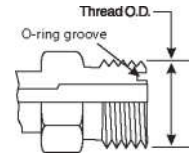
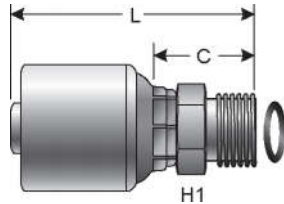


Male Flat-Face O-Ring

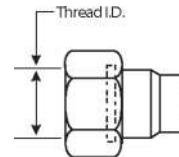
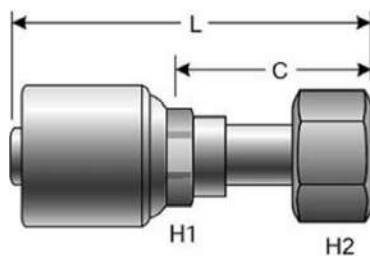
SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention.



Descr.	Prod. No.	⌀		🌀	H1	L		C		Weight (Lbs.)
		"	mm			"	mm	"	mm	
4G-4MFFOR	7104-16045	1/4	6.4	9/16-18	17	2.07	52.5	1.04	26.5	.15
4G-6MFFOR	7104-16055	1/4	6.4	11/16-16	19	2.13	54.0	1.10	28.0	.15
5G-6MFFOR	7104-16065	5/16	7.9	11/16-16	19	2.20	56.0	1.10	28.0	.21
6G-6MFFOR	7104-16075	3/8	9.5	11/16-16	19	2.20	56.0	1.11	28.1	.19
6G-8MFFOR	7104-16085	3/8	9.5	13/16-16	22	2.32	59.0	1.22	31.1	.25
6G-10MFFOR	7104-16095	3/8	9.5	1-14	27	2.52	64.0	1.42	36.1	.35
8G-8MFFOR	7104-16115	1/2	12.7	13/16-16	22	2.69	68.2	1.21	30.7	.30
8G-10MFFOR	7104-16125	1/2	12.7	1-14	27	2.87	73.0	1.40	35.5	.40
8G-12MFFOR	7104-16135	1/2	12.7	1 3/16-12	32	3.01	76.5	1.54	39.0	.57
10G-10MFFOR	7104-16155	5/8	15.9	1-14	27	2.87	73.0	1.40	35.5	.48
10G-12MFFOR	7104-16165	5/8	15.9	1 3/16-12	32	3.03	77.0	1.56	39.5	.55
12G-12MFFOR	7104-16185	3/4	19.1	1 3/16-12	32	3.54	90.0	1.54	39.0	.70
12G-16MFFOR	7104-16195	3/4	19.1	1 7/16-12	41	3.74	95.0	1.73	44.0	1.20
16G-16MFFOR	7104-16215	1	25.4	1 7/16-12	41	4.02	102.0	1.78	45.2	1.27
16G-20MFFOR	7104-16225	1	25.4	1 11/16-12	46	4.13	105.0	1.90	48.2	1.55
20G-20MFFOR	7104-16245	1 1/4	31.8	1 11/16-12	46	4.29	109.0	1.97	50.0	.16

Female Flat-Face O-Ring Swivel

SAE J1453 O-Ring Face Seal.

