

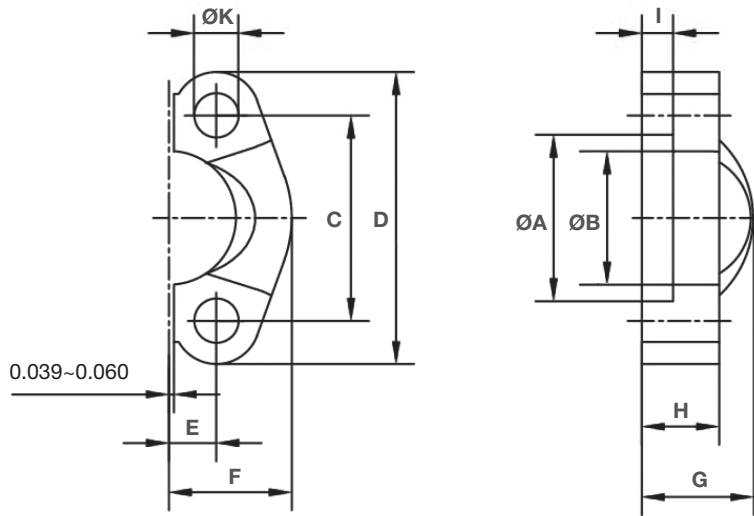
Hydraulic Flanges and Components



Strength in Products,
Strength in Service

Split Flange Halves and Kits

(SAE J518/ISO 6162 Type I, II)



Anfield kit includes:

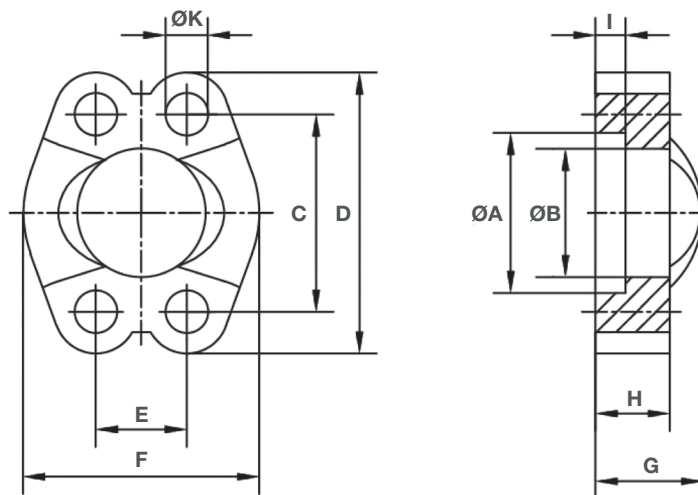
- (2) Split flange halves
- (4) Hex head screws with lock washers
- (1) O-ring (Buna-N)

Steel / Zinc Plated (CR3)

SIZE (in.)	KIT PART NO.	DIMENSIONS (in.)										MOUNTING HARDWARE		WT (lbs)	MAX WP (psi)
		A	B	C	D	E	F	G	H	I	K	HHCS	O-RING		
CODE 61 SPLIT FLANGE															
1/2"	F08SF-O	1.22	0.96	1.50	2.13	0.34	0.91	0.75	0.51	0.24	0.33	5/16-18X1.25	210	0.15	5000
3/4"	F12SF-O	1.53	1.26	1.88	2.56	0.44	1.02	0.87	0.56	0.24	0.41	3/8-16X1.25	214	0.22	5000
1"	F16SF-O	1.78	1.53	2.06	2.76	0.52	1.16	0.94	0.63	0.30	0.41	3/8-16X1.25	219	0.26	5000
1-1/4"	F20SF-O	2.04	1.72	2.31	3.11	0.59	1.44	0.87	0.55	0.30	0.47	7/16-14X1.50	222	0.35	4000
1-1/4"	F20SF-H-O	2.04	1.72	2.31	3.11	0.59	1.44	0.87	0.63	0.30	0.47	7/16-14X1.50	222	0.35	5000
1-1/2"	F24SF-O	2.41	2.00	2.75	3.66	0.70	1.63	0.98	0.63	0.30	0.53	1/2-13X1.50	225	0.55	3000
1-1/2"	F24SF-H-O	2.41	2.00	2.75	3.66	0.70	1.63	0.98	0.75	0.30	0.53	1/2-13X1.50	225	0.55	5000
2"	F32SF-O	2.84	2.47	3.06	4.02	0.84	1.91	1.02	0.63	0.35	0.53	1/2-13X1.50	228	0.60	3000
2"	F32SF-H-O	2.84	2.47	3.06	4.02	0.84	1.91	1.02	0.75	0.35	0.53	1/2-13X1.50	228	0.60	5000
2-1/2"	F40SF-O	3.34	2.95	3.50	4.49	1.00	2.13	1.50	0.75	0.35	0.53	1/2-13X1.75	232	0.93	2500
3"	F48SF-O	4.03	3.58	4.19	5.28	1.22	2.58	1.61	0.87	0.35	0.67	5/8-11X1.75	237	1.37	2000
3-1/2"	F56SF-O	4.53	4.03	4.75	5.98	1.38	2.76	1.10	0.87	0.42	0.67	5/8-11X2.00	241	1.57	500
4"	F64SF-O	5.03	4.53	5.13	6.38	1.53	2.99	1.38	0.98	0.42	0.67	5/8-11X2.00	245	1.79	500
5"	F80SF-O	6.43	5.53	6.00	7.24	1.81	3.56	1.61	1.10	0.42	0.67	5/8-11X3.00	253	2.54	500
CODE 62 SPLIT FLANGE															
1/2"	F08SFX-O	1.28	0.97	1.59	2.20	0.36	0.94	0.87	0.63	0.28	0.33	5/16-18X1.25	210	0.20	6000
3/4"	F12SFX-O	1.66	1.28	2	2.80	0.47	1.18	1.10	0.75	0.32	0.41	3/8-16X1.50	214	0.37	6000
1"	F16SFX-O	1.91	1.53	2.25	3.19	0.55	1.38	1.30	0.94	0.35	0.47	7/16-14X1.75	219	0.60	6000
1"	F16SFX-O-M	1.91	1.53	2.25	3.19	0.55	1.38	1.30	0.94	0.35	0.51	*M12X1.75	219	0.60	6000
1-1/4"	F20SFX-O	2.16	1.75	2.63	3.74	0.63	1.54	1.50	1.06	0.39	0.53	1/2-13X1.75 *(M12X1.75)	222	0.88	6000
1-1/4"	F20SFX-O-M	2.16	1.75	2.63	3.74	0.63	1.54	1.50	1.06	0.39	0.57	*M14X1.75	222	0.88	6000
1-1/2"	F24SFX-O	2.53	2.03	3.13	4.41	0.72	1.87	1.69	1.18	0.47	0.67	5/8-11X2.25	225	1.50	6000
2"	F32SFX-O	3.16	2.66	3.81	5.28	0.88	2.24	2.05	1.46	0.47	0.83	3/4-10X2.75	228	2.31	6000

Note:

- Part no. ending in -O are kit part # includes: (2) split flange halves, (4) hex head screws with washers, (1) Buna-N O-Ring
- Part no. ending in -2 includes: (1) split flange half only
- M = Metric (*)
- H = High pressure version (see max. working pressure column)

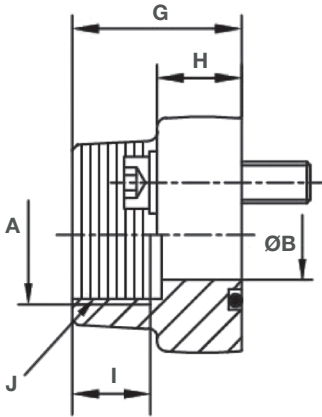


Steel / Zinc Plated (CR3)

