



FLANGE FITTINGS

HYDRAULIC FLANGES, ADAPTERS & ACCESSORIES





FLANGE FITTINGS

Available in both forged and one-piece swept configurations, Brennan Industries now manufactures a full line of flange adapters for use with Brennan's expanded split and 4-bolt flange product line.

Made to endure extremely high working pressures and tensile strength, Brennan flange adapters are designed to perform in a variety of clearance applications.

Brennan flange adapters are available in connection sizes ranging from 1/2" to 4".

Contact a Brennan representative to learn more: (888) 331-1523.

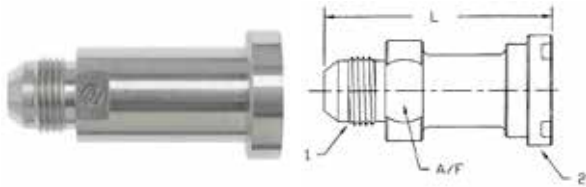
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STRAIGHTS

1700 MJ-FLANGE STRAIGHT CODE 61



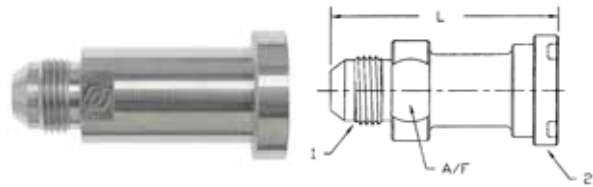
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L (in.)	A/F (in.)
1700-08-08	1/2	3/4-16	1/2	2.600	1.000
1700-08-12	1/2	3/4-16	3/4	2.750	1.125
1700-10-10	5/8	7/8-14	5/8	3.69	.9375
1700-12-10	3/4	1 1/16-12	5/8	2.55	1.125
1700-12-12	3/4	1 1/16-12	3/4	2.750	1.375
1700-12-16	3/4	1 1/16-12	1	2.800	1.250
1700-12-20	3/4	1 1/16-12	1-1/4	2.800	1.688
1700-12-24	3/4	1 1/16-12	1-1/2	2.80	1.50
1700-16-12	1	1-5/16-12	3/4	2.750	1.375
1700-16-16	1	1-5/16-12	1	2.800	1.625
1700-16-20	1	1-5/16-12	1 1/4	2.800	1.375
1700-16-24	1	1-5/16-12	1 1/2	2.800	1.687
1700-20-16	1 1/4	1-5/8-12	1	2.800	1.625
1700-20-20	1 1/4	1-5/8-12	1 1/4	2.80	1 11/16
1700-20-24	1 1/4	1-5/8-12	1 1/2	3.375	2.125
1700-20-32	1 1/4	1-5/8-12	2	3.50	1 11/16
1700-24-16	1-1/2	1-7/8-12	1	3.130	1.875
1700-24-20	1 1/2	1-7/8-12	1 1/4	3.40	2
1700-24-24	1 1/2	1-7/8-12	1 1/2	3.50	2
1700-24-32	1 1/2	1-7/8-12	2	3.730	2.000
1700-24-40	1 1/2	2 7/8-12	2 1/2	3.97	
1700-32-24	2	2 1/2-12	1 1/2	4.20	2.622
1700-32-32	2	2 1/2-12	2	3.980	2.625
1700-32-40	2	2 1/2-12	2 1/2	3.638	2.750
1700-40-40	2 1/2	3-12	2 1/2	4.209	3.250

1710 MB-FLANGE STRAIGHT



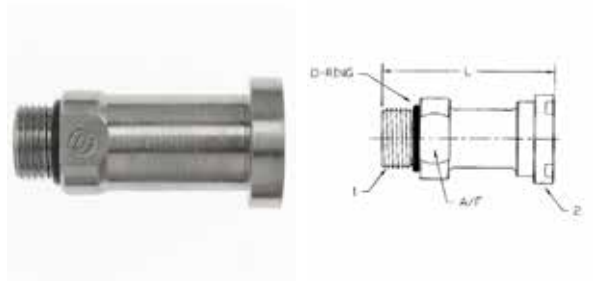
PART NO.	TUBE O.D.	THREAD	FLANGE	L LGTH	A/F
1710-08-08	1/2	3/4-16 UNF	1/2	2.490	0.875
1710-12-12	3/4	1 1/16-12 UN	3/4	2.610	1.250
1710-16-16	1	1-5/16-12 UN	1	2.61	1 1/2
1710-20-20	1 1/4	1-5/8-12 UN	1 1/4	3.13	1 7/8
1710-24-24	1 1/2	1-7/8-12 UN	1 1/2	3.140	2.125
1710-32-32	2	2 1/2-12	2	3.630	2.750

1800 MJ-FLANGE STRAIGHT CODE 62



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L (in.)	A/F (in.)
1800-08-08	1/2	3/4-16	1/2	2.610	0.812
1800-08-12	1/2	3/4-16	3/4	2.75	1.125
1800-12-12	3/4	1-1/16-12	3/4	2.750	1.375
1800-12-16	3/4	1-1/16-12	1	2.800	1.625
1800-12-20	3/4	1-1/16-12	1-1/4	3.050	1.500
1800-16-12	1	1-5/16-12 UN	3/4	2.75	1 3/8
1800-16-16	1	1-5/16-12	1	2.800	1.375
1800-16-20	1	1-5/16-12 UN	1 1/4	3.05	1 3/8
1800-16-24	1	1-5/16-12	1-1/2	3.330	1.688
1800-20-16	1-1/4	1-5/8-12	1	2.800	1.625
1800-20-20	1-1/4	1-5/8-12	1 1/4	3.050	1.750
1800-20-24	1-1/4	1-5/8-12	1-1/2	3.500	2.125
1800-24-20	1-1/2	1-7/8-12	1-1/4	3.300	1.875
1800-24-24	1-1/2	1-7/8-12	1-1/2	3.500	2.125
1800-24-32	1-1/2	1-7/8-12	2	3.980	2.625
1800-32-24	2	2-1/2-12	1-1/2	4.940	2.625
1800-32-32	2	2-1/2-12	2	4.230	2.625

1810 MB-FLANGE STRAIGHT CODE 62



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	A/F (in.)
1810-08-08	1/2	3/4-16 UNF	1/2	2.50	7/8
1810-12-12	3/4	1-1/16-12	3/4	2.620	1.375
1810-16-16	1	1-5/16-12	1	2.625	1.625
1810-20-20	1 1/4	1-5/8-12 UN	1 1/4	3.00	1 7/8
1810-24-24	1 1/2	1-7/8-12 UN	1 1/2	3.40	2 1/8
1810-32-32	2	2 1/2-12 UN	2	3.75	2 3/4

FS1700 MFS-FLANGE STRAIGHT - CODE 61



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L (in.)	A/F (in.)
FS1700-08-08	1/2	13/16-16 UN	1/2	2.450	1.125
FS1700-12-12	3/4	1-3/16-12	3/4	2.750	1.375
FS1700-12-16	3/4	1-3/16-12	1	2.800	1.250
FS1700-16-12	1	1-7/16-12	3/4	2.750	1.625
FS1700-16-16	1	1-7/16-12	1	2.800	1.500
FS1700-16-20	1	1-7/16-12	1 1/4	2.800	1.688
FS1700-20-16	1 1/4	1-11/16-12	1	2.800	1.875
FS1700-20-20	1 1/4	1-11/16-12	1 1/4	2.800	1.875
FS1700-20-24	1 1/4	1-11/16-12	1 1/2	3.500	2.000
FS1700-24-20	1 1/2	2-12	1 1/4	3.200	2.125
FS1700-24-24	1 1/2	2-12	1 1/2	3.500	2.125
FS1700-24-32	1 1/2	2-12	2	3.330	2.125

FS1800 MFS-FLANGE STRT CODE 62



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L (in.)	A/F (in.)
FS1800-08-08	1/2	13/16-16	1/2	2.580	0.875
FS1800-12-12	3/4	1-3/16-12	3/4	2.750	1.375
FS1800-12-16	3/4	1-3/16-12	1	2.800	1.625
FS1800-16-12	1	1-7/16-12	3/4	2.750	1.625
FS1800-16-16	1	1-7/16-12	1	3.360	1.500
FS1800-16-20	1	1-7/16-12	1 1/4	3.050	1.500
FS1800-20-16	1 1/4	1-11/16-12	1	3.200	1.750
FS1800-20-20	1 1/4	1-11/16-12	1 1/4	3.050	1.875
FS1800-20-24	1 1/4	1-11/16-12	1 1/2	3.500	2.125
FS1800-24-20	1 1/2	2-12	1 1/4	3.300	2.125
FS1800-24-24	1 1/2	2-12	1 1/2	3.500	2.125
FS1800-24-32	1 1/2	2-12	2	3.580	2.125

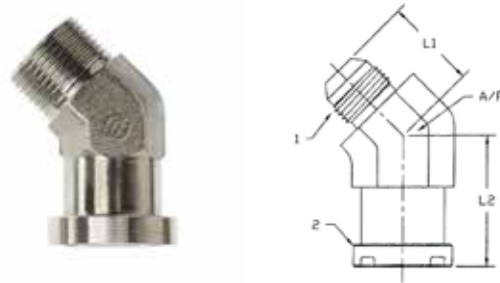
ELBOWS

1703 MJ-FLANGE 45 DEG ELBOW CODE 61



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1703-08-08	1/2	3/4-16 UNF	1/2	2.72	0.91	7/8
1703-08-12	1/2	3/4-16 UNF	3/4	2.72	0.94	7/8
1703-12-12	3/4	1 1/16-12 UN	3/4	3.15	1.02	1 1/8
1703-12-16	3/4	1 1/16-12 UN	1	3.15	1.02	1 1/8
1703-12-20	3/4	1 1/16-12 UN	1 1/4	3.15	1.02	1 1/8
1703-16-12	1	1 5/16-12 UN	3/4	3.66	1.18	1 3/8
1703-16-16	1	1 5/16-12 UN	1	3.66	1.18	1 3/8
1703-16-20	1	1 5/16-12 UN	1 1/4	3.66	1.18	1 3/8
1703-16-24	1	1 5/16-12 UN	1 1/2	3.74	1.26	1 3/8
1703-20-12	1 1/4	1 5/8-12 UN	3/4	3.78	1.18	1 11/16
1703-20-16	1 1/4	1 5/8-12 UN	1	3.86	1.22	1 11/16
1703-20-20	1 1/4	1 5/8-12 UN	1 1/4	4.21	1.38	1 11/16
1703-20-24	1 1/4	1 5/8-12 UN	1 1/2	4.25	1.42	1 11/16
1703-24-16	1 1/2	1 7/8-12	1	4.165	1.200	2.00
1703-24-20	1 1/2	1 7/8-12 UN	1 1/4	4.70	1.46	2
1703-24-24	1 1/2	1 7/8-12 UN	1 1/2	4.96	1.69	2
1703-24-32	1 1/2	1 7/8-12 UN	2	5.12	1.81	2
1703-32-32	2	2 1/2-12 UN	2	6.22	2.17	2 3/4

1703-FG MJ-FLANGE 45 DEG CODE 61



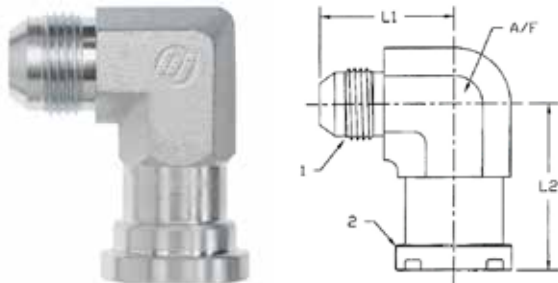
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1703-12-12-FG	3/4	1 1/16-12 UN	3/4	1.280	1.580	1.0625
1703-16-16-FG	1	1 5/16-12 UN	1	1.470	1.850	1.3125
1703-20-20-FG	1 1/4	1 5/8-12 UN	1 1/4	1.590	2.040	1.625
1703-24-24-FG	1 1/2	1 7/8-12 UN	1 1/2	1.78	2.38	1 7/8
1703-32-32-FG	2	2 1/2-12 UN	2	2.220	3.000	2.500

1704 MJ-FLANGE 90 DEG CODE 61



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1704-08-08	1/2	3/4-16 UNF	1/2	2.32	1.81	7/8
1704-08-12	1/2	3/4-16 UNF	3/4	2.32	1.85	7/8
1704-10-10	5/8	7/8-14	5/8	2.729	2.114	.9375
1704-12-10	3/4	1-1/16-12 UN	5/8	2.850	1.910	1.125
1704-12-12	3/4	1-1/16-12 UN	3/4	2.83	2.13	1-1/8
1704-12-16	3/4	1-1/16-12 UN	1	2.83	2.13	1-1/8
1704-12-20	3/4	1-1/16-12 UN	1-1/4	2.83	2.13	1-1/8
1704-12-24	3/4	1-1/16-12	1-1/2	2.901	2.458	1.125
1704-16-12	1	1-5/16-12 UN	3/4	2.95	2.13	1-3/8
1704-16-16	1	1-5/16-12 UN	1	3.39	2.60	1-3/8
1704-16-20	1	1-5/16-12 UN	1-1/4	3.39	2.60	1-3/8
1704-16-24	1	1-5/16-12 UN	1-1/2	3.39	2.66	1-3/8
1704-20-12	1-1/4	1-5/8-12	3/4	3.052	2.26	1.6875
1704-20-16	1-1/4	1-5/8-12 UN	1	3.54	2.60	1-11/16
1704-20-20	1-1/4	1-5/8-12 UN	1-1/4	3.98	3.03	1-11/16
1704-20-24	1-1/4	1-5/8-12 UN	1-1/2	3.98	3.11	1-11/16
1704-20-32	1-1/4	1-5/8-12	2	3.976	3.504	1.688
1704-24-16	1-1/2	1-7/8-12	1	4.039	2.849	2.000
1704-24-20	1-1/2	1-7/8-12 UN	1-1/4	4.21	3.03	2
1704-24-24	1-1/2	1-7/8-12 UN	1-1/2	4.57	3.66	2
1704-24-32	1-1/2	1-7/8-12 UN	2	4.57	3.86	2
1704-32-24	2	2-1/2-12 UN	1-1/2	5.04	3.66	2 3/4
1704-32-32	2	2-1/2-12 UN	2	5.79	4.84	2 3/4