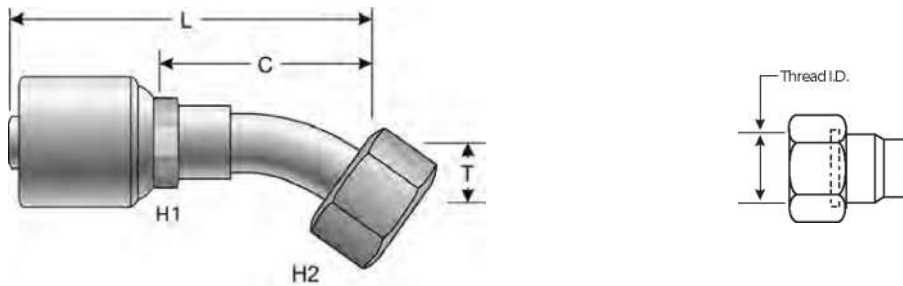


Descr.	Prod. No.	⌀		🌀	H1	H2	L		C		Weight (Lbs.)
		"	mm				"	mm	"	mm	
4G-4FFORX	7104-18045	1/4	6.4	9/16-18	15	17	2.07	52.7	1.05	26.7	.14
4G-6FFORX	7104-18055	1/4	6.4	11/16-16	15	22	2.01	51.1	.99	25.1	.20
4G-8FFORX	7104-18075	1/4	6.4	13/16-16	15	24	1.99	50.5	.96	24.5	.22
5G-6FFORX	7104-19505	5/16	7.9	11/16-16	17	22	2.42	61.5	1.32	33.5	.02
6G-4FFORX	7104-19085	3/8	9.5	9/16-18	17	17	3.08	78.3	1.98	50.3	.20
6G-6FFORX	7104-18095	3/8	9.5	11/16-16	18	22	2.27	57.7	1.14	28.9	.24
6G-8FFORX	7104-18105	3/8	9.5	13/16-16	18	24	2.26	57.4	1.13	28.6	.26
6G-10FFORX	7104-18115	3/8	9.5	1-14	18	30	2.15	54.7	1.02	25.9	.42
8G-6FFORX	7104-19145	1/2	12.7	11/16-16	22	22	3.78	95.9	2.30	58.4	.36
8G-8FFORX	7104-18155	1/2	12.7	13/16-16	22	24	2.62	66.5	1.23	31.3	.32
8G-10FFORX	7104-18165	1/2	12.7	1-14	22	30	2.76	70.0	1.37	34.8	.41

Female Flat-Face O-Ring Swivel - Continued

Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight (Lbs.)
		"	mm		mm	mm	"	mm	"	mm	
8G-12FFORX	7104-18175	1/2	12.7	1 3/16-12	22	36	2.81	71.5	1.43	36.3	.64
10G-8FFORX	7104-19195	5/8	15.9	13/16-16	24	24	3.83	97.2	2.35	59.7	.44
10G-10FFORX	7104-18205	5/8	15.9	1-14	24	30	2.99	76.0	1.52	38.5	.49
10G-12FFORX	7104-18215	5/8	15.9	1 3/16-12	24	36	3.03	77.0	1.56	39.5	.62
12G-10FFORX	7104-19245	3/4	19.1	1-14	30	30	3.74	95.1	1.74	44.1	.74
12G-12FFORX	7104-18255	3/4	19.1	1 3/16-12	30	36	3.65	92.8	1.65	41.8	.80
12G-16FFORX	7104-18265	3/4	19.1	1 7/16-12	30	41	3.48	88.3	1.47	37.3	.90
16G-12FFORX	7104-19295	1	25.4	1 3/16-12	36	36	5.58	141.8	3.35	85.0	1.25
16G-20FFORX	7104-18315	1	25.4	1 11/16-12	36	50	4.06	103.0	1.82	46.2	1.58
20G-20FFORX	7104-18355	1 1/4	31.8	1 5/8-12	41	50	4.29	109.0	1.97	50.0	1.93
20G-24FFORX	7104-18385	1 1/4	31.8	2-12	41	60	4.09	104.0	1.77	45.0	2.47

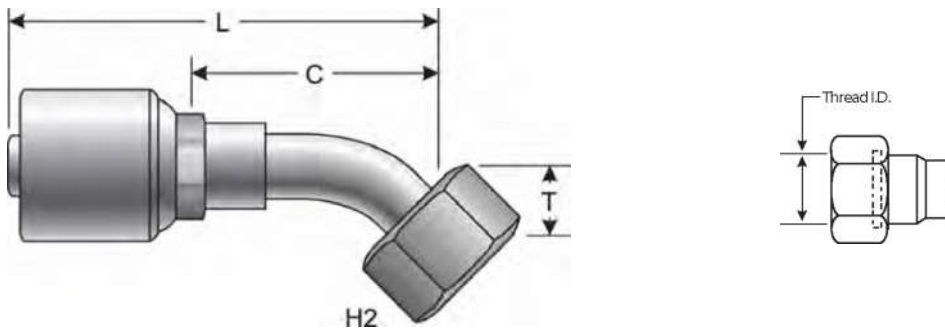
Female Flat-Face O-Ring Swivel - 30° Bent Tube



