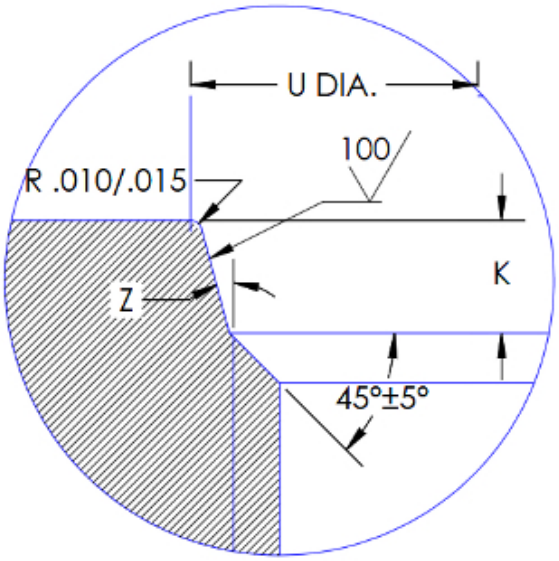

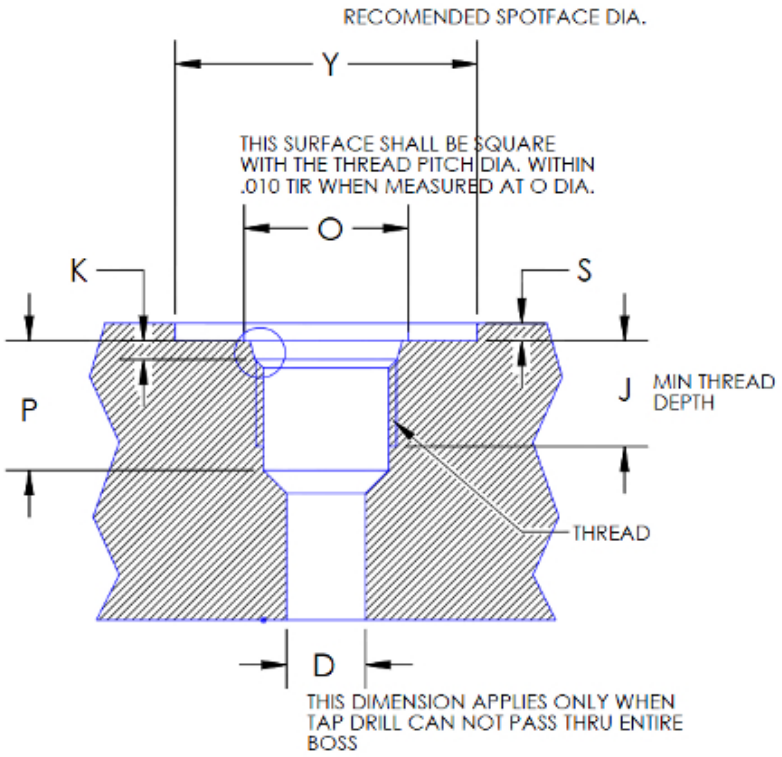

SAEJ1926 PORT REFERENCE DIMENSIONS

(2/12/14)

REF	Nominal Tubing OD		Thread Size SAE J475 (ISO R725)	**D** Min. Dia.	**J** Full Thread Depth, Min.	**K**	**O** Min. Dia.	**P**(4) Min.	**S**(2,3) Max.	**U**(5) Dia.	**Y**(3)	**Z** Angle
	Nominal	Decimal		IN	IN	+.015 -.000	IN	IN	IN	+0.005 -.000	IN	±1 Deg.
A	1/8	0.125	5/16-24 UNF-2B	0.062	0.390	0.074	0.438	0.468	0.062	0.358	0.672	12
B	3/16	0.1875	3/8-24 UNF-2B	0.125	0.390	0.074	0.500	0.468	0.062	0.421	0.750	12
C	1/4	0.250	7/16-20 UNF-2B	0.172	0.454	0.093	0.563	0.547	0.062	0.487	0.828	12
D	5/16	0.3125	1/2-20 UNF-2B	0.234	0.454	0.093	0.625	0.547	0.062	0.55	0.906	12
E	3/8	0.375	9/16-18 UNF-2B	0.297	0.500	0.097	0.688	0.609	0.062	0.616	0.969	12
F	1/2	0.500	3/4-16 UNF-2B	0.391	0.562	0.100	0.875	0.688	0.094	0.811	1.188	15
G	5/8	0.625	7/8-14 UNF-2B	0.484	0.656	0.100	1.000	0.781	0.094	0.942	1.344	15
H	3/4	0.750	1-1/16-12 UNF-2B	0.609	0.750	0.130	1.250	0.906	0.094	1.148	1.625	15
I	7/8	0.875	1-3/16-12 UNF-2B	0.719	0.750	0.130	1.375	0.906	0.094	1.273	1.765	15
J	1	1.000	1-5/16-12 UNF-2B	0.844	0.750	0.130	1.500	0.906	0.125	1.398	1.910	15
K	1-1/4	1.250	1-5/8-12 UNF-2B	1.078	0.750	0.132	1.875	0.906	0.125	1.713	2.270	15
L	1-1/2	1.500	1-7/8-12 UNF-2B	1.312	0.750	0.132	2.125	0.906	0.125	1.962	2.560	15
M	2	2.000	2-1/2-12 UNF-2B	1.781	0.750	0.132	2.750	0.906	0.125	2.587	3.480	15

. Diameter U shall be concentric with thread pitch diameter within 0.005" TIR, and shall be free from longitudinal and spiral tool marks. Annular tool marks up to marks up to 100 µin (2.5 µm max shall be permissible).
. Maximum recommended spotface depth to permit sufficient wrench grip for proper tightening of the fitting or locknut.
. If face of boss is on a machined surface, dimensions Y and S need not apply.
. Tap drill depths given require use of bottoming taps to produce the specified full thread lengths. Where standard taps are used, the tap drill depths must be increased accordingly.
. Nominal tubing OD is shown for the standard in sizes. Figures are for reference only, as any boss can be used for a tubing size depending upon other design criteria.

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