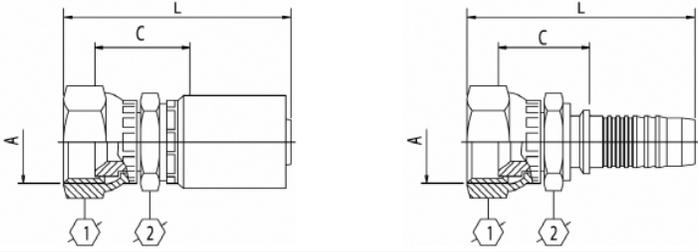


JIC 37° FLARE (SAE J514)

**Hydraulic
Hose**



Hose

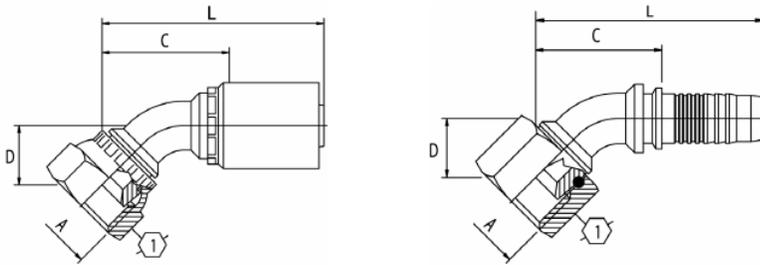
S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	UCF1-03	UCF2-03	

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Hex-2 Size		Cut-off (C)		Length (L)		Skive Type			
	INCH	MM		Wrench Size	MM	Wrench Size	MM	INCH	MM	INCH	MM				
UC-JCFX-0304	3/16	4.80	7/16-20	1/2	12	5/8	16	0.79	20.10	2.01	51.00	S	UCF1-03	UCF2-03	
B2-JCFX-0404	1/4	6.40	7/16-20	9/16	14	5/8	16	0.81	20.60	2.13	54.10	NS	Y	Y	Y
B2-JCFX-0405	1/4	6.40	1/2-20	9/16	14	11/16	17	0.84	21.30	2.19	55.60	NS	Y	Y	Y
B2-JCFX-0406	1/4	6.40	9/16-18	9/16	14	13/16	19	0.84	21.30	2.21	56.10	NS	Y	Y	Y
B2-JCFX-0505	5/16	7.90	1/2-20	9/16	14	11/16	17	0.84	21.30	2.19	55.60	NS	Y	Y	Y
B2-JCFX-0506	5/16	7.90	9/16-18	9/16	14	13/16	19	0.84	21.30	2.21	56.10	NS	Y	Y	Y
B2-JCFX-0606	3/8	9.50	9/16-18	11/16	17	13/16	19	0.84	21.30	2.28	58.00	NS	Y	Y	Y
B2-JCFX-0608	3/8	9.50	3/4-16	13/16	19	1	25	0.94	23.80	2.42	61.50	NS	Y	Y	Y
B2-JCFX-0610	3/8	9.50	7/8-14	7/8	22	1 1/16	27	1.06	26.80	2.62	66.50	NS	Y	Y	Y
B2-JCFX-0806	1/2	12.70	9/16-18	13/16	19	13/16	19	0.91	23.10	2.54	64.60	NS	Y	Y	Y
B2-JCFX-0808	1/2	12.70	3/4-16	13/16	19	1	25	1.01	25.60	2.68	68.10	NS	Y	Y	Y
B2-JCFX-0810	1/2	12.70	7/8-14	7/8	22	1 1/16	27	1.09	27.60	2.84	72.10	NS	Y	Y	Y
B2-JCFX-0812	1/2	12.70	1 1/16-12	1	25	1 1/4	32	1.11	28.10	2.90	73.60	NS	Y	Y	Y
B2-JCFX-1008	5/8	15.90	3/4-16	1	25	15/16	24	1.09	27.60	2.87	72.90	NS	Y	Y	Y
B2-JCFX-1010	5/8	15.90	7/8-14	1	25	1 1/16	27	1.20	30.60	3.07	77.90	NS	Y	Y	Y
B2-JCFX-1012	5/8	15.90	1 1/16-12	1	25	1 1/4	32	1.11	28.10	3.01	76.40	NS	Y	Y	Y
B2-JCFX-1210	3/4	19.00	7/8-14	1 1/16	27	1 1/4	30	1.15	29.10	3.21	81.60	NS	Y	Y	Y
B2-JCFX-1212	3/4	19.00	1 1/16-12	1 1/16	27	1 1/4	32	1.17	29.60	3.27	83.10	NS	Y	Y	Y
B2-JCFX-1214	3/4	19.00	1 3/16-12	1 1/4	32	1 7/16	36	1.22	31.00	3.35	85.20	NS	Y	Y	Y
B2-JCFX-1216	3/4	19.00	1 5/16-12	1 1/4	32	1 1/2	38	1.30	33.10	3.47	88.10	NS	Y	Y	Y
B2-JCFX-1612	1	25.40	1 1/16-12	1 1/4	32	1 1/4	32	1.31	33.40	3.07	78.00	NS	Y	Y	Y
B2-JCFX-1616	1	25.40	1 5/16-12	1 1/4	32	1 1/2	38	1.37	34.90	3.74	95.00	NS	Y	Y	Y
B2-JCFX-1620 ^T	1	25.40	1 5/8-12	1 5/8	41	2	50	1.59	40.50	3.98	101.00	NS	Y	Y	Y
S4-JCFX-2020 ^T	1 1/4	31.80	1 5/8-12	1 5/8	41	2	50	1.66	42.10	4.33	110.00	NS	Y	Y	
UC-JCFX-2020 ^T	1 1/4	31.80	1 5/8-12	1 5/8	41	2	50	1.66	42.10	4.33	110.00	NS			UCF4-20
S4-JCFX-2424 ^T	1 1/2	38.10	1 7/8-12	2	50	2 1/4	55	1.75	44.40	4.80	122.00	NS	Y	Y	
S4-JCFX-3232 ^T	2	50.80	2 1/2-12	2 5/8	65	70 mm	70	1.93	49.00	5.71	145.00	NS	Y	Y	

T: Thrust-Wire Nut (see 'Fitting Identification' in Appendix for details)



JIC 37° FLARE (SAE J514)



Hose

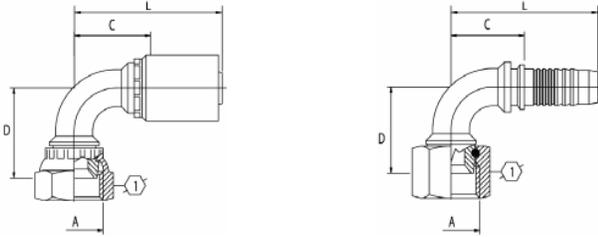
GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
--------------	----------------------------	----------------------

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-JCFX45-0404	1/4	6.40	7/16-20	5/8	16	0.43	11.00	1.44	36.50	2.41	61.30		Y	Y	Y
B2-JCFX45-0405	1/4	6.40	1/2-20	11/16	17	0.43	11.00	1.69	43.00	2.67	67.80		Y	Y	Y
B2-JCFX45-0406	1/4	6.40	9/16-18	13/16	19	0.43	11.00	1.52	38.50	2.49	63.30		Y	Y	Y
B2-JCFX45-0606	3/8	9.50	9/16-18	13/16	19	0.45	11.50	1.65	42.00	2.70	68.70		Y	Y	Y
B2-JCFX45-0608	3/8	9.50	3/4-16	1	25	0.59	15.00	1.73	44.00	2.78	70.70		Y	Y	Y
B2-JCFX45-0808	1/2	12.70	3/4-16	1	25	0.59	15.00	2.01	51.00	3.25	82.50		Y	Y	Y
B2-JCFX45-0810	1/2	12.70	7/8-14	1 1/16	27	0.67	17.00	2.05	52.00	3.29	83.50		Y	Y	Y
B2-JCFX45-1010	5/8	15.90	7/8-14	1 1/16	27	0.67	17.00	2.44	62.00	3.79	96.30		Y	Y	Y
B2-JCFX45-1012	5/8	15.90	1 1/16-12	1 1/4	32	0.87	22.00	2.38	60.50	3.73	94.80		Y	Y	Y
B2-JCFX45-1212	3/4	19.00	1 1/16-12	1 1/4	32	0.87	22.00	2.64	67.00	4.19	106.50		Y	Y	Y
B2-JCFX45-1216	3/4	19.00	1 5/16-12	1 1/2	38	1.02	26.00	2.76	70.00	4.31	109.50		Y	Y	Y
B2-JCFX45-1616	1	25.40	1 5/16-12	1 1/2	38	0.98	25.00	3.07	78.00	4.83	122.60		Y	Y	Y
S4-JCFX45-2020 ^T	1 1/4	31.80	1 5/8-12	2	50	1.46	37.00	3.84	97.50	5.89	149.50		Y	Y	
UC-JCFX45-2020	1 1/4	31.80	1 5/8-12	2	50	1.46	37.00	3.84	97.50	5.89	149.50				UCF4-20
S4-JCFX45-2424 ^T	1 1/2	38.10	1 7/8-12	2 1/4	55	1.69	43.00	4.25	108.00	6.57	167.00		Y	Y	