Descr.	Prod. No.				H2	T		L		C		Weight (Lbs.)
		"	mm	"	mm	"	mm	"	mm	"	mm	
8G-10FFORX30-010	7104-07025	1/2	12.7	1-14	30	.38	9.7	3.65	92.7	2.18	55.3	.46

Female Flat-Face O-Ring Swivel - 45° Bent Tube

SAE J1453 O-Ring Face Seal.

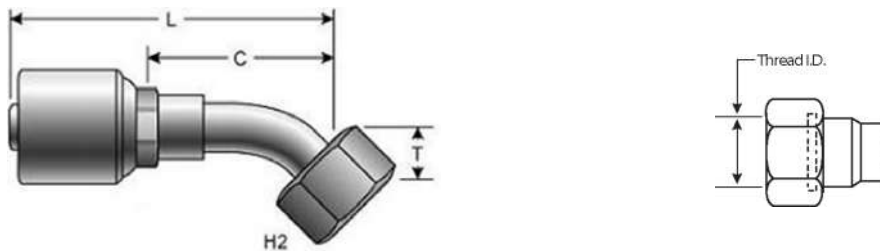


Descr.	Prod. No.					H2	T		L		C		Weight (Lbs.)
		"	mm	"	mm		"	mm	"	mm	"	mm	
4G-4FFORX45S	7104-22045	1/4	6.4	9/16-18	17	.39	10.0	2.57	65.2	1.54	39.2	.16	
4G-6FFORX45S	7104-22055	1/4	6.4	11/16-16	22	.43	11.0	2.70	68.5	1.67	42.5	.02	

Female Flat-Face O-Ring Swivel - 45° Bent Tube - Continued

Descr.	Prod. No.	⊖			H2	T		L		C		Weight (Lbs.)
		"	mm			"	mm	"	mm	"	mm	
5G-6FFORX45S	7104-22335	5/16	7.9	11/16-16	22	.43	11.0	2.73	69.4	1.63	41.4	.21
6G-4FFORX45S	7104-22075	3/8	9.5	9/16-18	17	.39	10.0	2.60	66.1	1.50	38.1	.17
6G-6FFORX45S	7104-22085	3/8	9.5	11/16-16	22	.43	11.0	2.75	69.8	1.65	41.9	.25
6G-8FFORX45S	7104-22095	3/8	9.5	13/16-16	24	.59	15.0	3.35	85.2	2.26	57.3	.30
8G-6FFORX45S	7104-22125	1/2	12.7	11/16-16	22	.43	11.0	3.57	90.7	2.09	53.2	.03
8G-8FFORX45S	7104-22135	1/2	12.7	13/16-16	24	.59	15.0	3.50	89.0	2.03	51.6	.03
8G-10FFORX45S	7104-22145	1/2	12.7	1-14	30	.63	16.0	3.98	101.0	2.50	63.5	.45
8G-12FFORX45S	7104-22155	1/2	12.7	1 3/16-12	36	.83	21.0	4.34	110.3	2.87	72.8	.65
10G-8FFORX45S	7104-22165	5/8	15.9	13/16-16	24	.59	15.0	3.81	96.8	2.33	59.3	.42
10G-10FFORX45S	7104-22175	5/8	15.9	1-14	30	.63	16.0	3.96	100.5	2.48	63.0	.55
10G-12FFORX45S	7104-22185	5/8	15.9	1 3/16-12	36	.83	21.0	4.17	105.9	2.69	68.4	.06
12G-10FFORX45S	7104-22215	3/4	19.1	1-14	30	.63	16.0	4.45	113.0	2.44	62.0	.68
12G-12FFORX45S	7104-22225	3/4	19.1	1 3/16-12	36	.83	21.0	4.66	118.4	2.65	67.4	.85
12G-16FFORX45S	7104-22235	3/4	19.1	1 7/16-12	41	.94	24.0	4.80	122.0	2.80	71.0	.75
16G-12FFORX45S	7104-22255	1	25.4	1 3/16-12	36	.83	21.0	5.33	135.5	2.98	75.7	.12
16G-16FFORX45S	7104-22265	1	25.4	1 7/16-12	41	.94	24.0	5.78	146.9	3.55	90.1	1.35
20G-20FFORX45S	7104-22295	1 1/4	31.8	1 11/16-12	50	.98	25.0	6.22	158.0	3.90	99.0	2.00

