

MODEL NO.	DISC THK.	ASSY. NO.	TOTAL PAD WEAR, IN.	TANGENTIAL FORCE, LBS.
PFS520SE	.500	4252-0093	0	6,419
PFS520SJ	.625	4252-0094	0	5,350
PFS520ST	.750	4252-0095	.06	4,281
PFS520SO	1.00	4252-0096	.12	3,212
PFS520SQ	1.125	4252-0097	.18	2,143
			.24	1,074
			.30	0
			.36	

BRAKING RADIUS (IN) = SQ. ROOT (DIM 'C' SQUARED + 4.00)

TORQUE (LB-IN) = TANGENTIAL FORCE (LBS) X BRAKING RADIUS (IN)

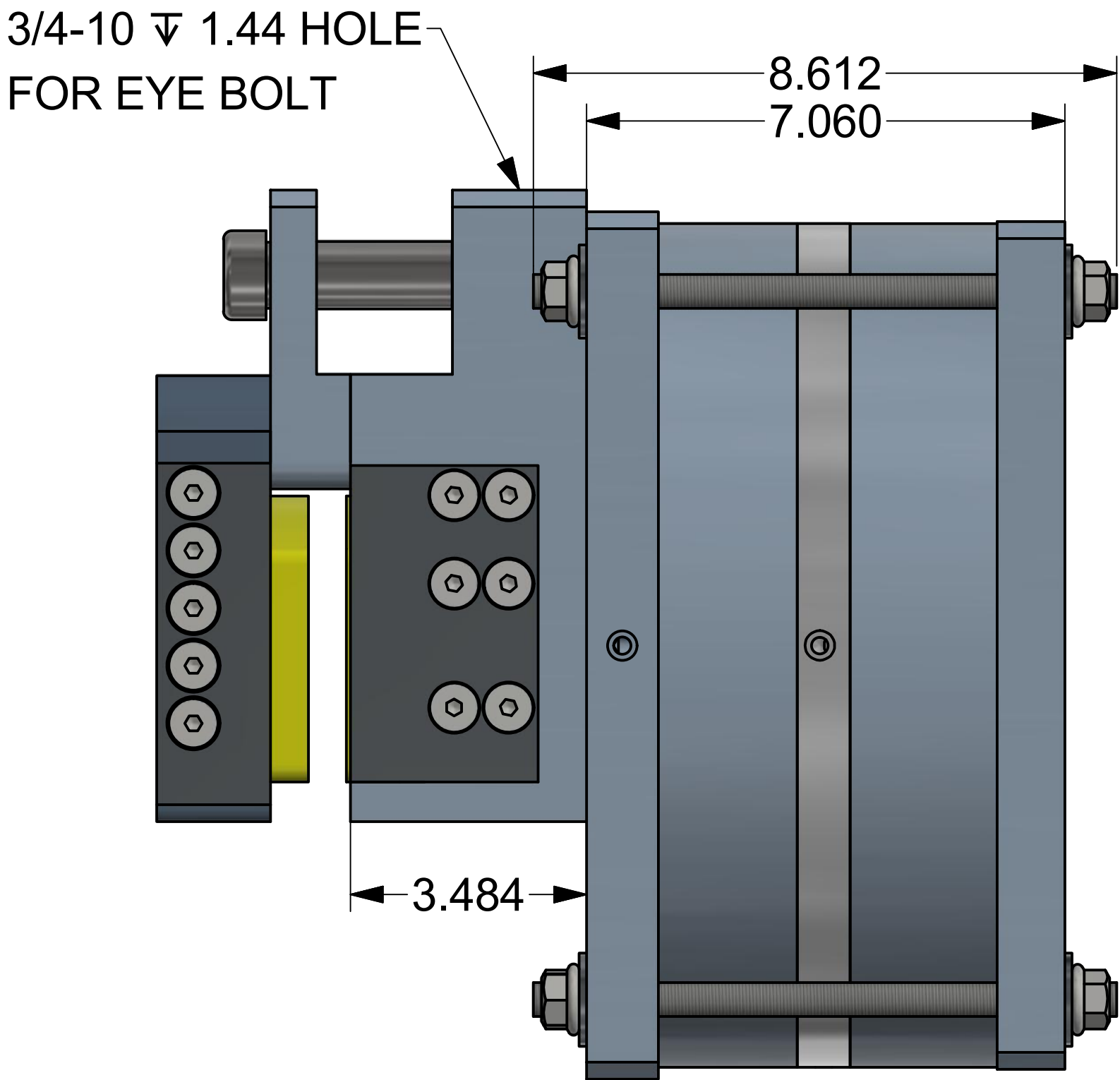
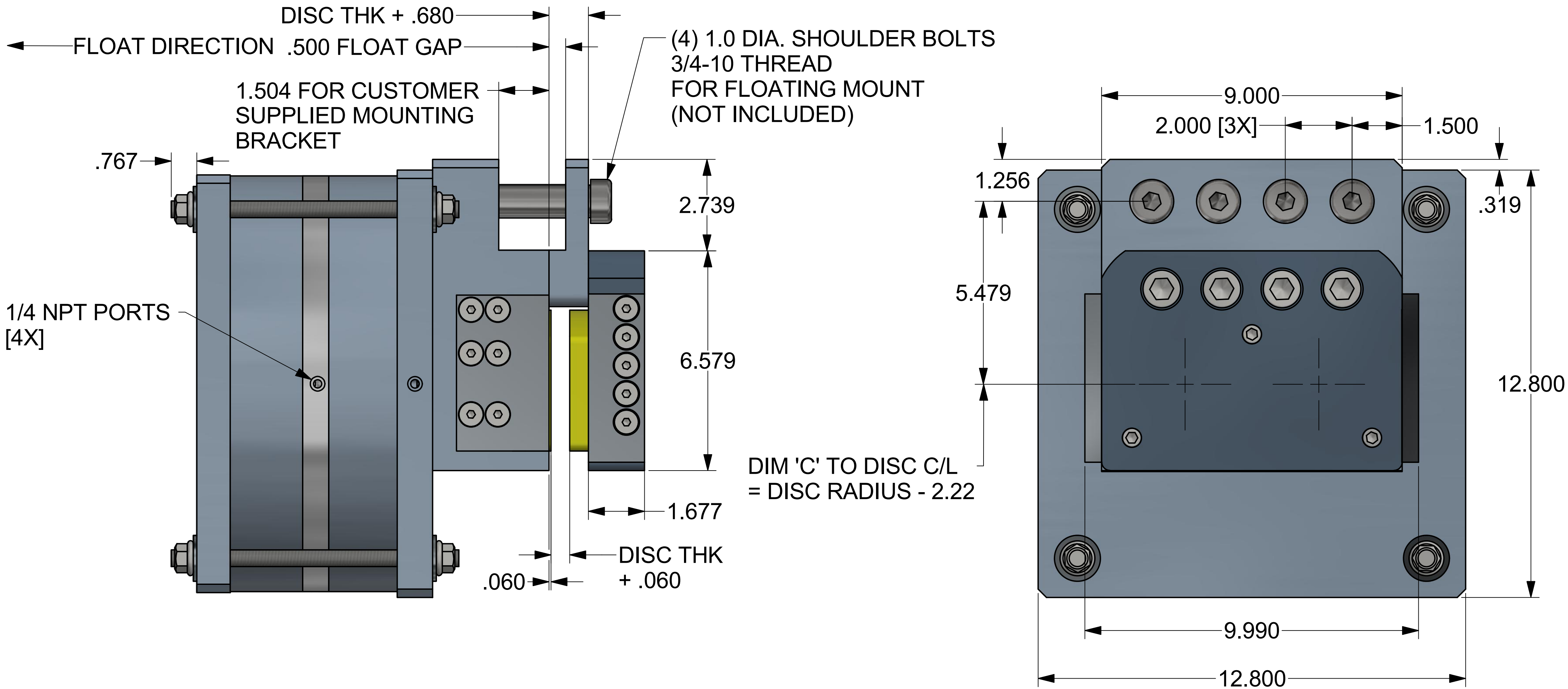
- \* 14,264 LBS. OF CLAMPING FORCE
- \* .45 COFF. OF FRICTION
- \* MIN. DISC DIA. -- 20 INCHES
- \* MAX. DISC DIA. -- UNLIMITED
- \* 75 PSI RELEASE PRESSURE
- \* ALUMINUM CONSTRUCTION
- \* HARDCOATED
- \* 62 SQ. INCHES TOTAL PAD AREA
- \* 22 CUBIC INCHES OF WEARABLE FRICTION MATERIAL
- \* DISC SPACERS FOR OTHER DISC WIDTHS ARE AVAILABLE


