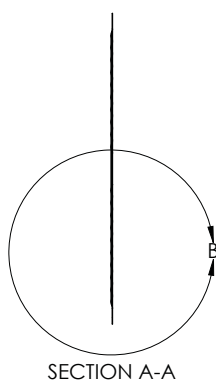
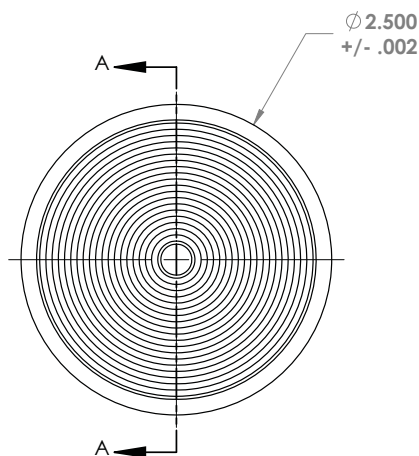


4

3

2

1



$(\phi .250)$
FLAT

.010 INSIDE

R.06 INSIDE

.100

.050

.175

SEE TAB +/- 5%

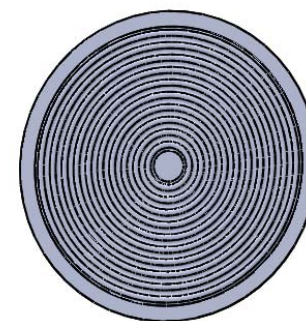
BURR SIDE
SEE NOTE 1

DETAIL B
SCALE 6 : 1

REV	DESCRIPTION	DATE	INITIALS
C	DEFLECTION CALCULATIONS UPDATED	7/21/2017	JD

GENERAL NOTES:

- 1) BURR TO BE 30% OF MATERIAL THICKNESS
- 2) MAX CAMBER (POTATO CHIPPING) OF 2% OF OD
- 3) ALL RIPPLE DIMENSIONS IN VIEW B ARE TOOL CONTROLLED
- 4) MANUFACTURE DIAPHRAGM FROM TOOL T-HSLP-2.500
- 5) DINGS AND DENTS ACCEPTABLE IF DETECTED ON ONE SIDE ONLY
- 6) DIAPHRAGMS TO BE NESTED AND PACKED TO AVOID DAMAGE



TAB	Part Name	Diameter	Thickness	Material	Specification	Deflection *
-1	HSLP2.500-0020-316	2.500	0.002	SS316L	AMS-5507	0.0531
-2	HSLP2.500-0020-718	2.500	0.002	IC718	AMS-5596	0.0518
-3	HSLP2.500-0030-316	2.500	0.003	SS316L	AMS-5507	0.0340
-4	HSLP2.500-0030-625	2.500	0.003	IC625	AMS-5599	0.0327
-5	HSLP2.500-0030-718	2.500	0.003	IC718	AMS-5596	0.0332

* Deflections listed at 1.0 psi are simulated results. Actual results may vary.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR: MACH $\pm$ BEND $\pm$
TWO PLACE DECIMAL $\pm .015$
THREE PLACE DECIMAL $\pm .005$
INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5M94
DO NOT SCALE DRAWING

NAME	DATE	TITLE: Metal Diaphragm	
DRAWN WAGNER	9-19-15	 A PRECISION Company	
CHECKED DEBONE	9-22-15		
ENG APPR.			
MFG APPR.			
Q.A.		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HUDSON TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HUDSON TECHNOLOGIES IS PROHIBITED.	
SIZE B	DWG. NO. HSLP2.500-TAB	REV C	SCALE: 1:1 WEIGHT: SHEET 1 OF 1

4

3

2

1