Female Flat-Face O-Ring Swivel - 67 1/2° Bent Tube



Descr.	Prod. No.	⊖			H2	T		L		C		Weight (Lbs.)
		"	mm			"	mm	"	mm	"	mm	
8G-8FFORX67-022	7104-07015	1/2	12.7	13/16-16	.94	.87	22.0	3.25	82.5	1.77	45.0	.40

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBAL SPIRAL
COUPLINGS

PCM / PCS
FERRULES

MEGACRIMP
COUPLINGS

STAINLESS
STEEL

POWER CRIMP
COUPLINGS

LOC, GL AND GLP
COUPLINGS

POLARSEAL
COUPLINGS

POLARSEAL II
COUPLINGS

C14 COUPLINGS

PCTS
THERMOPLASTIC
COUPLINGS

FIELD
ATTACHABLE G1
& G2 COUPLINGS

FIELD
ATTACHABLE C5
& C5E
COUPLINGS

SURELOK AIR
BRAKE
COUPLINGS

ADAPTERS

QUICK
DISCONNECT
COUPLERS

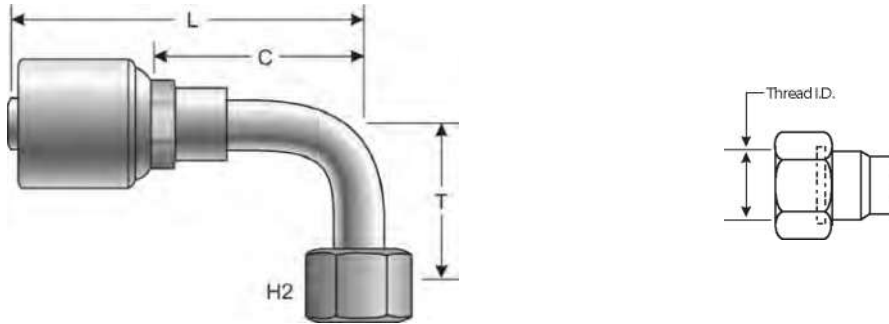
LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND
PARTS

