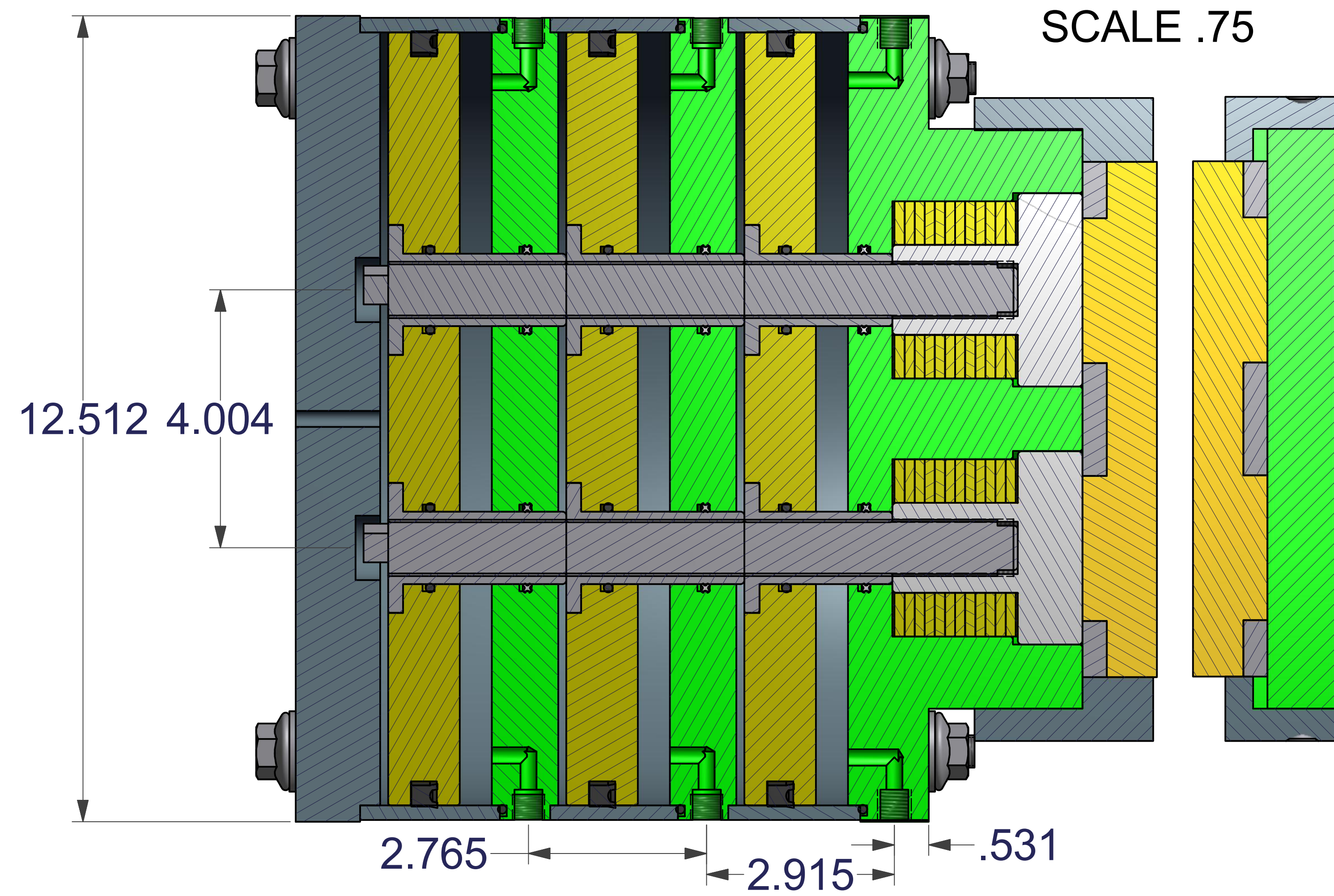


NOTE: THIS SERIES OF BRAKES CAN BE USED AS RAIL BRAKES AS WELL.

