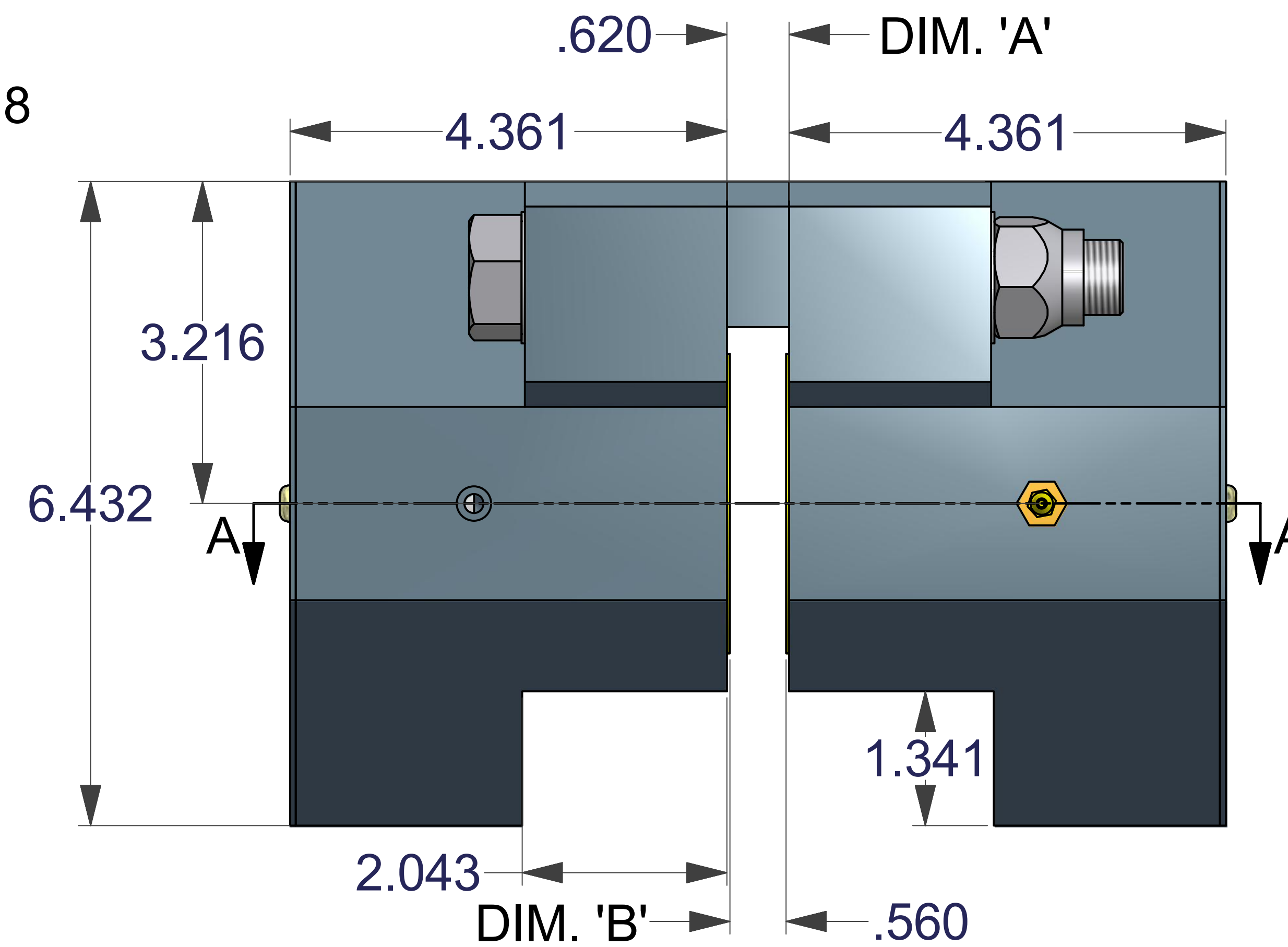
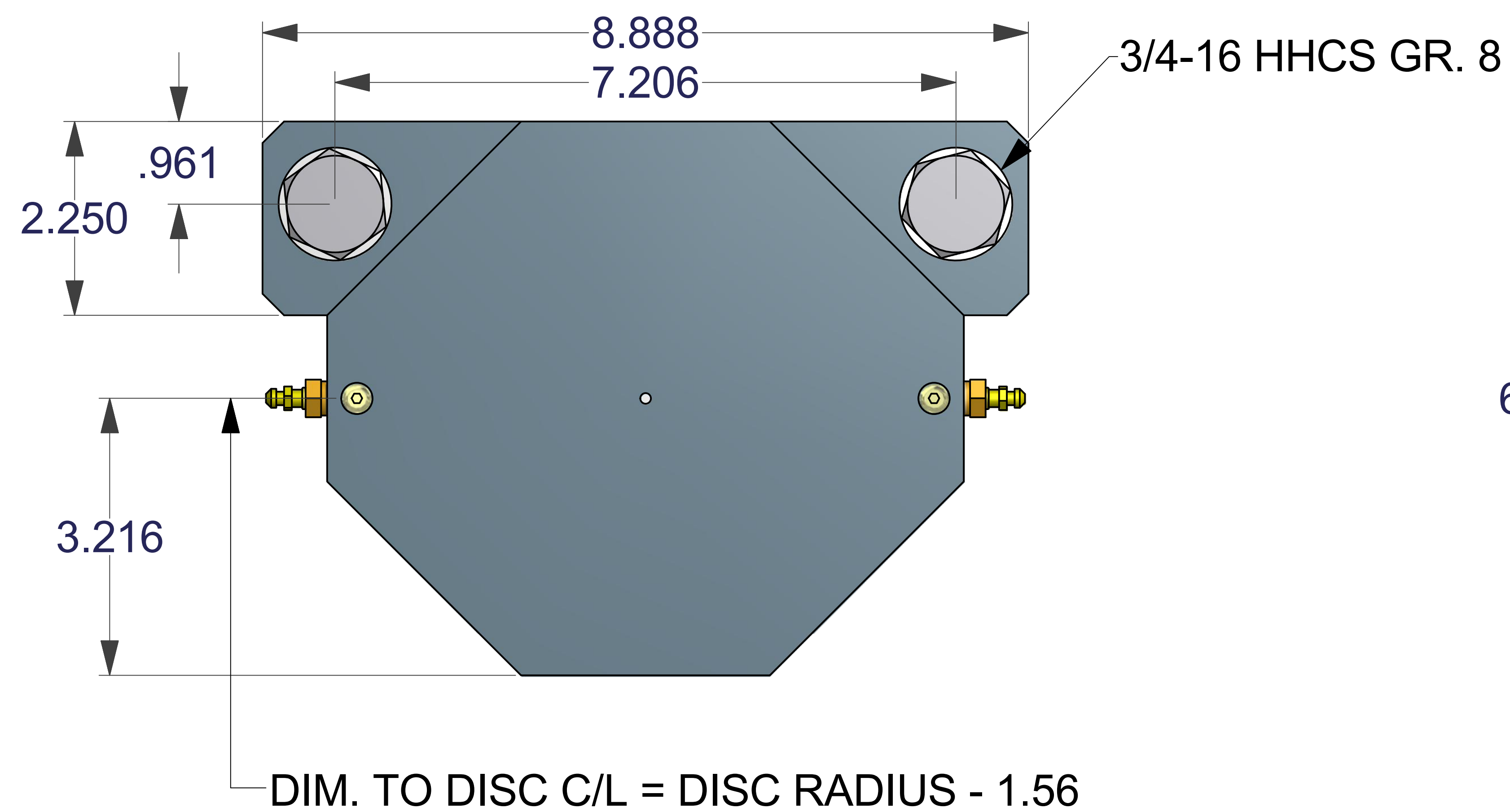


