

Standard Metal Housings

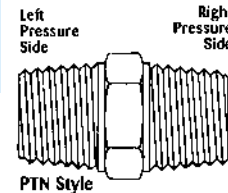
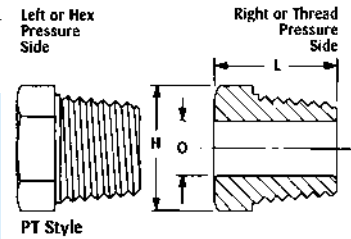
(Shown without wires, pins, or epoxy seal)

PIPE THREAD (NPT)

10⁻⁶ Torr (mbar) to +3,000 psi (+200 bar)

PAVE Part No.	Thread Size inch	I.D. "O"		PT Length "L"		PTN Length "L"		Hex Max Size "H"	
		inch	mm	inch	mm	inch	mm	inch	mm
PT 1	1/16	.10	2,54	.53	13,46	1.06	26,92	.38	9,65
PT 2	1/8	.20	5,08	1.06	26,92	1.06	26,92	.50	12,70
PT4	1/4	.40	10,16	.84	21,34	1.45	36,83	.71	18,03
PT6	3/8	.50	12,70	.84	21,34	1.45	36,83	.85	21,59
PT8	1/2	.60	15,24	1.10	27,94	1.89	48,01	1.00	25,40
PT12	3/4	.70	17,78	1.17	29,72	1.97	50,04	1.30	33,02
PT16	1	.90	22,86	1.36	34,54	2.34	59,44	1.60	40,64
PT24	1 1/2	1.50	38,10	1.62	41,15	2.61	66,29	2.30	58,42

Available in 300 Series Stainless (SS), Brass (B), Galvanized Steel (PS), or Aluminum (AL). Other sizes available.

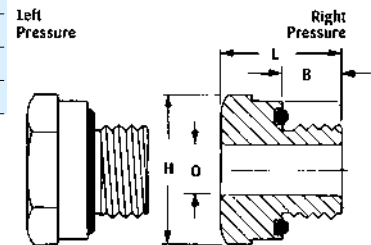
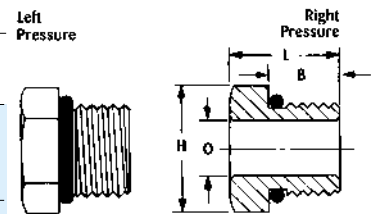


SAE STRAIGHT THREAD O-RING (UNF-2A THREADS)

10⁻⁶ Torr (mbar) to +4,000 psi (+300 bar)

"L" version rated to +15,000 psi (+1,000 bar)†

PAVE Part No.	Thread Size inch	I.D. "O"		Length "L"		Parker O-Ring Size	"B"		Hex Max Size "H"	
		inch	mm	inch	mm		inch	mm	inch	mm
S08	1/2-20	.30	7,62	.67	17,02	3-5	.36	9,14	.71	18,03
†S08L	1/2-20	.30	7,62	1.50	38,10	3-5	.36	9,14	.71	18,03
S012	3/4-16	.50	12,70	.80	20,32	3-8	.44	11,18	1.00	25,40
†S012L	3/4-16	.50	12,70	1.25	31,75	3-8	.44	11,18	1.00	25,40
S016	1 1/16-12	.75	19,05	1.09	27,69	3-12	.59	14,99	1.44	36,58
†S016L	1 1/16-12	.75	19,05	1.50	38,10	3-12	.59	14,99	1.44	36,58
S022	1 5/8-12	1.32	33,53	2.00	50,80	3-20	.63	16,00	2.15	54,61
S026	1 7/8-12	1.50	38,10	2.12	53,85	3-24	.59	14,99	2.45	62,23



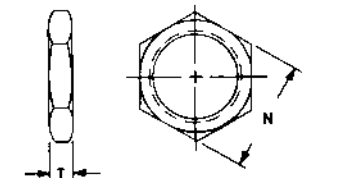
VACUUM SEAL AND JAM NUT (UN-2A THREADS)

10⁻⁸ Torr (mbar) to 1,000 psi (+70 bar)

Thru hole diameter is +.010, -.000 in (+0,254 mm) thread size.

PAVE Part No.	Thread Size inch	I.D. "O"		Length "L"		O-Ring Size	"B"		Hex Max Size "H"	
		inch	mm	inch	mm		inch	mm	inch	mm
VS8	1/2-20	.30	7,62	.90	22,86	-112	.44	11,18	.96	24,38
VS12L	3/4-16	.50	12,70	1.48	37,59	-116	1.03	26,16	1.25	31,75
VS15L	1 -14	.75	19,05	1.88	47,75	-215	1.25	31,75	1.73	43,94
VS18	1 1/4-12	.98	24,89	1.88	47,75	-219	1.25	31,75	1.91	48,51
VS22	1 5/8-12	1.32	33,53	2.00	50,80	-224	1.25	31,75	2.59	65,79
VS26	1 7/8-12	1.50	38,10	2.12	53,85	-226	1.25	31,75	2.88	73,15
VS32	2 1/2-12	2.25	57,15	2.25	57,15	-231	1.25	31,75	3.25	82,55

Available in 300 Series Stainless Steel (SS) or Molded Epoxy (E). Fluorocarbon O-ring and Stainless Jam Nut are supplied. Helium leak rates between 10⁻⁷ and 10⁻¹⁰ cc/sec @1 atmosphere. May also be used in tapped countersunk ports without jam nut. Confirm all pressure ratings and direction. Recommend O-ring on positive pressure side with a minimum 32 RMS sealing surface finish.



VS	8	12	15	18	22	26	32
T(in)	.25	.31	.32	.36	.39	.41	.41
T(mm)	6.4	7.9	8.1	9.1	9.9	10	10
N(in)	.38	.88	1.38	1.5	2.0	2.2	3.0
N(mm)	17.5	22.2	34.9	38.1	50.8	57.2	76.2

Tighten nut to 20 ft-lbs max to avoid damage.

CONFLAT® STYLE FLANGE

10⁻⁸ Torr (mbar) to 150 psi (+10 bar)

PAVE Part No.	Bolt Circle		I.D. "O"		Length "L"		Bolt Holes No.	Bolt Holes Diameter		Flange O.D.	
	inch	mm	inch	mm	inch	mm		inch	mm	inch	mm
CF133	1.060	26,92	.56	14,22	1.50	38,10	6	.172	4,37	1 1/3	33,87
CF275	2.312	58,72	1.37	34,80	2.46	62,48	6	.265	6,73	2 3/4	69,85
CF450	3.628	92,15	1.87	47,50	4.12	104,65	8	.332	8,43	4 1/2	114,3

Available in 304 Stainless Steel (SS) with OFHC Copper or Fluorocarbon gaskets. Helium leak rates between 10⁻⁷ and 10⁻¹⁰ cc/sec @1 atmosphere. ASA, ISO, and ISO-KF flange and weldable versions are also available in various sizes. Check with factory.