1704-FG MJ-FLANGE 90 DEG CODE 61



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1704-08-08-FG	1/2	3/4-16 UNF	1/2	1.460	2.050	0.875
1704-08-12-FG	1/2	3/4-16	3/4	1.660	2.130	1.062
1704-08-24-FG	1/2	3/4-16 UNF	1-1/2	2.319	3.134	1.9218
1704-12-12-FG	3/4	1-1/16-12 UN	3/4	1.660	2.130	1.0625
1704-12-16-FG	3/4	1-1/16-12 UN	1	1.81	2.37	1-5/16
1704-12-20-FG	3/4	1-1/16-12 UN	1-1/4	2.06	2.62	1.625
1704-12-24-FG	3/4	1-1/16-12 UN	1-1/2	2.20	3.15	1-5/8
1704-16-12-FG	1	1-5/16-12	3/4	1.660	2.130	1.062
1704-16-16-FG	1	1-5/16-12 UN	1	1.811	2.370	1.3125
1704-16-20-FG	1	1-5/16-12 UN	1-1/4	2.060	2.620	1.625
1704-20-16-FG	1-1/4	1-5/8-12	1	1.810	2.370	1.312
1704-20-20-FG	1-1/4	1-5/8-12	1-1/4	2.060	2.620	1.625

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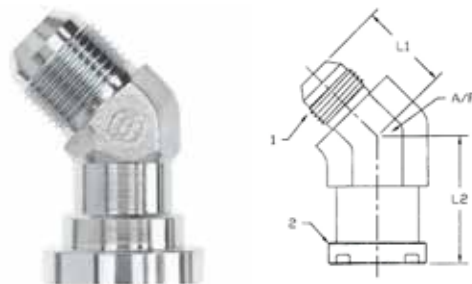
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1704-20-24-FG	1-1/4	1-5/8-12 UN	1-1/2	2.330	3.150	1.875
1704-24-20-FG	1-1/2	1-7/8-12	1-1/4	2.060	2.620	1.625
1704-24-24-FG	1-1/2	1-7/8-12	1-1/2	2.330	3.150	1.875
1704-24-32-FG	1-1/2	1-7/8-12 UN	2	3.060	4.250	2.500
1704-32-24-FG	2	2-1/2-12	1-1/2	3.060	4.250	2.500
1704-32-32-FG	2	2-1/2-12 UN	2	3.06	4.25	2.500

1803 MJ-FLANGE 45 DEG CODE 62



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1803-08-08	1/2	3/4-16 UNF	1/2	2.76	0.94	7/8
1803-12-12	3/4	1-1/16-12 UN	3/4	3.31	1.14	1-1/8
1803-12-16	3/4	1-1/16-12 UN	1	3.35	1.22	1-1/8
1803-12-20	3/4	1-1/16-12	1-1/4	3.75	1.62	1.125
1803-16-12	1	1-5/16-12 UN	3/4	3.46	1.18	1-3/8
1803-16-16	1	1-5/16-12 UN	1	3.86	1.38	1-3/8
1803-16-20	1	1-5/16-12 UN	1-1/4	3.98	1.50	1-3/8
1803-16-24	1	1-5/16-12 UN	1-1/2	4.13	1.61	1-3/8
1803-20-12	1-1/4	1-5/8-12 UN	3/4	4.13	1.42	1-1/2
1803-20-16	1-1/4	1-5/8-12 UN	1	4.13	1.42	1-11/16
1803-20-20	1-1/4	1-5/8-12 UN	1-1/4	4.53	1.65	1-11/16
1803-20-24	1-1/4	1-5/8-12 UN	1-1/2	4.65	1.81	1-11/16
1803-24-20	1-1/2	1-7/8-12	1-1/4	4.875	1.400	2.000
1803-24-24	1-1/2	1-7/8-12 UN	1-1/2	5.16	1.93	2
1803-32-32	2	2-1/2-12 UN	2	6.54	2.48	2 3/4

1803-FG MJ-FLANGE 45 DEG CODE 62



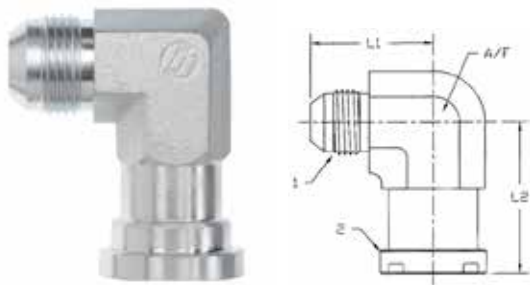
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1803-12-12-FG	3/4	1-1/16-12 UN	3/4	1.28	1.58	1-1/16
1803-16-16-FG	1	1-5/16-12	1	1.470	1.850	1.312
1803-20-20-FG	1-1/4	1-5/8-12	1-1/4	1.590	2.040	1.625
1803-20-24-FG	1-1/4	1-5/8-12	1-1/2	4.65	1.81	1-11/16
1803-24-24-FG	1-1/2	1-7/8-12 UN	1-1/2	1.780	2.380	1-7/8

1804 MJ-FLANGE 90 DEG CODE 62



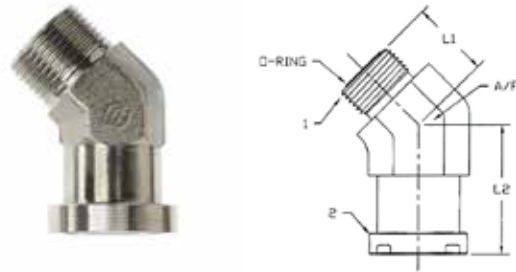
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1804-08-08	1/2	3/4-16 UNF	1/2	2.32	1.85	7/8
1804-10-10	5/8	7/8-14	5/8	2.610	2.090	1
1804-12-12	3/4	1 1/16-12 UN	3/4	2.83	2.28	1 1/8
1804-12-16	3/4	1 1/16-12 UN	1	2.83	2.40	1 1/8
1804-12-20	3/4	1 1/16-12 UN	1 1/4	2.83	2.76	1 1/8
1804-16-12	1	1 5/16-12 UN	3/4	2.93	2.28	1 3/8
1804-16-16	1	1 5/16-12 UN	1	3.39	2.87	1 3/8
1804-16-20	1	1 5/16-12 UN	1 1/4	3.39	3.03	1 3/8
1804-16-24	1	1 5/16-12 UN	1 1/2	3.39	3.23	1 3/8
1804-20-12	1 1/4	1 5/8-12	3/4	3.22	2.60	2
1804-20-16	1 1/4	1 5/8-12 UN	1	3.54	2.87	1 11/16
1804-20-20	1 1/4	1 5/8-12 UN	1 1/4	3.98	3.46	1 11/16
1804-20-24	1 1/4	1 5/8-12 UN	1 1/2	3.98	3.66	1 11/16
1804-24-16	1 1/2	1 7/8-12 UN	1	3.94	2.87	2
1804-24-20	1 1/2	1 7/8-12 UN	1 1/4	4.33	3.46	2
1804-24-24	1 1/2	1 7/8-12 UN	1 1/2	4.57	4.02	2
1804-24-32	1 1/2	1 7/8-12	2	4.833	4.303	2.000
1804-32-32	2	2 1/2-12 UN	2	5.79	5.31	2 3/4

1804-FG MJ-FLANGE 90 DEG CODE 62



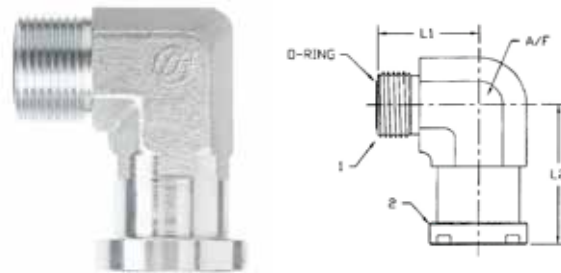
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
1804-08-08-FG	1/2	3/4-16	1/2	1.520	2.050	0.875
1804-08-12-FG	1/2	3/4-16	3/4	1.660	2.130	1.062
1804-12-12-FG	3/4	1 1/16-12	3/4	1.660	2.130	1.062
1804-12-16-FG	3/4	1 1/16-12	1	2.060	2.430	1.312
1804-16-12-FG	1	1 5/16-12	3/4	1.660	2.130	1.062
1804-16-16-FG	1	1 5/16-12	1	1.810	2.370	1.312
1804-16-20-FG	1	1 5/16-12 UN	1 1/4	2.06	2.76	1 5/16
1804-20-16-FG	1 1/4	1 5/8-12	1	1.810	2.370	1.625
1804-20-20-FG	1 1/4	1 5/8-12	1 1/4	2.060	2.760	1.625
1804-20-24-FG	1 1/4	1 5/8-12 UN	1 1/2	2.33	3.15	1 7/8
1804-24-20-FG	1 1/2	1 7/8-12 UN	1 1/4	2.19	2.76	1 5/8
1804-24-24-FG	1 1/2	1 7/8-12	1 1/2	2.330	3.150	1.875
1804-24-32-FG	1 1/2	1 7/8-12	2	3.060	4.250	2.500
1804-32-24-FG	2	2 1/2-12	1 1/2	3.060	4.250	2.625
1804-32-32-FG	2	2 1/2-12	2	3.060	4.250	2.500

FS1703-FG MJ-FLANGE 45 DEG CODE 61



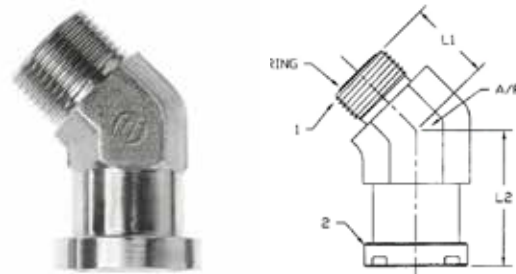
PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
FS1703-12-12-FG	3/4	1-3/16-12	3/4	1.280	1.580	1.062
FS1703-12-16-FG	3/4	1-3/16-12	1	1.470	1.850	1.311
FS1703-16-16-FG	1	1-7/16-12	1	1.470	1.850	1.311
FS1703-20-20-FG	1 1/4	1 11/16-12	1 1/4	1.590	2.040	1.625
FS1703-24-24-FG	1 1/2	2-12	1 1/2	1.780	2.380	1.875

FS1704-FG MFS-FLANGE 90 DEG CODE 61



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
FS1704-12-12-FG	3/4	1-3/16-12	3/4	1.660	2.130	1.062
FS1704-12-16-FG	3/4	1-3/16-12	1	1.810	2.370	1.438
FS1704-16-12-FG	1	1-7/16-12	3/4	1.660	2.130	1.062
FS1704-16-12-FG-BB	1	1-7/16-12	3/4	1.660	2.130	1.438
FS1704-16-16-FG	1	1-7/16-12	1	1.810	2.370	1.312
FS1704-16-20-FG	1	1-7/16-12	1 1/4	2.060	2.620	1.625
FS1704-20-16-FG	1 1/4	1 11/16-12	1	1.810	2.370	1.311
FS1704-20-20-FG	1 1/4	1 11/16-12	1 1/4	2.060	2.620	1.625
FS1704-20-24-FG	1 1/4	1 11/16-12	1 1/2	2.330	3.150	1.625
FS1704-24-20-FG	1 1/2	2-12	1 1/4	2.060	2.620	1.625
FS1704-24-24-FG	1 1/2	2-12	1 1/2	2.330	3.150	1.875

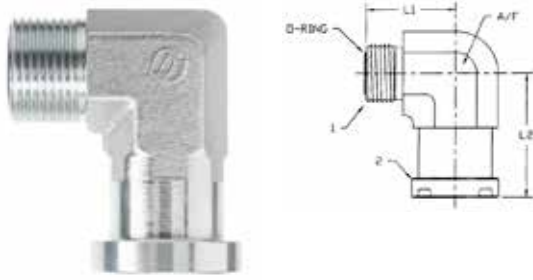
FS1803-FG MJ-FLANGE 45 DEG CODE 62



PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
FS1803-12-12-FG	3/4	1-3/16-12	3/4	1.280	1.850	1.312
FS1803-16-16-FG	1	1-7/16-12	1	1.470	1.850	1.312
FS1803-20-20-FG	1 1/4	1 11/16-12	1 1/4	1.590	2.040	1.625
FS1803-24-24-FG	1 1/2	2-12	1 1/2	1.780	2.380	1.875

