TABLE OF CONTENTS
VISUAL INDEX
FAQs
GEN TECH

BSPP Diagnostic Pressure Gauge Adapters

Parker's BSPP direct-connect pressure gauge adapters are available in the most common tube/hose connections — O-ring face seal, 37° Flare (JIC) and 24° Metric Flareless (DIN 2353). European pressure gauges often utilize BSPP threads on the pressure gauges (manometers). Sealing is achieved at the bottom of the port with a sealing washer as shown in Fig. L4.

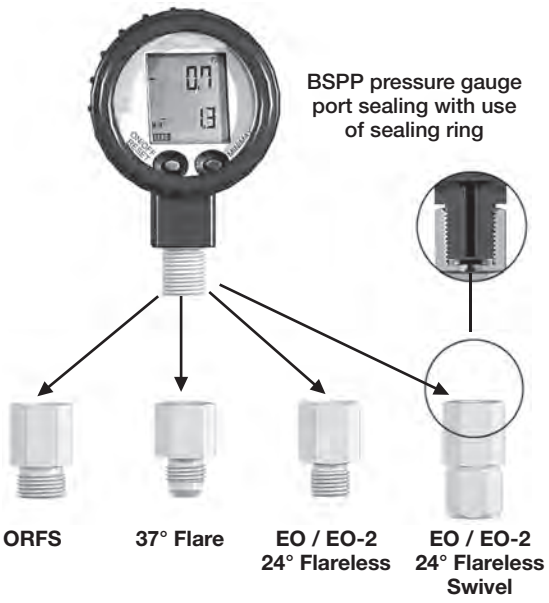
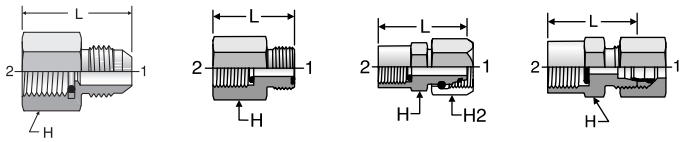


Fig. L4 — BSPP pressure gauge connections

BSPP Pressure Gauge Adapters



G4MXSMO (Type A) | **G4MLOSMO** (Type B) | **MAVE** (Type C) | **MAV** (Type D)

TUBE FITTING PART #	TYPE	END SIZE 1 (in.)	END SIZE 2 BSPP	L (mm)	H BODY HEX (mm)	H2 NUT HEX (mm)	Pressure (x 1,000 PSI) Dynamic S
4-4G4MXSMO	A	1/4	1/4-19	31.0	17	—	5.0
6G4MXSMO	A	3/8	1/4-19	28.0	17	—	5.0
8-4G4MXSMO	A	1/2	1/4-19	31.0	19	—	5.0
4-4G4MLOSMO	B	1/4	1/4-19	26.8	17	—	5.0
6G4MLOSMO	B	3/8	1/4-19	28.2	19	—	5.0
8-4G4MLOSMO	B	1/2	1/4-19	29.8	22	—	5.0
		1 (mm)	2 BSPP				Dynamic CF
MAVE06LR	C	6	1/4-19	35.5	19	14	4.6
MAVE08LR	C	8	1/4-19	35.5	19	17	4.6
MAVE10LR	C	10	1/4-19	36.0	19	19	4.6
MAVE06SR	C	6	1/2-14	42.5	27	17	9.1
MAVE08SR	C	8	1/2-14	43.0	27	19	9.1
MAVE10SR	C	10	1/2-14	43.5	27	22	9.1
MAVE12SR	C	12	1/2-14	45.0	27	24	9.1
MAVE06SR1/4	C	6	1/4-19	35.5	19	17	9.1
MAVE08SR1/4	C	8	1/4-19	35.5	19	19	9.1
MAVE10SR1/4	C	10	1/4-19	39.0	19	22	9.1
MAVE12SR1/4	C	12	1/4-19	39.0	19	24	9.1
MAV04LLR	D	4	1/4-19	33.0	19	10	1.4
MAV06LR	D	6	1/4-19	37.0	19	14	4.5
MAV08LR	D	8	1/4-19	37.0	19	17	4.5
MAV10LR	D	10	1/4-19	38.0	19	19	4.5
MAV12LR	D	12	1/4-19	38.0	19	22	4.5
MAV06SR	D	6	1/2-14	46.0	27	17	9.1
MAV08SR	D	8	1/2-14	46.0	27	19	9.1
MAV10SR	D	10	1/2-14	47.0	27	22	9.1
MAV12SR	D	12	1/2-14	47.0	27	24	9.1

Note: MAV supplied as standard with PSR +M nut (EO assembled)

* BSPP Pressure Gauge Connection requires seal. 1/4" replacement seal P/N: M25180.

** BSPP Pressure Gauge Connection requires seal. 1/4" replacement seal P/N: DKI1/4CFX, 1/2" replacement seal P/N: DKI1/2CFX.

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Dimensions and pressures for reference only, subject to change.

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