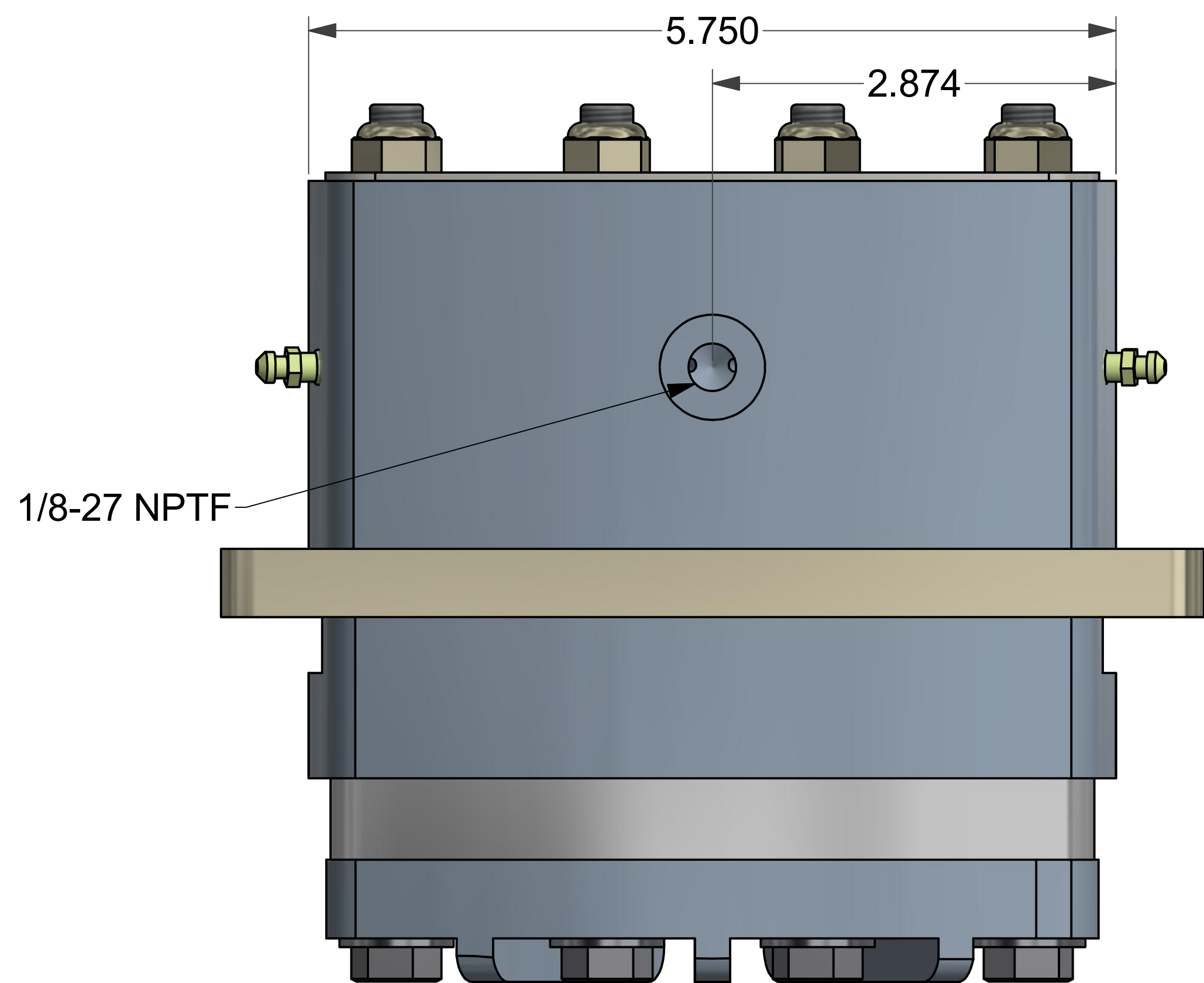