FS1804-FG

MFS-FLANGE 90 DEG CODE 62

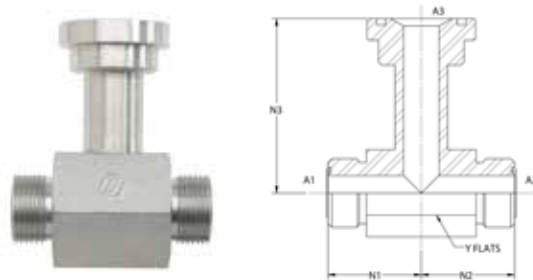


PART NO.	TUBE O.D.	1 THREAD	2 FLANGE	L1 (in.)	L2 (in.)	A/F (in.)
FS1804-12-12-FG	3/4	1-3/16-12	3/4	1.660	2.130	1.062
FS1804-12-16-FG	3/4	1-3/16-12	1	1.810	2.370	1.312
FS1804-16-12-FG	1	1-7/16-12	3/4	1.660	2.130	1.062
FS1804-16-12-FG-BB	1	1-7/16-12	3/4	1.660	2.130	1.062
FS1804-16-16-FG	1	1-7/16-12	1	1.810	2.370	1.312
FS1804-16-20-FG	1	1-7/16-12 UN	1 1/4	2.100	2.760	1.625
FS1804-20-16-FG	1-1/4	1-11/16-12	1	1.810	2.370	1.312
FS1804-20-20-FG	1-1/4	1-11/16-12	1-1/4	2.060	2.750	1.625
FS1804-20-24-FG	1-1/4	1-11/16-12	1-1/2	2.330	3.150	1.875
FS1804-24-20-FG	1-1/2	2-12	1-1/4	2.060	2.760	1.875
FS1804-24-24-FG	1-1/2	2-12	1-1/2	2.330	3.150	1.875

TEES

FS1805

MFS-MFS-FLANGE CODE 62

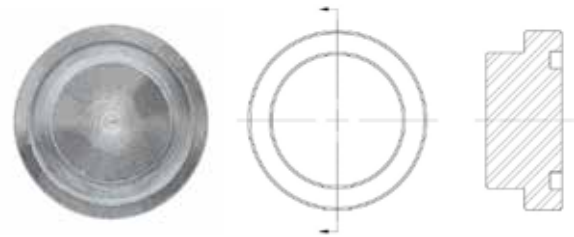


PART NO.	1 THREAD	2 THREAD	FLANGE	L1 LENGTH	L2 LENGTH	L3 LENGTH	A/F
FS1805-12-12-16	1-3/16-12	1-3/16-12	1	1.620	1.620	3.030	1.875

PLUGS

1724

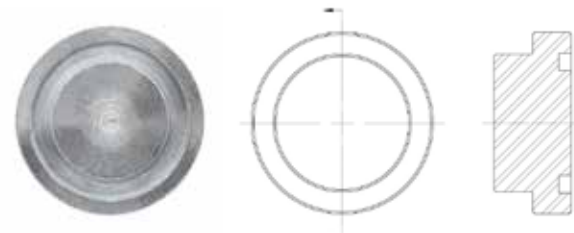
FLANGE PLUGS - CODE 61



PART NO.	Flange
1724-08	1/2
1724-12	3/4
1724-16	1
1724-20	1 1/4
1724-24	1 1/2
1724-32	2
1724-40	2.5
1724-48	3

1824

FLANGE PLUGS - CODE 62

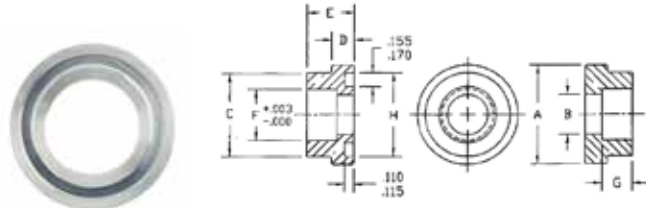


PART NO.	Flange
1824-08	1/2
1824-12	3/4
1824-16	1
1824-20	1-1/4
1824-24	1-1/2
1824-32	2

HEAD CONNECTORS

3300-61

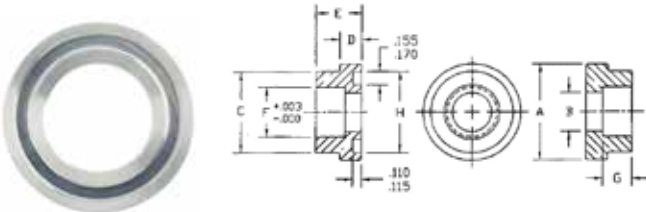
TUBE BRAZE FLANGE HEAD CONNECTOR - CODE 61 (O-RING FACE)



PART NO.	Tube Size	Flange Size	A	B	C	D	E	F	G	H
3300-61-08-08	1/2	1/2	1.188	0.406	1.00	0.265	0.50	0.502	0.312	1.000
3300-61-10-08	5/8	1/2	1.188	0.500	1.00	0.235	0.50	0.625	0.312	1.000
3300-61-12-12	3/4	3/4	1.500	0.656	1.25	0.265	0.56	0.752	0.375	1.250
3300-61-16-12	1	3/4	1.500	0.750	1.25	0.265	0.56	1.002	0.375	1.250
3300-61-16-16	1	1	1.750	0.906	1.50	0.315	0.56	1.002	0.375	1.560
3300-61-20-20	1-1/4	1-1/4	2.000	1.125	1.70	0.315	1.00	1.252	0.375	1.750
3300-61-24-20	1-1/2	1-1/4	2.000	1.250	1.70	0.315	0.56	1.502	0.375	1.750
3300-61-24-24	1-1/2	1-1/2	2.380	1.375	1.98	0.315	0.62	1.502	0.438	2.115
3300-61-28-24	1-3/4	1-1/2	2.380	1.500	1.98	0.315	0.62	1.752	0.438	2.115
3300-61-32-32	2	2	2.810	1.875	2.45	0.315	0.62	2.002	0.500	2.490
3300-61-36-32	2-1/4	2	2.810	2.000	2.45	0.375	0.62	2.252	0.500	2.490
3300-61-40-40	2-1/2	2-1/2	3.312	2.375	2.92	0.375	0.68	2.502	0.500	2.995
3300-61-44-40	2-3/4	2-1/2	3.312	2.500	2.92	0.375	0.68	2.752	0.500	2.995
3300-61-48-48	3	3	4.000	2.875	3.565	0.375	0.75	3.002	0.562	3.615

3300-62

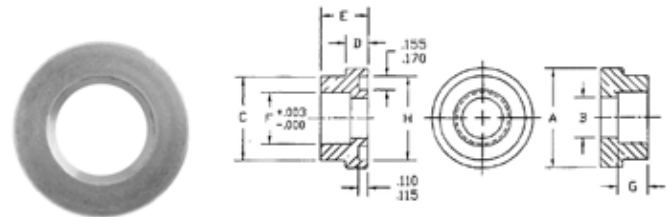
TUBE BRAZE FLANGE HEAD CONNECTOR - CODE 62 (O-RING FACE)



PART NO.	Tube Size	Flange Size	A	B	C	D	E	F	G	H
3300-62-12-12	3/4	3/4	1.625	0.656	1.250	0.345	0.69	0.752	0.500	1.250
3300-62-16-12	1	3/4	1.625	0.750	1.250	0.345	0.69	1.002	0.500	1.250
3300-62-16-16	1	1	1.875	0.810	1.500	0.375	0.81	1.002	0.625	1.560
3300-62-20-16	1-1/4	1	1.875	1.000	1.500	0.375	0.81	1.252	0.625	1.560
3300-62-20-20	1-1/4	1-1/4	2.125	1.010	1.718	0.405	1.00	1.252	0.812	1.750
3300-62-24-20	1-1/2	1-1/4	2.125	1.250	1.718	0.405	1.00	1.502	0.812	1.750
3300-62-24-24	1-1/2	1-1/2	2.500	1.250	2.000	0.495	1.19	1.502	1.000	2.115
3300-62-28-24	1-3/4	1-1/2	2.500	1.500	2.000	0.495	1.19	1.752	1.000	2.115
3300-62-32-32	2	2	3.125	1.750	2.620	0.495	1.50	2.002	1.375	2.490
3300-62-36-32	2-1/4	2	3.125	2.000	2.620	0.495	1.50	2.252	1.312	2.490

3301-61

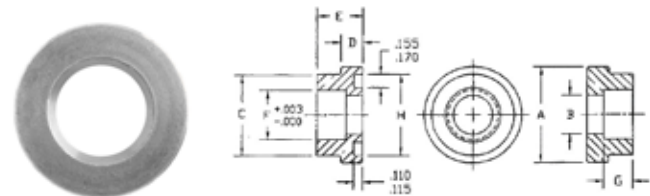
TUBE BRAZE FLANGE HEAD CONNECTOR - CODE 61 (FLAT FACE)



PART NO.	Tube Size	Flange Size	A	B	C	D	E	F	G	H
3301-61-08-08	1/2	1/2	1.188	0.406	1.00	0.265	0.50	0.502	0.312	1.000
3301-61-10-08	5/8	1/2	1.188	0.500	1.00	0.235	0.50	0.625	0.312	1.000
3301-61-12-12	3/4	3/4	1.500	0.656	1.25	0.265	0.56	0.752	0.375	1.250
3301-61-16-12	1	3/4	1.500	0.750	1.25	0.265	0.56	1.002	0.375	1.250
3301-61-16-16	1	1	1.750	0.906	1.500	0.315	0.56	1.002	0.375	1.560
3301-61-20-16	1-1/4	1	1.750	1.000	1.50	0.315	0.56	1.252	0.375	1.560
3301-61-24-20	1-1/2	1-1/4	2.000	1.250	1.70	0.315	0.56	1.502	0.375	1.750
3301-61-28-24	1-3/4	1-1/2	2.380	1.500	1.98	0.315	0.62	1.752	0.438	2.115
3301-61-32-32	2	2	2.810	1.875	2.45	0.315	0.62	2.002	0.500	2.490
3301-61-36-32	2-1/4	2	2.810	2.000	2.45	0.375	0.62	2.252	0.500	2.490
3301-61-40-40	2-1/2	2-1/2	3.312	2.375	2.92	0.375	0.68	2.502	0.500	2.995
3301-61-44-40	2-3/4	2-1/2	3.312	2.500	2.92	0.375	0.68	2.752	0.500	2.995
3301-61-48-48	3	3	4.000	2.875	3.565	0.375	0.75	3.002	0.562	3.615

3301-62

TUBE BRAZE FLANGE HEAD CONNECTOR - CODE 62 (FLAT FACE)

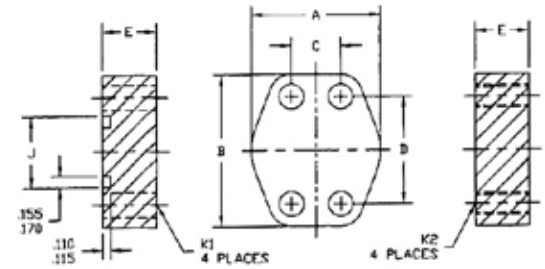


PART NO.	Tube Size	Flange Size	A	B	C	D	E	F	G	H
3301-62-12-12	3/4	3/4	1.625	0.656	1.250	0.345	0.69	0.752	0.500	1.250
3301-62-16-12	1	3/4	1.625	0.750	1.250	0.345	0.69	1.002	0.500	1.250
3301-62-16-16	1	1	1.875	0.810	1.500	0.375	0.81	1.002	0.625	1.560
3301-62-20-16	1-1/4	1	1.875	1.000	1.500	0.375	0.81	1.252	0.625	1.560
3301-62-20-20	1-1/4	1-1/4	2.125	1.010	1.718	0.405	1.00	1.252	0.812	1.750
3301-62-24-20	1-1/2	1-1/4	2.125	1.250	1.718	0.405	1.00	1.502	0.812	1.750
3301-62-24-24	1-1/2	1-1/2	2.500	1.250	2.000	0.495	1.19	1.502	1.000	2.115
3301-62-28-24	1-3/4	1-1/2	2.500	1.500	2.000	0.495	1.19	1.752	1.000	2.115
3301-62-32-32	2	2	3.125	1.750	2.000	0.495	1.50	2.002	1.375	2.490
3301-62-36-32	2-1/4	2	3.125	2.000	2.000	0.495	1.50	2.2252	1.312	2.490

PLUG BLOCKS & PLATES

1942-61

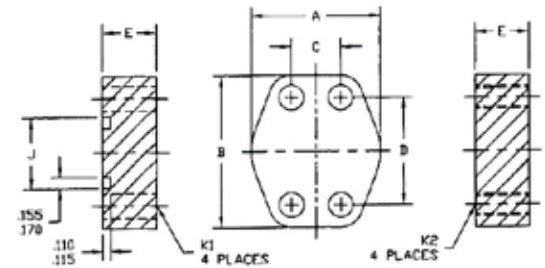
PLUG BLOCK - CODE 61 (O-RING FACE)