SIZE (in.)	DRILLED PART NO.	TAPPED PART NO.	DIMENSIONS (in.)											WT (lbs)	MAX WP (psi)
			A	B	C	D	E	F	G	H	I	K (DRILLED)	K (TAPPED)		
CODE 61 CAPTIVE FLANGE															
1/2"	F8SFW	F8SFTW	1.22	0.96	1.50	2.13	0.69	1.81	0.75	0.51	0.24	0.33	5/16-18	0.31	5000
3/4"	F12SFW	F12SFTW	1.53	1.26	1.88	2.56	0.88	2.05	0.87	0.56	0.24	0.41	3/8-16	0.42	5000
1"	F16SFW	F16SFTW	1.78	1.53	2.06	2.76	1.04	2.32	0.94	0.63	0.30	0.41	3/8-16	0.49	5000
1-1/4"	F20SFW	F20SFTW	2.04	1.72	2.31	3.11	1.19	2.87	0.87	0.55	0.30	0.47	7/16-14	0.68	4000
1-1/2"	F24SFW	F24SFTW	2.41	2.00	2.75	3.66	1.41	3.27	0.98	0.63	0.30	0.53	1/2-13	1.08	3000
2"	F32SFW	F32SFTW	2.84	2.47	3.06	4.02	1.69	3.82	1.02	0.63	0.35	0.53	1/2-13	1.17	3000
2-1/2"	F40SFW	F40SFTW	3.34	2.95	3.50	4.49	2.00	4.29	1.50	0.75	0.35	0.53	1/2-13	1.79	2500
3"	F48SFW	F48SFTW	4.03	3.58	4.19	5.28	2.44	5.16	1.61	0.87	0.35	0.67	5/8-11	2.69	2000
3-1/2"	F56SFW	F56SFTW	4.53	4.03	4.75	5.98	2.75	5.51	1.10	0.87	0.42	0.67	5/8-11	3.11	500
4"	F64SFW	F64SFTW	5.03	4.53	5.13	6.38	3.06	5.98	1.38	0.98	0.42	0.67	5/8-11	3.57	500
5"	F80SFW	F80SFTW	6.43	5.53	6.00	7.24	3.63	7.13	1.61	1.10	0.42	0.67	5/8-11	5.07	500
CODE 62 CAPTIVE FLANGE															
1/2"	F8SFXW	F8SFXTW	1.28	0.97	1.59	2.20	0.72	1.89	0.87	0.63	0.28	0.33	5/16-18	0.40	6000
3/4"	F12SFXW	F12SFXTW	1.66	1.28	2	2.80	0.94	2.36	1.10	0.75	0.32	0.41	3/8-16	0.75	6000
1"	F16SFXW	F16SFXTW	1.91	1.53	2.25	3.19	1.09	2.76	1.30	0.94	0.35	0.47	7/16-14	1.28	6000
1-1/4"	F20SFXW	F20SFXTW	2.16	1.75	2.63	3.74	1.25	3.07	1.50	1.06	0.39	0.53	1/2-13	1.70	6000
1-1/2"	F24SFXW	F24SFXTW	2.53	2.03	3.13	4.41	1.44	3.74	1.69	1.18	0.47	0.67	5/8-11	2.98	6000
2"	F32SFXW	F32SFXTW	3.16	2.66	3.81	5.28	1.75	4.49	2.05	1.46	0.47	0.83	3/4-10	4.65	6000

SAE Female Threaded Flange

NPT Thread



**Figure 1
O-RING**

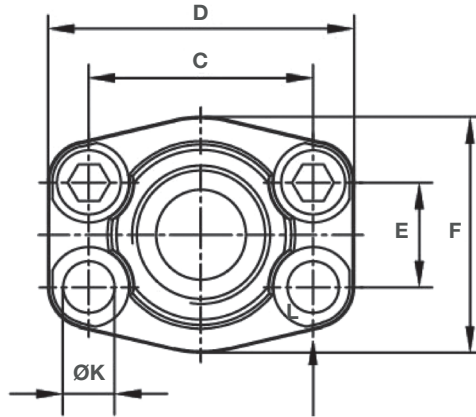
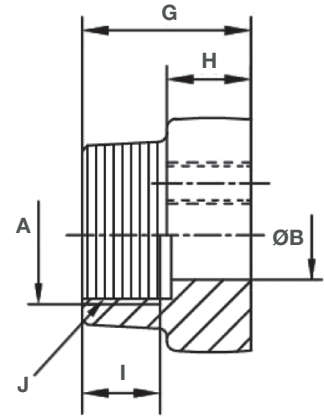


Fig 1 Fig 2



**Figure 2
FLAT FACE**

Anfield kit includes:

- (1) O-Ring flange (NPT port)
- (4) bolts with lock washers
- (1) O-ring (Buna-N)

Steel / Oiled

SIZE (in.)	O-RING PART NO. FIG. 1	FLAT FACE PART NO. FIG. 2	DIMENSIONS (in.)												MOUNTING HARDWARE		WT (lbs)	MAX WP (psi)
			A	B	C	D	E	F	G	H	I	J	K	L UNC-2B	O-RING	SHCS		
CODE 61 NPT THREAD																		
1/2"	F43-8-8-U	F104-8-8	NPT 1/2"	0.51	1.50	2.13	0.69	1.81	1.42	0.63	0.75	1/2-14	0.35	5/16-18	210	5/16-18X1.25	0.55	5000
3/4"	F43-12-12-U	F104-12-12	NPT 3/4"	0.75	1.88	2.56	0.88	1.97	1.42	0.71	0.75	3/4-14	0.43	3/8-16	214	3/8-16X1.50	0.86	5000
1"	F43-16-16-U	F104-16-16	NPT 1"	0.98	2.06	2.76	1.03	2.17	1.50	0.71	0.87	1-11.5	0.43	3/8-16	219	3/8-16X1.50	1.08	5000
1-1/4"	F43-20-20-U	F104-20-20	NPT 1-1/4"	1.26	2.31	3.11	1.19	2.68	1.61	0.83	0.87	1-1/4-11.5	0.45	7/16-14	222	7/16-14X1.75	1.57	4000
1-1/2"	F43-24-24-U	F104-24-24	NPT 1-1/2"	1.50	2.75	3.66	1.41	3.07	1.77	0.98	0.94	1-1/2-11.5	0.53	1/2-13	225	1/2-13X1.75	2.49	3000
2"	F43-32-32-U	F104-32-32	NPT 2"	2.01	3.06	4.02	1.69	3.54	1.77	0.98	1.18	2-11.5	0.53	1/2-13	228	1/2-13X1.75	2.87	3000
2-1/2"	F43-40-40-U	F104-40-40	NPT 2-1/2"	2.48	3.50	4.49	2.00	4.13	1.97	0.98	1.18	2-1/2-8	0.53	1/2-13	232	1/2-13X1.75	3.97	2500
3"	F43-48-48-U	F104-48-48	NPT 3"	2.87	4.19	5.28	2.44	4.88	1.97	1.06	1.34	3-8	0.67	5/8-11	237	5/8-11X2.00	5.07	2000
CODE 62 NPT THREAD																		
1/2"	F44-8-8-U	F45-8-8	NPT 1/2"	0.51	1.59	2.20	0.72	1.89	1.42	0.63	0.75	1/2-14	0.35	5/16-18	210	5/16-18X1.25	0.66	6000
3/4"	F44-12-12-U	F45-12-12	NPT 3/4"	0.75	2.00	2.80	0.94	2.17	1.38	0.83	0.87	3/4-14	0.43	3/8-16	214	3/8-16X1.50	0.79	6000
1"	F44-16-16-U	F45-16-16	NPT 1"	0.98	2.25	3.19	1.09	2.56	1.65	0.98	0.87	1-11.5	0.51	7/16-14	219	7/16-14X1.75	1.87	6000
1-1/4"	F44-20-20-U	F45-20-20	NPT 1-1/4"	1.26	2.63	3.74	1.25	3.07	1.77	1.06	0.98	1-1/4-11.5	0.59	1/2-13	222	1/2-13X1.75	2.67	6000
1-1/2"	F44-24-24-U	F45-24-24	NPT 1-1/2"	1.50	3.13	4.41	1.44	3.70	1.97	1.18	1.10	1-1/2-11.5	0.67	5/8-11	225	5/8-11X2.25	4.19	6000
2"	F44-32-32-U	F45-32-32	NPT 2"	2.01	3.81	5.28	1.75	4.49	2.56	1.46	1.26	2-11.5	0.83	3/4-10	228	3/4-10X2.75	7.50	6000