T: Thrust-Wire Nut (see 'Fitting Identification' in Appendix for details)

**Hydraulic
Hose**

JIC 37° FLARE (SAE J514)



Hose

GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
--------------	----------------------------	----------------------

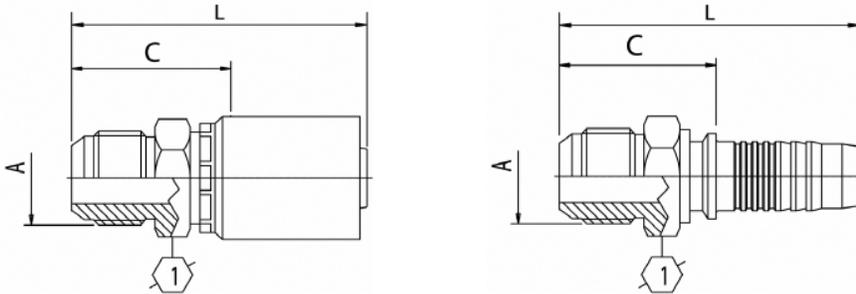
**Hydraulic
Hose**

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Elbow Type	Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM		INCH	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-JCFX90-0404	1/4	6.40	7/16-20	5/8	16		1.26	32.00	1.32	33.50	2.30	58.30		Y	Y	Y
B2-JCFX90L-0404	1/4	6.40	7/16-20	5/8	16	Long Tube	1.81	46.00	1.25	31.80	2.23	56.60		Y	Y	Y
B2-JCFX90S-0404	1/4	6.40	7/16-20	5/8	16	Short Tube	0.83	21.00	1.02	26.00	2.00	50.80		Y	Y	Y
B2-JCFX90-0405	1/4	6.40	1/2-20	11/16	17		1.18	30.00	1.02	26.00	2.00	50.80		Y	Y	Y
B2-JCFX90L-0405	1/4	6.40	1/2-20	11/16	17	Long Tube	1.77	45.00	1.02	26.00	2.00	50.80		Y	Y	Y
B2-JCFX90S-0405	1/4	6.40	1/2-20	11/16	17	Short Tube	0.83	21.00	1.02	26.00	2.00	50.80		Y	Y	Y
B2-JCFX90-0406	1/4	6.40	9/16-18	13/16	19		1.50	38.00	1.22	31.00	2.20	55.80		Y	Y	Y
B2-JCFX90L-0406	1/4	6.40	9/16-18	11/16	17	Long Tube	2.13	54.00	1.52	38.50	2.49	63.30		Y	Y	Y
B2-JCFX90S-0406	1/4	6.40	9/16-18	11/16	17	Short Tube	0.91	23.00	1.22	31.00	2.20	55.80		Y	Y	Y
B2-JCFX90-0606	3/8	9.50	9/16-18	13/16	19		1.38	35.00	1.28	32.50	2.33	59.20		Y	Y	Y
B2-JCFX90L-0606	3/8	9.50	9/16-18	13/16	19	Long Tube	2.13	54.00	1.63	41.50	2.69	68.20		Y	Y	Y
B2-JCFX90S-0606	3/8	9.50	9/16-18	13/16	19	Short Tube	0.91	23.00	1.67	42.50	2.72	69.20		Y	Y	Y
B2-JCFX90-0608	3/8	9.50	3/4-16	1	25		1.61	41.00	1.50	38.00	2.55	64.70		Y	Y	Y
B2-JCFX90L-0608	3/8	9.50	3/4-16	1	25	Long Tube	2.52	64.00	1.83	46.50	2.88	73.20		Y	Y	Y
B2-JCFX90S-0608	3/8	9.50	3/4-16	1	25	Short Tube	1.14	29.00	1.91	48.50	2.96	75.20		Y	Y	Y
B2-JCFX90-0808	1/2	12.70	3/4-16	1	25		1.57	40.00	1.46	37.00	2.70	68.50		Y	Y	Y
B2-JCFX90L-0808	1/2	12.70	3/4-16	1	25	Long Tube	2.52	64.00	1.97	50.00	3.21	81.50	↕	Y	Y	Y
B2-JCFX90S-0808	1/2	12.70	3/4-16	1	25	Short Tube	1.14	29.00	1.81	46.00	3.05	77.50	↕	Y	Y	Y
B2-JCFX90-0810	1/2	12.70	7/8-14	1 1/16	27		1.85	47.00	1.50	38.00	2.74	69.50	↕	Y	Y	Y
B2-JCFX90L-0810	1/2	12.70	7/8-14	1 1/16	27	Long Tube	2.56	65.00	1.50	38.00	2.74	69.50	↕	Y	Y	Y
B2-JCFX90S-0810	1/2	12.70	7/8-14	1 1/16	27	Short Tube	1.26	32.00	1.81	46.00	3.05	77.50	↕	Y	Y	Y
B2-JCFX90-0812	1/2	12.70	1 1/16-12	1 1/4	32		1.81	46.00	1.52	38.50	2.76	70.00	↕	Y	Y	Y
B2-JCFX90-1010	5/8	15.90	7/8-14	1 1/16	27		1.85	47.00	1.97	50.00	3.32	84.30		Y	Y	Y
B2-JCFX90L-1010	5/8	15.90	7/8-14	1 1/16	27	Long Tube	2.56	65.00	1.97	50.00	3.32	84.30		Y	Y	Y
B2-JCFX90S-1010	5/8	15.90	7/8-14	1 1/16	27	Short Tube	1.26	32.00	1.44	36.50	2.79	70.80		Y	Y	Y
B2-JCFX90-1012	5/8	15.90	1 1/16-12	1 1/4	32		2.28	58.00	1.89	48.00	3.24	82.30		Y	Y	Y
B2-JCFX90S-1012	5/8	15.90	1 1/16-12	1 1/4	32	Short Tube	1.89	48.00	1.89	48.00	3.24	82.30		Y	Y	Y
B2-JCFX90-1212	3/4	19.00	1 1/16-12	1 1/4	32		2.13	54.00	2.11	53.50	3.66	93.00		Y	Y	Y
B2-JCFX90L-1212	3/4	19.00	1 1/16-12	1 1/4	32	Long Tube	3.74	95.00	2.05	52.00	3.60	91.50		Y	Y	Y
B2-JCFX90S-1212	3/4	19.00	1 1/16-12	1 1/4	32	Short Tube	1.89	48.00	2.34	59.50	3.90	99.00		Y	Y	Y
B2-JCFX90S-1214	3/4	19.00	1 3/16-12	1 7/16	36	Short Tube	2.07	52.50	2.11	53.50	3.66	93.00		Y	Y	Y
B2-JCFX90-1216	3/4	19.00	1 5/16-12	1 1/2	38		2.80	71.00	2.11	53.50	3.66	93.00		Y	Y	Y
B2-JCFX90-1616	1	25.40	1 5/16-12	1 1/2	38		2.81	71.50	2.89	73.50	4.65	118.10		Y	Y	Y
B2-JCFX90L-1616	1	25.40	1 5/16-12	1 1/2	38	Long Tube	4.49	114.00	3.09	78.50	4.85	123.10		Y	Y	Y
B2-JCFX90S-1616	1	25.40	1 5/16-12	1 1/2	38	Short Tube	2.20	56.00	3.05	77.50	4.81	122.10		Y	Y	Y
S4-JCFX90-2020 ^T	1 1/4	31.80	1 5/8-12	2	50		3.07	78.00	3.27	83.00	5.31	135.00		Y	Y	
UC-JCFX90-2020	1 1/4	31.80	1 5/8-12	2	50		3.07	78.00	3.27	83.00	5.31	135.00				UCF4-20
S4-JCFX90-2424 ^T	1 1/2	38.10	1 7/8-12	2 1/4	55		3.39	86.00	4.06	103.00	6.38	162.00		Y	Y	

T: Thrust-Wire Nut (see 'Fitting Identification' in Appendix for details)



JIC 37° FLARE (SAE J514)



