

## Hydraulic 4-Bolt Flanges

## Hydraulic 4-Bolt Flange Pipe Socket Weld

Port Size	Pad Size	Code 61 Carbon Steel			
		O-ring		Flat Face	
		Previous Part #	Part #	Previous Part #	Part #
½"	½"	W4-8-8-U	<b>C614K0808PSW</b>	W61-8-8	<b>C61610808PSW</b>
¾"	¾"	W4-12-12-U	<b>C614K1212PSW</b>	W61-12-12	<b>C61611212PSW</b>
1"	1"	W4-16-16-U	<b>C614K1616PSW</b>	W61-16-16	<b>C61611616PSW</b>
1¼"	1¼"	W4-20-20-U	<b>C614K2020PSW</b>	W61-20-20	<b>C61612020PSW</b>
1½"	1½"	W4-24-24-U	<b>C614K2424PSW</b>	W61-24-24	<b>C61612424PSW</b>
2"	2"	W4-32-32-U	<b>C614K3232PSW</b>	W61-32-32	<b>C61613232PSW</b>
2½"	2½"	W4-40-40-U	<b>C614K4040PSW</b>	W61-40-40	<b>C61614040PSW</b>
3"	3"	W4-48-48-U	<b>C614K4848PSW</b>	W61-48-48	<b>C61614848PSW</b>

  

Port Size	Pad Size	Code 62 Carbon Steel			
		O-ring		Flat Face	
		Previous Part #	Part #	Previous Part #	Part #
½"	½"	W59-8-8-U	<b>C6259K0808PSW</b>	W60-8-8	<b>C62600808PSW</b>
¾"	¾"	W59-12-12-U	<b>C6259K1212PSW</b>	W60-12-12	<b>C62601212PSW</b>
1"	1"	W59-16-16-U	<b>C6259K1616PSW</b>	W60-16-16	<b>C62601616PSW</b>
1¼"	1¼"	W59-20-20-U	<b>C6259K2020PSW</b>	W60-20-20	<b>C62602020PSW</b>
1½"	1½"	W59-24-24-U	<b>C6259K2424PSW</b>	W60-24-24	<b>C62602424PSW</b>
2"	2"	W59-32-32-U	<b>C6259K3232PSW</b>	W60-32-32	<b>C62603232PSW</b>
2½"	2½"	W59-40-40-U	<b>C6259K4040PSW</b>	W60-40-40	<b>C62604040PSW</b>
3"	3"	W59-48-48-U	<b>C6259K4848PSW</b>	W60-48-48	<b>C62604848PSW</b>



## Pressure Ratings of SAE Flanges

## Code 61 SAE J518-1 / ISO 6162-1

Dash Size	Size	Maximum Working Pressure		Fastener Torque Value
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	½"	5000	35	24
-12	¾"	5000	35	44
-16	1"	4600	32	44
-20	1¼"	4000	28	68
-24	1½"	3000	21	111
-32	2"	3000	21	111
-40	2½"	2500	17.5	111
-48	3"	2300	16	218
-56	3½"	500	3.5	218
-64	4"	500	3.5	218
-80	5"	500	3.5	218

- Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

## Code 62 SAE J518-2 / ISO 6162-2

Dash Size	Size	Maximum Working Pressure		Fastener Torque Value
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	½"	6000	40	24
-12	¾"	6000	40	44
-16	1"	6000	40	68
-20	1¼"	6000	40	111
-24	1½"	6000	40	218
-32	2"	6000	40	332
-40	2½"	6000	40	380
-48	3"	6000	40	667

- For flange dimensions, diagrams and additional information please reference [canada.dixonvalve.com](http://canada.dixonvalve.com).

Code 61 / Code 62 Split Flange Kits

Features:

- for tube, hose end and split flange adapter connections
- kits include 2 split flange halves, 4 hex head screws and lockwashers, 1 Buna O-ring
- silver trivalent finish for high corrosion resistance
- also available in forged 316L stainless, contact Dixon® for more information

Hydraulic Fittings



Flange Size	Code 61 Forged Carbon Steel		Code 62 Forged Carbon Steel	
	Previous Part #	Part #	Previous Part #	Part #
1/2"	8SFO	<b>C6108-SFKIT</b>	8SF XO	<b>C6208-SFKIT</b>
3/4"	12SFO	<b>C6112-SFKIT</b>	12SF XO	<b>C6212-SFKIT</b>
1"	16SFO	<b>C6116-SFKIT</b>	16SF XO	<b>C6216-SFKIT</b>
1 1/4"	20SFO	<b>C6120-SFKIT</b>	20SF XO	<b>C6220-SFKIT</b>
1 1/2"	24SFO	<b>C6124-SFKIT</b>	24SF XO	<b>C6224-SFKIT</b>
2"	32SFO	<b>C6132-SFKIT</b>	32SF XO	<b>C6232-SFKIT</b>
2 1/2"	40SFO	<b>C6140-SFKIT</b>	---	---
3"	48SFO	<b>C6148-SFKIT</b>	---	---