Note:

1. Mounting kit available on O-ring grooved flanges by adding suffix letter "U" to part number.

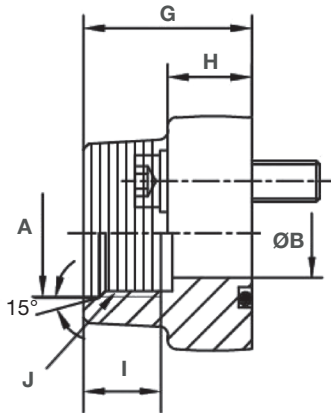


Figure 1
O-RING

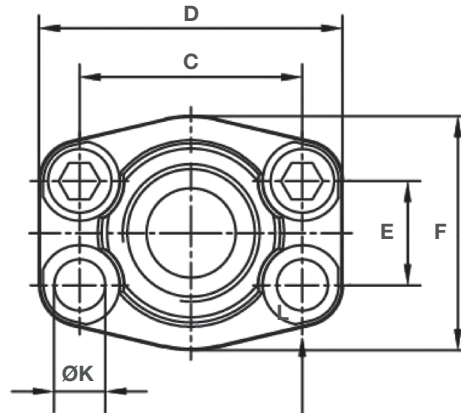


Fig 1

Fig 2

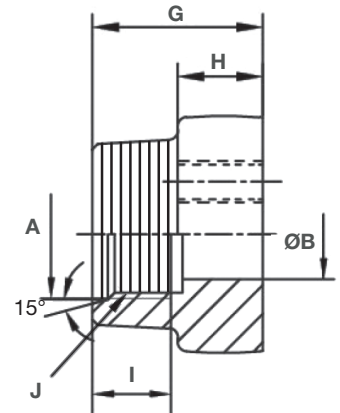


Figure 2
FLAT FACE

Anfield kit includes:

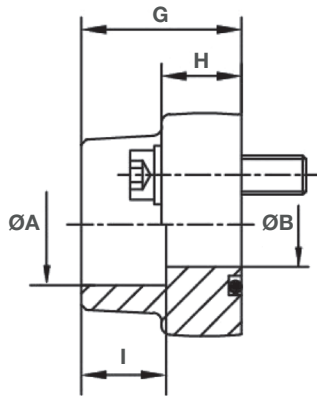
- (1) O-Ring flange (SAE port)
- (4) bolts with lock washers
- (1) O-ring (Buna-N)

Steel / Oiled

SIZE (in.)	O-RING PART NO. FIG. 1	FLAT FACE PART NO. FIG. 2	DIMENSIONS (in.)												MOUNTING HARDWARE		WT (lbs)	MAX WP (psi)
			A	B	C	D	E	F	G	H	I	K	J	L UNC-2B	O-RING	SHCS		
CODE 61 SAE STRAIGHT THREAD																		
1/2"	F46-8-8-U	F106-8-8	3/4"-16UNF	0.51	1.50	2.13	0.69	1.81	1.42	0.63	0.67	0.35	3/4-16	5/16-18	210	5/16-18X1.25	0.57	5000
3/4"	F46-12-12-U	F106-12-12	1-1/16"-12UN	0.75	1.88	2.56	0.88	1.97	1.42	0.71	0.91	0.43	1-1/16-12	3/8-16	214	3/8-16X1.50	0.79	5000
1"	F46-16-16-U	F106-16-16	1-5/16"-12UN	0.98	2.06	2.76	1.03	2.17	1.50	0.71	0.91	0.43	1-5/16-12	3/8-16	219	3/8-16X1.50	0.95	5000
1-1/4"	F46-20-20-U	F106-20-20	1-5/8"-12UN	1.26	2.31	3.11	1.19	2.68	1.61	0.83	0.91	0.45	1-5/8-12	7/16-14	222	7/16-14X1.75	1.41	4000
1-1/2"	F46-24-24-U	F106-24-24	1-7/8"-12UN	1.50	2.75	3.66	1.41	3.07	1.77	0.98	0.91	0.53	1-7/8-12	1/2-13	225	1/2-13X1.75	2.20	3000
2"	F46-32-32-U	F106-32-32	2-1/2"-12UN	2.01	3.06	4.02	1.69	3.54	1.77	0.98	0.91	0.53	2-1/2-12	1/2-13	228	1/2-13X1.75	2.51	3000
2-1/2"	F46-40-40-U	F106-40-40	3"-12UN	2.48	3.50	4.49	2.00	4.13	1.97	0.98	1.18	0.53	3-12	1/2-13	232	1/2-13X1.75	3.53	2500
3"	F46-48-48-U	F106-48-48	3-1/2"-12UN	2.87	4.19	5.28	2.44	4.88	1.97	1.06	1.34	0.67	3-1/2-12	5/8-11	237	5/8-11X2.00	5.07	2000
4"	F46-64-64-U	F106-64-64	4-1/2"-12UN	3.90	5.13	6.38	3.06	5.75	1.89	1.06	1.34	0.67	4-1/2-12	5/8-11	245	5/8-11X2.00	6.39	500
CODE 62 SAE STRAIGHT THREAD																		
1/2"	F48-8-8-U	F49-8-8	3/4"-16UNF	0.51	1.59	2.20	0.72	1.89	1.42	0.63	0.67	0.35	3/4-16	5/16-18	210	5/16-18X1.25	0.68	6000
3/4"	F48-12-12-U	F49-12-12	1-1/16"-12UN	0.75	2.00	2.80	0.94	2.17	1.38	0.83	0.91	0.43	1-1/16-12	3/8-16	214	3/8-16X1.50	1.10	6000
1"	F48-16-16-U	F49-16-16	1-5/16"-12UN	0.98	2.25	3.19	1.09	2.56	1.65	0.98	0.91	0.51	1-5/16-12	7/16-14	219	7/16-14X1.75	1.72	6000
1-1/4"	F48-20-20-U	F49-20-20	1-5/8"-12UN	1.26	2.63	3.74	1.25	3.07	1.77	1.06	0.91	0.59	1-5/8-12	1/2-13	222	1/2-13X1.75	2.54	6000
1-1/2"	F48-24-24-U	F49-24-24	1-7/8"-12UN	1.50	3.13	4.41	1.44	3.70	1.97	1.18	0.91	0.67	1-7/8-12	5/8-11	225	5/8-11X2.25	4.01	6000
2"	F48-32-32-U	F49-32-32	2-1/2"-12UN	2.01	3.81	5.28	1.75	4.49	2.56	1.46	0.91	0.83	2-1/2-12	3/4-10	228	3/4-10X2.75	6.88	6000

Note:

1. Mounting kit available on O-ring grooved flanges by adding suffix letter "U" to part number.



**Figure 1
O-RING**

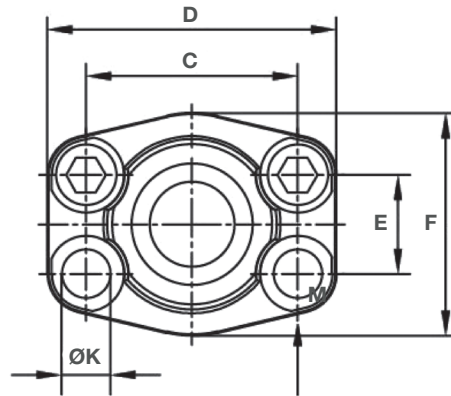
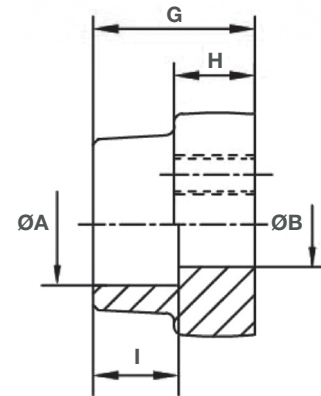


Fig 1 Fig 2



**Figure 2
FLAT FACE**

- O-Ring flange includes:
O-Ring, (4) bolts and
lock washers.