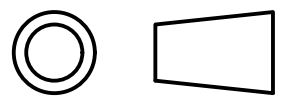
FOR PAD SERVICE CALIPER DOES NOT NEED TO BE REMOVED FROM MACHINE.

1. REMOVE (3) SHCS FROM BACK OF DEAD SIDE.

2. REMOVE (4) REACTOR PLATES FROM LIVE SIDE & DEAD SIDE.

NOTE: THIS SERIES OF BRAKES CAN BE USED FOR LINEAR RAIL BRAKING



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<b>UNLESS OTHERWISE SPECIFIED:</b> DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THRD DRILL DEPTHS FULL DIA.	<b>THIRD ANGLE PROJECTION</b> 		DESIGNER	DATE	
			CR	11/12/2012	
<b>TOLERANCES</b> .XX = ± .010 .XXX = ± .005 .XXXX = ± .0005	<b>MATERIAL</b>		REVISED BY	DATE	
<b>THREADS</b> EXTERNAL CLASS 2A INTERNAL CLASS 2B	<b>WEIGHT</b> 153.041 lbmass		<b>TITLE</b> PFS520 SERIES SPRING APPLIED/AIR RELEASE		
	SCALE	SHEET	SIZE	DRAWING NO.	REV
	1 / 2	1 of 1	D		