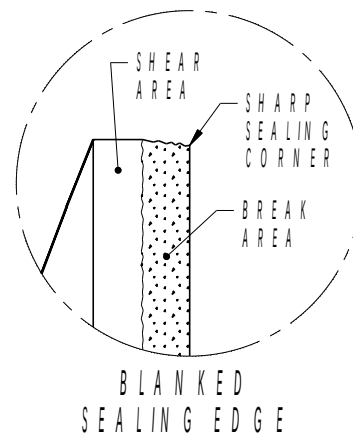
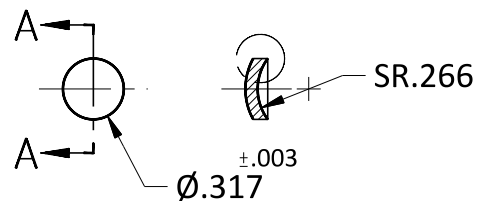
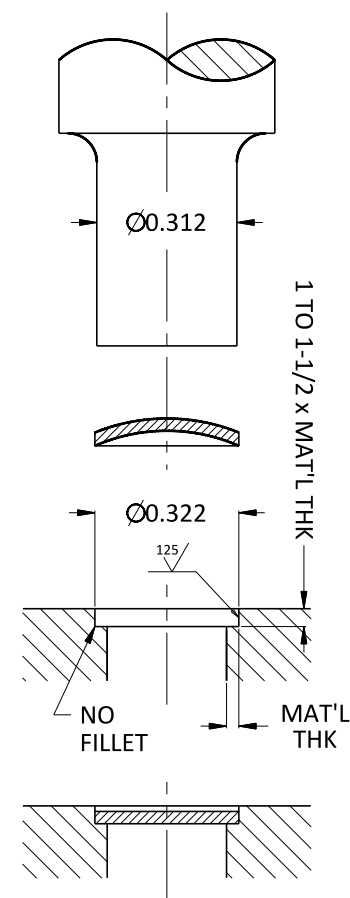




INSTALLATION RECOMMENDATIONS NO SCALE



M.D. Hubbard Spring Company

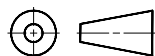
Engineers and Manufacturers Since 1905
<https://www.hubbardspring.com> OXFORD, MI - USA



SCALE:

1:1

PROJECTION:



PRODUCT
NAME:

**WELCH PLUG
BLANKED EDGE - ENGLISH**

PART No.:

HP-317

DWG DATE:

JAN 1, 2026

	M A T E R I A L	T H I C K N E S S	P L A I N F I N I S H	E L E C T R O - P L A T E D Z I N C	M E C H A N I C A L - P L A T E D Z I N C
ALUMINUM	ASTM B209 - 1100 H14 TEMPER	0.032 0.064	HP-317-A-32 HP-317-A-64	ASTM B633 SC1 type "V" 0.0002" M in. (72 salt spray hours)	ASTM B695 0.00015" M in. (30 salt spray hours)
BRASS	ASTM B36/B36M - C26000 H02 TEMPER (halfhard)	0.032 0.064	HP-317-B-32 HP-317-B-64		
STEEL	SAE J403 - 1008/1010 COLD ROLLED - ASTM A109 No. 2 TEMPER (halfhard)	0.032 0.039	HP-317-S-32 HP-317-S-39	HP-317-S-32-EZ HP-317-S-39-EZ	HP-317-S-32-MZ HP-317-S-39-MZ
	SAE J403 - 1008/1010 HOT ROLLED "AS ROLLED" TEMPER	0.062	HP-317-S-62	HP-317-S-62-EZ	HP-317-S-62-MZ
STAINLESS STEEL	ASTM A666 - 304 ANNEALED TEMPER	0.032 0.062	HP-317-KS-32 HP-317-KS-62		