SIZE (in.)	O-RING PART NO. Fig 1	FLAT FACE PART NO. Fig 2	DIMENSIONS (in.)											MOUNTING HARDWARE		WT (lbs)	MAX WP (psi)
			A	B	C	D	E	F	G	H	I	K	M UNC-2B	O-RING	SHCS		
CODE 61																	
1/2"	F31-8-8-U	F3-8-8	0.85	0.51	1.50	2.13	0.69	1.81	1.42	0.63	0.75	0.35	5/16-18	210	5/16-18X1.25	0.55	5000
3/4"	F31-12-12-U	F3-12-12	1.07	0.75	1.88	2.56	0.88	1.97	1.42	0.71	0.75	0.43	3/8-16	214	3/8-16X1.50	0.86	5000
1"	F31-16-16-U	F3-16-16	1.34	0.98	2.06	2.76	1.03	2.17	1.50	0.71	0.75	0.43	3/8-16	219	3/8-16X1.50	1.08	5000
1-1/4"	F31-20-20-U	F3-20-20	1.69	1.26	2.31	3.11	1.19	2.68	1.61	0.83	0.87	0.45	7/16-14	222	7/16-14X1.75	1.57	4000
1-1/2"	F31-24-24-U	F3-24-24	1.91	1.50	2.75	3.66	1.41	3.07	1.77	0.98	0.94	0.53	1/2-13	225	1/2-13X1.75	2.49	3000
2"	F31-32-32-U	F3-32-32	2.40	2.01	3.06	4.02	1.69	3.54	1.77	0.98	1.02	0.53	1/2-13	228	1/2-13X1.75	2.87	3000
2-1/2"	F31-40-40-U	F3-40-40	3.09	2.48	3.50	4.49	2.00	4.17	1.97	0.98	1.18	0.53	1/2-13	232	1/2-13X1.75	3.53	2500
3"	F31-48-48-U	F3-48-48	3.56	2.87	4.19	5.28	2.44	4.88	1.97	1.06	1.34	0.67	5/8-11	237	5/8-11X2.00	5.07	2000
3-1/2"	F31-56-56-U	F3-56-56	4.06	3.50	4.75	5.98	2.75	5.35	1.89	1.06	1.34	0.67	5/8-11	241	5/8-11X2.75	5.51	500
4"	F31-64-64-U	F3-64-64	4.55	3.90	5.13	6.38	3.06	5.83	1.89	1.06	1.34	0.67	5/8-11	245	5/8-11X2.75	6.39	500
5"	F31-80-80-U	F3-80-80	5.59	4.72	6.00	7.24	3.63	7.09	1.97	1.14	1.10	0.67	5/8-11	253	5/8-11X3.00	8.82	500
CODE 62																	
1/2"	F81-8-8-U	F80-8-8	0.85	0.51	1.59	2.20	0.72	1.89	1.42	0.63	0.75	0.35	5/16-18	210	5/16-18X1.25	0.66	6000
3/4"	F81-12-12-U	F80-12-12	1.07	0.75	2.00	2.80	0.94	2.17	1.38	0.83	0.87	0.43	3/8-16	214	3/8-16X1.50	1.23	6000
1"	F81-16-16-U	F80-16-16	1.34	0.98	2.25	3.19	1.09	2.56	1.65	0.98	0.87	0.51	7/16-14	219	7/16-14X1.75	1.87	6000
1-1/4"	F81-20-20-U	F80-20-20	1.69	1.26	2.63	3.74	1.25	3.07	1.77	1.06	0.98	0.59	1/2-13	222	1/2-13X1.75	2.67	6000
1-1/2"	F81-24-24-U	F80-24-24	1.91	1.50	3.13	4.41	1.44	3.70	1.97	1.18	1.10	0.67	5/8-11	225	5/8-11X2.25	4.19	6000
2"	F81-32-32-U	F80-32-32	2.40	2.01	3.81	5.28	1.75	4.49	2.56	1.46	1.26	0.83	3/4-10	228	3/4-10X2.75	7.50	6000
2-1/2"	F81-40-40-U	F80-40-40	3.09	2.48	4.88	7.09	2.31	5.98	3.15	1.77	1.18	0.98	7/8-9	232	7/8-9X3.50	18.30	6000
3"	F81-48-48-U	F80-48-48	3.56	2.87	6.00	8.19	2.81	7.01	3.54	2.17	1.18	1.26	1-1/8-7	237	1-1/8-7X4.50	36.38	6000

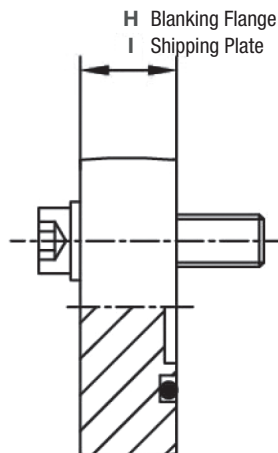


Figure 1
O-RING

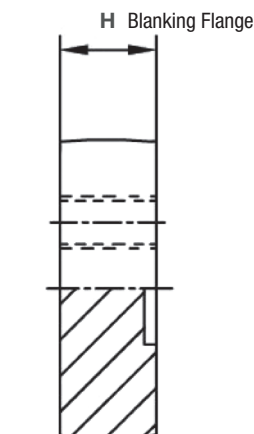
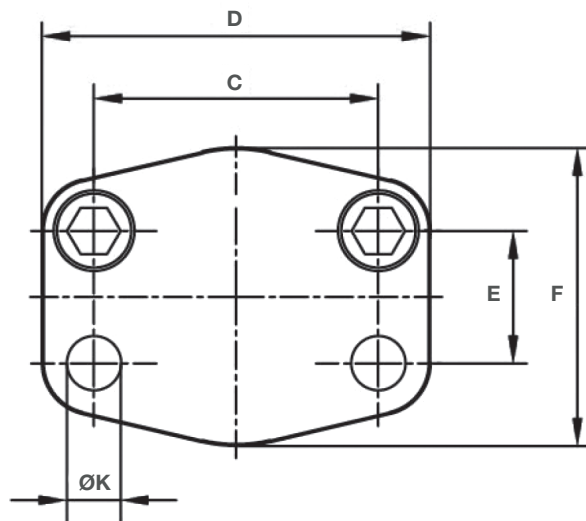
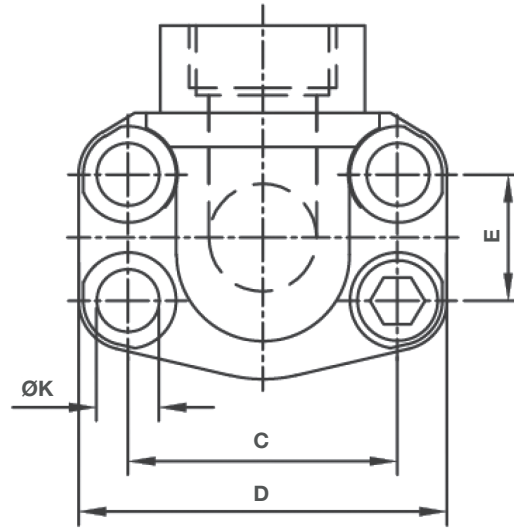
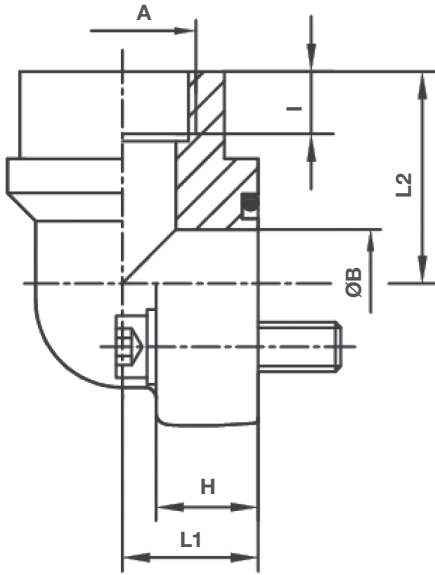


