



**Stainless Steel**

**ALPHA-NUMBERING LISTING**

SF-2/SFX-2 ..... 38	W43 ..... 39
SFW/SFTW ..... 38	W44 ..... 39
SFXW/SFXTW ..... 38	W45 ..... 39
W4 ..... 41	W46 ..... 40
W16 ..... 46	W48 ..... 40
W17 ..... 46	W49 ..... 40
W18 ..... 46	W59 ..... 41
W19 ..... 46	W60 ..... 41
W23 ..... 43	W61 ..... 41
W24 ..... 43	W65 ..... 47
W25 ..... 43	W66 ..... 47
W26 ..... 44	W72 ..... 41
W27 ..... 43	W75 ..... 47
W28 ..... 44	W76 ..... 47
W29 ..... 44	W91 ..... 41
W30 ..... 44	W104 ..... 39
W32 ..... 44	W106 ..... 40
W33 ..... 44	W169 ..... 45
W34 ..... 43	W176 ..... 45
W35 ..... 43	W186 ..... 45
W36 ..... 42	W189 ..... 45
W37 ..... 42	
W38 ..... 42	
W39 ..... 42	

**SAE J518 SPLIT/CAPTIVE FLANGES**

*For SAE Flanged Head Connection*  
Code 61 - Code 62 ..... 38

**SAE 4 BOLT FLANGES**

*For Pipe*  
500 PSI - Code 61 - Code 62 Flat Socket ..... 41  
Code 61 - Code 62 NPTF ..... 39  
Code 61 - Code 62 SAE Thread ..... 40  
Code 61 Butt Weld-Sched 40/Sched  
80/Sched 160 ..... 43  
Code 62 Butt Weld-Sched 80/Sched  
160/Sched XXS ..... 44  
Code 61 - Code 62 Blanking ..... 42  
Code 61 - Code 62 Elbow Socket Weld ..... 45

**SQUARE 4 BOLT FLANGES**

*For Pipe*  
3000 Series Flat Socket Weld ..... 47  
3000 Series NPTF Thread ..... 47

**MISCELLANEOUS COMPONENTS**

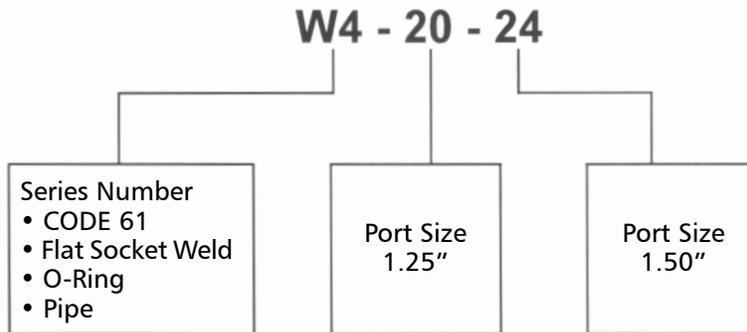
*For Pipe & Tube*  
Code 61 - Code 62 Tee Junction Block ..... 46

*\* The use of stainless steel bolts may reduce the pressure rating of the assembly.*

**Hydraulic  
Adapters**

**Ordering System**

Our basic part numbering system is simple to use. The explanation of our part numbering system is detailed below. The series number provides the greatest amount of information pertaining to the flange product. The port size and pad size simply refer to size only, with all sizes based on 1/16 of an inch.



- NOTE #1 - All items available with mounting kit by simply adding suffix letter "U".
- NOTE #2 - All items available in stainless steel material by simply adding the suffix letters "SS".
- NOTE #3 - All items available with metric mounting holes simply by adding the appropriate suffix (IE: M10, M12, etc).



**Pressure Ratings of SAE Flanges**

**STANDARD PRESSURE: J518 CODE 61**

**HIGH PRESSURE: J518 CODE 62**

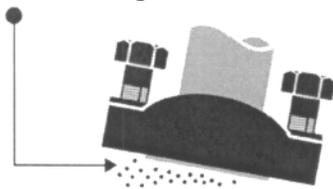
Size	PSI	BAR	Bolt Torque lb-in
1/2"	5000	350	175-225
3/4"	5000	350	250-350
1"	5000	350	325-425
1-1/4"	4000	280	425-550
1-1/2"	3000	210	550-700
2"	3000	210	650-800
2-1/2"	2500	170	950-1100
3"	2000	140	1650-1800
3-1/2"	500	35	1400-1600
4"	500	35	1400-1600
5"	500	35	1400-1600