PART NO.	Flange Size	A	B	C	D	E	J Min	J Max	K1 Drill	K2 Thread
1942-61-08	1/2	1.813	2.125	0.688	1.500	0.750	1.000	1.005	0.344	5/16-18
1942-61-12	3/4	2.063	2.563	0.875	1.875	0.750	1.250	1.255	0.406	3/8-16
1942-61-16	1	2.313	2.750	1.031	2.063	0.880	1.560	1.565	0.406	3/8-16
1942-61-20	1-1/4	2.875	3.125	1.188	2.313	0.940	1.750	1.755	0.469	7/16-14
1942-61-24	1-1/2	3.250	3.688	1.406	2.750	1.190	2.115	2.125	0.531	1/2-13
1942-61-32	2	3.813	4.000	1.688	3.063	1.440	2.490	2.500	0.531	1/2-13
1942-61-40	2-1/2	4.281	4.500	2.000	3.500	1.820	2.995	3.005	0.531	1/2-13
1942-61-48	3	5.156	5.313	2.438	4.188	2.190	3.615	3.625	0.656	5/8-11

1942-62

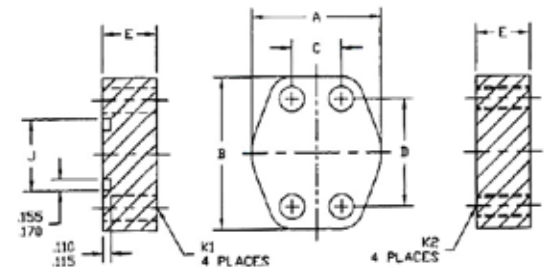
PLUG BLOCK - CODE 62 (O-RING FACE)



PART NO.	Flange Size	A	B	C	D	E	J Min	J Max	K1 Drill	K2 Thread
1942-62-12	3/4	2.500	2.950	0.937	2.000	1.250	1.245	1.255	0.406	3/8-16
1942-62-16	1	2.750	3.190	1.093	2.250	1.500	1.560	1.565	0.469	7/16-14
1942-62-20	1-1/4	3.060	3.750	1.250	2.625	1.500	1.750	1.755	0.531	1/2-13
1942-62-24	1-1/2	3.750	4.440	1.437	3.125	1.820	2.115	2.125	0.656	5/8-11
1942-62-32	2	4.500	5.250	1.750	3.812	1.750	2.490	2.500	0.781	3/4-10

1943-61

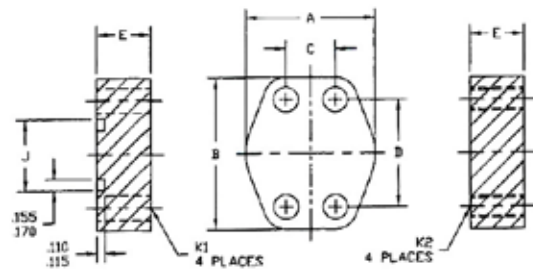
PLUG BLOCK - CODE 61 (FLAT FACE)



PART NO.	Flange Size	A	B	C	D	E	J Min	J Max	K1 Drill	K2 Thread
1943-61-12	3/4	2.063	2.563	0.875	1.875	0.750	1.250	1.255	0.406	3/8-16
1943-61-16	1	2.313	2.750	1.031	2.063	0.880	1.560	1.565	0.406	3/8-16
1943-61-20	1-1/4	2.875	3.125	1.188	2.313	0.940	1.750	1.755	0.469	7/16-14
1943-61-24	1-1/2	3.250	3.688	1.406	2.750	1.190	2.115	2.125	0.531	1/2-13
1943-61-32	2	3.813	4.000	1.688	3.063	1.440	2.490	2.500	0.531	1/2-13
1943-61-40	2-1/2	4.281	4.500	2.000	3.500	1.820	2.995	3.005	0.531	1/2-13
1943-61-48	3	5.156	5.313	2.438	4.188	2.190	3.615	3.625	0.656	5/8-11

1943-62

PLUG BLOCK - CODE 62 (FLAT FACE)

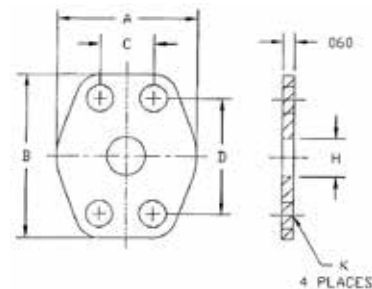


PART NO. **FLANGE SIZE** **A** **B** **C** **D** **E** **J Min** **J Max** **K1 Drill** **K2 Thread**

1943-62-12	3/4	2.380	2.810	0.937	2.000	1.250	1.250	1.255	0.406	3/8-16
1943-62-16	1	2.750	3.190	1.093	2.250	1.500	1.560	1.565	0.469	7/16-14
1943-62-20	1-1/4	3.060	3.750	1.250	2.625	1.430	1.750	1.755	0.531	1/2-13
1943-62-32	2	4.500	5.250	1.750	3.812	1.750	2.490	2.500	0.781	3/4-10

1914-61

CONNECTOR PLATE - CODE 61

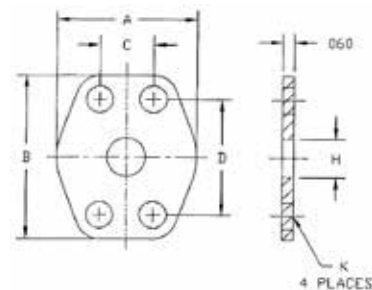


PART NO. **FLANGE SIZE** **A** **B** **C** **D** **H** **K DRILL**

1914-61-08	1/2	1.810	2.12	0.688	1.500	0.500	0.344
1914-61-12	3/4	2.060	2.560	0.875	1.875	0.750	0.406
1914-61-16	1	2.310	2.750	1.031	2.062	1.000	0.406
1914-61-20	1 1/4	2.880	3.120	1.188	2.312	1.250	0.469
1914-61-24	1 1/2	3.250	3.690	1.406	2.750	1.500	0.531
1914-61-32	2	3.810	4.000	1.688	3.062	2.000	0.531
1914-61-40	2 1/2	4.120	4.440	2.000	3.500	2.500	0.531
1914-61-48	3	5.160	5.310	2.438	4.188	3.000	0.656

1914-62

CONNECTOR PLATE - CODE 62

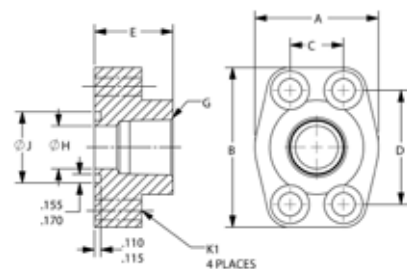


PART NO. **FLANGE SIZE** **A** **B** **C** **D** **H** **K DRILL**

1914-62-12	3/4	2.380	2.810	0.937	2.000	0.750	0.406
1914-62-16	1	2.750	3.190	1.093	2.250	1.000	0.469
1914-62-20	1 1/4	3.060	3.750	1.250	2.625	1.250	0.531
1914-62-24	1 1/2	3.750	4.440	1.437	3.125	1.500	0.656
1914-62-32	2	4.500	5.250	1.750	3.812	2.000	0.781

1927-61

NPTF PORT BLOCK - CODE 61 (O-RING FACE)



PART NO. **PIPE SIZE** **FLANGE SIZE** **A** **B** **C** **D** **E** **G NPTF** **H** **J MIN** **J MAX** **K1 DRILL**

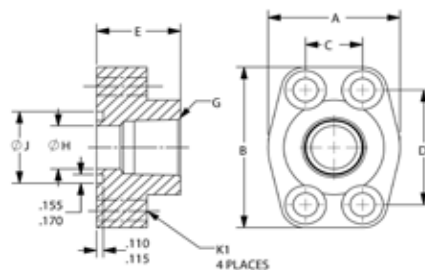
1927-61-08-08	1/2	1/2	1.82	2.17	0.688	1.500	1.25	1/2-14	0.50	1.000	1.005	0.344
1927-61-12-12	3/4	3/4	2.06	2.69	0.875	1.875	1.25	3/4-14	0.75	1.250	1.255	0.406
1927-61-16-16	1	1	2.31	2.88	1.031	2.062	1.50	1-11 1/2	1.00	1.560	1.565	0.406

Continued...

PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G NPTF	H	J MIN	J MAX	K1 DRILL
1927-61-20-20	1 1/4	1 1/4	2.88	3.25	1.88	2.312	1.50	1 1/4-11 1/2	1.25	1.750	1.755	0.469
1927-61-24-24	1 1/2	1 1/2	3.25	3.81	1.406	2.750	1.75	1 1/2-11 1/2	1.50	2.115	2.125	0.531
1927-61-32-32	2	2	3.81	4.13	1.688	3.062	1.75	2-11 1/2	2.00	2.490	2.500	0.531
1927-61-40-40	2 1/2	2 1/2	4.28	4.63	2.000	3.500	2.00	2 1/2-8	2.50	2.995	3.005	0.531
1927-61-48-48	3	3	5.16	5.44	2.438	4.188	2.25	3-8	3.00	3.615	3.625	0.656

1927-62

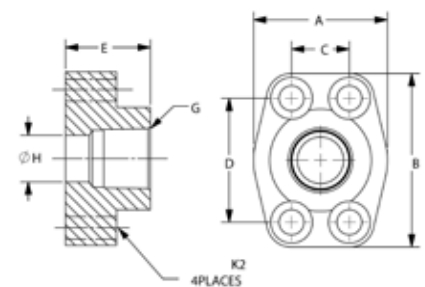
NPTF PORT BLOCK - CODE 62 (O-RING FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G NPTF	H	J MIN	J MAX	K1 DRILL
1927-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	1.25	1/2-14	0.50	1.000	1.005	0.344
1927-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	3/4-14	0.75	1.250	1.255	0.406
1927-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	1-11 1/2	1.00	1.560	1.565	0.469
1927-62-20-20	1 1/4	1 1/4	3.06	3.75	1.25	2.625	1.50	1 1/4-11 1/2	1.25	1.750	1.755	0.531
1927-62-24-24	1 1/2	1 1/2	3.75	4.44	1.437	3.125	1.75	1 1/2-11 1/2	1.50	2.115	2.125	0.656
1927-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	2-11 1/2	2.00	2.490	2.500	0.781

1928-61

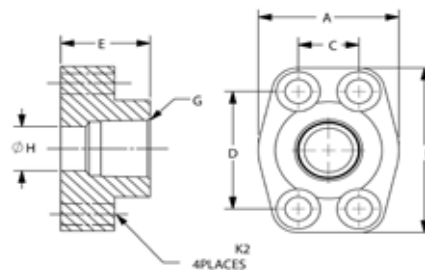
NPTF PORT BLOCK - CODE 61 (FLAT FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G NPTF	H	K2 THD.
1928-61-08-08	1/2	1/2	1.82	2.17	0.688	1.500	1.25	1/2-14	0.50	5/16-18
1928-61-12-12	3/4	3/4	2.06	2.69	0.875	1.875	1.25	3/4-14	0.75	3/8-16
1928-61-16-16	1	1	2.31	2.88	1.031	2.062	1.50	1-11 1/2	1.00	3/8-16
1928-61-20-20	1 1/4	1 1/4	2.88	3.25	1.188	2.312	1.50	1 1/4-11 1/2	1.25	7/16-14
1928-61-24-24	1 1/2	1 1/2	3.25	3.81	1.406	2.750	1.75	1 1/2-11 1/2	1.50	1/2-13
1928-61-32-32	2	2	3.81	4.13	1.688	3.062	1.75	2-11 1/2	2.00	1/2-13
1928-61-40-40	2 1/2	2 1/2	4.28	4.63	2.000	3.500	2.00	2 1/2-8	2.50	1/2-13
1928-61-48-48	3	3	5.16	5.44	2.438	4.188	2.25	3-8	3.00	5/8-11

1928-62

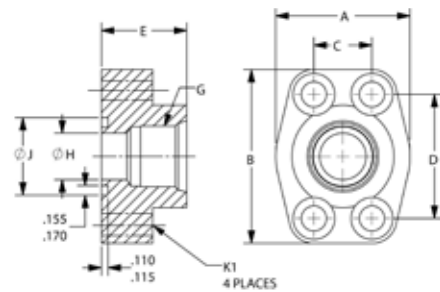
NPTF PORT BLOCK - CODE 62 (FLAT FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G NPTF	H	K2 THD.
1928-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	1.25	1/2-14	0.50	5/16-18
1928-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	3/4-14	0.75	3/8-16
1928-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	1-11 1/2	1.00	7/16-14
1928-62-20-20	1 1/4	1 1/4	3.06	3.75	1.25	2.625	1.50	1 1/4-11 1/2	1.25	1/2-13
1928-62-24-24	1 1/2	1 1/2	3.75	4.44	1.437	3.125	1.75	1 1/2-11 1/2	1.50	5/8-11
1928-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	2-11 1/2	2.00	3/4-10

1929-61

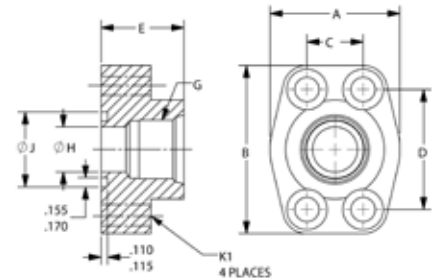
SAE PORT BLOCK - CODE 61 (O-RING FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G THREAD	H	J MIN	J MAX	K1 DRILL
1929-61-08-08	1/2	1/2	1.820	2.17	0.688	1.500	1.25	3/4-16	0.50	1.000	1.005	0.344
1929-61-12-12	3/4	3/4	2.060	2.69	0.875	1.875	1.25	11/16-12	0.75	1.250	1.255	0.406
1929-61-16-16	1	1	2.310	2.88	1.031	2.062	1.50	15/16-12	1.00	1.560	1.565	0.406
1929-61-20-20	1 1/4	1 1/4	2.880	3.25	1.188	2.312	1.50	15/8-12	1.25	1.750	1.755	0.469
1929-61-24-24	1 1/2	1 1/2	3.250	3.81	1.406	2.750	1.75	17/8-12	1.50	2.115	2.125	0.531
1930-61-24-24	1 1/2	1 1/2	3.250	3.81	1.406	2.750	1.75	17/8-12	1.50	2.115	2.125	0.531