Figure 2
FLAT FACE

SIZE (in.)	O-RING PART NO. Fig 1	FLAT FACE PART NO. Fig 1 to 2	O-PSI SHIPPING PLATE O-RING KIT PART NO.	DIMENSIONS (in.)							MOUNTING HARDWARE		WT (lbs)	MAX WP (psi)
				C	D	E	F	H	I	K	O-RING	SHCS		
CODE 61														
1/2"	F36-8-8-U	F37-8-8	FSP-8-U	1.50	2.13	0.69	1.81	0.63	0.32	0.35	210	5/16-18X1.50	0.53	5000
3/4"	F36-12-12-U	F37-12-12	FSP-12-U	1.88	2.56	0.88	1.97	0.63	0.32	0.43	214	3/8-16X1.50	0.66	5000
1"	F36-16-16-U	F37-16-16	FSP-16-U	2.06	2.76	1.03	2.36	0.75	0.32	0.43	219	3/8-16X1.75	0.99	5000
1-1/4"	F36-20-20-U	F37-20-20	FSP-20-U	2.31	3.11	1.19	2.68	0.71	0.32	0.45	222	7/16-14X1.75	1.32	4000
1-1/2"	F36-24-24-U	F37-24-24	FSP-24-U	2.75	3.66	1.41	3.07	0.79	0.32	0.53	225	1/2-13X2.25	1.83	3000
2"	F36-32-32-U	F37-32-32	FSP-32-U	3.06	4.02	1.69	3.54	0.79	0.32	0.53	228	1/2-13X2.50	2.56	3000
2-1/2"	F36-40-40-U	F37-40-40	FSP-40-U	3.50	4.49	2.00	4.13	0.79	0.32	0.53	232	1/2-13X2.75	3.09	2500
3"	F36-48-48-U	F37-48-48	FSP-48-U	4.19	5.28	2.44	4.88	0.94	0.32	0.69	237	5/8-11X3.50	5.18	2000
3-1/2"	F36-56-56-U	F37-56-56	FSP-56-U	4.75	5.98	2.75	5.35	0.87	0.32	0.69	241	5/8-11X2.75	7.05	500
4"	F36-64-64-U	F37-64-64	FSP-64-U	5.13	6.38	3.06	5.75	0.98	0.32	0.69	245	5/8-11X2.75	8.38	500
5"	F35-80-80-U	F37-80-80	FSP-80-U	6.00	7.48	3.63	6.69	1.10	0.32	0.69	253	5/8-11X3.00	9.26	500
CODE 62														
1/2"	F38-8-8-U	F39-8-8	FSPX-8-U	1.59	2.20	0.72	1.89	0.63	0.32	0.35	210	5/16-18X2.00	0.55	6000
3/4"	F38-12-12-U	F39-12-12	FSPX-12-U	2.00	2.80	0.94	2.36	0.75	0.32	0.43	214	3/8-16X2.00	1.06	6000
1"	F38-16-16-U	F39-16-16	FSPX-16-U	2.25	3.19	1.09	2.76	0.94	0.32	0.51	219	7/16-14X2.50	1.70	6000
1-1/4"	F38-20-20-U	F39-20-20	FSPX-20-U	2.63	3.74	1.25	3.07	1.06	0.32	0.59	222	1/2-13X2.50	2.49	6000
1-1/2"	F38-24-24-U	F39-24-24	FSPX-24-U	3.13	4.41	1.44	3.70	1.18	0.32	0.67	225	5/8-11X3.00	3.97	6000
2"	F38-32-32-U	F39-32-32	FSPX-32-U	3.81	5.28	1.75	4.49	1.10	0.32	0.83	228	3/4-10X3.00	5.29	6000
2-1/2"	F38-40-40-U	F39-40-40	FSPX-40-U	4.88	7.09	2.31	5.98	1.77	0.32	1.02	232	7/8-9X3.50	11.68	6000
3"	F38-48-48-U	F39-48-48	FSPX-48-U	6.00	8.19	2.81	7.01	2.17	0.32	1.26	237	1-1/8-7X4.50	19.84	6000

Threaded Elbow Flanges (90°)

NPT Thread



Anfield kit includes:

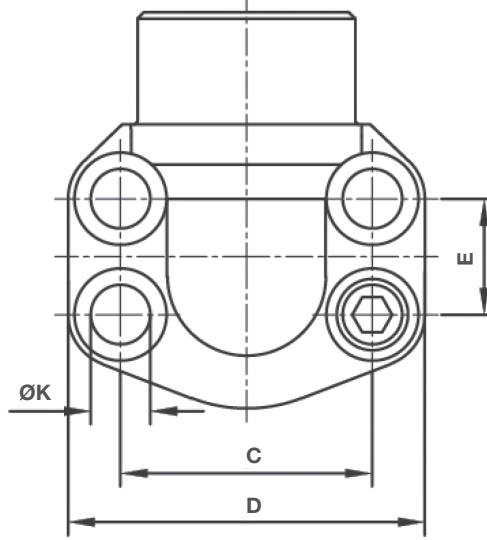
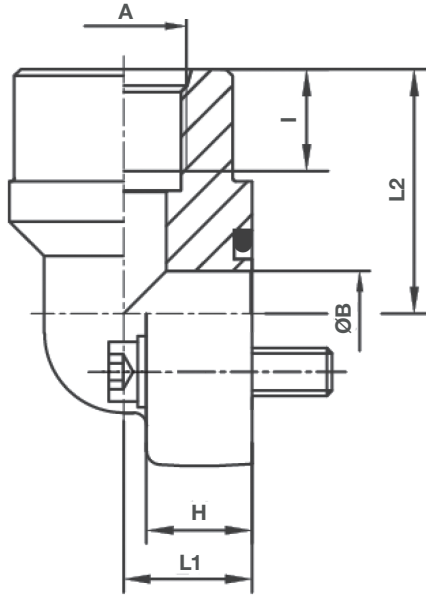
- (1) 90° elbow flange
- (4) bolts with lock washers
- (1) O-ring (Buna-N)