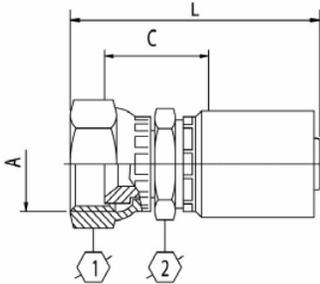
Hose

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-JCM-0404	1/4	6.40	7/16-20	1/2	12	1.00	25.30	1.97	50.10		Y	Y	Y
B2-JCM-0405	1/4	6.40	1/2-20	9/16	14	1.04	26.30	2.01	51.10		Y	Y	Y
B2-JCM-0406	1/4	6.40	9/16-18	11/16	17	1.04	26.30	2.01	51.10		Y	Y	Y
B2-JCM-0506	5/16	7.90	9/16-18	11/16	17	1.04	26.30	2.01	51.10		Y	Y	Y
B2-JCM-0606	3/8	9.50	9/16-18	11/16	17	1.04	26.30	2.09	53.00		Y	Y	Y
B2-JCM-0608	3/8	9.50	3/4-16	13/16	19	1.14	29.00	2.19	55.70		Y	Y	Y
B2-JCM-0610	3/8	9.50	7/8-14	15/16	24	1.32	33.60	2.37	60.30		Y	Y	Y
B2-JCM-0808	1/2	12.70	3/4-16	13/16	19	1.17	29.80	2.41	61.30		Y	Y	Y
B2-JCM-0810	1/2	12.70	7/8-14	15/16	24	1.35	34.40	2.59	65.90		Y	Y	Y
B2-JCM-0812	1/2	12.70	1 1/16-12	1 1/16	27	1.46	37.00	2.70	68.50	<-- Non-Skive -->	Y	Y	Y
B2-JCM-1010	5/8	15.90	7/8-14	15/16	24	1.35	34.40	2.70	68.70		Y	Y	Y
B2-JCM-1012	5/8	15.90	1 1/16-12	1 1/16	27	1.46	37.00	2.81	71.30		Y	Y	Y
B2-JCM-1212	3/4	19.00	1 1/16-12	1 1/16	27	1.48	37.50	3.03	77.00		Y	Y	Y
B2-JCM-1214	3/4	19.00	1 3/16-12	1 1/4	32	1.50	38.00	3.05	77.50		Y	Y	Y
B2-JCM-1216	3/4	19.00	1 5/16-12	1 7/16	36	1.64	41.70	3.20	81.20		Y	Y	Y
B2-JCM-1616	1	25.40	1 5/16-12	1 7/16	36	1.67	42.50	3.43	87.10		Y	Y	Y
B2-JCM-1620	1	25.40	1 5/8-12	1 7/8	46	1.84	46.70	3.59	91.30		Y	Y	Y
S4-JCM-2020	1 1/4	31.80	1 5/8-12	1 7/8	46	1.90	48.30	3.95	100.30		Y	Y	
UC-JCM-2020	1 1/4	31.80	1 5/8-12	1 7/8	46	1.90	48.30	3.95	100.30				UCF4-20
S4-JCM-2024	1 1/4	31.80	1 7/8-12	2	50	2.09	53.00	4.13	105.00	Y	Y		
UC-JCM-2024	1 1/4	31.80	1 7/8-12	2	50	2.09	53.00	4.13	105.00			UCF4-20	
S4-JCM-2424	1 1/2	38.10	1 7/8-12	2	50	2.09	53.00	4.41	112.00	Y	Y		
S4-JCM-3232	2	50.80	2 1/2-12	2 5/8	65	2.36	60.00	5.20	132.00	Y	Y		

**Hydraulic
Hose**

SAE 45° J512 FLARE

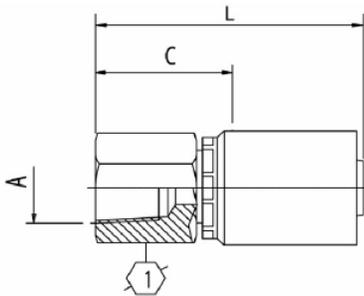
**Hydraulic
Hose**



Hose

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Hex-2 Size		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	Wrench Size	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-SFFX-0606	3/8	9.50	5/8-18	13/16	19	7/8	22	0.88	22.30	2.32	59.00	NS	Y	Y	Y
B2-SFFX-1212	3/4	19.00	1 1/16-14	1 1/16	27	1 1/4	32	1.17	29.60	3.27	83.10	NS	Y	Y	Y

NPTF

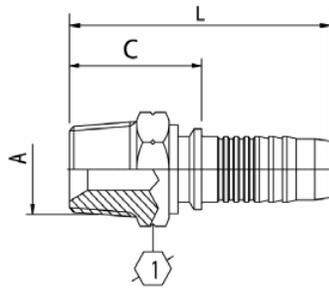
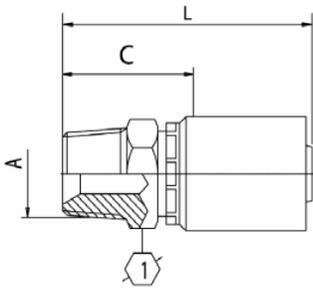


Hose

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-NPF-0404	1/4	6.40	1/4-18	13/16	19	1.09	27.80	2.07	52.60	NS	Y	Y	Y
B2-NPF-0606	3/8	9.50	3/8-18	7/8	22	1.13	28.80	2.19	55.50	NS	Y	Y	Y
B2-NPF-0808	1/2	12.70	1/2-14	1	25	1.40	35.60	2.64	67.10	NS	Y	Y	Y
B2-NPF-1212	3/4	19.00	3/4-14	1 1/4	32	1.50	38.10	3.06	77.60	NS	Y	Y	Y



NPTF



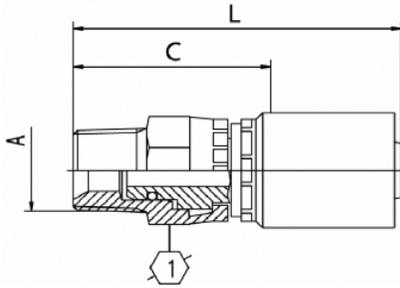
Hose

S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC

**Hydraulic
Hose**

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type	UCF1-03	UCF2-03	UCF4-20
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM				
UC-NPM-0302	3/16	4.80	1/8-27	1/2	12	0.82	20.80	1.69	43.00	S			
B2-NPM-0402	1/4	6.40	1/8-27	9/16	14	0.88	22.30	1.85	47.10	NS	Y	Y	Y
B2-NPM-0404	1/4	6.40	1/4-18	11/16	17	1.04	26.30	2.01	51.10	NS	Y	Y	Y
B2-NPM-0406	1/4	6.40	3/8-18	13/16	19	1.04	26.30	2.01	51.10	NS	Y	Y	Y
B2-NPM-0408	1/4	6.40	1/2-14	7/8	22	1.31	33.30	2.29	58.10	NS	Y	Y	Y
B2-NPM-0604	3/8	9.50	1/4-18	11/16	17	1.04	26.30	2.09	53.00	NS	Y	Y	Y
B2-NPM-0606	3/8	9.50	3/8-18	13/16	19	1.04	26.30	2.09	53.00	NS	Y	Y	Y
B2-NPM-0608	3/8	9.50	1/2-14	7/8	22	1.27	32.30	2.32	59.00	NS	Y	Y	Y
B2-NPM-0806	1/2	12.70	3/8-18	13/16	19	1.11	28.10	2.35	59.60	NS	Y	Y	Y
B2-NPM-0808	1/2	12.70	1/2-14	7/8	22	1.34	34.00	2.58	65.50	NS	Y	Y	Y
B2-NPM-0812	1/2	12.70	3/4-14	1 1/16	27	1.34	34.00	2.58	65.50	NS	Y	Y	Y
B2-NPM-1008	5/8	15.90	1/2-14	15/16	24	1.34	34.10	2.69	68.40	NS	Y	Y	Y
B2-NPM-1012	5/8	15.90	3/4-14	1 1/16	27	1.34	34.00	2.69	68.30	NS	Y	Y	Y
B2-NPM-1208	3/4	19.00	1/2-14	1 1/16	27	1.36	34.60	2.92	74.10	NS	Y	Y	Y
B2-NPM-1212	3/4	19.00	3/4-14	1 1/16	27	1.36	34.60	2.92	74.10	NS	Y	Y	Y
B2-NPM-1216	3/4	19.00	1-11 1/2	1 7/16	36	1.68	42.60	3.23	82.10	NS	Y	Y	Y
B2-NPM-1612	1	25.40	3/4-14	1 7/16	36	1.51	38.40	3.27	83.00	NS	Y	Y	Y
B2-NPM-1616	1	25.40	1-11 1/2	1 7/16	36	1.71	43.40	3.46	88.00	NS	Y	Y	Y
B2-NPM-1620	1	25.40	1 1/4-11 1/2	1 7/8	46	1.87	47.40	3.62	92.00	NS	Y	Y	Y
S4-NPM-2020	1 1/4	31.80	1 1/4-11 1/2	1 7/8	46	1.93	49.00	3.98	101.00	NS	Y	Y	
UC-NPM-2020	1 1/4	31.80	1 1/4-11 1/2	1 7/8	46	1.93	49.00	3.98	101.00	NS			UCF4-20
S4-NPM-2024	1 1/4	31.80	1 1/2-11 1/2	2	50	1.97	50.00	4.02	102.00	NS	Y	Y	
S4-NPM-2424	1 1/2	38.10	1 1/2-11 1/2	2	50	1.97	50.00	4.29	109.00	NS	Y	Y	
S4-NPM-3232	2	50.80	2-11 1/2	2 5/8	65	2.05	52.00	4.88	124.00	NS	Y	Y	

