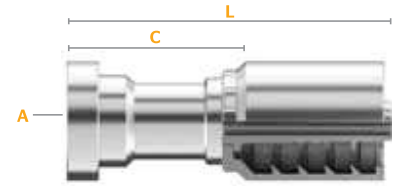







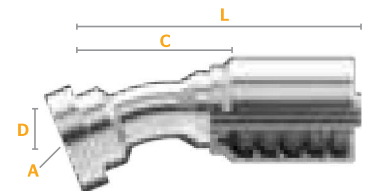
Code 61 Flange (SAE J518)









Part Number	Product Number	SAP Number								
			Hose ID	Flange Size	Flange Diameter (A)	in.	mm	in.	mm	in.
SG-FL-0808	29320-0808	20822104	1/2	1/2	1.19	30.2	1.61	40.9	3.15	79.9
SG-FL-0812	29320-0812	20822131	1/2	3/4	1.50	38.1	1.65	41.9	3.19	80.9
SG-FL-1012	29320-1012	20822102	5/8	3/4	1.50	38.1	1.71	43.3	3.30	83.8
SG-FL-1212	29320-1212	20822098	3/4	3/4	1.50	38.1	1.75	44.3	3.62	91.8
SG-FL-1216	29320-1216	20822097	3/4	1	1.75	44.5	1.99	50.5	3.86	98.0
SG-FL-1220	29320-1220	20822096	3/4	1 1/4	2.00	50.8	2.09	53.0	3.96	100.6
SG-FL-1616	29320-1616	20822094	1	1	1.75	44.5	2.09	53.1	4.37	111.1
SG-FL-1620	29320-1620	20822093	1	1 1/4	2.00	50.8	2.12	53.9	4.40	111.8
SG-FL-1624	29320-1624	20822092	1	1 1/2	2.37	60.3	2.32	58.9	4.60	116.8
SG-FL-2020	29320-2020	20926491	1 1/4	1 1/4	2.00	50.8	2.25	57.2	5.38	136.8
SG-FL-2020S	29320-2020S	20933827	1 1/4	1 1/4	2.00	50.8	2.25	57.2	5.38	136.8
SG-FL-2420	29320-2420	20873213	1 1/2	1 1/4	2.00	50.8	2.19	55.6	5.65	143.6
SG-FL-2424	29320-2424	20757499	1 1/2	1 1/2	2.38	60.3	2.91	73.8	6.45	163.9
SG-FL-2424S	29320-2424S	20933828	1 1/2	1 1/2	2.38	60.3	2.91	73.8	6.45	163.9
SG-FL-2432	29320-2432	20873214	1 1/2	2	2.81	71.4	2.76	70.1	6.23	158.1
SG-FL-3232	29320-3232	20833306	2	2	2.81	71.4	2.91	73.8	6.45	163.9
SG-FL-3232S	29320-3232S	20933829	2	2	2.81	71.4	2.91	73.8	6.45	163.9

Code 61 Flange (SAE J518)

22.5° Elbow

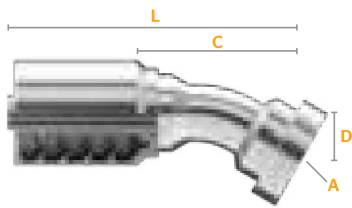


Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	Flange Diameter (A)	Drop (D)	in.	mm	in.	mm	in.	mm
SG-FL22-0808	29330-0808	20822091	1/2	1/2	1.19	30.2	0.35	9.0	2.32	58.9	3.86	97.9
SG-FL22-1212	29330-1212	20822090	3/4	3/4	1.50	38.1	0.55	14.0	3.325	84.5	5.20	132.0
SG-FL22-1216	29330-1216	20822089	3/4	1	1.75	44.5	0.55	14.0	3.39	86.1	5.26	133.6
SG-FL22-1616	29330-1616	20822088	1	1	1.75	44.5	0.55	14.0	4.217	107.1	6.50	165.1
SG-FL22-1620	29330-1620	20822087	1	1 1/4	2.00	50.8	0.59	15.0	3.62	91.9	5.90	149.9
SG-FL22-2020	29330-2020	20926492	1 1/4	1 1/4	2.00	50.8	0.60	15.2	4.50	114.3	7.63	193.9
SG-FL22-2024	29330-2024	20926493	1 1/4	1 1/2	2.38	60.3	0.60	15.2	4.50	114.3	7.63	193.9
SG-FL22-2424	29330-2424	20873212	1 1/2	1 1/2	2.38	60.3	0.71	18.0	5.16	131.1	8.63	219.1
SG-FL22-3232	29330-3232	20873187	2	2	2.81	71.4	0.87	22.0	5.709	145.0	9.25	235.0