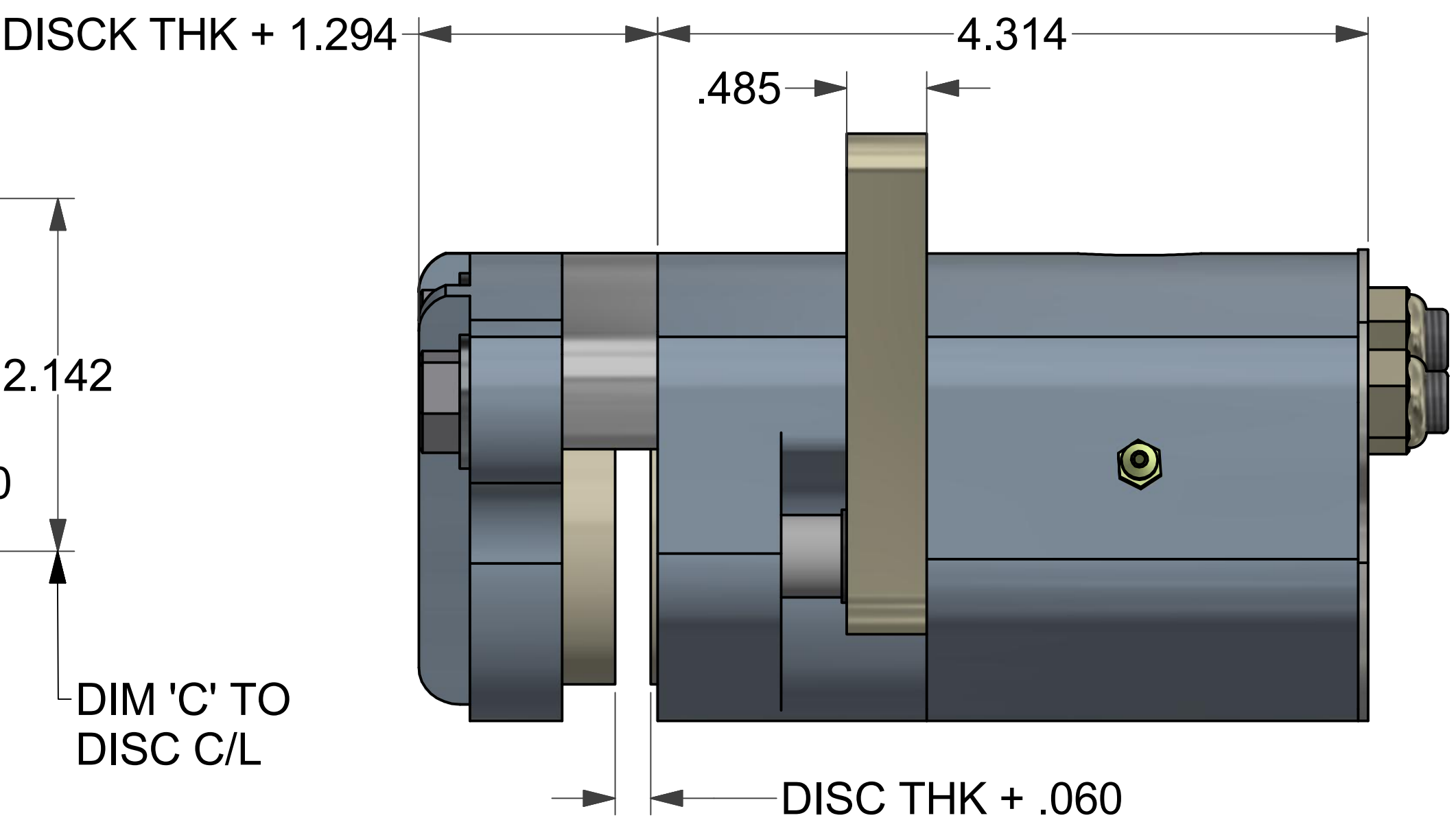
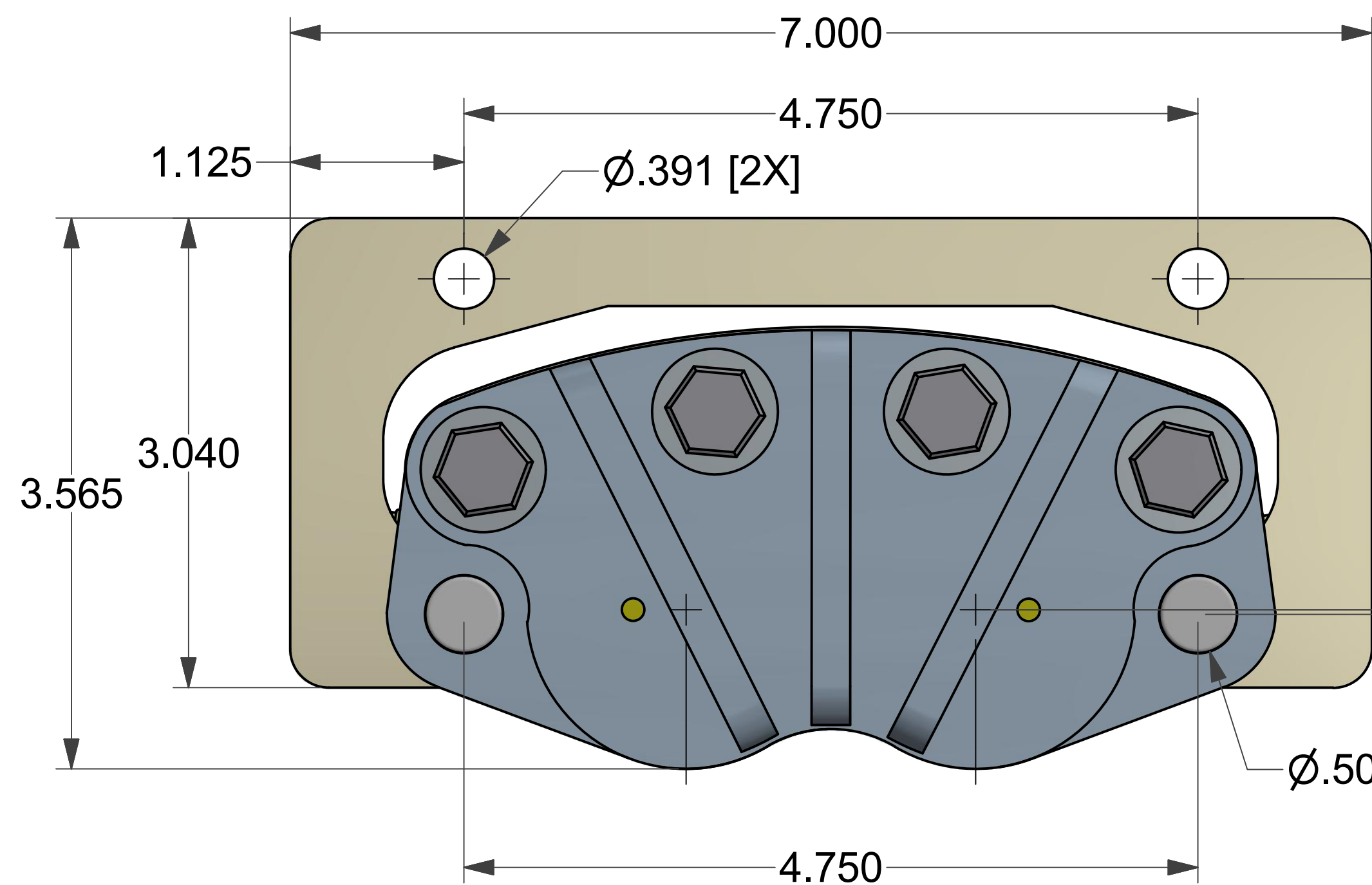