NPTF



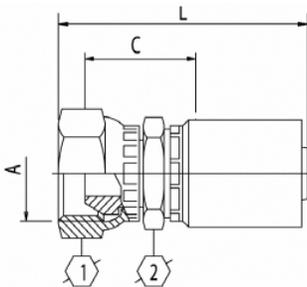
Hose

GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y

Hydraulic
Hose

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type			
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM				
B2-NPMX-0404	1/4	6.40	1/4-18	11/16	17	1.47	37.30	2.44	62.10		Y	Y	Y
B2-NPMX-0406	1/4	6.40	3/8-18	7/8	22	1.48	37.70	2.46	62.50	← Non-Skive →	Y	Y	Y
B2-NPMX-0604	3/8	9.50	1/4-18	11/16	17	1.54	39.10	2.59	65.80		Y	Y	Y
B2-NPMX-0606	3/8	9.50	3/8-18	7/8	22	1.48	37.50	2.53	64.20		Y	Y	Y
B2-NPMX-0608	3/8	9.50	1/2-14	1	25	1.66	42.10	2.71	68.80		Y	Y	Y
B2-NPMX-0806	1/2	12.70	3/8-18	7/8	22	1.51	38.30	2.75	69.80		Y	Y	Y
B2-NPMX-0808	1/2	12.70	1/2-14	1	25	1.69	42.80	2.93	74.30		Y	Y	Y
B2-NPMX-1212	3/4	19.00	3/4-14	1 1/4	32	2.01	51.10	3.57	90.60	→	Y	Y	Y
B2-NPMX-1616	1	25.40	1-11 1/2	1 5/8	41	2.32	58.90	4.07	103.50		Y	Y	Y

NPSM



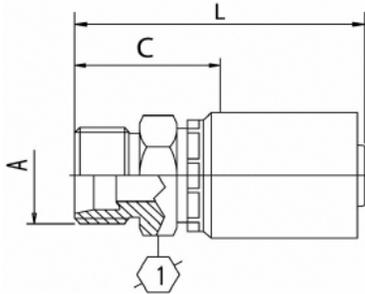
Hose

S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
NS	Y	Y	Y
NS	Y	Y	Y
NS	Y	Y	Y

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Hex-2 Size		Cut-off (C)		Length (L)		Skive Type			
	INCH	MM		Wrench Size	MM	Wrench Size	MM	INCH	MM	INCH	MM				
B2-NSFX-0404	1/4	6.40	1/4-18	11/16	17	13/16	19	0.96	24.30	2.07	52.60	NS	Y	Y	Y
B2-NSFX-0606	3/8	9.50	3/8-18	13/16	19	7/8	22	1.02	25.80	2.31	58.70	NS	Y	Y	Y
B2-NSFX-0808	1/2	12.70	1/2-14	7/8	22	1 1/16	27	1.09	27.60	2.58	65.60	NS	Y	Y	Y



SAE J514 FLARELESS TUBE FITTINGS

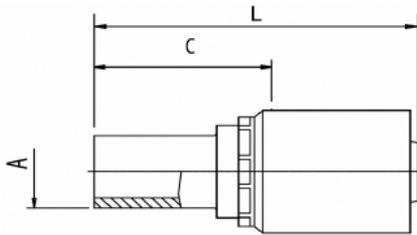


Hose

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-FTM-0404	1/4	6.40	7/16-20	9/16	14	0.98	24.80	1.95	49.60	NS	Y	Y	Y
B2-FTM-0606	3/8	9.50	9/16-18	11/16	17	1.03	26.20	2.08	52.90	NS	Y	Y	Y

**Hydraulic
Hose**

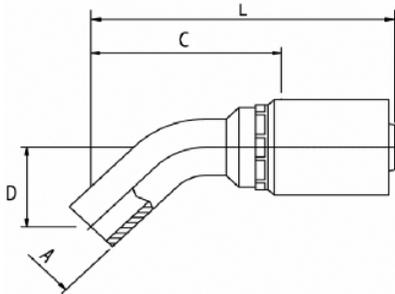
STANDPIPE



Hose

Part Number	Hose I.D.		Tube O.D. (A) MM	Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-SP-0408	1/4	6.40	8	1.19	30.20	2.17	55.00		Y	Y	Y
B2-SP-0410	1/4	6.40	10	1.27	32.20	2.24	57.00		Y	Y	Y
B2-SP-0610	3/8	9.50	10	1.19	30.30	2.24	57.00	↕	Y	Y	Y
B2-SP-0612	3/8	9.50	12	1.15	29.30	2.20	56.00	↕	Y	Y	Y
B2-SP-0815	1/2	12.70	15	1.26	32.00	2.50	63.50	↕	Y	Y	Y
B2-SP-0816	1/2	12.70	16	1.46	37.00	2.70	68.50	↕	Y	Y	Y
B2-SP-1018	5/8	15.90	18	1.35	34.20	2.70	68.50	↕	Y	Y	Y
B2-SP-1020	5/8	15.90	20	1.74	44.20	3.09	78.50	↕	Y	Y	Y
B2-SP-1222	3/4	19.00	22	1.44	36.50	2.99	76.00	↕	Y	Y	Y
B2-SP-1628	1	25.40	28	1.59	40.40	3.35	85.00		Y	Y	Y

STANDPIPE



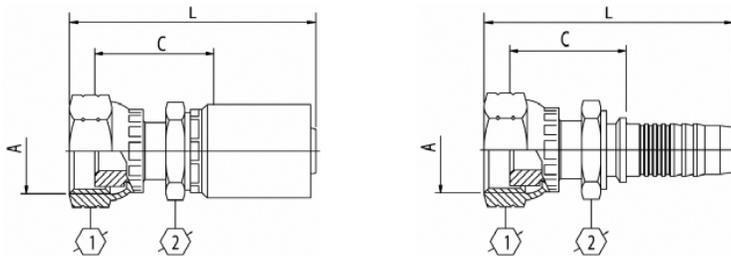
Hose

S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	Y	Y	Y

Part Number	Hose I.D.		Tube O.D.	Drop (D)		Cut-off (C)		Length (L)		Skive Type
	INCH	MM	(A) MM	INCH	MM	INCH	MM	INCH	MM	
B2-SP45-0408	1/4	6.40	8	0.87	22.00	1.73	44.00	2.71	68.80	NS

**Hydraulic
Hose**

O-RING FACE SEAL (SAE J1453 ORS/ORFS)



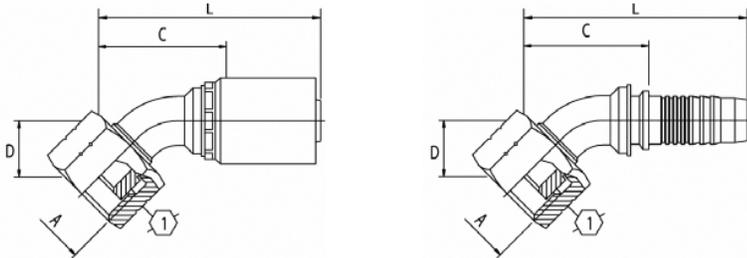
Hose

GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	Y	Y

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Hex-2 Size		Cut-off (C)		Length (L)		Skive Type
	INCH	MM		Wrench Size	MM	Wrench Size	MM	INCH	MM	INCH	MM	
B2-OFFX-0404	1/4	6.40	9/16-18	9/16	14	11/16	17	1.11	28.30	2.41	61.30	Y
B2-OFFX-0406	1/4	6.40	11/16-16	11/16	17	7/8	22	1.19	30.20	2.54	64.50	Y
B2-OFFX-0408	1/4	6.40	13/16-16	15/16	24	7/8	22	1.39	35.30	2.80	71.10	Y
B2-OFFX-0606	3/8	9.50	11/16-16	11/16	17	7/8	22	1.31	33.30	2.74	69.50	Y
B2-OFFX-0608	3/8	9.50	13/16-16	7/8	22	15/16	24	1.39	35.30	2.87	73.00	Y
B2-OFFX-0806	1/2	12.70	11/16-16	13/16	19	7/8	22	1.22	31.10	2.84	72.10	Y
B2-OFFX-0808	1/2	12.70	13/16-16	7/8	22	15/16	24	1.42	36.10	3.09	78.60	Y
B2-OFFX-0810	1/2	12.70	1-14	15/16	24	1 1/4	30	1.56	39.60	3.31	84.10	Y
B2-OFFX-0812	1/2	12.70	1 3/16-12	1 1/4	32	1 7/16	36	1.66	42.10	3.47	88.10	Y
B2-OFFX-1010	5/8	15.90	1-14	15/16	24	1 1/4	30	1.56	39.60	3.42	86.90	Y
B2-OFFX-1012	5/8	15.90	1 3/16-12	1 1/4	30	1 7/16	36	1.66	42.10	3.58	90.90	Y
B2-OFFX-1210	3/4	19.00	1-14	1 1/16	27	1 1/4	30	1.58	40.10	3.65	92.60	Y
B2-OFFX-1212	3/4	19.00	1 3/16-12	1 1/4	32	1 7/16	36	1.68	42.60	3.80	96.60	Y
B2-OFFX-1216	3/4	19.00	1 7/16-12	1 1/2	38	1 5/8	41	1.80	45.60	3.93	99.90	Y
B2-OFFX-1612	1	25.40	1 3/16-12	1 1/4	32	1 7/16	36	1.75	44.40	4.07	103.50	Y
B2-OFFX-1616	1	25.40	1 7/16-12	1 1/2	38	1 5/8	41	1.83	46.40	4.17	105.80	Y
B2-OFFX-1620	1	25.40	1 11/16-12	1 5/8	41	2	50	1.91	48.40	4.24	107.80	Y
S4-OFFX-2020	1 1/4	31.80	1 11/16-12	1 5/8	41	2	50	1.97	50.00	4.02	102.00	Y
UC-OFFX-2020	1 1/4	31.80	1 11/16-12	1 5/8	41	2	50	1.97	50.00	4.60	116.80	
S4-OFFX-2424	1 1/2	38.10	2-12	2	50	2 1/2	60	2.15	54.50	5.14	130.50	Y