1929-62

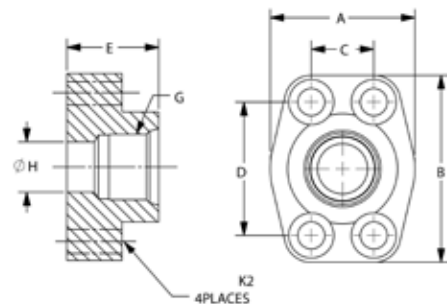
SAE PORT BLOCK - CODE 62 (O-RING FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G THREAD	H	J MIN	J MAX	K1 DRILL
1929-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	1.25	3/4-16	0.50	1.000	1.005	0.344
1929-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	11/16-12	0.75	1.250	1.255	0.406
1929-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	15/16-12	1.00	1.560	1.565	0.469
1929-62-20-20	1 1/4	1 1/4	3.06	3.75	1.25	2.625	1.50	15/8-12	1.25	1.750	1.755	0.531
1929-62-24-24	1 1/2	1 1/2	3.75	4.44	1.437	3.125	1.75	17/8-12	1.50	2.115	2.125	0.656
1929-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	2 1/2-12	2.00	2.490	2.50	0.781

1930-61

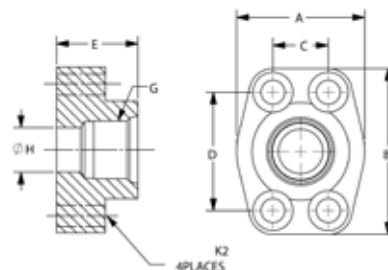
SAE PORT BLOCK - CODE 61 (FLAT FACE)



PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G THREAD	H	K2 THD.
1930-61-08-08	1/2	1/2	1.820	2.17	0.688	1.500	1.25	3/4-16	0.50	5/16-18
1930-61-12-12	3/4	3/4	2.060	2.69	0.875	1.875	1.25	11/16-12	0.75	3/8-16
1930-61-16-16	1	1	2.310	2.88	1.031	2.062	1.50	15/16-12	1.00	3/8-16
1930-61-20-20	1 1/4	1 1/4	2.880	3.25	1.188	2.312	1.50	15/8-12	1.25	7/16-14

1930-62

SAE PORT BLOCK - CODE 62 (FLAT FACE)



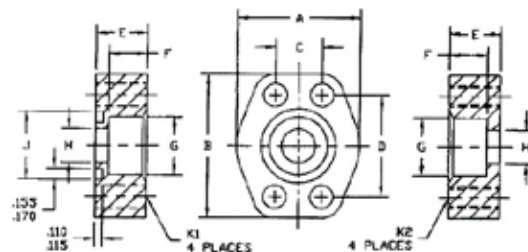
PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G THREAD	H	K2 THD.
1930-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	1.25	3/4-16	0.50	5/16-18
1930-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	11/16-12	0.75	3/8-16

Continued...

PART NO.	PIPE SIZE	FLANGE SIZE	A	B	C	D	E	G	THREAD	H	K2 THD.
1930-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	15/16-12	1.00	7/16-14	
1930-62-20-20	1 1/4	1 1/4	3.06	3.75	1.25	2.625	1.50	15/8-12	1.25	1/2-13	
1930-62-24-24	1 1/2	1 1/2	3.75	4.44	1.437	3.125	1.75	1 7/8-12	1.50	5/8-11	
1930-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	2 1/2-12	2.00	3/4-10	

1933

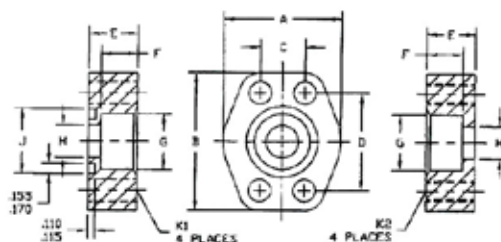
FLAT SOCKET BLOCK PIPE 500PSI (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill
1933-48-48	3	3	5.12	5.31	2.438	4.188	1.38	1.120	3.547	3.00	3.615	3.625	0.656
1933-56-56	3-1/2	3-1/2	5.50	6.00	2.750	4.750	1.44	1.190	4.047	3.50	4.095	4.115	0.656
1933-64-64	4	4	6.00	6.38	3.062	5.125	1.50	1.250	4.578	4.00	4.595	4.615	0.656
1933-80-80	5	5	7.12	7.25	3.625	6.000	1.75	1.380	5.641	5.00	5.595	5.615	0.656

1934

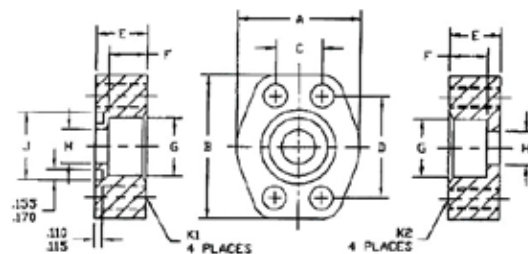
FLAT SOCKET BLOCK PIPE 500PSI (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K2 Thread
1934-48-48	3	3	5.12	5.31	2.438	4.188	1.38	1.120	3.547	3.00	3.615	3.625	5/8-11
1934-56-56	3-1/2	3-1/2	5.50	6.00	2.750	4.750	1.44	1.190	4.047	3.50	4.095	4.115	5/8-11
1934-64-64	4	4	6.00	6.38	3.062	5.125	1.50	1.250	4.578	4.00	4.595	4.615	5/8-11
1934-80-80	5	5	7.12	7.25	3.625	6.000	1.75	1.380	5.641	5.00	5.595	5.615	5/8-11

1935-61

FLAT SOCKET BLOCK PIPE CODE 61 (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1935-61-08-08	1/2	1/2	1.813	2.125	0.688	1.500	0.75	0.560	0.855	0.50	1.000	1.005	0.344	5/16-18
1935-61-12-12	3/4	3/4	2.063	2.563	0.875	1.875	0.75	0.560	1.062	0.75	1.250	1.255	0.406	3/8-18
1935-61-16-16	1	1	2.313	2.750	1.031	2.062	0.88	0.630	1.326	1.00	1.560	1.565	0.406	3/8-16
1935-61-20-20	1-1/4	1-1/4	2.875	3.125	1.188	2.312	0.94	0.690	1.672	1.25	1.750	1.755	0.469	7/16-14
1935-61-24-24	1-1/2	1-1/2	3.250	3.688	1.406	2.750	1.19	0.750	1.922	1.50	2.115	2.125	0.531	1/2-13
1935-61-32-32	2	2	3.813	4.000	1.688	3.062	1.38	0.875	2.406	2.00	2.490	2.500	0.531	1/2-13
1935-61-40-40	2-1/2	2-1/2	4.281	4.500	2.000	3.500	1.75	1.000	2.906	2.50	2.995	3.005	0.531	1/2-13
1935-61-48-48	3	3	5.156	5.313	2.438	4.188	2.12	1.250	3.547	3.00	3.615	3.625	0.656	5/8-11

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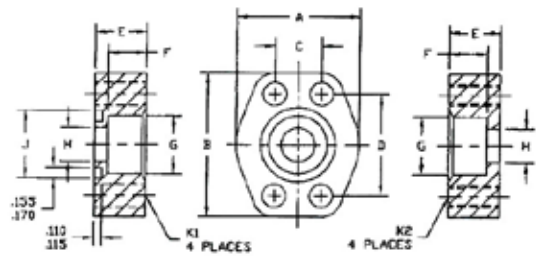
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1935-62

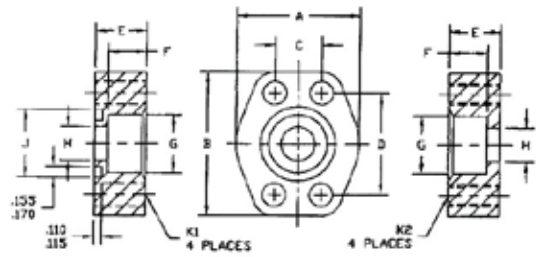
FLAT SOCKET BLOCK PIPE CODE 62 (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1935-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	0.57	0.560	0.855	0.50	1.000	1.005	0.344	5/16-18
1935-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	0.560	1.063	0.75	1.250	1.255	0.406	3/8-16
1935-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	0.630	1.328	1.00	1.560	1.565	0.469	7/16-14
1935-62-20-20	1-1/4	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.672	1.25	1.750	1.755	0.531	1/2-13
1935-62-24-24	1-1/2	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.922	1.50	2.115	2.125	0.656	5/8-11
1935-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	0.875	2.406	2.00	2.490	2.500	0.781	3/4-10
1935-62-40-40	2-1/2	2-1/2	5.87	6.87	2.312	4.875	2.06	1.000	2.906	2.50	2.995	3.005	0.906	7/8-9
1935-62-48-48	3	3	7.00	8.50	2.812	6.000	2.62	1.250	3.547	3.00	3.615	3.625	1.156	1 1/8-7

1936-61

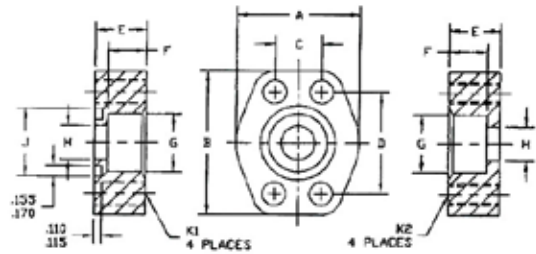
FLAT SOCKET BLOCK PIPE CODE 61 (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1936-61-08-08	1/2	1/2	1.813	2.125	0.688	1.500	0.75	0.560	0.855	0.50	1.000	1.005	0.344	5/16-18
1936-61-12-12	3/4	3/4	2.063	2.563	0.875	1.875	0.75	0.560	1.062	0.75	1.250	1.255	0.406	3/8-16
1936-61-16-16	1	1	2.313	2.750	1.031	2.062	0.88	0.630	1.326	1.00	1.560	1.565	0.406	3/8-16
1936-61-20-20	1-1/4	1-1/4	2.875	3.125	1.188	2.312	0.94	0.690	1.672	1.25	1.750	1.755	0.469	7/16-14
1936-61-24-24	1-1/2	1-1/2	3.250	3.688	1.406	2.750	1.19	0.750	1.922	1.50	2.115	2.125	0.531	1/2-13
1936-61-32-32	2	2	3.813	4.000	1.688	3.062	1.38	0.875	2.406	2.00	2.490	2.500	0.531	1/2-13
1936-61-40-40	2-1/2	2-1/2	4.281	4.500	2.000	3.500	1.75	1.000	2.906	2.50	2.995	3.005	0.531	1/2-13
1936-61-48-48	3	3	5.156	5.313	2.438	4.188	2.12	1.250	3.547	3.00	3.615	3.625	0.656	5/8-11

1936-62

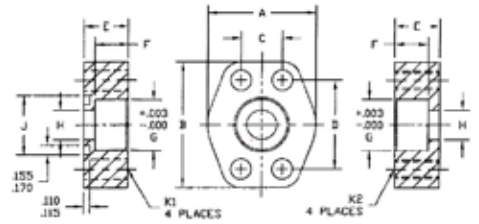
FLAT SOCKET BLOCK PIPE CODE 62 (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1936-62-08-08	1/2	1/2	1.94	2.30	0.718	1.594	0.57	0.560	0.855	0.50	1.000	1.005	0.344	5/16-18
1936-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	0.560	1.063	0.75	1.250	1.255	0.406	3/8-16
1936-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	0.630	1.328	1.00	1.560	1.565	0.469	7/16-14
1936-62-20-20	1-1/4	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.672	1.25	1.750	1.755	0.531	1/2-13
1936-62-24-24	1-1/2	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.922	1.50	2.115	2.125	0.656	5/8-11
1936-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	0.875	2.406	2.00	2.490	2.500	0.781	3/4-10
1936-62-40-40	2-1/2	2-1/2	5.87	6.87	2.312	4.875	2.06	1.000	2.906	2.50	2.995	3.005	0.906	7/8-9
1936-62-48-48	3	3	7.00	8.50	2.812	6.000	2.62	1.250	3.547	3.00	3.615	3.625	1.156	1 1/8-7