Steel / Oiled

SIZE (in.)	ANFIELD PART NO.		DIMENSIONS (in.)										MOUNTING HARDWARE			WT (lbs)	MAX WP (psi)
	FLANGE ONLY	ADD FOR KIT											SHCS		O-RING		
			A	B	C	D	E	H	I	L1	L2	K	U	M			
CODE 61 ELBOW - NPT THREAD																	
1/2"	F168E-8-8	-U -M	NPT 1/2"	0.51	1.50	2.13	0.69	0.63	0.71	0.79	1.46	0.35	5/16-18 UNC-2B X1.25	M8 x 1.25 x 30	210	0.73	5000
3/4"	F168E-12-12	-U -M	NPT 3/4"	0.75	1.88	2.56	0.88	0.71	0.71	0.94	1.54	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	214	1.08	5000
1"	F168E-16-16	-U -M	NPT 1"	0.98	2.06	2.76	1.03	0.75	0.75	1.10	1.73	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	219	1.46	5000
1-1/4"	F168E-20-20	-U -M	NPT 1-1/4"	1.26	2.31	3.11	1.19	0.83	0.87	1.34	2.05	0.45	7/16-14 UNC-2B X1.75	M10 x 1.50 x 40	222	3.31	4000
1-1/2"	F168E-24-24	-U -M	NPT 1-1/2"	1.50	2.75	3.66	1.41	0.98	0.94	1.50	2.24	0.53	1/2-13 UNC-2B X1.75	M12 x 1.75 x 45	225	3.64	3000
2"	F168E-32-32	-U -M	NPT 2"	2.01	3.06	4.02	1.69	0.98	1.06	1.65	2.56	0.53	1/2-13 UNC-2B X1.75	M12 x 1.75 x 45	228	4.41	3000
CODE 62 ELBOW - NPT THREAD																	
1/2"	F188E-8-8	-U -M	NPT 1/2"	0.51	1.59	2.20	0.72	0.63	0.75	0.79	1.50	0.35	5/16-18 UNC-2B X1.25	M8 x 1.25 x 30	210	0.77	6000
3/4"	F188E-12-12	-U -M	NPT 3/4"	0.75	2.00	2.80	0.94	0.75	0.75	1.10	1.69	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	214	1.65	6000
1"	F188E-16-16	-U -M	NPT 1"	0.98	2.25	3.11	1.09	0.83	0.79	1.34	2.01	0.51	7/16-14 UNC-2B X1.75	M12 x 1.75 x 40	219	2.31	6000
1-1/4"	F188E-20-20	-U	NPT 1-1/4"	1.26	2.63	3.66	1.25	0.98	0.87	1.50	2.20	0.53	1/2-13 UNC-2B X1.75	-	222	3.20	6000
1-1/4"	F188E-20-20	-M	NPT 1-1/4"	1.26	2.63	3.66	1.25	0.98	0.87	1.50	2.20	0.59	-	M14 x 1.75 x 45	222	3.20	6000
1-1/2"	F188E-24-24	-U -M	NPT 1-1/2"	1.50	3.13	4.33	1.44	0.98	0.94	1.65	2.56	0.67	5/8-11 UNC-2B X2.00	M16 x 2.00 x 50	225	6.17	6000
2"	F188E-32-32	-U -M	NPT 2"	2.01	3.81	5.28	1.75	1.30	1.06	1.77	2.95	0.83	3/4-10 UNC-2B X2.75	M8 x 1.25 x 30	228	8.82	6000

Note:

- For UNC flange kit add suffix letter 'U' to part number ending, Kit includes: (1) flange, (4) UNC bolts with lock washers, (1) Buna-N O-Ring.
- For Metric flange kit add suffix letter 'M' to part number ending, Kit includes: (1) flange, (4) Metric bolts with lock washers, (1) Buna-N O-Ring.
- For flange ONLY (without mounting hardware) add -NO HARDWARE. Example: F168E-20-20-NO HARDWARE is 1-1/4" Code 61 flange only.
- For 1-1/4 CD 62 model only, if flange ONLY is required, part no. is as follows for the UNC or Metric versions:
 - Part no. F188E-20-20-U-NO HARDWARE is the FLANGE ONLY for use with 1/2" UNC bolts. (Mounting thru-hole diameter K=0.53")
 - Part no. F188E-20-20-M-NO HARDWARE is the FLANGE ONLY for use with M14 bolts. (Mounting thru-hole diameter K=0.59")



Anfield kit includes:

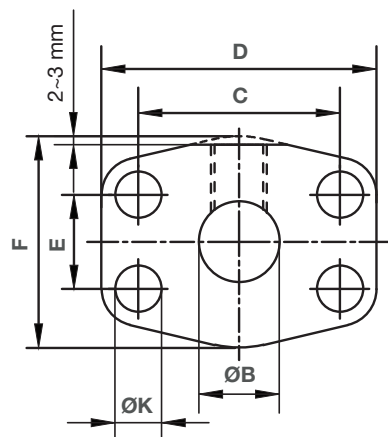
- (1) 90° elbow flange
- (4) bolts with lock washers
- (1) O-ring (Buna-N)

Steel / Oiled

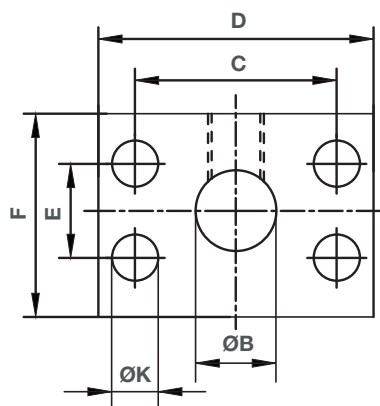
SIZE (in.)	ANFIELD PART NO.		DIMENSIONS (in.)										MOUNTING HARDWARE			WT (lbs)	MAX WP (psi)
	FLANGE ONLY	ADD FOR KIT											SHCS		O-RING		
			A	B	C	D	E	H	I	L1	L2	K	U	M			
CODE 61 ELBOW - SAE THREAD																	
1/2"	F164E-8-8	-U -M	3/4"- 16UNF	0.51	1.50	2.13	0.69	0.63	0.67	0.79	1.46	0.35	5/16-18 UNC-2B X1.25	M8 x 1.25 x 30	210	0.73	5000
3/4"	F164E-12-12	-U -M	1-1/16"-12UN	0.75	1.88	2.56	0.88	0.71	0.91	0.94	1.54	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	214	1.08	5000
1"	F164E-16-16	-U -M	1-5/16"-12UN	0.98	2.06	2.76	1.03	0.75	0.91	1.10	1.73	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	219	1.46	5000
1-1/4"	F164E-20-20	-U -M	1-5/8"-12UN	1.26	2.31	3.11	1.19	0.83	0.91	1.34	2.05	0.45	7/16-14 UNC-2B X1.75	M10 x 1.50 x 40	222	3.31	4000
1-1/2"	F164E-24-24	-U -M	1-7/8"-12UN	1.50	2.75	3.66	1.41	0.98	0.91	1.50	2.24	0.53	1/2-13 UNC-2B X1.75	M12 x 1.75 x 45	225	3.64	3000
2"	F164E-32-32	-U -M	2-1/2"-12UN	2.01	3.06	4.02	1.69	0.98	0.91	1.65	2.56	0.53	1/2-13 UNC-2B X1.75	M12 x 1.75 x 45	228	4.41	3000
CODE 62 ELBOW - SAE THREAD																	
1/2"	F184E-8-8	-U -M	3/4"-16UNF	0.51	1.59	2.20	0.72	0.63	0.67	0.79	1.50	0.35	5/16-18 UNC-2B X1.25	M8 x 1.25 x 30	210	0.77	6000
3/4"	F184E-12-12	-U -M	1-1/16"-12UN	0.75	2.00	2.80	0.94	0.75	0.91	1.10	1.69	0.43	3/8-16 UNC-2B X1.50	M10 x 1.50 x 35	214	1.65	6000
1"	F184E-16-16	-U -M	1-5/16"-12UN	0.98	2.25	3.11	1.09	0.83	0.91	1.34	2.01	0.51	7/16-14 UNC-2B X1.75	M12 x 1.75 x 40	219	2.31	6000
1-1/4"	F184E-20-20	-U	1-5/8"-12UN	1.26	2.63	3.66	1.25	0.98	0.91	1.50	2.20	0.53	1/2-13 UNC-2B X1.75	-	222	3.20	6000
1-1/4"	F184E-20-20	-M	1-5/8"-12UN	1.26	2.63	3.66	1.25	0.98	0.91	1.50	2.20	0.59	-	M14 x 1.75 x 45	222	3.20	6000
1-1/2"	F184E-24-24	-U -M	1-7/8"-12UN	1.50	3.13	4.33	1.44	0.98	0.91	1.65	2.56	0.67	5/8-11 UNC-2B X2.00	M16 x 2.00 x 50	225	6.17	6000
2"	F184E-32-32	-U -M	2-1/2"-12UN	2.01	3.81	5.28	1.75	1.30	0.91	1.77	2.95	0.83	3/4-10 UNC-2B X2.75	M8 x 1.25 x 30	228	8.82	6000