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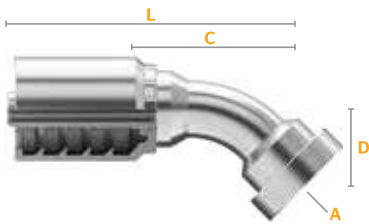
Section 2 SG Fittings



Code 61 Flange (SAE J518)







30° Elbow

Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	Flange Diameter (A)	Drop (D)	Cut-Off (C)	Length (L)				
			in.		in.	mm	in.	mm	in.	mm	in.	mm
SG-FL30-1212	29335-1212	20822086	3/4	3/4	2.37	60.3	0.69	17.5	3.23	81.9	5.136	130.5
SG-FL30-1216	29335-1216	20822085	3/4	1	1.75	44.5	0.75	19.0	3.31	84.1	5.18	131.6
SG-FL30-1616	29335-1616	20822084	1	1	1.75	44.5	0.75	19.0	4.151	105.4	6.43	163.4
SG-FL30-1620	29335-1620	20822083	1	1 ¼	1 ¼	2.0	0.87	22.0	3.54	89.9	5.82	147.9
SG-FL30-1624	29335-1624	20822082	1	1 ½	2.37	60.3	1.06	27.0	4.213	107.0	6.49	165.0
SG-FL30-2020	29335-2020	20926494	1 ¼	1 ¼	2.00	50.8	0.87	22.0	4.25	108.0	7.38	187.6
SG-FL30-2024	29335-2024	20926495	1 ¼	1 ½	2.38	60.3	0.87	22.0	4.25	108.0	7.38	187.6
SG-FL30-2424	29335-2424	20873215	1 ½	1 ½	2.38	60.3	1.18	30.0	5.33	135.4	8.80	223.4
SG-FL30-2432	29335-2432	20873216	1 ½	2	2.81	71.4	1.18	30.0	5.33	135.4	8.80	223.4
SG-FL30-3232	29335-3232	20873188	2	2	2.81	71.4	1.26	32.0	5.71	145.0	9.25	235.0



Code 61 Flange (SAE J518)

45° Elbow

Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	Flange Diameter (A)	Drop (D)	Cut-Off (C)	Length (L)				
			in.		in.	mm	in.	mm	in.	mm	in.	mm
SG-FL45-0808	29340-0808	20822081	3/4	3/4	1.50	38.1	0.98	25.0	2.72	69.0	5.24	133.0
SG-FL45-0812	29340-0812	20822080	3/4	3/4	1.50	38.1	1.10	28.0	2.80	71.0	4.96	126.0
SG-FL45-1012	29340-1012	20822079	1	1	1.75	44.5	1.38	35.0	3.27	83.0	6.30	160.0
SG-FL45-1212	29340-1212	20822078	1	1	1.75	44.5	1.38	35.0	3.46	88.0	5.98	152.0
SG-FL45-1216	29340-1216	20822077	1	1 ¼	2.00	50.8	1.18	30.0	3.78	96.0	6.77	172.0

Continued on the next page.

FITTINGS



ContiTech







Section 2 SG Fittings

COMPATIBLE HOSE:

SR12 SR13 SR15 S4SP XCP3S XCP5S
ARC12 ARC13 ARC15 S4SH XCP4S XCP6S

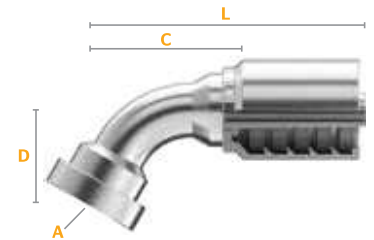
For a detailed list, please refer to your Crimp Specifications Manual.







