

6

5

4

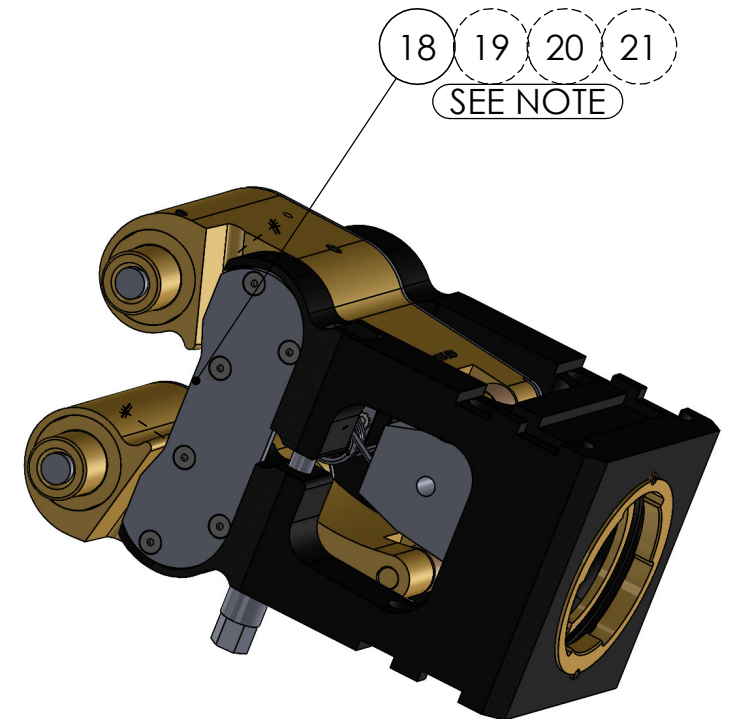
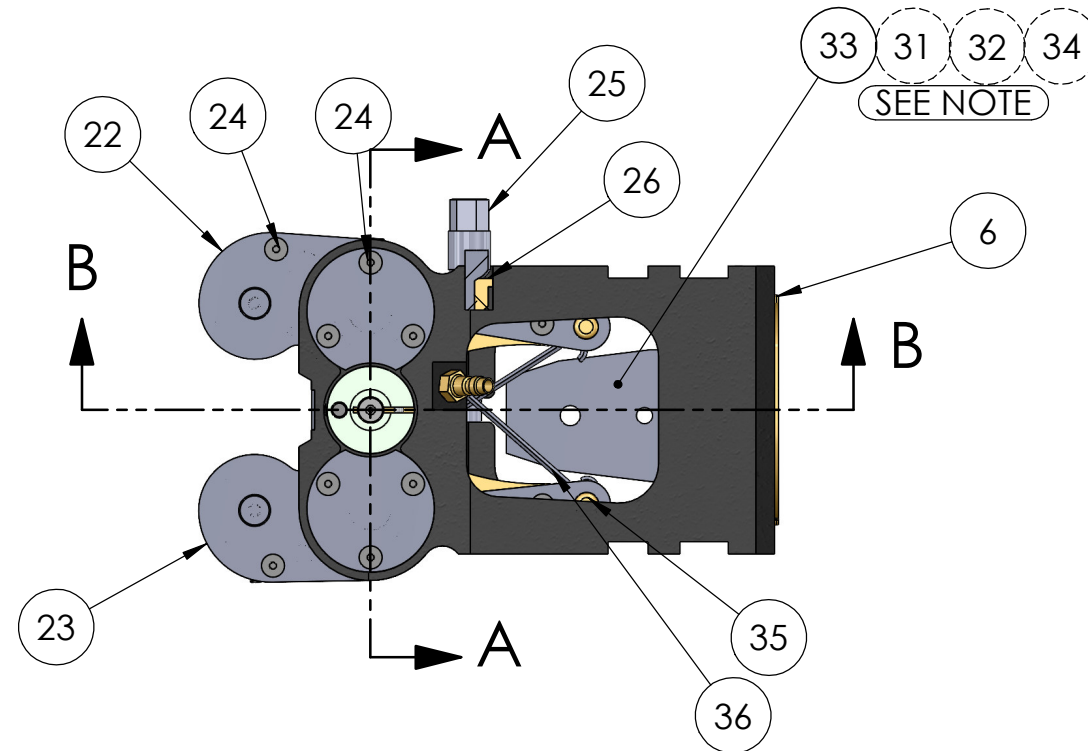
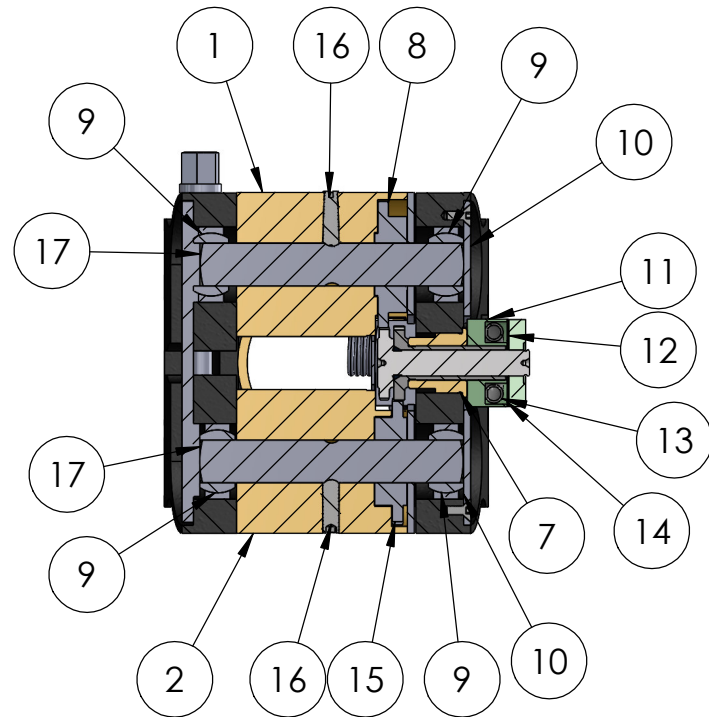
3