O-RING FACE SEAL (SAE J1453 ORS/ORFS)



Hose

GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
--------------	----------------------------	----------------------

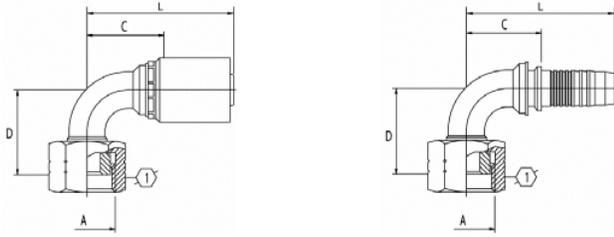
**Hydraulic
Hose**

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-OFFX45-0404	1/4	6.40	9/16-18	11/16	17	0.43	11.00	1.36	34.50	2.33	59.30		Y	Y	Y
B2-OFFX45-0406	1/4	6.40	11/16-16	7/8	22	0.43	11.00	1.42	36.00	2.39	60.80		Y	Y	Y
B2-OFFX45-0606	3/8	9.50	11/16-16	7/8	22	0.47	12.00	1.63	41.50	2.69	68.20		Y	Y	Y
B2-OFFX45-0608	3/8	9.50	13/16-16	15/16	24	0.59	15.00	1.81	46.00	2.86	72.70		Y	Y	Y
B2-OFFX45-0808 ^C	1/2	12.70	13/16-16	7/8	22	0.63	16.00	1.85	47.00	3.09	78.50		Y	Y	Y
B2-OFFX45-0810	1/2	12.70	1-14	1 1/4	30	0.65	16.50	1.97	50.00	3.21	81.50	↕ Non-Skive ↕	Y	Y	Y
B2-OFFX45-1010	5/8	15.90	1-14	1 1/4	30	0.67	17.00	2.19	55.50	3.54	89.80		Y	Y	Y
B2-OFFX45-1012	5/8	15.90	1 3/16-12	1 7/16	36	0.83	21.00	2.40	61.00	3.75	95.30		Y	Y	Y
B2-OFFX45-1212	3/4	19.00	1 3/16-12	1 7/16	36	0.83	21.00	2.48	63.00	4.04	102.50		Y	Y	Y
B2-OFFX45-1216	3/4	19.00	1 7/16-12	1 5/8	41	0.94	24.00	2.76	70.00	4.31	109.50		Y	Y	Y
B2-OFFX45-1616	1	25.40	1 7/16-12	1 5/8	41	1.02	26.00	3.15	80.00	4.91	124.60		Y	Y	Y
S4-OFFX45-2020	1 1/4	31.80	1 11/16-12	2	50	1.02	26.00	3.54	90.00	5.59	142.00		Y	Y	
UC-OFFX45-2020	1 1/4	31.80	1 11/16-12	2	50	1.02	26.00	3.54	90.00	5.59	142.00				UCF4-20
S4-OFFX45-2024	1 1/4	31.80	2-12	2 1/2	60	1.06	27.00	3.54	90.00	5.59	142.00		Y	Y	
UC-OFFX45-2024	1 1/4	31.80	2-12	2 1/2	60	1.06	27.00	3.54	90.00	5.59	142.00				UCF4-20
S4-OFFX45-2424	1 1/2	38.10	2-12	2 1/2	60	1.10	28.00	4.13	105.00	6.46	164.00		Y	Y	

C: Crimp Nut (see 'Fitting Identification' in Appendix for details)

O-RING FACE SEAL (SAE J1453 ORS/ORFS)

Hose



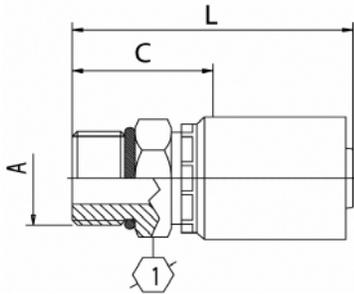
**Hydraulic
Hose**

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Elbow Type	Drop (D)		Cut-off (C)		Length (L)		Skive Type	GR15N, HR15N	GR25N, HR25N, LR25N, CR25N	GR16, GR16SC, AR16SC
	INCH	MM		Wrench Size	MM		INCH	MM	INCH	MM	INCH	MM				
B2-OFFX90-0404	1/4	6.40	9/16-18	11/16	17		1.26	32.00	1.30	33.00	2.28	57.80		Y	Y	Y
B2-OFFX90L-0404	1/4	6.40	9/16-18	11/16	17	Long Tube	1.81	46.00	1.30	33.00	2.28	57.80		Y	Y	Y
B2-OFFX90S-0404	1/4	6.40	9/16-18	11/16	17	Short Tube	0.83	21.00	1.14	29.00	2.12	53.80		Y	Y	Y
B2-OFFX90-0406	1/4	6.40	11/16-16	7/8	22		1.50	38.00	1.46	37.00	2.43	61.80		Y	Y	Y
B2-OFFX90L-0406	1/4	6.40	11/16-16	7/8	22	Long Tube	2.13	54.00	1.46	37.00	2.43	61.80		Y	Y	Y
B2-OFFX90S-0406	1/4	6.40	11/16-16	7/8	22	Short Tube	0.91	23.00	1.26	32.00	2.24	56.80		Y	Y	Y
B2-OFFX90-0606	3/8	9.50	11/16-16	7/8	22		1.50	38.00	1.63	41.50	2.69	68.20		Y	Y	Y
B2-OFFX90L-0606	3/8	9.50	11/16-16	7/8	22	Long Tube	2.13	54.00	1.69	43.00	2.74	69.70		Y	Y	Y
B2-OFFX90S-0606	3/8	9.50	11/16-16	7/8	22	Short Tube	0.98	25.00	1.63	41.50	2.69	68.20		Y	Y	Y
B2-OFFX90-0608	3/8	9.50	13/16-16	15/16	24		1.61	41.00	1.75	44.50	2.80	71.20		Y	Y	Y
B2-OFFX90L-0608	3/8	9.50	13/16-16	15/16	24	Long Tube	2.52	64.00	1.65	42.00	2.70	68.70		Y	Y	Y
B2-OFFX90S-0608	3/8	9.50	13/16-16	15/16	24	Short Tube	1.14	29.00	1.63	41.50	2.69	68.20		Y	Y	Y
B2-OFFX90-0808 ^C	1/2	12.70	13/16-16	1 1/16	27		1.71	43.50	1.50	38.00	2.74	69.50		Y	Y	Y
B2-OFFX90L-0808 ^C	1/2	12.70	13/16-16	15/16	24	Long Tube	2.52	64.00	1.50	38.00	2.74	69.50		Y	Y	Y
B2-OFFX90S-0808 ^C	1/2	12.70	13/16-16	15/16	24	Short Tube	1.14	29.00	1.26	32.00	2.50	63.50		Y	Y	Y
B2-OFFX90-0810	1/2	12.70	1-14	1 1/4	30		1.85	47.00	1.93	49.00	3.17	80.50		Y	Y	Y
B2-OFFX90L-0810	1/2	12.70	1-14	1 1/4	30	Long Tube	2.76	70.00	1.93	49.00	3.17	80.50		Y	Y	Y
B2-OFFX90S-0810	1/2	12.70	1-14	1 1/4	30	Short Tube	1.28	32.50	1.93	49.00	3.17	80.50		Y	Y	Y
B2-OFFX90-1010	5/8	15.90	1-14	15/16	24		1.73	44.00	2.17	55.00	3.52	89.30	← Non-Skive →	Y	Y	Y
B2-OFFX90L-1010	5/8	15.90	1-14	15/16	24	Long Tube	2.76	70.00	2.17	55.00	3.52	89.30		Y	Y	Y
B2-OFFX90S-1010	5/8	15.90	1-14	15/16	24	Short Tube	1.28	32.50	2.24	57.00	3.59	91.30		Y	Y	Y
B2-OFFX90S-1012	5/8	15.90	1 3/16-12	1 7/16	36	Short Tube	1.93	49.00	2.17	55.00	3.52	89.30		Y	Y	Y
B2-OFFX90S-1210 ^C	3/4	19.00	1-14	1 1/4	30	Short Tube	1.26	32.00	2.09	53.00	3.64	92.50		Y	Y	Y
B2-OFFX90-1212	3/4	19.00	1 3/16-12	1 7/16	36		2.28	58.00	2.42	61.50	3.98	101.00		Y	Y	Y
B2-OFFX90L-1212	3/4	19.00	1 3/16-12	1 7/16	36	Long Tube	3.78	96.00	2.42	61.50	3.98	101.00		Y	Y	Y
B2-OFFX90S-1212	3/4	19.00	1 3/16-12	1 7/16	36	Short Tube	1.97	50.00	2.42	61.50	3.98	101.00		Y	Y	Y
B2-OFFX90S-1216	3/4	19.00	1 7/16-12	1 5/8	41	Short Tube	2.80	71.00	2.42	61.50	3.98	101.00		Y	Y	Y
B2-OFFX90-1616	1	25.40	1 7/16-12	1 5/8	41		2.60	66.00	3.23	82.00	4.98	126.60		Y	Y	Y
B2-OFFX90L-1616	1	25.40	1 7/16-12	1 5/8	41	Long Tube	4.49	114.00	3.23	82.00	4.98	126.60		Y	Y	Y
B2-OFFX90S-1616	1	25.40	1 7/16-12	1 5/8	41	Short Tube	2.28	58.00	3.23	82.00	4.98	126.60		Y	Y	Y
B2-OFFX90-1620	1	25.40	1 11/16-12	2	50		3.07	78.00	3.23	82.00	4.98	126.60		Y	Y	Y
B2-OFFX90S-1620	1	25.40	1 11/16-12	2	50	Short Tube	2.60	66.00	3.23	82.00	4.98	126.60		Y	Y	Y
S4-OFFX90-2020	1 1/4	31.80	1 11/16-12	2	50		3.07	78.00	3.82	97.00	5.87	149.00		Y	Y	
S4-OFFX90L-2020	1 1/4	31.80	1 11/16-12	2	50	Long Tube	5.08	129.00	3.82	97.00	5.87	149.00		Y	Y	
S4-OFFX90S-2020	1 1/4	31.80	1 11/16-12	2	50	Short Tube	2.60	66.00	3.82	97.00	5.87	149.00		Y	Y	
UC-OFFX90S-2020	1 1/4	31.80	1 11/16-12	2	50	Short Tube	2.60	66.00	3.82	97.00	5.87	149.00				UCF4-20
S4-OFFX90L-2024	1 1/4	31.80	2-12	2 1/2	60	Long Tube	5.55	141.00	3.82	97.00	5.87	149.00		Y	Y	
UC-OFFX90L-2024	1 1/4	31.80	2-12	2 1/2	60	Long Tube	5.55	141.00	3.82	97.00	5.87	149.00				UCF4-20
S4-OFFX90S-2024	1 1/4	31.80	2-12	2 1/2	60	Short Tube	2.72	69.00	3.82	97.00	5.87	149.00		Y	Y	
UC-OFFX90S-2024	1 1/4	31.80	2-12	2 1/2	60	Short Tube	2.72	69.00	3.82	97.00	5.87	149.00				UCF4-20
S4-OFFX90-2424	1 1/2	38.10	2-12	2 1/2	60		3.31	84.00	4.33	110.00	6.65	169.00		Y	Y	
S4-OFFX90S-2424	1 1/2	38.10	2-12	2 1/2	60	Short Tube	2.72	69.00	4.33	110.00	6.65	169.00		Y	Y	