Code 61 Flange (45° Elbow) Continued

Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	in.	mm	in.	mm	in.	mm	in.	mm
SG-FL45-1616	29340-1616	20822076	1 ¼	1 ¼	2.00	50.8	1.28	32.5	3.98	101.0	7.40	188.0
SG-FL45-1620	29340-1620	20822075	1 ¼	1 ¼	2.00	50.8	1.52	38.5	4.09	104.0	7.87	200.0
SG-FL45-2020	29340-2020	20926496	1 ¼	1 ¼	2.00	50.8	1.50	38.1	3.88	98.4	7.01	178.0
SG-FL45-2020S	29340-2020S	20933830	1 ¼	1 ¼	2.00	50.8	1.50	38.1	3.88	98.4	7.01	178.0
SG-FL45-2024	29340-2024	20926497	1 ¼	1 ½	2.37	60.3	1.50	38.1	3.88	98.4	7.01	178.0
SG-FL45-2424	29340-2424	20757724	1 ½	1 ½	2.38	60.3	1.73	44.0	4.37	111.0	7.84	199.0
SG-FL45-2424S	29340-2424S	20933831	1 ½	1 ½	2.38	60.3	1.73	44.0	4.37	111.0	8.27	209.9
SG-FL45-2432	29340-2432	20873217	1 ½	2	2.81	71.4	1.73	44.0	4.37	111.0	8.27	209.9
SG-FL45-3232	29340-3232	20873189	2	2	2.81	71.4	2.21	56.0	6.10	155.0	9.65	245.0
SG-FL45-3232S	29340-3232S	20933832	2	2	2.81	71.4	2.21	56.0	6.10	155.0	9.65	245.0

Code 61 Flange (SAE J518)

60° Elbow

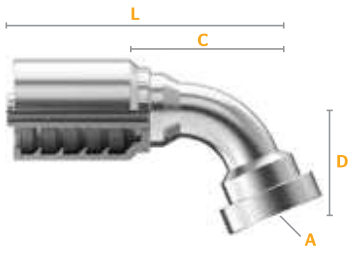


Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	in.	mm	in.	mm	in.	mm	in.	mm
SG-FL60-1212	29345-1212	20822074	3/4	3/4	1.50	38.1	1.46	37.1	3.47	88.0	5.336	135.5
SG-FL60-1216	29345-1216	20822073	3/4	1	1.75	44.5	1.73	44.0	3.46	87.9	5.33	135.4
SG-FL60-1616	29345-1616	20822072	1	1	1.75	44.5	1.73	44.0	4.15	105.4	6.43	163.4
SG-FL60-1620	29345-1620	20822071	1	1 ¼	2.00	50.8	2.17	55.0	4.2	106.7	6.48	164.7
SG-FL60-2020	29345-2020	20926498	1 ¼	1 ¼	2.00	50.8	2.20	55.9	5.13	130.2	8.26	209.8
SG-FL60-2024	29345-2024	20926499	1 ¼	1 ½	2.37	60.3	2.20	55.9	5.13	130.2	8.26	209.8
SG-FL60-2424	29345-2424	20873218	1 ½	1 ½	2.37	60.3	2.52	64.0	5.35	135.9	8.82	223.9
SG-FL60-2432	29345-2432	20873219	1 ½	2	2.81	71.4	2.52	64.0	5.35	135.9	8.82	223.9
SG-FL60-3232	29345-3232	20873190	2	2	2.81	71.4	3.27	83.0	5.71	145.0	9.25	235.0









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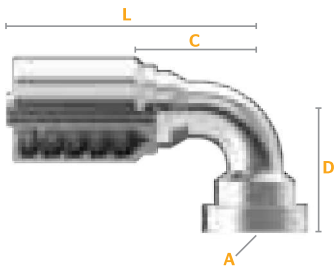
Section 2
SG Fittings



Code 61 Flange (SAE J518)







67° Elbow

Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	Flange Diameter (A)		Drop (D)		Cut-Off (C)		Length (L)	
			in.		in.	mm	in.	mm	in.	mm	in.	mm
SG-FL67-1212	29347-1212	20822070	3/4	3/4	1.50	38.1	1.65	42.0	3.17	80.4	5.04	127.9
SG-FL67-1216	29347-1216	20822069	3/4	1	1.75	44.5	2.01	51.0	3.46	87.9	5.33	135.4
SG-FL67-1616	29347-1616	20822068	1	1	1.75	44.5	2.4	61.0	3.84	97.6	6.13	155.6
SG-FL67-1620	29347-1620	20822067	1	1 1/4	2.00	50.8	2.52	64.0	3.88	98.6	6.16	156.5
SG-FL67-2020	29347-2020	20926500	1 1/4	1 1/4	2.00	50.8	2.50	63.5	4.50	114.3	7.63	193.9
SG-FL67-2024	29347-2024	20926501	1 1/4	1 1/2	2.37	60.3	2.50	63.5	4.50	114.3	7.63	193.9
SG-FL67-2424	29347-2424	20873220	1 1/2	1 1/2	2.37	60.3	2.91	74.0	5.33	135.4	8.80	223.4
SG-FL67-2432	29347-2432	20873221	1 1/2	2	2.81	71.4	2.91	74.0	5.33	135.4	8.80	223.4
SG-FL67-3232	29347-3232	20873191	2	2	2.81	71.4	3.82	97.0	6.30	160.0	9.84	250.0



