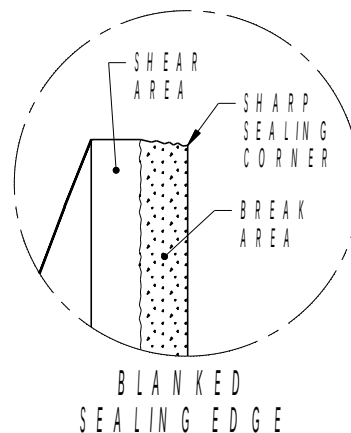
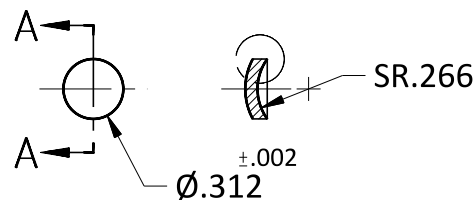
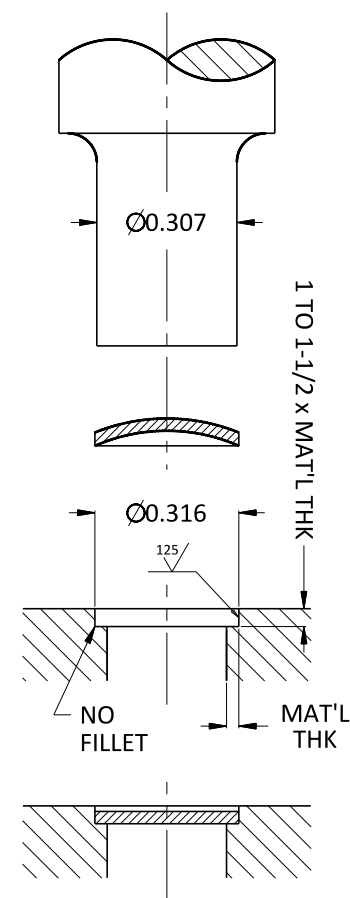




INSTALLATION RECOMMENDATIONS NO SCALE

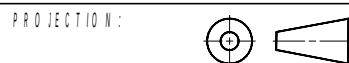


M.D. Hubbard Spring Company

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SCALE: **1:1**



PRODUCT NAME: **WELCH PLUG
BLANKED EDGE - ENGLISH**

PART NO.: **HP-312**

DWG DATE: **JAN 1, 2026**

	MATERIAL	THICKNESS	PLAIN FINISH	ELECTRO-PLATED ZINC	MECHANICAL-PLATED ZINC
ALUMINUM	ASTM B209 - 1100 H14 TEMPER	0.032 0.064	HP-312-A-32 HP-312-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-312-B-32 HP-312-B-64		
STEEL	SAE J403 - 1008/1010 COLD ROLLED - ASTM A109 No. 2 TEMPER (halfhard)	0.032 0.039	HP-312-S-32 HP-312-S-39	HP-312-S-32-EZ HP-312-S-39-EZ	HP-312-S-32-MZ HP-312-S-39-MZ
	SAE J403 - 1008/1010 HOT ROLLED "AS ROLLED" TEMPER	0.062	HP-312-S-62	HP-312-S-62-EZ	HP-312-S-62-MZ
STAINLESS STEEL	ASTM A666 - 304 ANNEALED TEMPER	0.032 0.062	HP-312-KS-32 HP-312-KS-62		