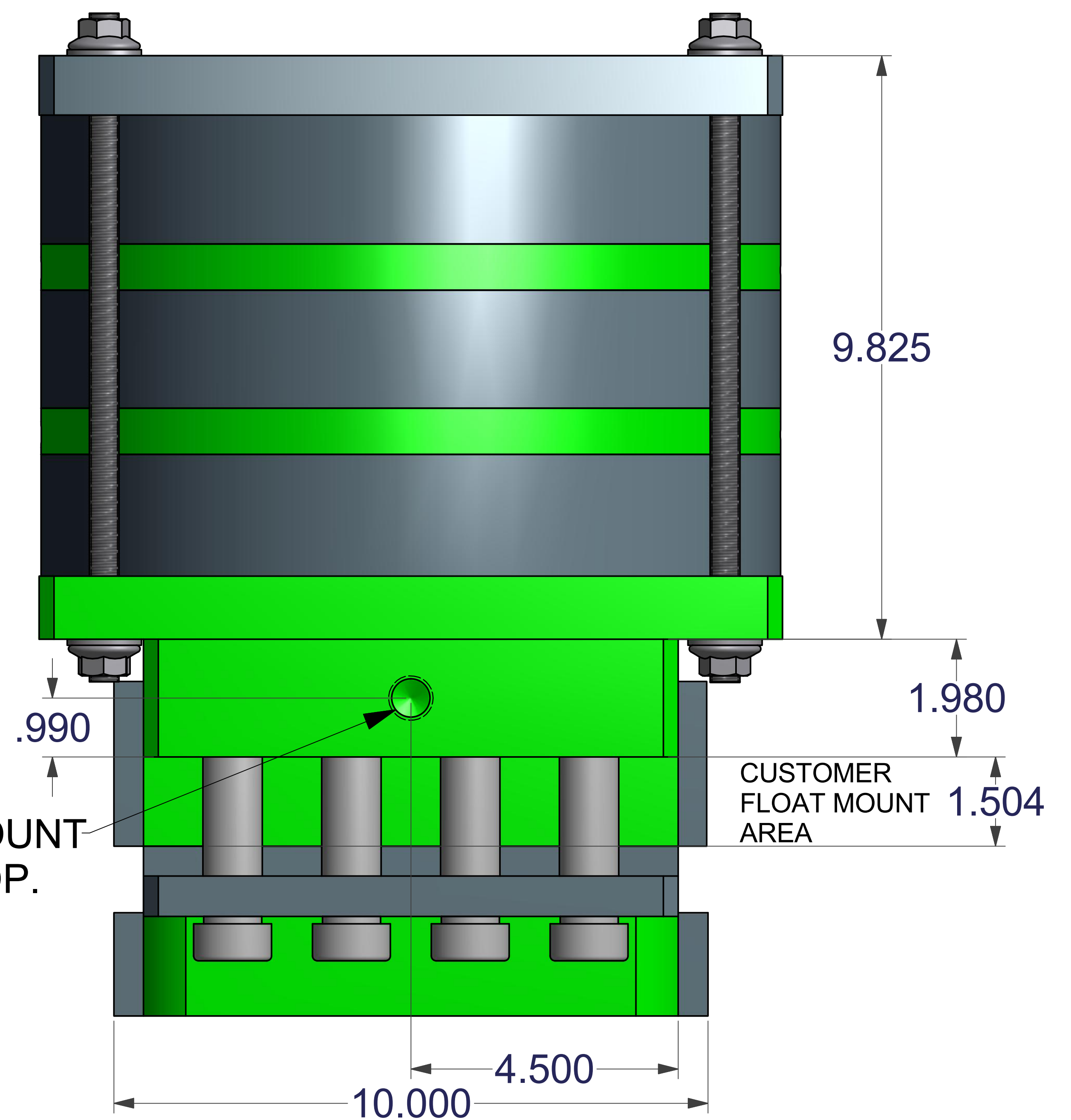
SECTION A-A  
SCALE .75



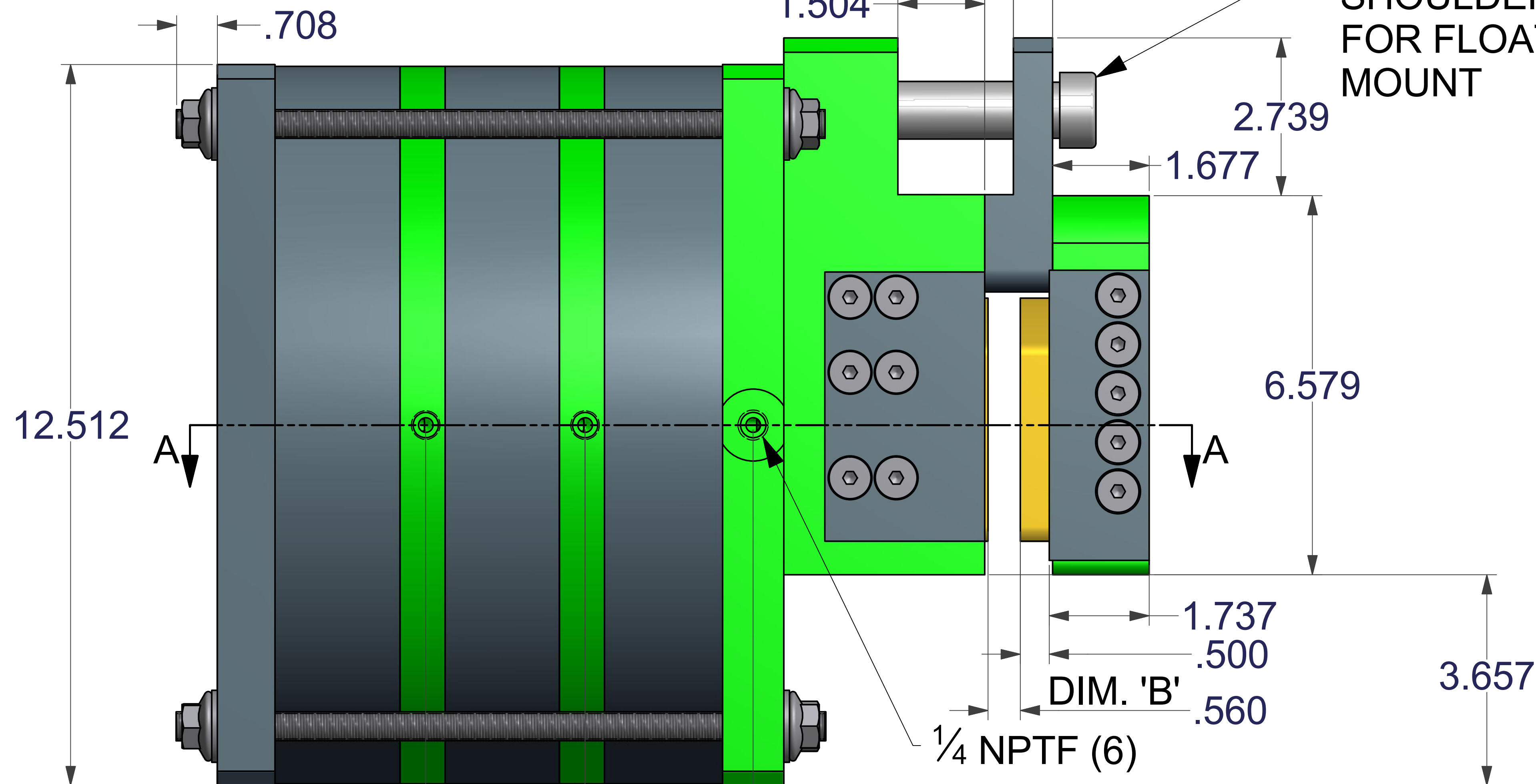
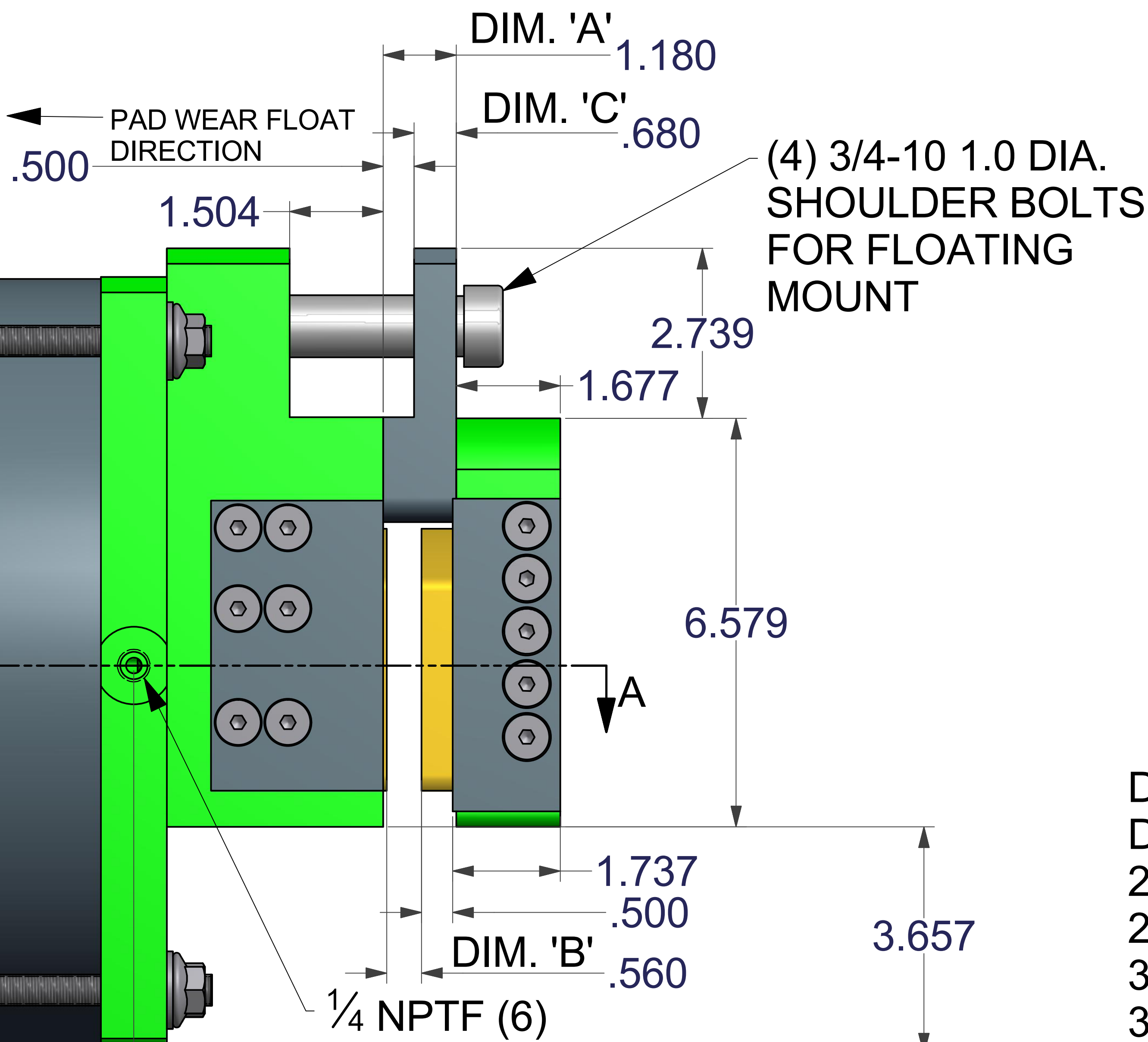
- \*27,192 LBS. OF CLAMPING FORCE
- \*.45 COFF. OF FRICTION (PAD #951023)
- \* MIN. DISC DIA. -- 20 INCH
- \* MAX. DISC DIA. -- UNLIMITED
- \* 85 PSI RELEASE PRESSURE
- \* CAST ALUMINUM CONSTRUCTION, HARDCOATED
- \* 47 SQ. INCHES TOTAL PAD AREA
- \* 24 CUBIC INCHES OF WEARABLE MATERIAL
- \* DISC SPACERS 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.