Size	PSI	BAR	Bolt Torque lb-in
3/4"	6000	420	300-400
1"	6000	420	500-600
1-1/4"	6000	420	750-900
1-1/2"	6000	420	1400-1600
2"	6000	420	2400-2600



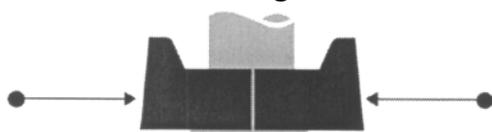
**Split Flange Clamp**

**1. Clean the sealing surface.**



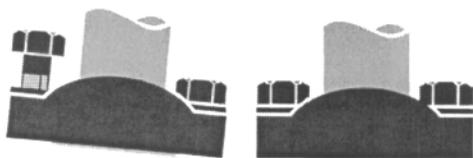
Clean the sealing surface and make certain the O-Ring groove is free of chips, dirt, nicks, etc. Foreign material prevents a proper seal.

**2. Make sure of full flange-to-head contact.**



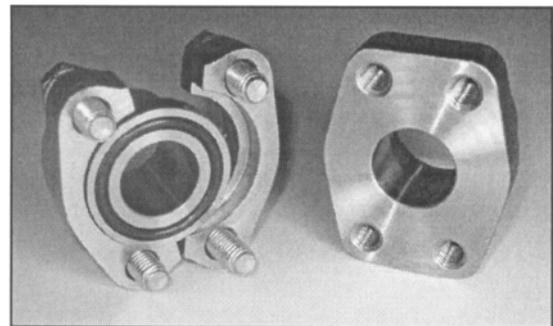
Check O-Ring to see that it is properly seated to prevent cutting during installation. Push clamp halves inward as far as they will go so as to give greatest possible bearing area necessary to long service life.

**3. Tighten bolts evenly and torque to specs.**



This ensures even distribution of the necessary sealing forces on the clamps and O-Ring head.

Anchor's Split-Flange Clamp design gives you a tilt proof clamp. By locating the plane of the Split-Flange Clamp half bolt centelines so that it passes through the center of force of the flanged head on the Split-Flange Clamp half, unbalanced moments are eliminated. This design principle prevents tilting of the clamp half and extrusion of the O-Ring. It conforms to SAE Standard J518.



Hose assembly removal is facilitated by the rounded end design of the clamp halves. Loosening of the four bolts and removal of one bolt permits the end of one clamp half to be pivoted to the side about the other bolt. This opens the clamp fully and allows the flanged head assembly to be removed. It also allows the easy assembly of the hose in close quarters.

Use of the highly efficient and widely used static O-Ring seal eliminates the use of gaskets, tapered threads and sealing compounds. There are no spiral leakage paths. The connector may be assembled with small automotive wrenches in tight quarters with low torque requirements. Large wrenches and high assembly forces are not required.