Code 61 Flange (SAE J518)

90° Elbow

Part Number	Product Number	SAP Number										
			Hose ID	Flange Size	Flange Diameter (A)		Drop (D)		Cut-Off (C)		Length (L)	
			in.		in.	mm	in.	mm	in.	mm	in.	mm
SG-FL90-0808	29350-0808	20758301	1/2	1/2	1.19	30.2	1.63	41.5	1.89	48.0	3.43	87.0
SG-FL90-0812	29350-0812	20822066	1/2	3/4	1.50	38.1	2.28	55.0	1.89	63.0	3.43	127.0
SG-FL90-1212	29350-1212	20822065	3/4	3/4	1.50	38.1	2.28	58.0	2.36	65.0	4.23	112.5
SG-FL90L-1212	29352-1212	20873193	3/4	3/4	1.50	38.1	5.24	133.0	2.56	65.0	4.43	112.5
SG-FL90-100-1212	29350A-1212	20873157	3/4	3/4	1.50	38.1	3.94	100.0	2.36	59.8	4.23	107.3
SG-FL90-1216	29350-1216	20822064	3/4	1	1.75	44.5	2.76	59.0	2.60	64.0	2.60	128.0
SG-FL90L-1216	29352-1216	20822059	3/4	1	1.75	38.1	6.06	55.0	2.60	69.0	4.47	133.0
SG-FL90-1220	29352-1220	20959263	3/4	1 1/4	2.00	50.8	2.45	62.2	2.75	69.9	4.62	117.3

Continued on the next page.

FITTINGS



Section 2 SG Fittings

COMPATIBLE HOSE:

SR12 SR13 SR15 S4SP XCP3S XCP5S
ARC12 ARC13 ARC15 S4SH XCP4S XCP6S

For a detailed list, please refer to your Crimp Specifications Manual.

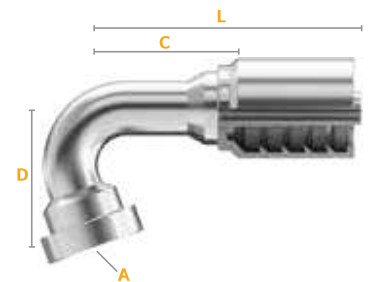
Code 61 Flange (90° Elbow) Continued

Part Number	Product Number	SAP Number	Hose ID	Flange Size	Flange Diameter (A)		Drop (D)		Cut-Off (C)		Length (L)	
					in.	mm	in.	mm	in.	mm	in.	mm
SG-FL90-1612	29350-1612	20822063	1	3/4	1.50	38.1	2.284	58.0	2.63	66.7	4.91	124.7
SG-FL90-1616	29350-1616	20822062	1	1	1.75	44.5	2.76	64.0	2.97	72.0	5.25	149.0
SG-FL90L-1616	29352-1616	20822058	1	1	1.75	44.5	6.06	64.0	3.97	78.0	6.25	142.0
SG-FL90-120-1616	29350A-1616	20873158	1	1	1.75	44.5	4.72	120.0	2.97	75.4	5.25	133.4
SG-FL90-150-1616		20923047	1	1	1.75	44.5	6.06	154.0	3.97	100.8	6.25	158.8
SG-FL90-1620	29350-1620	20822061	1	1 ¼	2.00	50.8	3.54	90.0	3.07	78.0	5.35	136.0
SG-FL90-1624	29350-1624	20822060	1	1 ½	2.38	44.5	2.95	64.0	3.74	78.0	6.02	142.0
SG-FL90-2016	29350-2016	20926502	1 ¼	1	1.75	44.5	2.76	70.1	3.35	85.1	6.48	164.7
SG-FL90-2020	29350-2020	20926503	1 ¼	1 ¼	2.00	50.8	3.50	88.9	3.62	92.0	6.76	171.6
SG-FL90-2020S	29350-2020S	20933833	1 ¼	1 ¼	2.00	50.8	3.50	88.9	3.62	92.0	6.76	171.6
SG-FL90-2024	29350-2024	20926504	1 ¼	1 ½	2.38	44.5	3.50	88.9	3.62	92.0	6.76	171.6
SG-FL90-2424	29350-2424	20757723	1 ½	1 ½	2.38	44.5	4.10	104.0	4.13	104.9	7.60	192.9
SG-FL90-2424S	29350-2424S	20933834	1 ½	1 ½	2.38	44.5	4.10	104.0	4.13	104.9	7.99	203.0
SG-FL90-2432	29350-2432	20873222	1 ½	2	2.81	71.4	4.10	104.0	4.13	104.9	7.99	203.0
SG-FL90-3232	29350-3232	20873192	2	2	2.81	71.4	5.43	138.0	5.71	145.0	9.25	235.0
SG-FL90-3232S	29350-3232S	20933835	2	2	2.81	71.4	5.43	138.0	5.71	145.0	9.25	235.0

S=Stainless Steel (See Fitting Identification in Appendix for more information.)