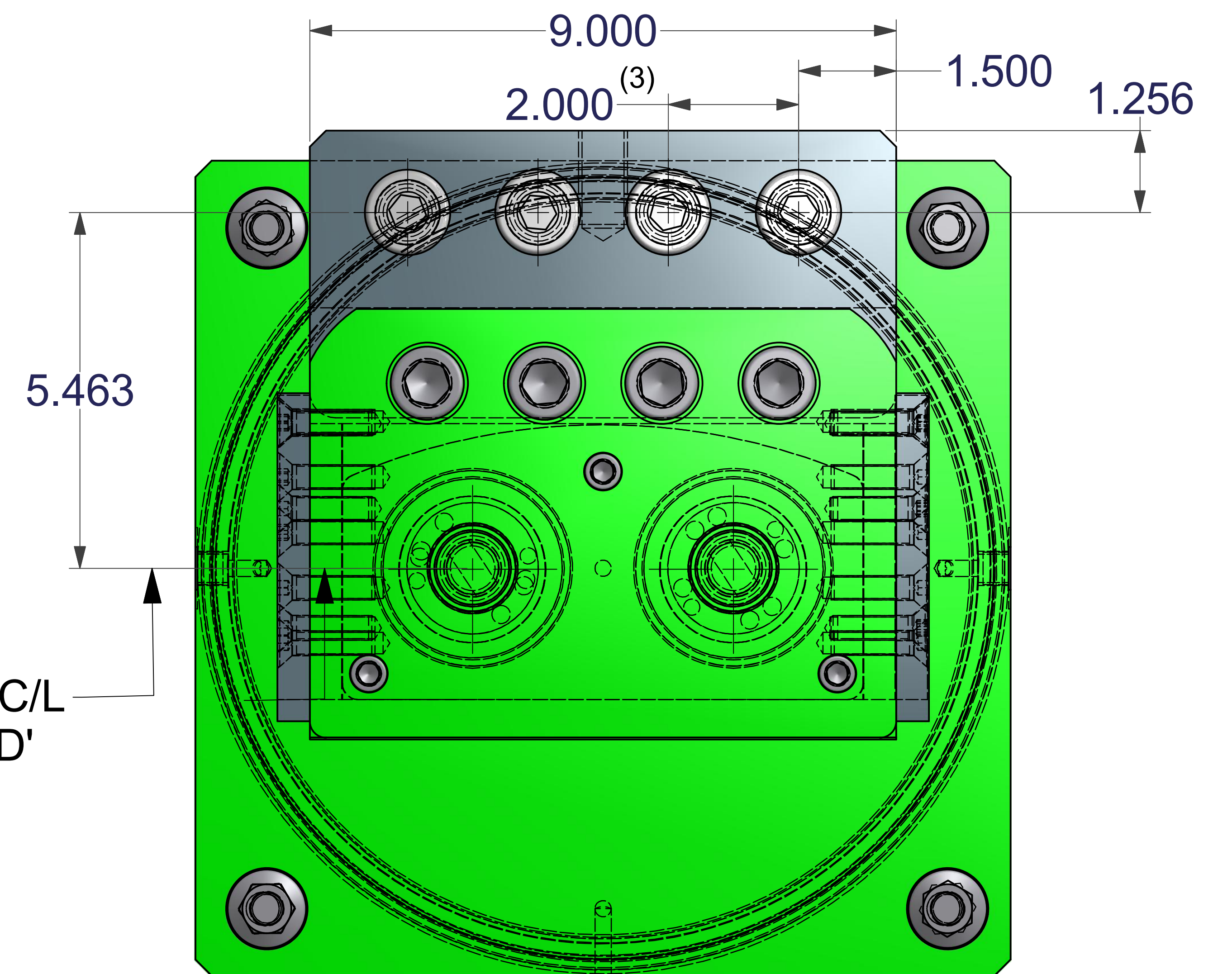
DISC DIA.	BRAKING RADIUS
20	8.033
22	9.033
30	13.033
32	14.033
40	18.033
42	19.033