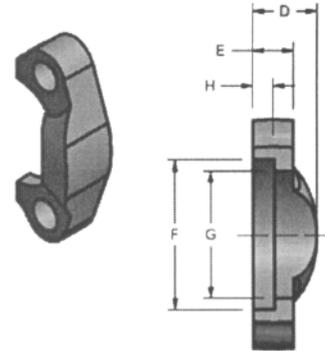
**Hydraulic  
Adapters**



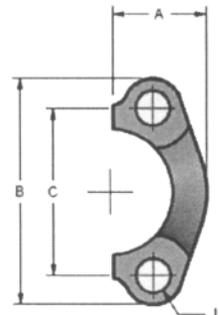


**SAE J518 Split**

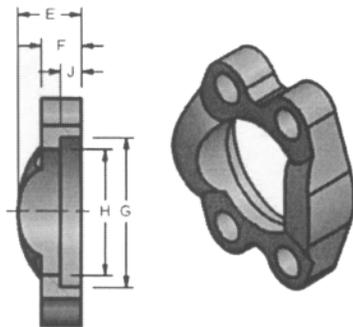
CODE 61 SPLIT FLANGE													
PART NO.	**KIT PART NO.	FLANGE SIZE	A	B	C	D	E	F	G	H	J	MOUNTING HARDWARE	
												O-RING	HHCS
8SF-2	8SFO	.50	.86	2.12	1.500	.75	.50	1.219	.955	.245	.344	210	5/16-18X1.25
12SF-2	12SFO	.75	.98	2.56	1.875	.88	.56	1.531	1.265	.245	.406	214	3/8-16X1.25
16SF-2	16SFO	1.00	1.11	2.75	2.062	.94	.62	1.781	1.515	.295	.406	219	3/8-16X1.25
20SF-2	20SFO	1.25	1.39	3.12	2.312	.88	.56	2.031	1.720	.295	.469	222	7/16-14X1.50
24SF-2	24SFO	1.50	1.58	3.69	2.750	1.00	.62	2.406	2.000	.295	.531	225	1/2-13X1.50
32SF-2	32SFO	2.00	1.86	4.00	3.062	1.03	.62	2.844	2.470	.355	.531	228	1/2-13X1.50
40SF-2	40SFO	2.50	2.09	4.50	3.500	1.50	.75	3.344	2.950	.355	.531	232	1/2-13X1.75
48SF-2	48SFO	3.00	2.53	5.31	4.188	1.62	.88	4.031	3.580	.355	.656	237	5/8-11X1.75
56SF-2	56SFO	3.50	2.70	6.00	4.750	1.12	.88	4.531	4.030	.422	.656	241	5/8-11X2.00
64SF-2	64SFO	4.00	2.95	6.38	5.125	1.38	1.00	5.031	4.530	.422	.656	245	5/8-11X2.00



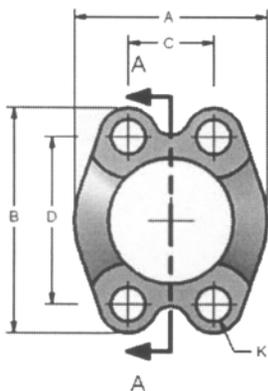
CODE 62 SPLIT FLANGE													
PART NO.	**KIT PART NO.	FLANGE SIZE	A	B	C	D	E	F	G	H	J	MOUNTING HARDWARE	
												O-RING	HHCS
8SFX-2	8SFXO	.50	.89	2.22	1.594	.88	.62	1.281	.970	.285	.344	210	5/16-18X1.25
12SFX-2	12SFXO	.75	1.14	2.81	2.000	1.12	.75	1.656	1.280	.325	.406	214	3/8-16X1.50
16SFX-2	16SFXO	1.00	1.33	3.19	2.250	1.31	.94	1.906	1.530	.355	.469	219	7/16-14X1.75
20SFX-2	20SFXO	1.25	1.48	3.75	2.625	1.50	1.06	2.156	1.750	.385	.531	222	1/2-13X1.75
24SFX-2	24SFXO	1.50	1.83	4.44	3.125	1.69	1.19	2.531	2.030	.475	.656	225	5/8-11X2.25
32SFX-2	32SFXO	2.00	2.20	5.25	3.812	2.06	1.44	3.156	2.660	.475	.781	228	3/4-10X2.75



\*\*When ordering this part # you will receive: (2) split flange halves, (4) hex head bolts and lockwashers, and (1) Buna N O-Ring.



CODE 61 CAPTIVE FLANGE													
DRILLED PART NO.	TAPPED PART NO.	FLANGE SIZE	A	B	C	D	E	F	G	H	J	K	K UNC-2B
8SFW	8SFTW	.50	1.81	2.12	.688	1.500	.75	.50	1.219	.955	.245	.344	5/16-18
12SFW	12SFTW	.75	2.06	2.56	.875	1.875	.88	.56	1.531	1.265	.245	.406	3/8-16
16SFW	16SFTW	1.00	2.31	2.75	1.031	2.062	.94	.62	1.781	1.515	.295	.406	3/8-16
20SFW	20SFTW	1.25	2.88	3.12	1.188	2.312	.88	.56	2.031	1.720	.295	.469	7/16-14
24SFW	24SFTW	1.50	3.25	3.69	1.406	2.750	1.00	.62	2.406	2.000	.295	.531	1/2-13
32SFW	32SFTW	2.00	3.81	4.00	1.688	3.062	1.03	.62	2.844	2.470	.355	.531	1/2-13
40SFW	40SFTW	2.50	4.28	4.50	2.000	3.500	1.50	.75	3.344	2.950	.355	.531	1/2-13
48SFW	48SFTW	3.00	5.16	5.31	2.438	4.188	1.62	.88	4.031	3.580	.355	.656	5/8-11
56SFW	56SFTW	3.50	5.50	6.00	2.750	4.750	1.12	.88	4.531	4.030	.422	.656	5/8-11
64SFW	64SFTW	4.00	6.00	6.38	3.062	5.125	1.38	1.00	5.031	4.530	.422	.656	5/8-11