Code 61 Flange (SAE J518)

110° Elbow



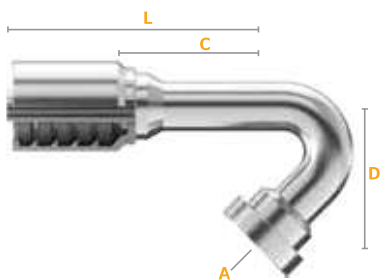
Part Number	Product Number	SAP Number	Hose ID	Flange Size	Flange Diameter (A)		Drop (D)		Cut-Off (C)		Length (L)	
					in.	mm	in.	mm	in.	mm	in.	mm
SG-FL110-1212	29354-1212	20822101	3/4	3/4	1.50	38.1	2.76	70.1	2.52	63.9	4.39	111.4
SG-FL110-1216	29354-1216	20822100	3/4	1	1.75	44.5	2.91	73.9	2.25	57.2	4.12	104.6
SG-FL110-1616	29354-1616	20822099	1	1	1.75	44.5	3.11	79.0	3.81	96.8	6.09	154.8
SG-FL110-2424	29354-2424	20873211	1 ¼	1 ½	2.38	60.6	4.33	110.0	3.74	95.0	7.21	183.0



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Section 2
SG Fittings

FITTINGS

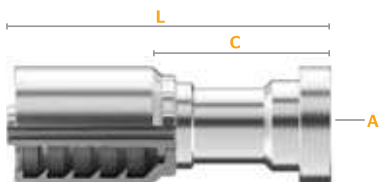


Code 61 Flange (SAE J518)

135° Elbow



Part Number	Product Number	SAP Number	Hose ID	Flange Size	Flange Diameter (A)		Drop (D)		Cut-Off (C)		Length (L)	
			in.		in.	mm	in.	mm	in.	mm	in.	mm
SG-FL135-1212	29355-1212	20822095	3/4	3/4	1.50	38.1	3.15	80.0	2.83	71.8	4.70	119.3



Code 62 Flange (SAE J518)



Part Number	Product Number	SAP Number	Hose ID	Flange Size	Flange Diameter (A)		Cut-Off (C)		Length (L)		
			in.		in.	mm	in.	mm	in.	mm	
SG-FH-0808	29300-0808	20822132	1/2	1/2	1.25	31.8	1.879	47.7	3.41	86.7	
SG-FH-0812	29300-0812	20822131	1/2	3/4	1.63	41.3	2.07	52.8	3.61	91.8	
SG-FH-1212	29300-1212	20822130	3/4	3/4	1.63	41.3	2.14	54.5	4.01	102.0	
SG-FH-1216	29300-1216	20822129	3/4	1	1.88	47.6	2.23	56.8	4.105	104.3	
SG-FH-1612	29300-1612	20822128	1	3/4	1.63	41.3	2.30	58.4	4.58	116.4	
SG-FH-1616	29300-1616	20822127	1	1	1.88	47.6	2.28	58.0	4.56	116.0	
SG-FH-1620	29300-1620	20822126	1	1 1/4	2.13	54.0	2.58	65.5	4.86	123.5	
SG-FH-2016	29300-2016	20926477	1 1/4	1	1.87	47.6	3.26	82.9	6.40	162.5	
SG-FH-2020	29300-2020	20926478	1 1/4	1 1/4	2.13	54.0	2.53	64.2	5.68	144.3	
SG-FH-2024	29300-2024	20926479	1 1/4	1 1/2	2.50	63.5	2.99	76.0	6.13	155.6	
SG-FH-2424	29300-2424	20757743	1 1/2	1 1/2	2.50	63.5	2.99	76.0	6.46	164.0	
SG-FH-2432	29320-2432	20757726	1 1/2	2	3.13	79.4		Contact ContiTech			
SG-FH-3232	29300-3232	20833307	1	2	3.13	79.4	5.19	131.9	8.73	221.9	

FITTINGS



ContiTech

Section 2 SG Fittings

COMPATIBLE HOSE:

SR12 SR13 SR15 S4SP XCP3S XCP5S
ARC12 ARC13 ARC15 S4SH XCP4S XCP6S

For a detailed list, please refer to your Crimp Specifications Manual.