C: Crimp Nut (see 'Fitting Identification' in Appendix for details)



O-RING BOSS STRAIGHT THREAD (SAE J514)



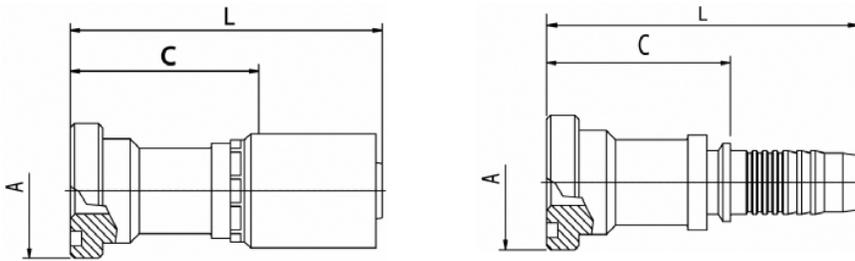
**Hydraulic
Hose**

Hose

GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
--------------	----------------------------	----------------------

Part Number	Hose I.D.		Thread Size (A)	Hex-1 Size		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		Wrench Size	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-OBM-0404	1/4	6.40	7/16-20	9/16	14	0.88	22.40	1.86	47.20		Y	Y	Y
B2-OBM-0405	1/4	6.40	1/2-20	5/8	16	0.88	22.40	1.86	47.20		Y	Y	Y
B2-OBM-0406	1/4	6.40	9/16-18	11/16	17	0.95	24.20	1.93	49.00		Y	Y	Y
B2-OBM-0606	3/8	9.50	9/16-18	13/16	19	0.95	24.20	2.00	50.90		Y	Y	Y
B2-OBM-0608	3/8	9.50	3/4-16	7/8	22	1.04	26.40	2.09	53.10	Non-Skive	Y	Y	Y
B2-OBM-0610	3/8	9.50	7/8-14	1 1/16	27	1.14	28.90	2.19	55.60		Y	Y	Y
B2-OBM-0808	1/2	12.70	3/4-16	7/8	22	1.07	27.20	2.31	58.70		Y	Y	Y
B2-OBM-0810	1/2	12.70	7/8-14	1 1/16	27	1.09	27.80	2.33	59.30		Y	Y	Y
B2-OBM-0812	1/2	12.70	1 1/16-12	1 1/4	32	1.27	32.20	2.51	63.70		Y	Y	Y
B2-OBM-1012	5/8	15.90	1 1/16-12	1 1/4	32	1.27	32.20	2.62	66.50		Y	Y	Y
B2-OBM-1210	3/4	19.00	7/8-14	1 1/16	27	1.19	30.30	2.75	69.80		Y	Y	Y
B2-OBM-1212	3/4	19.00	1 1/16-12	1 1/4	32	1.29	32.70	2.84	72.20		Y	Y	Y
B2-OBM-1216	3/4	19.00	1 5/16-12	1 1/2	38	1.41	35.70	2.96	75.20		Y	Y	Y
B2-OBM-1616	1	25.40	1 5/16-12	1 1/2	38	1.44	36.50	3.19	81.10		Y	Y	Y

CODE 61 FLANGE (SAE J518)



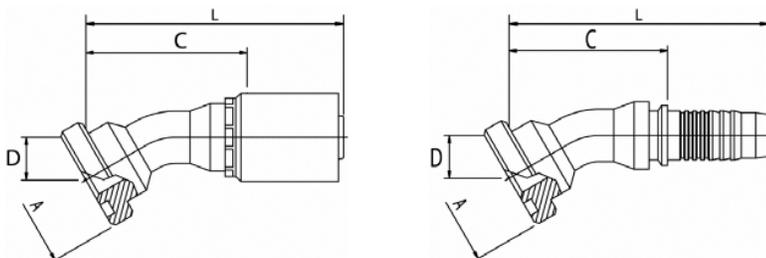
Hose

GR15N, HR15N	GR25N, HR25N, CR25N, LR25N	GR16, GR16SC, AR16SC
--------------	----------------------------	----------------------

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM		GR15N, HR15N	GR25N, HR25N, CR25N, LR25N	GR16, GR16SC, AR16SC
B2-FL-0808	1/2	12.70	1/2	1.19	30.20	1.61	41.00	2.85	72.50		Y	Y	Y
B2-FL-0812	1/2	12.70	3/4	1.50	38.10	1.65	42.00	2.89	73.50		Y	Y	Y
B2-FL-1012	5/8	15.90	3/4	1.50	38.10	1.66	42.10	3.01	76.40		Y	Y	Y
B2-FL-1212	3/4	19.00	3/4	1.50	38.10	1.67	42.50	3.23	82.00		Y	Y	Y
B2-FL-1216	3/4	19.00	1	1.75	44.50	1.99	50.50	3.54	90.00	↕	Y	Y	Y
B2-FL-1616	1	25.40	1	1.75	44.50	2.03	51.50	3.78	96.10	Non-Skive	Y	Y	Y
B2-FL-1620	1	25.40	1 1/4	2.00	50.80	2.13	54.00	3.88	98.60		Y	Y	Y
S4-FL-2020	1 1/4	31.80	1 1/4	2.00	50.80	2.19	55.50	4.23	107.50	↕	Y	Y	
UC-FL-2020	1 1/4	31.80	1 1/4	2.00	50.80	2.19	55.50	4.23	107.50				UCF4-20
S4-FL-2024	1 1/4	31.80	1 1/2	2.37	60.30	2.30	58.50	4.35	110.50	↕	Y	Y	
UC-FL-2024	1 1/4	31.80	1 1/2	2.37	60.30	2.30	58.50	4.35	110.50				UCF4-20
S4-FL-2424	1 1/2	38.10	1 1/2	2.37	60.30	2.30	58.50	4.63	117.50		Y	Y	
S4-FL-2432	1 1/2	38.10	2	2.81	71.40	2.76	70.00	5.08	129.00		Y	Y	
S4-FL-3232	2	50.80	2	2.81	71.40	2.76	70.00	5.59	142.00		Y	Y	

**Hydraulic
Hose**

CODE 61 FLANGE (SAE J518)



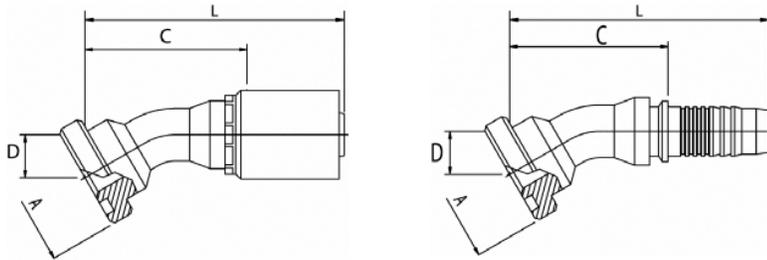
Hose

S = Skive, NS = Non-Skive, DG = Dual-Grip	GR15N, HR15N	GR25N, HR25N, CR25N, LR25N	GR16, GR16SC, AR16SC
---	--------------	----------------------------	----------------------