Note:

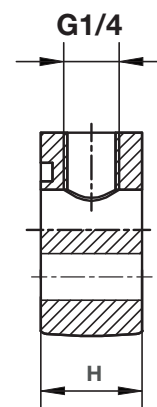
- For UNC flange kit add suffix letter 'U' to part number ending, Kit includes: (1) flange, (4) UNC bolts with lock washers, (1) Buna-N O-Ring.
- For Metric flange kit add suffix letter 'M' to part number ending, Kit includes: (1) flange, (4) Metric bolts with lock washers, (1) Buna-N O-Ring.
- For flange ONLY (without mounting hardware) add -NO HARDWARE. Example: F164E-20-20-NO HARDWARE is 1-1/4" Code 61 flange only.
- For 1-1/4 CD 62 model only, if flange ONLY is required, part no. is as follows for the UNC or Metric versions:
 - Part no. F184E-20-20-U-NO HARDWARE is the FLANGE ONLY for use with 1/2" UNC bolts. (Mounting thru-hole diameter K=0.53")
 - Part no. F184E-20-20-M-NO HARDWARE is the FLANGE ONLY for use with M14 bolts. (Mounting thru-hole diameter K=0.59")



Form A



Form B



ANFIELD STANDARD

Available gauge port options:

1/4" BSPP gauge port
1/4" NPT gauge port
SAE-4 gauge port
M10 gauge port
1/4" NPT & SAE-4 dual gauge port

Ordering Code: Flange Size □□

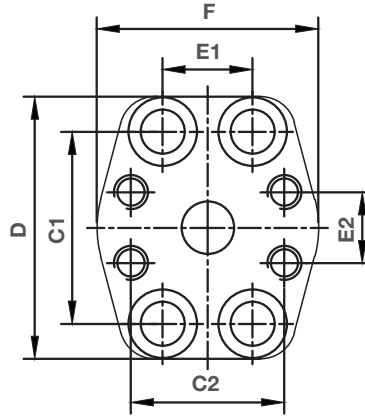
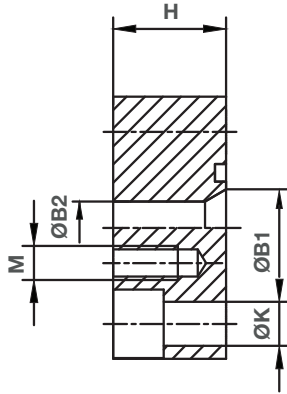
FAS-GP-□□-G1/4 (Anfield Standard)
FAS-GP-□□-N1/4
FAS-GP-□□-SAE4
FAS-GP-□□-M10
FAS-GP-□□-N1/4+SAE4

Material:

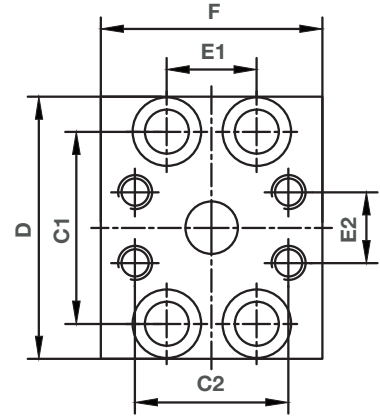
- Carbon Steel
Bare - oiled
Zinc Cr3 finish
Nickel-zinc finish
- AISI 321/304
- AISI 316L

FAS-GP-□□-□□□□
FAS-GP-□□-□□□□-ZnCr3
FAS-GP-□□-□□□□-NiZn
FAS-GP-□□-□□□□-X
FAS-GP-□□-□□□□-XX

SIZE (in.)	KIT PART NO.								WT (lbs)	MAX WP (psi)
		B	C	D	E	F	H	K		
SAE CODE 61 3000 psi										
1/2"	FAS-GP-8-□□□	0.51	1.50	2.20	0.69	1.81	0.94	0.35	0.71	5000
3/4"	FAS-GP-12-□□□	0.75	1.88	2.56	0.88	1.97	0.94	0.43	0.82	5000
1"	FAS-GP-16-□□□	0.98	2.06	2.80	1.03	2.39	0.94	0.43	1.04	5000
1-1/4"	FAS-GP-20-□□□	1.26	2.31	3.11	1.19	2.68	0.94	0.49	1.26	4000
1-1/2"	FAS-GP-24-□□□	1.50	2.75	3.66	1.41	3.07	0.94	0.53	1.76	3000
2"	FAS-GP-32-□□□	2.01	3.06	4.02	1.69	3.54	0.94	0.53	2.07	3000
2-1/2"	FAS-GP-40-□□□	2.48	3.50	4.49	2.00	4.13	0.98	0.53	2.69	2500
3"	FAS-GP-48-□□□	2.87	4.19	5.28	2.44	4.88	0.91	0.69	3.46	2000
SAE CODE 62 6000 psi										
1/2"	FASX-GP-8-□□□	0.51	1.50	2.20	0.72	1.81	0.94	0.35	0.71	6000
3/4"	FASX-GP-12-□□□	0.75	2.00	2.80	0.94	2.39	0.94	0.43	1.10	6000
1"	FASX-GP-16-□□□	0.98	2.25	3.19	1.09	2.76	0.94	0.51	1.46	6000
1-1/4"	FASX-GP-20-□□□	1.26	2.63	3.78	1.25	3.15	0.94	0.59	1.90	6000
1-1/2"	FASX-GP-24-□□□	1.50	3.13	4.41	1.44	3.70	0.94	0.67	2.75	6000
2"	FASX-GP-32-□□□	2.01	3.81	5.28	1.75	4.49	0.94	0.83	3.73	6000



Form A



Form B

Ordering Code:

FPA-B1-B2

B1 O-Ring face

B2 Flat face

Ordering Example:

FPA-20-16:

1¼"CD61 to 1"CD61

O-Ring Flat

Material:

- Carbon Steel
Bare - oiled
Zinc Cr3 finish
Nickel-zinc finish
- AISI 321/304
- AISI 316L

FPA-□□-□□ (Anfield standard)