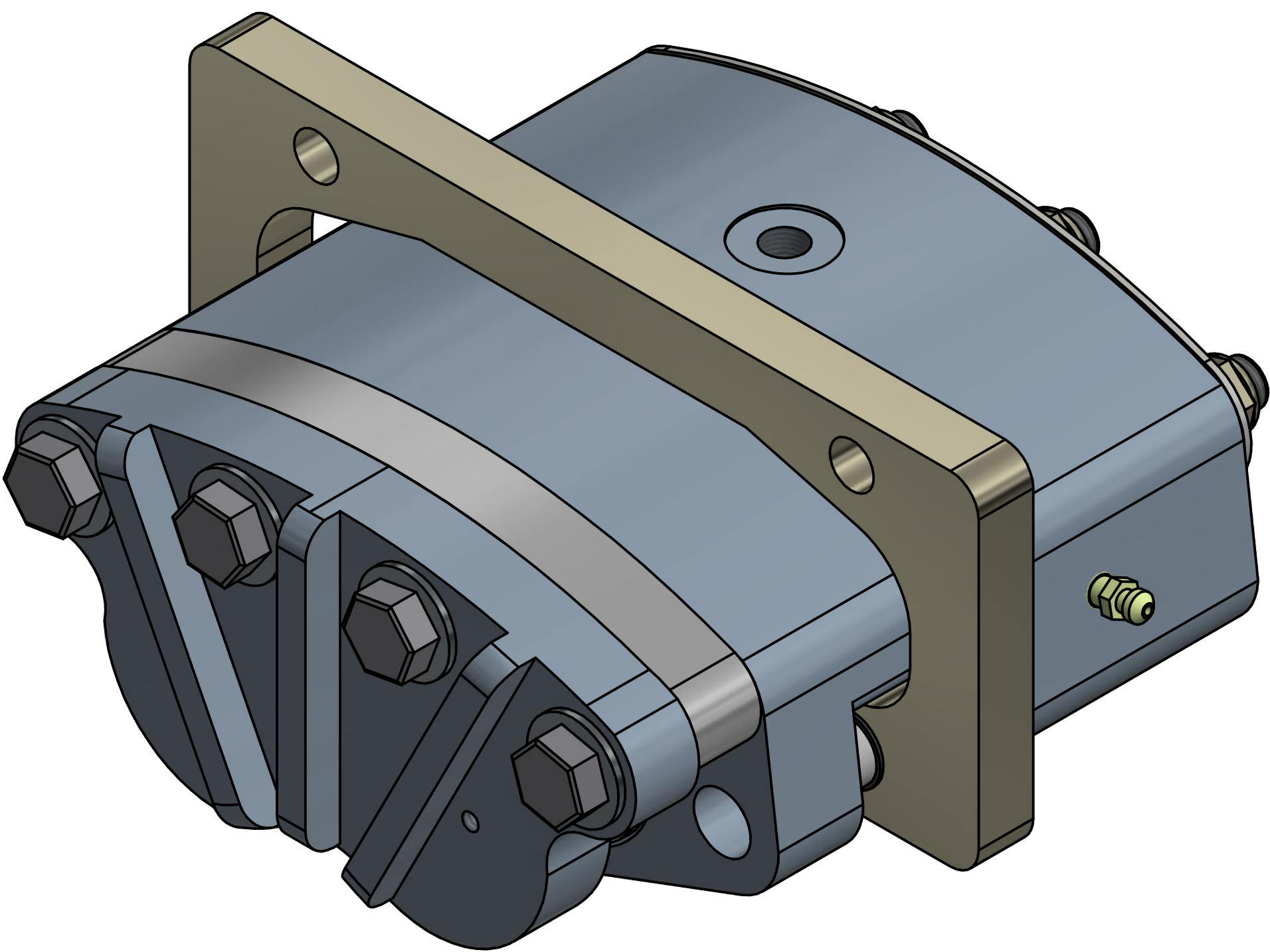