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM		GR15N, HR15N	GR25N, HR25N, CR25N, LR25N	GR16, GR16SC, AR16SC
B2-FL22-1616	1	25.40	1	1.75	44.50	0.47	12.00	3.41	86.50	5.16	131.10	NS	Y	Y	Y
S4-FL22-2020	1 1/4	31.80	1 1/4	2.00	50.80	0.51	13.00	4.49	114.00	6.54	166.00	NS	Y	Y	
UC-FL22-2020	1 1/4	31.80	1 1/4	2.00	50.80	0.51	13.00	4.49	114.00	6.54	166.00	NS			UCF4-20
S4-FL22-2424	1 1/2	38.10	1 1/2	2.37	60.30	0.65	16.50	5.26	133.50	7.58	192.50	NS	Y	Y	



CODE 61 FLANGE (SAE J518)



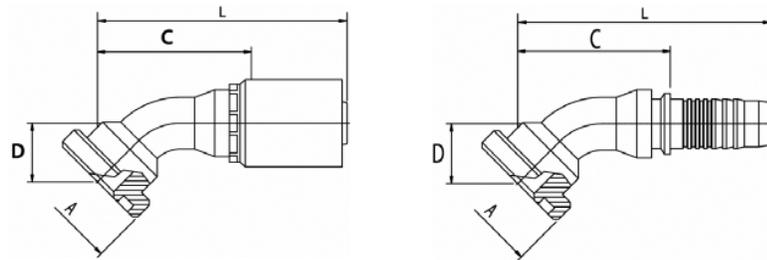
Hose

GR15N, HR15N	GR25N, HR25N, CR25N	GR16, GR16SC, AR16SC
--------------	---------------------	----------------------

**Hydraulic
Hose**

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM		GR15N, HR15N	GR25N, HR25N, CR25N	GR16, GR16SC, AR16SC
B2-FL30-1616	1	25.40	1	1.75	44.50	0.83	21.00	4.61	117.00	6.36	161.60	↕	Y	Y	Y
S4-FL30-2020	1 1/4	31.80	1 1/4	2.00	50.80	0.98	25.00	4.13	105.00	6.18	157.00	↕	Y	Y	
UC-FL30-2020	1 1/4	31.80	1 1/4	2.00	50.80	0.98	25.00	4.13	105.00	6.18	157.00	↕			UCF4-20
S4-FL30-2024	1 1/4	31.80	1 1/2	2.37	60.30	1.06	27.00	4.49	114.00	6.54	166.00	↕	Y	Y	
UC-FL30-2024	1 1/4	31.80	1 1/2	2.37	60.30	1.06	27.00	4.49	114.00	6.54	166.00	↕			UCF4-20
S4-FL30-2424	1 1/2	38.10	1 1/2	2.37	60.30	0.75	19.00	5.12	130.00	7.44	189.00	↕	Y	Y	

CODE 61 FLANGE (SAE J518)



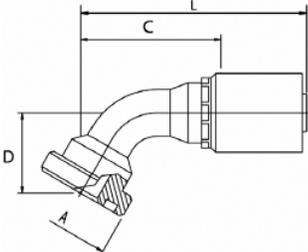
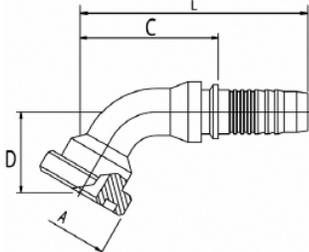
Hose

GR15N, HR15N	GR25N, HR25N, CR25N	GR16, GR16SC, AR16SC
--------------	---------------------	----------------------

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM		GR15N, HR15N	GR25N, HR25N, CR25N	GR16, GR16SC, AR16SC
B2-FL45-0808	1/2	12.70	1/2	1.19	30.20	0.87	22.00	2.09	53.00	3.33	84.50		Y	Y	Y
B2-FL45-0812	1/2	12.70	3/4	1.50	38.10	1.02	26.00	2.24	57.00	3.48	88.50		Y	Y	Y
B2-FL45-1212	3/4	19.00	3/4	1.50	38.10	1.26	32.00	2.97	75.50	4.53	115.00		Y	Y	Y
B2-FL45-1216	3/4	19.00	1	1.75	44.50	1.14	29.00	3.11	79.00	4.67	118.50	↕	Y	Y	Y
B2-FL45-1616	1	25.40	1	1.75	44.50	1.32	33.50	3.33	84.50	5.08	129.10	↕	Y	Y	Y
B2-FL45-1620	1	25.40	1 1/4	2.00	50.80	1.42	36.00	3.27	83.00	5.02	127.60	↕	Y	Y	Y
S4-FL45-2020	1 1/4	31.80	1 1/4	2.00	50.80	1.26	32.00	4.15	105.50	6.20	157.50	↕	Y	Y	
UC-FL45-2020	1 1/4	31.80	1 1/4	2.00	50.80	1.26	32.00	4.15	105.50	6.20	157.50	↕			UCF4-20
S4-FL45-2024	1 1/4	31.80	1 1/2	2.37	60.30	1.50	38.00	4.17	106.00	6.22	158.00	↕	Y	Y	
UC-FL45-2024	1 1/4	31.80	1 1/2	2.37	60.30	1.50	38.00	4.17	106.00	6.22	158.00	↕			UCF4-20
S4-FL45-2424	1 1/2	38.10	1 1/2	2.37	60.30	2.01	51.00	4.43	112.50	6.75	171.50	↕	Y	Y	
S4-FL45-2432	1 1/2	38.10	2	2.81	71.40	2.22	56.50	5.30	134.50	7.62	193.50	↕	Y	Y	
S4-FL45-3232	2	50.80	2	2.81	71.40	2.46	62.50	6.24	158.50	9.07	230.50	↕	Y	Y	



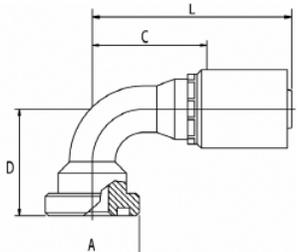
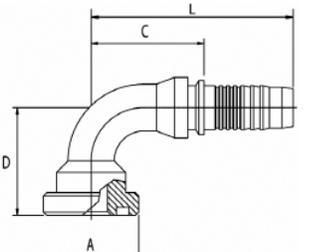
CODE 61 FLANGE (SAE J518)

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-FL60-1212	3/4	19.00	3/4	1.50	38.10	1.46	37.00	3.39	86.00	4.94	125.50	NS	Y	Y	Y
B2-FL60-1216	3/4	19.00	1	1.75	44.50	1.73	44.00	4.06	103.00	5.61	142.50	NS	Y	Y	Y
S4-FL60-2020	1 1/4	31.80	1 1/4	2.00	50.80	2.22	56.50	5.10	129.50	7.15	181.50	NS	Y	Y	
UC-FL60-2020	1 1/4	31.80	1 1/4	2.00	50.80	2.22	56.50	5.10	129.50	7.15	181.50	NS			UCF4-20

**Hydraulic
Hose**

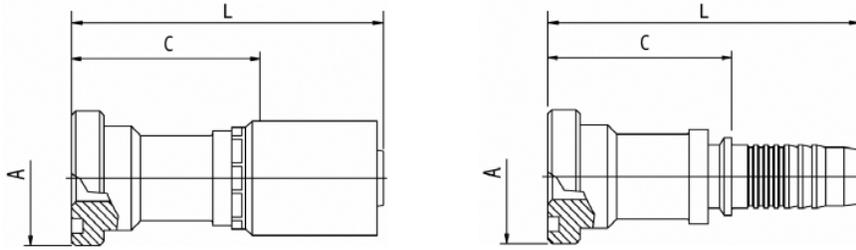
CODE 61 FLANGE (SAE J518)

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	Hose		
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM		GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
B2-FL90-0808	1/2	12.70	1/2	1.19	30.20	1.65	42.00	1.77	45.00	3.01	76.50		Y	Y	Y
B2-FL90-0812	1/2	12.70	3/4	1.50	38.10	2.01	51.00	1.79	45.50	3.03	77.00		Y	Y	Y
B2-FL90-1212	3/4	19.00	3/4	1.50	38.10	2.22	56.50	2.40	61.00	3.96	100.50		Y	Y	Y
B2-FL90-1216	3/4	19.00	1	1.75	44.50	2.54	64.50	2.40	61.00	3.96	100.50		Y	Y	Y
B2-FL90-1616	1	25.40	1	1.75	44.50	2.83	72.00	2.89	73.50	4.65	118.10		Y	Y	Y
B2-FL90-1620	1	25.40	1 1/4	2.00	50.80	3.11	79.00	3.01	76.50	4.77	121.10		Y	Y	Y
S4-FL90-2016	1 1/4	31.80	1	1.75	44.50	2.56	65.00	3.64	92.50	5.69	144.50		Y	Y	
UC-FL90-2016	1 1/4	31.80	1	1.75	44.50	2.56	65.00	3.64	92.50	5.69	144.50				UCF4-20
S4-FL90-2020	1 1/4	31.80	1 1/4	2.00	50.80	3.11	79.00	3.86	98.00	5.91	150.00		Y	Y	
UC-FL90-2020	1 1/4	31.80	1 1/4	2.00	50.80	3.11	79.00	3.86	98.00	5.91	150.00				UCF4-20
S4-FL90-2024	1 1/4	31.80	1 1/2	2.37	60.30	3.44	87.50	3.92	99.50	5.96	151.50		Y	Y	
UC-FL90-2024	1 1/4	31.80	1 1/2	2.37	60.30	3.46	88.00	3.92	99.50	5.96	151.50				UCF4-20
S4-FL90-2424	1 1/2	38.10	1 1/2	2.37	60.30	4.02	102.00	3.90	99.00	6.22	158.00		Y	Y	
S4-FL90-2432	1 1/2	38.10	2	2.81	71.40	4.53	115.00	4.45	113.00	6.77	172.00		Y	Y	
S4-FL90-3232	2	50.80	2	2.81	71.40	5.31	135.00	5.63	143.00	8.46	215.00		Y	Y	