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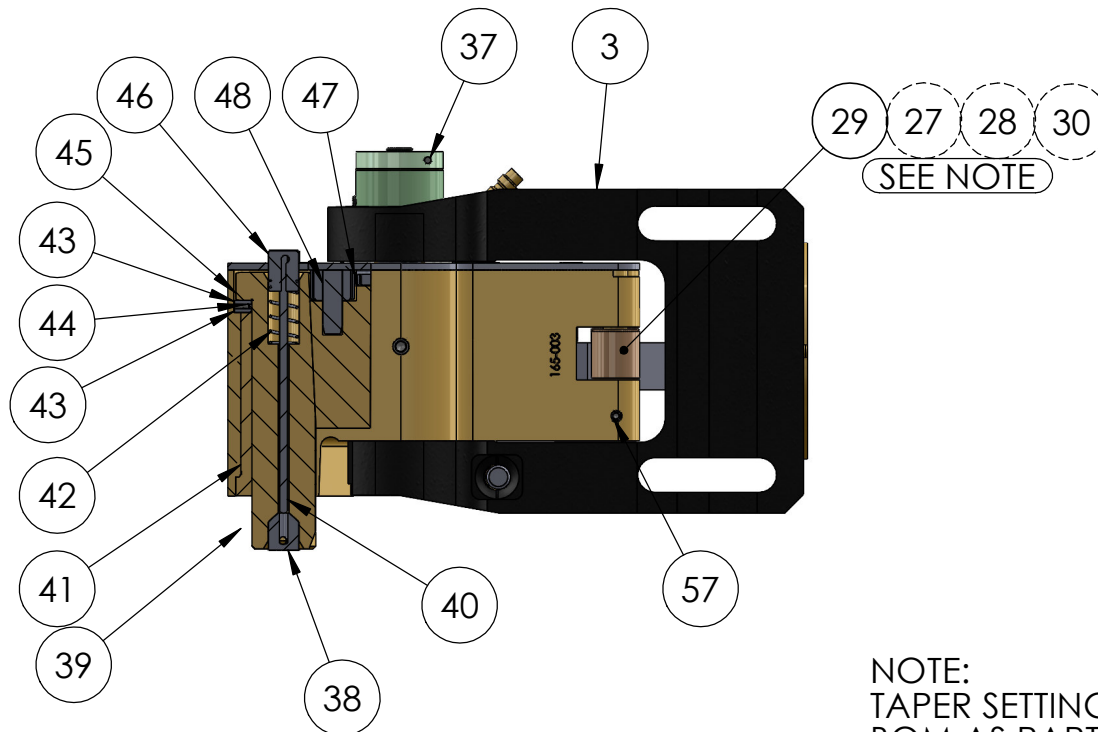
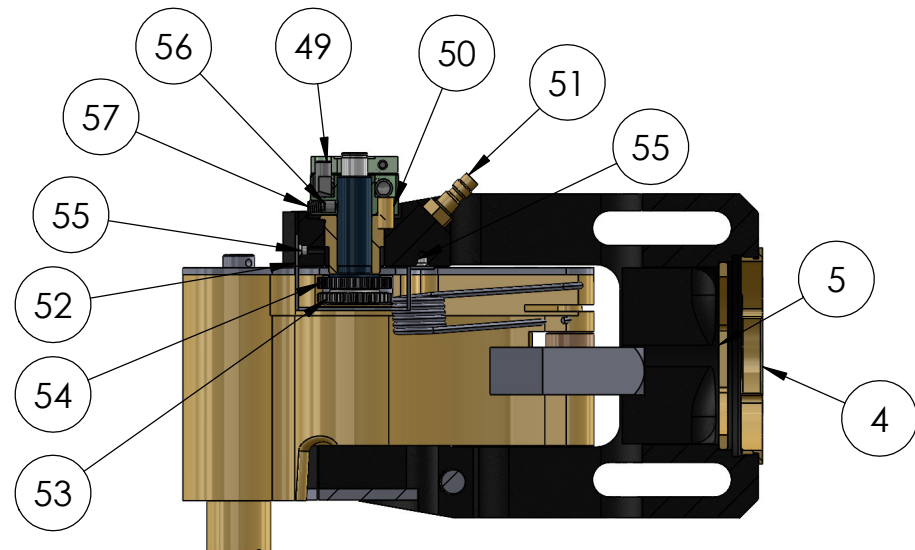
1