SECTION A-A
SCALE 1 : 1

- * 6,798 LBS. OF CLAMPING FORCE
- * .45 COFF. OF FRICTION PAD #951023
- * 400 PSI RELEASE PRESSURE
- * CAST ALUMINUM CONSTRUCTION
- * HARDCOATED HOUSINGS
- * 14.14 SQ. IN. TOTAL FRICTION AREA
- * 4.64 CUBIC INCHES WEARABLE MATERIAL
- * BUNA N & URATHANE SEALS
- * NON ASBESTOS FRICTION MATERIAL
- * 14 IN. MINIMUM DISC DIAMETER
- * MAX. DISC DIAMETER - UNLIMITED
- * 26.79 SQ. INCHES RETRACT PISTON AREA

TOTAL PAD WEAR, INCHES	TANGENTIAL FORCE, LBS.
0	3,059
.06	2,622
.12	2,185
.18	1,748
.24	1,311
.30	874
.36	437
.42	0



DISC THK.	DIM. 'A'	DIM. 'B'
.250	.679	.310
.375	.804	.435
.500	.929	.560
.625	1.054	.685
.750	1.179	.810
1.0	1.429	1.060
1.125	1.554	1.186

PART NO.	MODEL	DISC THK.
4006-0035	FS510DB	.250
4006-0036	FS510DL	.375
4006-0037	FS510DE	.500
4006-0038	FS510DJ	.625
4006-0039	FS510DT	.750
4006-0040	FS510DO	1.0
4006-0041	FS510 DQ	1.125

DISC DIA.	BRAKING RADIUS
14	5.44
16	6.44
18	7.44
20	8.44
30	13.44

- * FS510 SERIES BRAKES ARE FOR EMERGENCY STOP & HOLDING ONLY
- * DISC SPACERS ARE AVAILABLE FOR OTHER DISC THICKNESSES
- * TORQUE, IN. LBS. = DISC RADIUS - 1.56 X TANGENTIAL FORCE, LBS.

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THD. DRILL DEPTHS FULL DIA.	THIRD ANGLE PROJECTION	W.C. BRANHAM INC. RIVER FALLS, WI.	
	DESIGNER		TITLE FS510D SERIES
	TOLERANCES 2 PLACE +/- .010 3 PLACE +/- .005	DATE WCB 05/28/10	DRAWING NO.
	THREADS EXTERNAL CLASS 2A INTERNAL CLASS 2B	CHECKER	REVISION

SIZE
E