FS400 BRAKES ARE FOR EMERGENCY STOP & HOLDING APPLICATIONS ONLY.
 SPACERS ARE AVAILABLE FOR OTHER DISC THICKNESSES
 $TORQUE, IN. LBS. = TANGENTIAL FORCE (LBS.) \times BRAKING RADIUS, INCHES$

- * 2,000 PSI MAX. PRESSURE
- * 1500 PSI RELEASE PRESSURE
- * EXTRUDED ALUM. HSGS. HARDCOATED
- * 8.19 SQ. IN. TOTAL PAD AREA
- * .45 COFF. OF FRICTION PADS
- * SPRING STACKS (24) IN PARALLEL
- * BUNA N SEALS, VITON OR EPR OPTIONAL
- * 16 INCH MAX. DISC DIA.
- * 4,130 LBS. OF CLAMPING FORCE



TOTAL PAD WEAR, INCHES	TANGENTIAL FORCE (LBS.)
0	1,859
.06	1,549
.12	1,239
.18	929
.24	619
.30	309
.36	0

SUFFIX "F" --- FLTG. BRACKET

MODEL	ASSEMBLY NO.	DISC THK.
FS400A	4004-0840	.156
FS400AF	4004-0841	.156
FS400B	4004-0842	.250
FS400BF	4004-0843	.250
FS400E	4004-0844	.500
FS400EF	4004-0845	.500
FS400L	4004-0846	.375
FS400LF	4004-0847	.375
FS400TF	4004-0858	.750

$BRAKING RADIUS, (INCHES) = SQ. ROOT (DIM 'C' SQUARED + .8789)$

DISC DIA.	DIM. 'C'	BRAKING RADIUUS
8.0	3.03	3.17
10.0	4.03	4.14
12.0	5.03	5.11
16.0	7.09	7.15

WC BRANHAM SOLUTIONS IN MOTION 398 TROY STREET • RIVER FALLS, WISCONSIN 54022 U.S.A. © 2015 W.C. Branham Inc. All Rights Reserved.		THIRD ANGLE PROJECTION 		DESIGNER CR	DATE 4/25/2008
UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THRD DRILL DEPTHS FULL DIA.		MATERIAL		REVISED BY	DATE
TOLERANCES .XX = ± .010 .XXX = ± .005 .XXXX = ± .0005		WEIGHT N/A		TITLE FS400 SERIES SPRING APPLIED/HYDRAULIC RELEASE	
THREADS EXTERNAL CLASS 2A INTERNAL CLASS 2B		SCALE 1.25:1	SHEET 1 of 1	SIZE D	DRAWING NO.
					REV