment  
.750 Dia. Shank

DWG SIZE: B  
SCALE: 2:3  
SHEET 1 OF 1  
DRAWING NO.  
**190 ER-01**