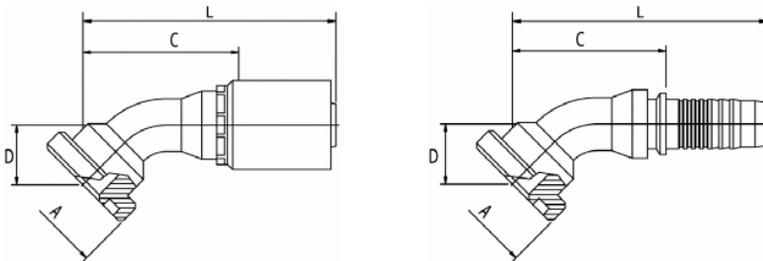
CODE 62 FLANGE (SAE J518)



Hose		
GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	UCF4-20

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Cut-off (C)		Length (L)		Skive Type
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	
B2-FH-1212	3/4	19.00	3/4	1.63	41.30	2.07	52.50	3.62	92.00	Skive
B2-FH-1616	1	25.40	1	1.87	47.60	2.22	56.50	3.98	101.10	Skive
B2-FH-1620	1	25.40	1 1/4	2.13	54.00	2.50	63.50	4.26	108.10	Non-Skive
S4-FH-2020	1 1/4	31.80	1 1/4	2.13	54.00	2.56	65.00	4.61	117.00	Non-Skive
UC-FH-2020	1 1/4	31.80	1 1/4	2.13	54.00	2.56	65.00	4.61	117.00	Non-Skive
S4-FH-2024	1 1/4	31.80	1 1/2	2.50	63.50	2.80	71.00	4.84	123.00	Skive
UC-FH-2024	1 1/4	31.80	1 1/2	2.50	63.50	2.80	71.00	4.84	123.00	Skive
S4-FH-2424	1 1/2	38.10	1 1/2	2.50	63.50	2.80	71.00	5.12	130.00	Skive
S4-FH-2432	1 1/2	38.10	2	3.13	79.40	2.99	76.00	5.31	135.00	Skive
S4-FH-3232	2	50.80	2	3.13	79.40	2.99	76.00	5.83	148.00	Skive

CODE 62 FLANGE (SAE J518)

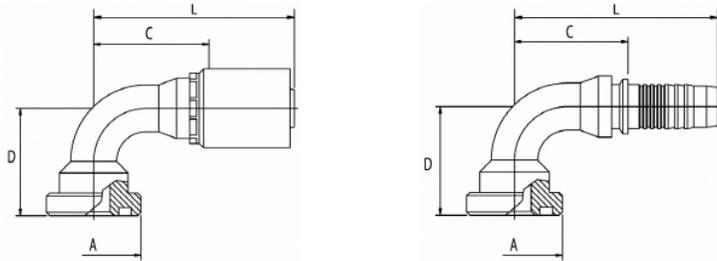


Hose		
GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	UCF4-20

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B2-FH45-1212	3/4	19.00	3/4	1.63	41.30	1.10	28.00	2.95	75.00	4.51	114.50	Skive
B2-FH45-1616	1	25.40	1	1.87	47.60	1.42	36.00	3.78	96.00	5.54	140.60	Skive
B2-FH45-1620	1	25.40	1 1/4	2.13	54.00	1.54	39.00	3.78	96.00	5.54	140.60	Non-Skive
S4-FH45-2020	1 1/4	31.80	1 1/4	2.13	54.00	1.57	40.00	4.47	113.50	6.52	165.50	Non-Skive
UC-FH45-2020	1 1/4	31.80	1 1/4	2.13	54.00	1.57	40.00	4.49	114.00	6.54	166.00	Non-Skive
S4-FH45-2024	1 1/4	31.80	1 1/2	2.50	63.50	1.83	46.50	4.51	114.50	6.56	166.50	Skive
S4-FH45-2424	1 1/2	38.10	1 1/2	2.50	63.50	1.81	46.00	4.55	115.50	6.87	174.50	Skive
S4-FH45-2432	1 1/2	38.10	2	3.13	79.40	2.26	57.50	5.22	132.50	7.54	191.50	Skive
S4-FH45-3232	2	50.80	2	3.13	79.40	2.36	60.00	6.14	156.00	8.98	228.00	Skive



CODE 62 FLANGE (SAE J518)

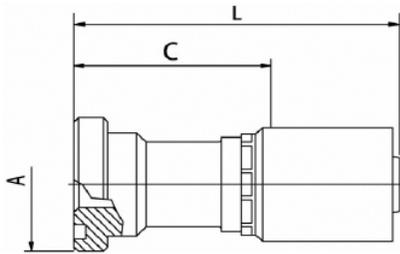


Hose

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM				
B2-FH90-0808	1/2	12.70	1/2	1.25	31.80	1.81	46.00	1.89	48.00	3.13	79.50		Y	Y	Y
B2-FH90-1212	3/4	19.00	3/4	1.63	41.30	2.40	61.00	2.40	61.00	3.96	100.50		Y	Y	Y
B2-FH90-1616	1	25.40	1	1.87	47.60	2.97	75.50	3.01	76.50	4.77	121.10		Y	Y	Y
B2-FH90-1620	1	25.40	1 1/4	2.13	54.00	3.07	78.00	3.01	76.50	4.77	121.10		Y	Y	Y
S4-FH90-2020	1 1/4	31.80	1 1/4	2.13	54.00	3.50	89.00	3.82	97.00	5.87	149.00	Non-Skive	Y	Y	
UC-FH90-2020	1 1/4	31.80	1 1/4	2.13	54.00	3.50	89.00	3.82	97.00	5.87	149.00				UCF4-20
S4-FH90-2024	1 1/4	31.80	1 1/2	2.50	63.50	3.70	94.00	3.86	98.00	5.91	150.00		Y	Y	
UC-FH90-2024	1 1/4	31.80	1 1/2	2.50	63.50	3.70	94.00	3.86	98.00	5.91	150.00				UCF4-20
S4-FH90-2424	1 1/2	38.10	1 1/2	2.50	63.50	3.94	100.00	4.45	113.00	6.77	172.00		Y	Y	
S4-FH90-2432	1 1/2	38.10	2	3.13	79.40	4.84	123.00	4.45	113.00	6.77	172.00		Y	Y	
S4-FH90-3232	2	50.80	2	3.13	79.40	5.20	132.00	5.63	143.00	8.46	215.00		Y	Y	

**Hydraulic
Hose**

KOMATSU® FLANGE



Hose

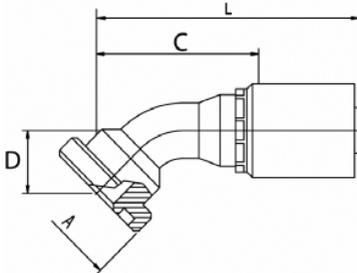
Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Cut-off (C)		Length (L)		Skive Type	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	INCH	MM		INCH	MM	INCH	MM	INCH	MM				
B2-KF-1010	5/8	15.90	5/8	1.34	34.00	1.83	46.60	3.19	80.90	NS	Y	Y	Y

S = Skive, NS = Non-Skive, DG = Dual-Grip



KOMATSU® FLANGE

Hose

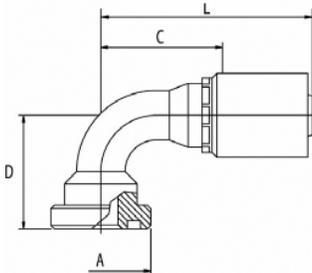


S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	Y	Y	Y
	Y	Y	Y
	Y	Y	Y

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B2-KF45-1010	5/8	15.90	5/8	1.34	34.00	0.91	23.00	2.32	59.00	3.67	93.30	NS

KOMATSU® FLANGE

Hose



S = Skive, NS = Non-Skive, DG = Dual-Grip	GR1SN, HR1SN	GR2SN, HR2SN, LR2SN, CR2SN	GR16, GR16SC, AR16SC
	Y	Y	Y
	Y	Y	Y
	Y	Y	Y

Part Number	Hose I.D.		Flange Size INCH	Flange Dia (A)		Drop (D)		Cut-off (C)		Length (L)		Skive Type
	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B2-KF90-1010	5/8	15.90	5/8	1.34	34.00	2.01	51.00	2.01	51.00	3.36	85.30	NS