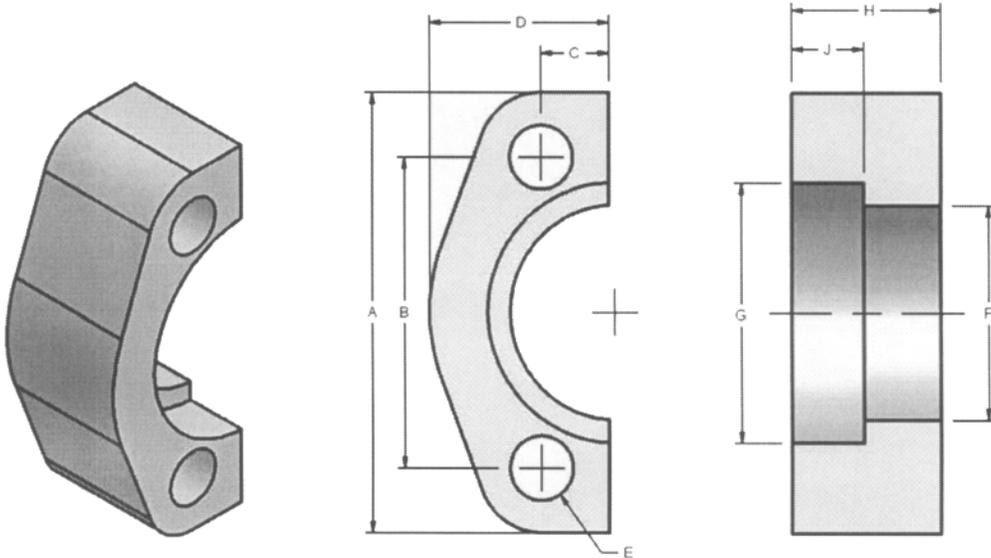


CODE 62 CAPTIVE FLANGE													
DRILLED PART NO.	TAPPED PART NO.	FLANGE SIZE	A	B	C	D	E	F	G	H	J	K	K UNC-2B
8SFXW	8SFXTW	.50	1.86	2.22	.718	1.594	.88	.62	1.281	.970	.285	.344	5/16-18
12SFXW	12SFXTW	.75	2.38	2.81	.938	2.000	1.12	.75	1.656	1.280	.325	.406	3/8-16
16SFXW	16SFXTW	1.00	2.75	3.19	1.094	2.250	1.31	.94	1.906	1.530	.355	.469	7/16-14
20SFXW	20SFXTW	1.25	3.06	3.75	1.250	2.625	1.50	1.06	2.156	1.750	.385	.531	1/2-13
24SFXW	24SFXTW	1.50	3.75	4.44	1.438	3.125	1.69	1.19	2.531	2.030	.475	.656	5/8-11
32SFXW	32SFXTW	2.00	4.50	5.25	1.750	3.812	2.06	1.44	3.156	2.660	.475	.781	3/4-10



**Split Flange**

Fits Caterpillar Flange Head hose ends



**Hydraulic  
Adapters**

PTX SERIES SPLIT FLANGES													
PART NO.	**KIT PART NO.	FLANGE SIZE	A	B	C	D	E	F	G	H	J	MOUNTING HARDWARE	
												O-RING	HHCS
12PTX-2	12PTXO	.75	2.950	2.000	.446	1.210	.406	1.270	1.632	1.102	.530	214	3/8-16X1.75
16PTX-2	16PTXO	1.00	3.190	2.250	.507	1.335	.469	1.550	1.884	1.102	.530	219	7/16-14X1.75
20PTX-2	20PTXO	1.25	3.750	2.625	.585	1.490	.531	1.705	2.134	1.102	.530	222	1/2-13X2.00
24PTX-2	24PTXO	1.50	4.440	3.125	.679	1.335	.656	2.080	2.509	1.258	.530	225	5/8-11X2.50
32PTX-2	32PTXO	2.00	5.240	3.812	.834	2.205	.827	2.640	3.130	1.457	.530	228	3/4-10X2.75

\*\*When ordering this part # you will receive: (2) split flange halves, (4) hex head bolts and lockwashers. **NO O-RING INCLUDED.**