Code 61 / Code 62 Flange Adapters

Straight Flange x Male JIC Hydraulic Adapter



JIC Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Previous Part #	Part #	Previous Part #	Part #
3/4"-16	1/2"	1/2"	300-8-8	<b>C6100F0808</b>	---	---
3/4"-16	1/2"	3/4"	300-8-12	<b>C6100F0812</b>	---	---
1 1/16"-12	3/4"	3/4"	300-12-12	<b>C6100F1212</b>	600-12-12	<b>C6200F1212</b>
1 1/16"-12	3/4"	1"	300-12-16	<b>C6100F1216</b>	600-12-16	<b>C6200F1216</b>
1 5/16"-12	1"	3/4"	300-16-12	<b>C6100F1612</b>	600-16-12	<b>C6200F1612</b>
1 5/16"-12	1"	1"	300-16-16	<b>C6100F1616</b>	600-16-16	<b>C6200F1616</b>
1 5/16"-12	1"	1 1/4"	300-16-20	<b>C6100F1620</b>	600-16-20	<b>C6200F1620</b>
1 5/8"-12	1 1/4"	1"	300-20-16	<b>C6100F2016</b>	600-20-16	<b>C6200F2016</b>
1 5/8"-12	1 1/4"	1 1/4"	300-20-20	<b>C6100F2020</b>	600-20-20	<b>C6200F2020</b>
1 5/8"-12	1 1/4"	1 1/2"	300-20-24	<b>C6100F2024</b>	600-20-24	<b>C6200F2024</b>
1 7/8"-12	1 1/2"	1 1/4"	300-24-20	<b>C6100F2420</b>	600-24-20	<b>C6200F2420</b>
1 7/8"-12	1 1/2"	1 1/2"	300-24-24	<b>C6100F2424</b>	600-24-24	<b>C6200F2424</b>
1 7/8"-12	1 1/2"	2"	300-24-32	<b>C6100F2432</b>	600-24-32	<b>C6200F2432</b>
2 1/2"-12	2"	1 1/2"	300-32-24	<b>C6100F3224</b>	600-32-24	<b>C6200F3224</b>
2 1/2"-12	2"	2"	300-32-32	<b>C6100F3232</b>	600-32-32	<b>C6200F3232</b>

90° Flange Elbow x Male JIC Hydraulic Adapter



JIC Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Previous Part #	Part #	Previous Part #	Part #
3/4"-16	1/2"	3/4"	390-8-12	<b>C6190F0812</b>	---	---
1 1/16"-12	3/4"	3/4"	390-12-12	<b>C6190F1212</b>	690-12-12	<b>C6290F1212</b>
1 1/16"-12	3/4"	1"	390-12-16	<b>C6190F1216</b>	690-12-16	<b>C6290F1216</b>
1 5/16"-12	1"	3/4"	390-16-12	<b>C6190F1612</b>	690-16-12	<b>C6290F1612</b>
1 5/16"-12	1"	1"	390-16-16	<b>C6190F1616</b>	690-16-16	<b>C6290F1616</b>
1 5/16"-12	1"	1 1/4"	390-16-20	<b>C6190F1620</b>	690-16-20	<b>C6290F1620</b>
1 5/8"-12	1 1/4"	1"	390-20-16	<b>C6190F2016</b>	690-20-16	<b>C6290F2016</b>
1 5/8"-12	1 1/4"	1 1/4"	390-20-20	<b>C6190F2020</b>	690-20-20	<b>C6290F2020</b>
1 5/8"-12	1 1/4"	1 1/2"	390-20-24	<b>C6190F2024</b>	690-20-24	<b>C6290F2024</b>
1 7/8"-12	1 1/2"	1 1/2"	390-24-24	<b>C6190F2424</b>	690-24-24	<b>C6290F2424</b>
1 7/8"-12	1 1/2"	2"	390-24-32	<b>C6190F2432</b>	690-24-32	<b>C6290F2432</b>
2 1/2"-12	2"	1 1/2"	390-32-24	<b>C6190F3224</b>	690-32-24	<b>C6290F3224</b>
2 1/2"-12	2"	2"	390-32-32	<b>C6190F3232</b>	690-32-32	<b>C6290F3232</b>

45° Flange Elbow x Male JIC Hydraulic Adapter



JIC Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Previous Part #	Part #	Previous Part #	Part #
1 1/16"-12	3/4"	3/4"	340-12-12	<b>C6145F1212</b>	640-12-12	<b>C6245F1212</b>
1 5/16"-12	1"	1"	340-16-16	<b>C6145F1616</b>	640-16-16	<b>C6245F1616</b>
1 5/8"-12	1 1/4"	1 1/4"	340-20-20	<b>C6145F2020</b>	640-20-20	<b>C6245F2020</b>
1 7/8"-12	1 1/2"	1 1/2"	340-24-24	<b>C6145F2424</b>	640-24-24	<b>C6245F2424</b>
2 1/2"-12	2"	2"	340-32-32	<b>C6145F3232</b>	640-32-32	<b>C6245F3232</b>