MODEL NO.	DISC WIDTH	ASSY. NO.
PFS522SE (E)	.500	4252-0080
PFS522SJ (J)	.625	4252-0081
PFS522ST (T)	.750	4252-0082
PFS522SO (O)	1.00	4252-0083
PFS522SQ (Q)	1.125	4252-0084



DISC DIA.	DIM. 'D'
20	7.78
22	8.78
30	12.78
32	13.78
40	18.78
42	19.78



TOTAL PAD TANGENTIAL WEAR, IN.      FORCE, LBS.

DISC THK.	DIM. 'A'	DIM. 'B'	DIM. 'C'	WEAR, IN.	FORCE, LBS.
0				.00	12,236
.500	1.180	.560	.680	.06	10,488
.625	1.305	.685	.805	.12	8,740
.750	1.430	.810	.930	.18	6,992
1.00	1.680	1.06	1.180	.24	5,244
1.125	1.805	1.185	1.305	.30	3,496
				.36	1,748
				.42	0

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THD. DRILL DEPTHS FULL DIA.	THIRD ANGLE PROJECTION	DESIGNER WCB 07-17-12	DATE	W.C. BRANHAM INC. RIVER FALLS, WI.	
	TOLERANCES 2 PLACE +/- .010 3 PLACE +/- .005				CHECKER
	THREADS EXTERNAL CLASS 2A INTERNAL CLASS 2B	SCALE	DRAWING NO. 4252-0080		REVISION
	CLASS	SIZE E	TITLE PFS522S SERIES		