1937-61

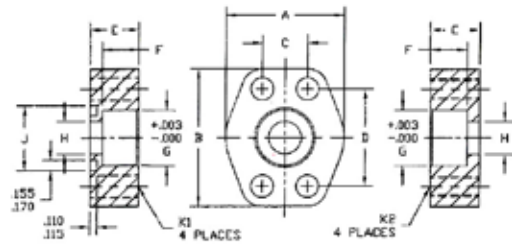
FLAT SOCKET BLOCK TUBE CODE 61 (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1937-61-12-12	3/4	3/4	2.06	2.56	0.875	1.875	0.750	0.560	0.52	0.63	1.250	1.255	0.406	3/8-16
1937-61-16-12	1	3/4	2.06	2.56	0.875	1.875	0.750	0.560	1.002	0.75	1.250	1.255	0.406	3/8-16
1937-61-16-16	1	1	2.31	2.75	1.031	2.062	0.880	0.630	1.002	0.88	1.560	1.565	0.406	3/8-16
1937-61-20-16	1-1/4	1	2.31	2.75	1.031	2.062	0.880	0.630	1.252	1.00	1.560	1.565	0.406	3/8-16
1937-61-20-20	1-1/4	1-1/4	2.88	3.12	1.188	2.312	0.940	0.690	1.252	1.13	1.750	1.755	0.469	7/16-14
1937-61-24-20	1-1/2	1-1/4	2.88	3.12	1.188	2.312	0.940	0.690	1.502	1.25	1.750	1.755	0.469	7/16-14
1937-61-24-24	1-1/2	1-1/2	3.25	3.69	1.406	2.750	1.190	0.750	1.502	1.38	2.115	2.125	0.531	1/2-13
1937-61-28-24	1-3/4	1-1/2	3.25	3.69	1.406	2.750	1.190	0.750	1.752	1.50	2.115	2.125	0.531	1/2-13
1937-61-32-32	2	2	3.81	4.00	1.688	3.062	1.375	0.875	2.002	1.88	2.490	2.500	0.531	1/2-13
1937-61-36-32	2-1/4	2	3.81	4.00	1.688	3.062	1.375	0.875	2.252	2.00	2.490	2.500	0.531	1/2-13

1937-62

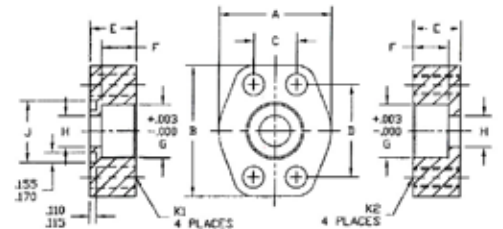
FLAT SOCKET BLOCK TUBE CODE 62 (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1937-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.25	0.560	0.752	0.63	1.250	1.255	0.406	3/8-16
1937-62-16-12	1	3/4	2.38	2.81	0.937	2.000	1.25	0.560	1.002	0.75	1.250	1.255	0.406	3/8-16
1937-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	0.630	1.002	0.88	1.560	1.565	0.469	7/16-14
1937-62-20-16	1-1/4	1	2.75	3.19	1.093	2.250	1.50	0.630	1.252	1.00	1.560	1.565	0.469	7/16-14
1937-62-20-20	1-1/4	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.252	1.13	1.750	1.755	0.531	1/2-13
1937-62-24-20	1-1/2	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.502	1.25	1.750	1.755	0.531	1/2-13
1937-62-24-24	1-1/2	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.502	1.38	2.115	2.125	0.656	5/8-11
1937-62-28-24	1-3/4	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.752	1.50	2.115	2.125	0.656	5/8-11
1937-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	0.875	2.002	1.88	2.490	2.500	0.781	3/4-10
1937-62-36-32	2-1/4	2	4.50	5.25	1.750	3.812	1.75	0.875	2.252	2.00	2.490	2.500	0.781	3/4-10

1938-61

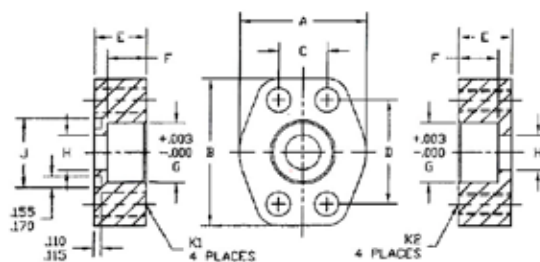
FLAT SOCKET BLOCK TUBE CODE 61 (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1938-61-12-12	3/4	3/4	2.06	2.56	0.875	1.875	0.750	0.560	0.752	0.63	1.250	1.255	0.406	3/8-16
1938-61-16-12	1	3/4	2.06	2.56	0.875	1.875	0.750	0.560	1.002	0.75	1.250	1.255	0.406	3/8-16
1938-61-16-16	1	1	2.31	2.75	1.031	2.062	0.880	0.630	1.002	0.88	1.560	1.565	0.406	3/8-16
1938-61-20-16	1-1/4	1	2.31	2.75	1.031	2.062	0.880	0.630	1.252	1.00	1.560	1.565	0.406	3/8-16
1938-61-20-20	1-1/4	1-1/4	2.88	3.12	1.188	2.312	0.940	0.690	1.252	1.13	1.750	1.755	0.469	7/16-14
1938-61-24-20	1-1/2	1-1/4	2.88	3.12	1.188	2.312	0.940	0.690	1.502	1.25	1.750	1.755	0.469	7/16-14
1938-61-24-24	1-1/2	1-1/2	3.25	3.69	1.406	2.750	1.190	0.750	1.502	1.38	2.115	2.125	0.531	1/2-13
1938-61-28-24	1-3/4	1-1/2	3.25	3.69	1.406	2.750	1.190	0.750	1.752	1.50	2.115	2.125	0.531	1/2-13
1938-61-32-32	2	2	3.81	4.00	1.688	3.062	1.375	0.875	2.002	1.88	2.490	2.500	0.531	1/2-13
1938-61-36-32	2-1/4	2	3.81	4.00	1.688	3.062	1.375	0.875	2.252	2.00	2.490	2.500	0.531	1/2-13

1938-62

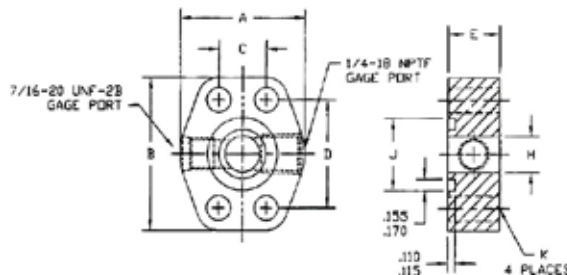
FLAT SOCKET BLOCK TUBE CODE 62 (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill	K2 Thread
1938-62-12-12	3/4	3/4	2.38	2.81	0.937	2.000	1.250	0.560	0.752	0.63	1.250	1.255	0.406	3/8-16
1938-62-16-12	1	3/4	2.38	2.81	0.937	2.000	1.25	0.560	1.002	0.75	1.250	1.255	0.406	3/8-16
1938-62-16-16	1	1	2.75	3.19	1.093	2.250	1.50	0.630	1.002	0.88	1.560	1.565	0.469	7/16-14
1938-62-20-16	1-1/4	1	2.75	3.19	1.093	2.250	1.50	0.630	1.252	1.00	1.560	1.565	0.469	7/16-14
1938-62-20-20	1-1/4	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.252	1.13	1.750	1.755	0.531	1/2-13
1938-62-24-20	1-1/2	1-1/4	3.06	3.75	1.250	2.625	1.50	0.690	1.502	1.25	1.750	1.755	0.531	1/2-13
1938-62-24-24	1-1/2	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.502	1.38	2.115	2.125	0.656	5/8-11
1938-62-28-24	1-3/4	1-1/2	3.75	4.44	1.437	3.125	1.75	0.750	1.752	1.50	2.115	2.125	0.656	5/8-11
1938-62-32-32	2	2	4.50	5.25	1.750	3.812	1.75	0.875	2.002	1.88	2.490	2.500	0.781	3/4-10
1938-62-36-32	2-1/4	2	4.50	5.25	1.750	3.812	1.75	0.875	2.252	2.00	2.490	2.500	0.781	3/4-10

1940-61

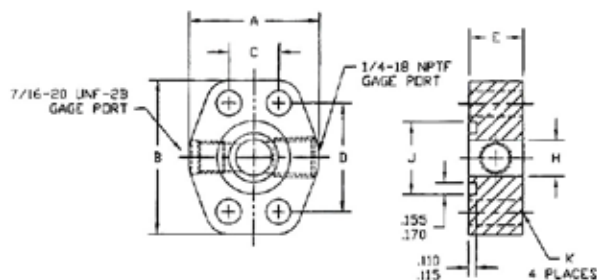
FLANGE SPACER WITH SIDE GAGE PORTS CODE 61



PART NO.	Flange Size	A	B	C	D	E	H	J	K Drill
1940-61-08	1/2	1.813	2.125	0.688	1.500	1.250	0.500	1.000	0.344
1940-61-12	3/4	2.063	2.563	0.875	1.875	1.250	0.750	1.250	0.406
1940-61-16	1	2.313	2.750	1.031	2.063	0.875	1.000	1.560	0.406
1940-61-20	1-1/4	2.875	3.125	1.188	2.313	0.937	1.250	1.750	0.469
1940-61-24	1-1/2	3.250	3.688	1.406	2.750	1.188	1.500	2.115	0.531
1940-61-32	2	3.813	4.000	1.688	3.063	1.375	2.000	2.490	0.531
1940-61-40	2-1/2	4.281	4.500	2.000	3.500	1.750	2.500	2.995	0.531
1940-61-48	3	5.156	5.313	2.438	4.188	2.125	3.000	3.615	0.656

1940-62

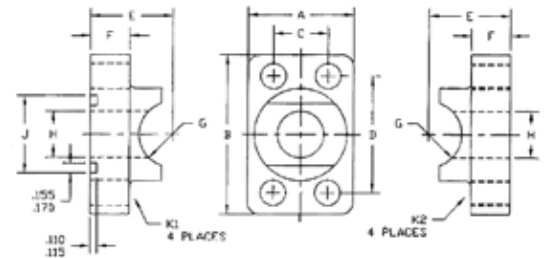
FLANGE SPACER WITH SIDE GAGE PORTS CODE 62



PART NO.	Flange Size	A	B	C	D	E	H	J	K Drill
1940-62-08	1/2	1.940	2.300	0.718	1.594	0.870	0.500	1.000	0.344
1940-62-12	3/4	2.500	2.950	0.937	2.000	1.250	0.750	1.250	0.406
1940-62-16	1	2.750	3.190	1.093	2.250	1.500	1.000	1.560	0.492
1940-62-20	1-1/4	3.060	3.750	1.250	2.625	1.500	1.250	1.750	0.531
1940-62-24	1-1/2	3.750	4.440	1.437	3.125	1.750	1.500	2.115	0.656
1940-62-32	2	4.500	5.250	1.750	3.812	1.750	2.000	2.490	0.781
1940-62-40	2-1/2	5.870	6.870	2.312	4.875	2.060	2.500	2.995	0.906
1940-62-48	3	7.000	8.500	2.812	6.000	2.620	3.000	3.615	1.156

1959-P

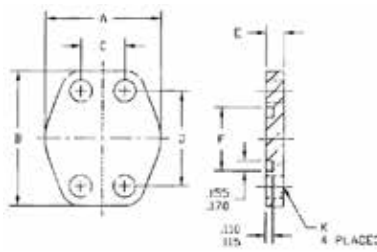
PIPE SADDLE WELD BLOCK CONNECTOR (O-RING FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K1 Drill
1959-P-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.310	0.630	0.532	0.750	1.250	1.255	0.406
1959-P-16-16	1	1	1.940	2.750	1.031	2.062	1.500	0.560	0.665	1.000	1.560	1.565	0.406
1959-P-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	0.630	0.837	1.250	1.750	1.755	0.469
1959-P-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.120	0.810	0.957	1.500	2.115	2.125	0.531
1959-P-32-32	2	2	3.060	4.000	1.688	3.062	2.620	1.060	1.200	2.000	2.490	2.500	0.531

1979-61

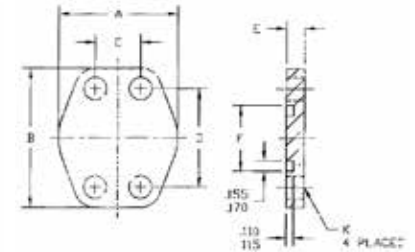
FLANGE SHIPPING PLATE - O-PSI CODE 61



PART NO.	Flange Size	A	B	C	D	E	F	K Drill
1979-61-08	1/2	1.810	2.120	0.688	1.500	0.330	1.000	0.344
1979-61-12	3/4	2.060	2.560	0.875	1.875	0.330	1.250	0.413
1979-61-16	1	2.310	2.750	1.031	2.063	0.330	1.560	0.413
1979-61-20	1-1/4	2.882	3.120	1.188	2.312	0.330	1.750	0.469
1979-61-24	1 1/2	3.250	3.690	1.406	2.750	0.330	2.115	0.531
1979-61-32	2	3.810	4.000	1.688	3.062	0.330	2.490	0.531
1979-61-48	3	5.160	5.310	2.438	4.188	0.330	3.615	0.656

1979-62

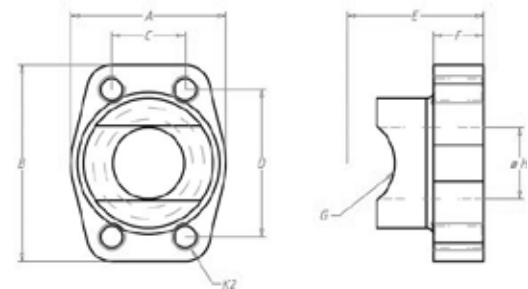
FLANGE SHIPPING PLATE - O-PSI CODE 62



PART NO.	Flange Size	A	B	C	D	E	F	K Drill
1979-62-08	1/2	1.940	2.190	0.718	1.594	0.330	1.000	0.354
1979-62-12	3/4	2.500	2.810	0.937	2.000	0.330	1.250	0.433
1979-62-16	1	2.750	3.190	1.093	2.250	0.330	1.560	0.531
1979-62-20	1-1/4	3.060	3.750	1.250	2.625	0.330	1.750	0.531
1979-62-24	1 1/2	3.750	4.440	1.437	3.125	0.330	2.115	0.689
1979-62-32	2	4.500	5.250	1.750	3.812	0.330	2.490	0.866