REV	ZONE	ECN	REVISION DESCRIPTION	DATE	ENG
C			Redrawn in Solidworks	3/22	NA

SECTION A-A



SECTION B-B



NOTE:
TAPER SETTING PLATE, WEDGE, AND WEDGE ROLLER, SHOWN IN
BOM AS PARTS 18, 33, AND 29 RESPECTIVELY MAY BE SUBSTITUTED
FOR DIFFERENT THREAD OR TAPER ADJUSTMENT CONFIGURATIONS

Thread Roll
as Required

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STANDARD E1058 & ASME
Y14.5M 1994. UNTOLERANCED
DIMENSIONS ARE BASIC



DRAWN BY:
DWG DATE:
ENG. APPR:
APPR DATE:
MATERIAL:
HEAT TRT:



C. J. WINTER
MACHINE TECHNOLOGIES, INC.

165912: Bracket Assembly

DWG SIZE
SCALE: 1:3
B
SHEET 1 of 2
DRAWING NO.
1650B

6				5				4				3				2				1			
ITEM NO.	PART NO.	DESCRIPTION	QTY.	ITEM NO.	PART NO.	DESCRIPTION	QTY.										REV	ZONE	ECN	REVISION DESCRIPTION	DATE	ENG	
																	C			Redrawn in Solidworks	3/22	NA	
1	165002	R.H. Roll Arm	1	31	165022	Wedge, Narrow	1	Components 165912: Bracket Assembly- shown here 160911QR: Power Pack Assembly- not shown 141600: Control Valve Assembly- not shown Serial No. Range 165109-Current															
2	165003	L.H. Roll Arm	1	32	165023	Wedge, Medium	1																
3	165032QR	Quick Release Roll Arm Yoke (OB)	1	33	165024	Wedge, Large	1																
4	160416	Quick Release Adapter	1	34	165025	Wedge, Ex-Large	1																
5	160417	Quick Release Washer	1	35	160091	Wedge Roller Pin	2																
6	838-19	Pin: Spring, .188 Dia x .500	2	36	165018	Roll Arm Spring	1																
7	160048	Compensator Bushing	1	37	141379	Screw: SHCS, #6-32 x .500	1																
8	165014	R.H. Idler Gear	1	38	165068	Locking Ramp	2																
9	165012	Bushing: Ball, self-aligning	4	39	165069	Ball Bearing .375 dia, Grade 48	2																
10	165016	Fulcrum Thrust Plate	2	40	165066	Tie Rod	2																
11	160050	Spring Retainer	1	41	165004	Roll Arm Bushing, Carbide	2																
12	160092	Adjusting Collar	1	42	165070	Spring: Compression, .480 OD x 1.000	2																
13	160051	Compensator Spring	2	43	165010	Thrust Bearing Race	4																
14	160102	Cover Plate	1	44	165009	Bearing: Needle thrust	2																
15	165013	L.H. Idler Gear	1	45	165065	Roll Support Shaft-Quick Change	2																
16	145025	Fulcrum Lock Screw	2	46	165067	Release Button	2																
17	165011	Fulcrum Pin	2	47	165015	Intermediate Idler Gear	2																
18	165026	Taper Setting Plate (.001)	1	48	170014	Intermediate Idler Pin	2																
19	165027	Taper Setting Plate (.002)	1	49	160052	Adjusting Collar Pin	1																
20	165028	Taper Setting Plate (.003)	1	50	160053	Pin: Dowel, .250 Dia. x .500	1																
21	165029	Taper Setting Plate (.004)	1	51	125070	Quick Disconnect Plug	1																
22	165008	R.H. Cover Plate	1	52	165017	Center Guard	1																
23	165007	L.H. Cover Plate	1	53	160093	Internal Gear	1																
24	145027	Screw: FHCS, #8-32 x .375	18	54	160004	External Gear	1																
25	165019	Taper Adjusting Bolt	1	55	160086	Screw: FHSS, #6-32 x .188	2																
26	145022	Taper Adjusting Nut	1	56	160054	Screw: SSS, #10-32 x .250 Half Dog Pt	1																
27	165020	Wedge Roller (1.000 Dia.)	2	57	140287	Screw: SSS, #10-32 x .250 Cup Pt.	7																
28	140221	Wedge Roller (.875 Dia.)	2																				
29	140220	Wedge Roller (.750 Dia.)	2																				
30	140219	Wedge Roller (.625 Dia.)	2																				
</																							