FPA-□□-□□-ZnCr3

FPA-□□-□□-NiZn

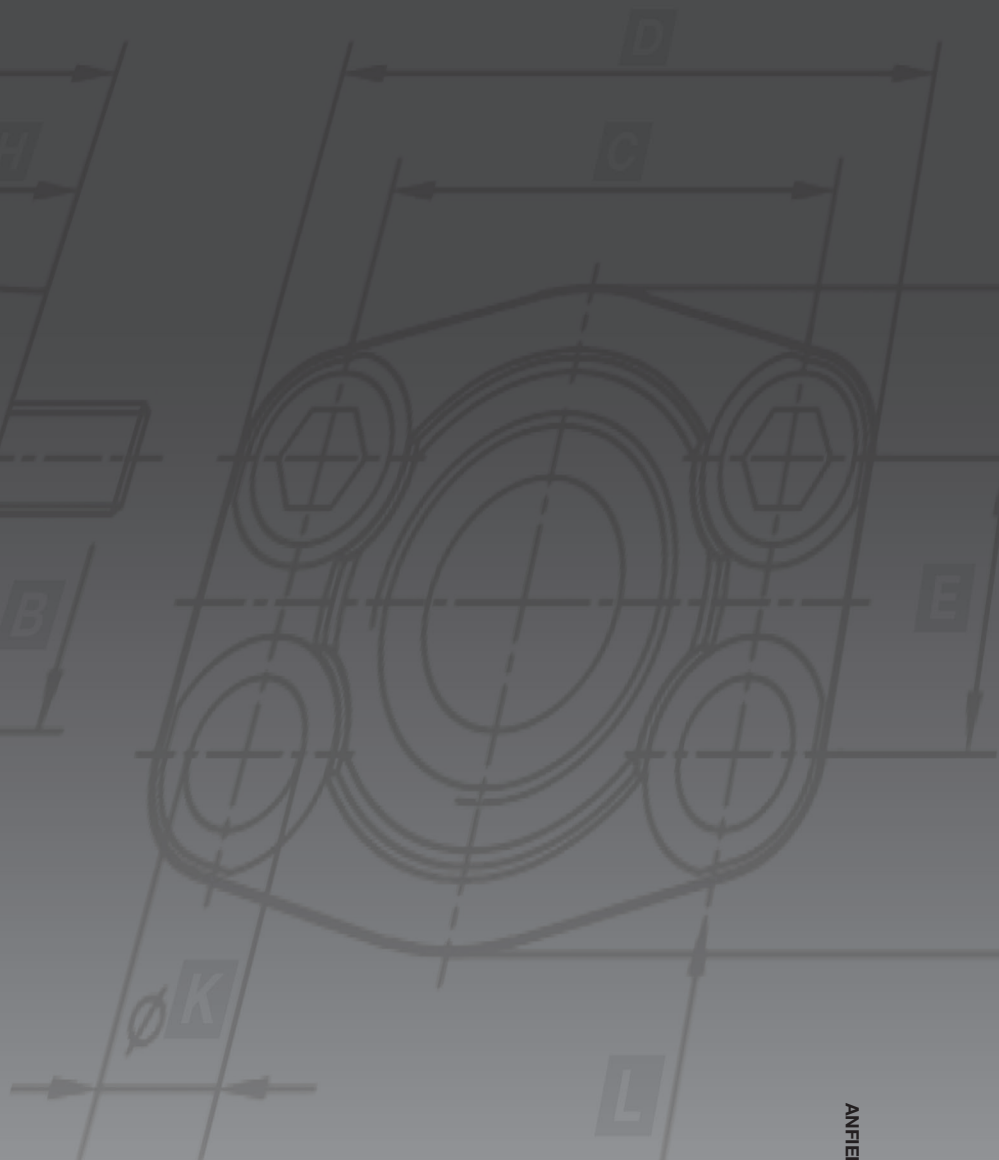
FPA-□□-□□-X

FPA-□□-□□-XX

SIZE (in.)	ANFIELD PART NO. <i>FPA</i> - o-ring face - flat face	DIMENSIONS (in.)											ACCESSORIES		WT (lbs)	MAX WP (psi)
		B1	B2	C1	C2	D	E1	E2	F	H	K	M	BOLT	O-RING		
SAE CODE 61 3000 psi																
3/4" -1/2"	FPA-12-8	0.75	0.51	1.88	1.50	2.64	0.88	0.69	2.20	1.10	0.43	M8	M10 x 1.38	0.98 x 0.14	1.34	5000
1-3/4"	FPA-16-12	0.98	0.75	2.06	1.88	2.83	1.03	0.88	2.56	1.18	0.43	M10	M10 x 1.38	1.30 x 0.14	1.85	5000
1 1/4"-1"	FPA-20-16	1.26	0.98	2.31	2.06	3.15	1.19	1.03	2.76	1.18	0.45	M10	M10 x 1.57	1.48 x 0.14	2.20	4000
1 1/2"-1 1/4"	FPA-24-20	1.50	1.26	2.75	2.31	3.74	1.41	1.19	3.15	1.18	0.53	M10	M12 x 1.77	1.86 x 0.14	2.93	3000
2" -1 1/2"	FPA-32-24	1.81	1.50	3.06	2.75	4.02	1.69	1.41	3.74	1.18	0.53	M12	M12 x 1.77	2.23 x 0.14	3.86	3000
2" -1 1/4"	FPA-32-20	2.01	1.26	3.06	2.31	4.02	1.69	1.19	3.15	1.38	0.53	M10	M12 x 1.77	2.23 x 0.14	3.75	3000
2 1/2"-2"	FPA-40-32	2.48	2.01	3.50	3.06	4.49	2.00	1.69	4.29	1.38	0.53	M12	M12 x 1.77	2.73 x 0.14	4.56	2500
2 1/2"-1 1/2"	FPA-40-24	2.48	1.50	3.50	2.75	4.49	2.00	1.41	4.29	1.38	0.53	M12	M12 x 1.77	2.73 x 0.14	4.89	2500
3"-2"	FPA-48-32	2.87	2.01	4.19	3.06	5.51	2.44	1.69	4.49	1.57	0.67	M12	M16 x 1.97	3.36 x 0.14	7.63	2000
3"-2 1/2"	FPA-48-40	2.87	2.48	4.19	3.50	5.51	2.44	2.00	4.49	1.57	0.67	M12	M16 x 1.97	3.36 x 0.14	6.55	2000
SAE CODE 62 6000 psi																
3/4" -1/2"	FPAX-12-8	0.75	0.51	2.00	1.61	2.76	0.94	0.72	2.20	1.10	0.43	M8	M10 x 1.38	0.98 x 0.14	1.50	6000
3/4"-3/4"	FPAX-12-12	0.75	0.75	2.00	2.00	2.76	0.94	0.94	2.76	1.10	0.43	M10	M10 x 1.38	0.98 x 0.14	1.92	6000
1"-3/4"	FPAX-16-12	0.98	0.75	2.25	2.00	3.19	1.09	0.94	2.76	1.18	0.51	M10	M12 x 1.77	1.30 x 0.14	1.70	6000
1"-1"	FPAX-16-16	0.98	0.98	2.25	2.25	3.19	1.09	1.09	2.95	1.42	0.51	M12	M12 x 1.77	1.30 x 0.14	2.16	6000
1 1/4"-1"	FPAX-20-16	1.26	0.98	2.63	2.25	3.94	1.25	1.09	3.27	1.38	0.59	M12	M14 x 1.57	1.48 x 0.14	3.86	6000
1 1/4"-1 1/4"	FPAX-20-20	1.26	1.26	2.63	2.63	3.94	1.25	1.25	3.54	1.38	0.59	M14	M14 x 1.97	1.48 x 0.14	4.06	6000
1 1/2"-1 1/4"	FPAX-24-20	1.50	1.26	3.13	2.63	4.45	1.44	1.25	3.74	1.89	0.67	M14	M16 x 2.17	1.86 x 0.14	5.20	6000
1 1/2"-1 1/2"	FPAX-24-24	1.50	1.50	3.13	3.13	4.45	1.44	1.44	4.45	1.97	0.67	M16	M16 x 2.17	1.86 x 0.14	6.46	6000
2"-1 1/2"	FPAX-32-24	2.01	1.50	3.81	3.13	5.51	1.75	1.44	4.92	2.36	0.83	M16	M20 x 2.36	2.23 x 0.14	10.45	6000
2 1/2"-2"	FPAX-40-32	2.48	2.01	4.88	3.81	7.09	2.31	1.75	5.98	2.76	1.02	M20	M24 x 3.15	2.73 x 0.14	19.67	6000

Strength in Products, Strength in Service

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- Temperature Switches
- Differential Switches
- Level Switches
- Vacuum Switches
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- Vane Motors
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- Test Points



ANFIELD Flange Catalog / Split Flanges / Rev. C (TBD)



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