1960-P

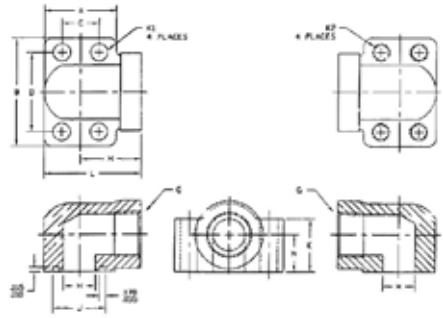
PIPE SADDLE WELD BLOCK CONNECTOR (FLAT FACE)



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	F	G	H	J Min	J Max	K2 Thread
1960-P-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.310	0.630	0.532	0.750	1.250	1.255	3/8-16
1960-P-16-16	1	1	1.940	2.750	1.031	2.062	1.500	0.560	0.665	1.000	1.560	1.565	3/8-16
1960-P-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	0.630	0.837	1.250	1.750	1.755	7/16-14
1960-P-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.120	0.810	0.957	1.500	2.115	2.125	1/2-13
1960-P-32-32	2	2	3.060	4.000	1.688	3.062	2.620	1.060	1.200	2.000	2.490	2.500	1/2-13

1965-61

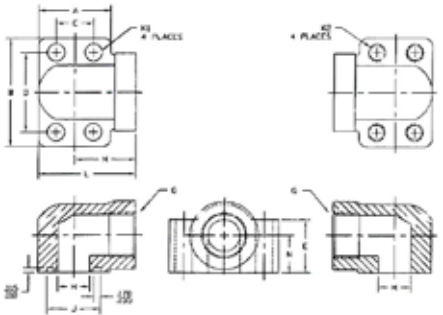
SAE PORT BLOCK 90 DEG ELBOW CODE 61 - O-RING FACE



PART NO.	Tube Size	Flange Size	A	B	C	D	E	G Thread	H	J	K1 Drill	L	M	N
1965-61-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.250	1-1/16-12	0.750	1.250	0.406	2.280	1.440	0.875
1965-61-16-16	1	1	1.940	2.750	1.031	2.062	1.500	1-5/16-12	1.000	1.560	0.406	2.620	1.660	1.062
1965-61-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	1-5/8-12	1.250	1.750	0.469	3.000	1.910	1.188
1965-61-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.000	1-7/8-12	1.500	2.115	0.531	3.330	2.050	1.312
1965-61-32-32	2	2	3.060	4.330	1.688	3.062	2.500	2-1/2-12	2.000	2.490	0.531	3.810	2.280	1.656
1966-61-32-32	2	2	3.060	4.330	1.688	3.062	2.500	2-1/2-12	2.000	2.490	0.531	3.810	2.280	1.656

1965-62

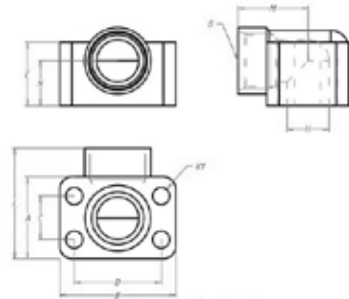
SAE PORT BLOCK 90 DEG ELBOW CODE 62 - O-RING FACE



PART NO.	Tube Size	Flange Size	A	B	C	D	E	G Thread	H	J	K1 Drill	L	M	N
1965-62-12-12	3/4	3/4	1.940	2.750	0.937	2.000	1.500	1-1/16-12	0.750	1.250	0.406	2.620	1.660	1.062
1965-62-16-16	1	1	2.190	3.120	1.093	2.250	1.810	1-5/16-12	1.000	1.560	0.492	3.000	1.910	1.188
1965-62-20-20	1-1/4	1-1/4	2.560	3.690	1.250	2.625	2.000	1-5/8-12	1.250	1.750	0.531	3.320	2.050	1.312
1965-62-24-24	1-1/2	1-1/2	3.060	4.330	1.437	3.125	2.500	1-7/8-12	1.500	2.115	0.656	3.810	2.280	1.656

1966-61

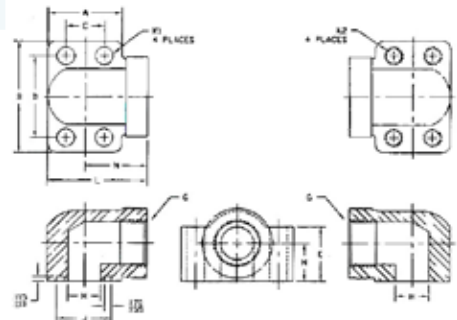
SAE PORT BLOCK 90 DEG ELBOW CODE 61 - FLAT FACE



PART NO.	Tube Size	Flange Size	A	B	C	D	E	G Thread	H	J	K1 Drill	L	M	N
1966-61-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.250	1-1/16-12	0.750	1.250	0.406	2.280	1.440	0.875
1966-61-16-16	1	1	1.940	2.750	1.031	2.062	1.500	1-5/16-12	1.000	1.560	0.406	2.620	1.660	1.062
1966-61-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	1-5/8-12	1.250	1.750	0.469	3.000	1.910	1.188
1966-61-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.000	1-7/8-12	1.500	2.115	0.531	3.330	2.050	1.312

1967-61

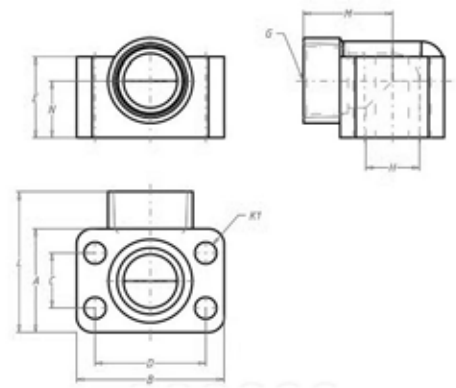
NPTF PORT BLOCK 90 DEG ELBOW CODE 61 - O-RING FACE



PART NO.	Pipe Size	Flange Size	A	B	C	D	E	G Thread	H	J	K1 Drill	L	M	N	
1967-61-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.250	3/4-14	0.750	1.250	0.406	3/8-16	2.280	1.440	0.875
1967-61-16-16	1	1	1.940	2.750	1.031	2.062	1.500	1-11-1/2	1.000	1.560	0.406	3/8-16	23620	1.660	1.062
1967-61-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	1-1/4-11 1/2	1.250	1.750	0.469	7/16-14	3.000	1.910	1.188
1967-61-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.000	1-1/2-11 1/2	1.500	2.115	0.531	1/2-13	3.330	2.050	1.312
1967-61-32-32	2	2	3.060	4.330	1.688	3.062	2.500	2-11-1/2	2.000	2.490	0.531	1/2-13	3.810	2.280	1.656

1968-61

NPTF PORT BLOCK 90 DEG ELBOW CODE 61 - FLAT FACE

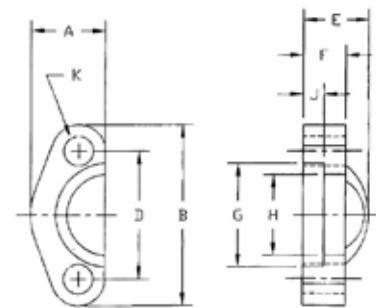


PART NO.	Pipe Size	Flange Size	A	B	C	D	E	G Thread	H	J	K1 Drill	L	M	N
1968-61-12-12	3/4	3/4	1.690	2.560	0.875	1.875	1.250	3/4-14	0.750	1.250	0.406	2.280	1.440	0.875
1968-61-16-16	1	1	1.940	2.750	1.031	2.062	1.500	1-11-1/2	1.000	1.560	0.406	2.3620	1.660	1.062
1968-61-20-20	1-1/4	1-1/4	2.190	3.120	1.188	2.312	1.810	1-1/4-11 1/2	1.250	1.750	0.469	3.000	1.910	1.188
1968-61-24-24	1-1/2	1-1/2	2.560	3.690	1.406	2.750	2.000	1-1/2-11 1/2	1.500	2.115	0.531	3.330	2.050	1.312
1968-61-32-32	2	2	3.060	4.330	1.688	3.062	2.500	2-11-1/2	2.000	2.490	0.531	3.810	2.280	1.656

SPLIT & CAPTIVE FLANGES

1951

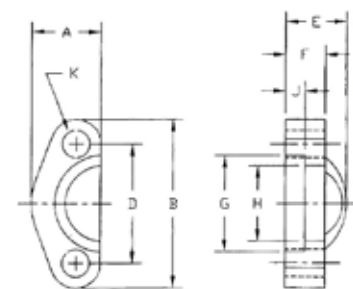
SPLIT FLANGE CODE 61 (PAIRS)



PART NO.	Flange Kit	Flange Size	A ±.030	B ±.030	D ±.010	E ±.030	F ±.016	G ±.010	H ±.010	J ±.005	K ±.005
1951-08	1901-08	1/2	0.86	2.12	1.50	0.75	0.50	1.22	0.96	0.25	0.34
1951-12	1901-12	3/4	0.98	2.56	1.88	0.88	0.56	1.53	1.278	0.25	0.41
1951-16	1901-16-H	1	1.11	2.75	2.06	0.94	0.62	1.78	1.52	0.30	0.41
1951-20	1901-20-H	1-1/4	1.39	3.12	2.31	0.88	0.56	2.03	1.72	0.30	0.47
1951-24	1901-24-H	1-1/2	1.58	3.69	2.75	1.00	0.62	2.41	2.00	0.30	0.53
1951-32	1901-32-H	2	1.86	4.00	3.06	1.03	0.62	2.84	2.47	0.36	0.53
1951-40	1901-40-H	2-1/2	2.09	4.50	3.50	1.50	0.75	3.34	2.95	0.36	0.53
1951-48	1901-48-H	3	2.53	5.31	4.19	1.62	0.88	4.03	3.58	0.36	0.66
1951-56	1901-56-H	3-1/2	2.70	6.00	4.75	1.12	0.88	4.53	4.03	0.42	0.66
1951-64	1901-64-H	4	2.95	6.38	5.13	1.38	1.00	5.03	4.53	0.42	0.66

1951-H

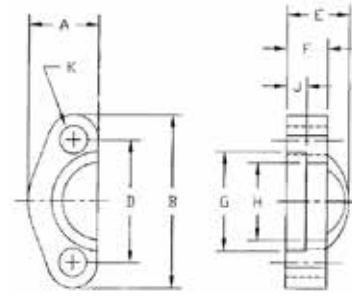
SPLIT FLANGE HALVES CODE 61 (SINGLE HALF ONLY)



PART NO.	Flange Size	A ±.030	b ±.030	D ±.010	E ±.030	F ±.016	G ±.010	H ±.010	J ±.005	K ±.005
1951-08-H	1/2	0.86	2.12	1.50	0.75	0.50	1.22	0.96	0.25	0.34
1951-12-H	3/4	0.98	2.56	1.88	0.88	0.56	1.53	1.27	0.25	0.41
1951-16-H	1	1.11	2.75	2.06	0.94	0.62	1.78	1.52	0.30	0.41
1951-20-H	1-1/4	1.39	3.12	2.31	0.88	0.56	2.03	1.72	0.30	0.47
1951-24-H	1-1/2	1.58	3.69	2.75	1.00	0.62	2.41	2.00	0.30	0.53
1951-32-H	2	1.86	4.00	3.06	1.03	0.62	2.84	2.47	0.36	0.53
1951-40-H	2-1/2	2.09	4.50	3.50	1.50	0.75	3.34	2.95	0.36	0.53
1951-48-H	3	2.53	5.31	4.19	1.62	0.88	4.03	3.58	0.36	0.66

1952

SPLIT FLANGE CODE 62 (PAIRS)

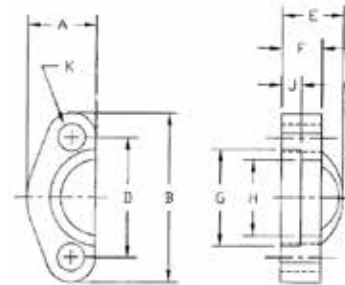


PART NO. **Flange Kit** **Flange Size** **A ±.030** **B ±.030** **D ±.010** **E ±.030** **F ±.016** **G ±.010** **H ±.010** **J ±.005** **K ±.005**

1952-12	1902-12	3/4	1.14	2.81	2.00	1.12	0.75	1.66	1.28	0.33	0.41
1952-16	1902-16	1	1.33	3.19	2.25	1.31	0.94	1.91	1.53	0.36	0.47
1952-20	1902-20	1-1/4	1.48	3.75	2.63	1.50	1.06	2.16	1.75	0.39	0.53
1952-24	1902-24	1-1/2	1.83	4.44	3.13	1.69	1.19	2.53	2.03	0.48	0.66
1952-32	1902-32	2	2.20	5.25	3.81	2.06	1.44	3.16	2.66	0.48	0.78

1952-H

SPLIT FLANGE HALVES CODE 62 (SINGLE HALF ONLY)

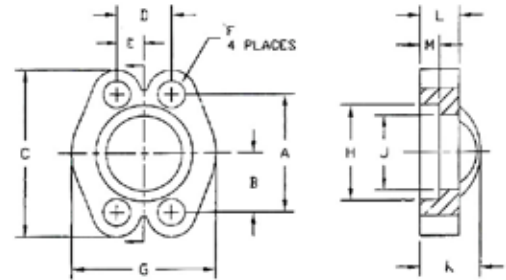


PART NO. **Flange Size** **A ±.030** **b ±.030** **D ±.010** **E ±.030** **F ±.016** **G ±.010** **H ±.010** **J ±.005** **K ±.005**

1952-12-H	3/4	1.14	2.81	2.00	1.12	0.75	1.66	1.28	0.33	0.41
1952-16-H	1	1.33	3.19	2.25	1.31	0.94	1.91	1.53	0.36	0.47
1952-20-H	1-1/4	1.48	3.75	2.63	1.50	1.06	2.16	1.75	0.39	0.53
1952-24-H	1-1/2	1.83	4.44	3.13	1.69	1.19	2.53	2.03	0.48	0.66
1952-32-H	2	2.20	5.25	3.81	2.06	1.44	3.16	2.66	0.48	0.78

1903-61

CAPTIVE FLANGE - CODE 61 (DRILLED HOLES)

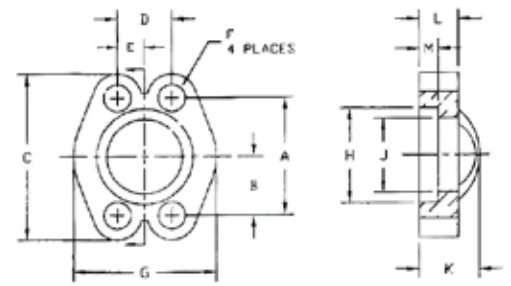


PART NO. **FLANGE SIZE** **A ±.010** **B ±.010** **C ±.030** **D ±.010** **E ±.010** **F ±.010** **F Thread** **G ±.030** **H ±.010** **J ±.010** **K ±.010** **L ±.010** **M ±.005**

1903-61-08	1/2	1.500	0.750	2.12	0.688	0.344	0.344	5/16-18	1.81	1.219	0.955	0.75	0.50	0.245
1903-61-12	3/4	1.875	0.938	2.56	0.875	0.438	0.406	3/8-16	2.06	1.531	1.265	0.88	0.56	0.245
1903-61-16	1	2.062	1.031	2.75	1.031	0.516	0.406	3/8-16	2.31	1.781	1.515	0.94	0.62	0.295
1903-61-20	1-1/4	2.312	1.156	3.12	1.188	0.594	0.469	7/16-14	2.88	2.031	1.720	0.88	0.56	0.295
1903-61-24	1-1/2	2.750	1.375	3.69	1.406	0.703	0.531	1/2-13	3.25	2.406	2.000	1.00	0.62	0.295
1903-61-32	2	3.062	1.531	4.00	1.688	0.844	0.531	1/2-13	3.81	2.844	2.470	1.03	0.62	0.355
1903-61-40	2-1/2	3.500	1.750	4.50	2.000	1.000	0.531	1/2-13	4.28	3.344	2.950	1.50	0.75	0.355
1903-61-48	3	4.188	2.094	5.31	2.438	1.219	0.656	5/8-11	5.16	4.031	3.580	1.62	0.88	0.355
1903-61-56	3-1/2	4.750	2.375	6.00	2.750	1.375	0.656	5/8-11	5.50	4.531	4.030	1.12	0.88	0.422
1903-61-64	4	5.125	2.562	6.38	3.062	1.531	0.656	5/8-11	6.00	5.031	4.530	1.38	1.00	0.422

1903-62

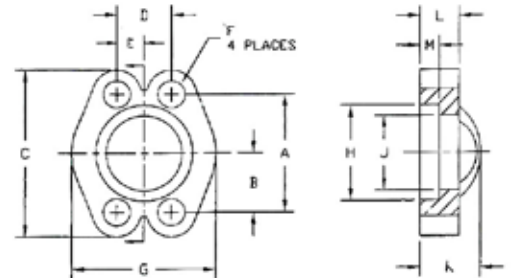
CAPTIVE FLANGE - CODE 62 (DRILLED HOLES)



PART NO.	FLANGE SIZE	A ±.010	B ±.010	C ±.030	D ±.010	E ±.010	F ±.010	F Thread	G ±.030	H ±.010	J ±.010	K ±.010	L ±.010	M ±.005
1903-62-12	3/4	2.000	1.000	2.81	0.938	0.469	0.406	3/8-16	2.38	1.656	1.280	1.12	0.75	0.325
1903-62-16	1	2.250	1.125	3.19	1.094	0.547	0.469	7/16-14	2.75	1.906	1.530	1.31	0.94	0.355
1903-62-20	1 1/4	2.625	1.313	3.75	1.250	0.625	0.531	1/2-13	3.06	2.156	1.750	1.50	1.06	0.385
1903-62-24	1 1/2	3.125	1.563	4.44	1.438	0.719	0.656	5/8-11	3.75	2.531	2.030	1.69	1.19	0.475
1903-62-32	2	3.812	1.906	5.25	1.750	0.875	0.781	3/4-10	4.50	3.156	2.660	2.06	1.44	0.475

1904-61

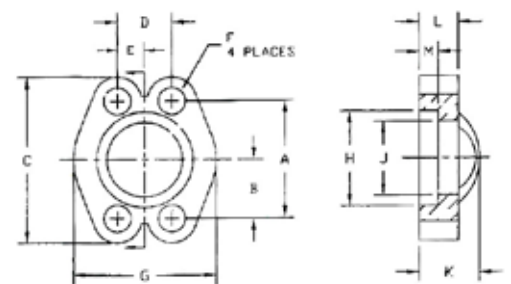
CAPTIVE FLANGE - CODE 61 (TAPPED HOLES)



PART NO.	FLANGE SIZE	A ±.010	B ±.010	C ±.030	D ±.010	E ±.010	F ±.010	F Thread	G ±.030	H ±.010	J ±.010	K ±.010	L ±.010	M ±.005
1904-61-08	1/2	1.500	0.750	2.12	0.688	0.344	0.344	5/16-18	1.81	1.219	0.955	0.75	0.50	0.245
1904-61-12	3/4	1.875	0.938	2.56	0.875	0.438	0.406	3/8-16	2.06	1.531	1.265	0.88	0.56	0.245
1904-61-16	1	2.062	1.031	2.75	1.031	0.516	0.406	3/8-16	2.31	1.781	1.515	0.94	0.62	0.295
1904-61-20	1 1/4	2.312	1.156	3.12	1.188	0.594	0.469	7/16-14	2.88	2.031	1.720	0.88	0.56	0.295
1904-61-24	1 1/2	2.750	1.375	3.69	1.406	0.703	0.531	1/2-13	3.25	2.406	2.000	1.00	0.62	0.295
1904-61-32	2	3.062	1.531	4.00	1.688	0.844	0.531	1/2-13	3.81	2.844	2.470	1.03	0.62	0.355
1904-61-40	2 1/2	3.500	1.750	4.50	2.000	1.000	0.531	1/2-13	4.28	3.344	2.950	1.50	0.75	0.355
1904-61-48	3	4.188	2.094	5.31	2.438	1.219	0.656	5/8-11	5.16	4.031	3.580	1.62	0.88	0.355
1904-61-56	3 1/2	4.750	2.375	6.00	2.750	1.375	0.656	5/8-11	5.50	4.531	4.030	1.12	0.88	0.422
1904-61-64	4	5.125	2.562	6.38	3.062	1.531	0.656	5/8-11	6.00	5.031	4.530	1.38	1.00	0.422

1904-62

CAPTIVE FLANGE - CODE 62 (TAPPED HOLES)



PART NO.	FLANGE SIZE	A ±.010	B ±.010	C ±.030	D ±.010	E ±.010	F ±.010	F Thread	G ±.030	H ±.010	J ±.010	K ±.010	L ±.010	M ±.005
1904-62-12	3/4	2.000	1.000	2.81	0.938	0.469	0.406	3/8-16	2.38	1.656	1.280	1.12	0.75	0.325
1904-62-16	1	2.250	1.125	3.19	1.094	0.547	0.469	7/16-14	2.75	1.906	1.530	1.31	0.94	0.355
1904-62-20	1 1/4	2.625	1.313	3.75	1.250	0.625	0.531	1/2-13	3.06	2.156	1.750	1.50	1.06	0.385
1904-62-24	1 1/2	3.125	1.563	4.44	1.438	0.719	0.656	5/8-11	3.75	2.531	2.030	1.69	1.19	0.475
1904-62-32	2	3.812	1.906	5.25	1.750	0.875	0.781	3/4-10	4.50	3.156	2.660	2.06	1.44	0.475

MOUNTING KITS

1900-61 HEX HEAD MOUNTING KIT - CODE 61



PART NO.	Flange Size
1900-61-08-K	1/2
1900-61-12-K	3/4
1900-61-16-K	1
1900-61-20-K	1-1/4
1900-61-24-K	1-1/2
1900-61-32-K	2
1900-61-40-K	2-1/2
1900-61-48-K	3
1900-61-56-K	3-1/2
1900-61-64-K	4

PART NO.	Flange Size
1901-24	1 1/2
1901-32	2
1901-40	2-1/2
1901-48	3
1901-56	3-1/2
1901-64	4

1902 SPLIT FLANGE KIT - CODE 62



PART NO.	Flange Size
1902-08	1/2
1902-12	3/4
1902-16	1
1902-20	1 1/4
1902-24	1 1/2
1902-32	2

1900-62 HEX HEAD MOUNTING KIT - CODE 62



PART NO.	Flange Size
1900-62-08-K	1/2
1900-62-12-K	3/4
1900-62-16-K	1
1900-62-20-K	1-1/4
1900-62-24-K	1-1/2
1900-62-32-K	2

1990-61 SOCKET HEAD MOUNTING KIT - CODE 61



PART NO.	Flange Size
1990-08-05X1.50	1/2
1990-12-06X1.50	3/4
1990-16-06X1.75	1
1990-20-07X1.75	1-1/4
1990-24-08X2.00	1-1/2
1990-32-08X2.00	2
1990-40-08X2.50	2-1/2
1990-48-10X2.50	3
1990-56-10X2.75	3-1/2
1990-64-10X2.75	4

1901 SPLIT FLANGE KIT - CODE 61



PART NO.	Flange Size
1901-08	1/2
1901-12	3/4
1901-16	1
1901-20	1 1/4

Continued...

California Proposition 65 Warning

WARNING: This product can expose you to chemicals including Lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information: www.P65Warnings.ca.gov

1990-62 SOCKET HEAD MOUNTING KIT - CODE 62



PART NO.	Flange Size
1990-08-05X2.00	1/2
1990-12-06X2.00	3/4
1990-16-07X2.50	1
1990-20-08X2.50	1-1/4
1990-24-10X3.00	1-1/2
1990-32-12X3.00	2

1990-M SOCKET HEAD MOUNTING KIT METRIC



PART NO.	Flange Size (mm)
1990-M08-K	8
1990-M10-K	10
1990-M12-K	12
1990-M16-K	16
1990-M20-K	20
1990-M24-K	24
1990-M30-K	30

1700 MJ-FLANGE STRAIGHT CODE 61	PAGE: 3	1936-62 FLAT SOCKET BLOCK PIPE CODE 62 (FLAT FACE)	PAGE: 14
1703 MJ-FLANGE 45 DEG ELBOW CODE 61	PAGE: 4	1937-61 FLAT SOCKET BLOCK TUBE CODE 61 (O-RING FACE)	PAGE: 15
1703-FG MJ-FLANGE 45 DEG CODE 61	PAGE: 4	1937-62 FLAT SOCKET BLOCK TUBE CODE 62 (O-RING FACE)	PAGE: 15
1704 MJ-FLANGE 90 DEG CODE 61	PAGE: 5	1938-61 FLAT SOCKET BLOCK TUBE CODE 61 (FLAT FACE)	PAGE: 15
1704-FG MJ-FLANGE 90 DEG CODE 61	PAGE: 5	1938-62 FLAT SOCKET BLOCK TUBE CODE 62 (FLAT FACE)	PAGE: 16
1710 MB-FLANGE STRAIGHT	PAGE: 3	1940-61 FLANGE SPACER WITH SIDE GAGE PORTS CODE 61	PAGE: 16
1724 FLANGE PLUGS - CODE 61	PAGE: 7	1940-62 FLANGE SPACER WITH SIDE GAGE PORTS CODE 62	PAGE: 16
1800 MJ-FLANGE STRAIGHT CODE 62	PAGE: 3	1942-61 PLUG BLOCK - CODE 61 (O-RING FACE)	PAGE: 9
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WARNING: Certain products in this catalog can expose you to chemicals which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

If you have any questions about whether any product is subject to California Proposition 65 warning requirements, please visit our website with reference to that product. For further information regarding Proposition 65, please visit www.P65Warnings.ca.gov or www.oehha.ca.gov.

*“Our mission is to provide best-in-class hydraulic,
pneumatic, and instrumentation products, leveraging
our extensive inventories with a consultative approach.
That is the Brennan difference.”*



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