Female Flat-Face O-Ring Swivel - 90° Bent Tube



Descr.	Prod. No.				H2	T		L		C		Weight (Lbs.)
		"	mm	"	mm	"	mm	"	mm	"	mm	
4G-4FFORX90L	7104-24065	1/4	6.4	9/16-18	17	1.81	46.0	2.21	56.2	1.19	30.2	.17
4G-4FFORX90M	7104-24055	1/4	6.4	9/16-18	17	1.26	32.0	2.21	56.2	1.19	30.2	.17
4G-4FFORX90S	7104-24045	1/4	6.4	9/16-18	17	.83	21.0	2.37	60.2	1.35	34.2	.15
4G-6FFORX90L	7104-24115	1/4	6.4	11/16-16	22	2.13	54.0	2.43	61.6	1.40	35.6	.20
4G-6FFORX90M	7104-24105	1/4	6.4	11/16-16	22	1.50	38.0	2.50	63.4	1.47	37.4	.19
4G-6FFORX90S	7104-24095	1/4	6.4	11/16-16	22	.91	23.0	2.50	63.4	1.47	37.4	.20
4G-8FFORX90L	7104-24165	1/4	6.4	13/16-16	24	2.52	64.0	2.64	67.1	1.62	41.1	.34
4G-8FFORX90S	7104-24145	1/4	6.4	13/16-16	24	1.14	29.0	2.83	72.0	1.81	46.0	.26
5G-6FFORX90S	7104-24955	5/16	7.9	11/16-16	22	.91	23.0	2.83	72.0	1.73	44.0	.23
6G-4FFORX90S	7104-24195	3/8	9.5	9/16-18	17	.83	21.0	2.42	61.4	1.32	33.6	.17
6G-6FFORX90L	7104-24265	3/8	9.5	11/16-16	22	2.13	54.0	2.73	69.3	1.63	41.4	.26
6G-6FFORX90M	7104-24255	3/8	9.5	11/16-16	22	1.50	38.0	2.50	63.6	1.41	35.7	.29
6G-6FFORX90S	7104-24245	3/8	9.5	11/16-16	22	.91	23.0	2.85	72.5	1.76	44.6	.24
6G-8FFORX90L	7104-24315	3/8	9.5	13/16-16	24	2.52	64.0	2.72	69.0	1.62	41.1	.32
6G-8FFORX90M	7104-24305	3/8	9.5	13/16-16	24	1.61	41.0	2.70	68.5	1.60	40.6	.30
6G-8FFORX90S	7104-24295	3/8	9.5	13/16-16	24	1.14	29.0	2.87	73.0	1.78	45.1	.30
8G-6FFORX90L	7104-24365	1/2	12.7	11/16-16	22	2.13	54.0	3.16	80.3	1.69	42.8	.35
8G-6FFORX90S	7104-24345	1/2	12.7	11/16-16	22	.91	23.0	3.29	83.5	1.81	46.0	.32
8G-8FFORX90L	7104-24415	1/2	12.7	13/16-16	24	2.52	64.0	3.30	83.9	1.83	46.5	.57
8G-8FFORX90M	7104-24405	1/2	12.7	13/16-16	24	1.61	41.0	3.30	83.9	1.83	46.5	.50
8G-8FFORX90S	7104-24395	1/2	12.7	13/16-16	24	1.14	29.0	3.30	83.9	1.83	46.5	.35
8G-10FFORX90L	7104-24465	1/2	12.7	1-14	30	2.76	70.0	3.57	90.6	2.09	53.1	.57
8G-10FFORX90M	7104-24455	1/2	12.7	1-14	30	1.85	47.0	3.67	93.2	2.19	55.7	.53
8G-10FFORX90S	7104-24445	1/2	12.7	1-14	30	1.26	32.0	3.66	92.9	2.18	55.4	.52
8G-12FFORX90S	7104-24475	1/2	12.7	1 3/16-12	36	1.89	48.0	4.05	102.9	2.57	65.4	.64
10G-8FFORX90L	7104-24515	5/8	15.9	13/16-16	24	2.52	64.0	3.64	92.4	2.16	54.9	.47
10G-8FFORX90S	7104-24495	5/8	15.9	13/16-16	24	1.14	29.0	3.64	92.4	2.16	54.9	.43
10G-10FFORX90L	7104-24565	5/8	15.9	1-14	30	2.76	70.0	3.55	90.2	2.07	52.7	.65
10G-10FFORX90M	7104-24555	5/8	15.9	1-14	30	1.85	47.0	3.65	92.8	2.18	55.3	.63
10G-10FFORX90S	7104-24545	5/8	15.9	1-14	30	1.26	32.0	3.64	92.5	2.17	55.0	.50
10G-12FFORX90S	7104-24595	5/8	15.9	1 3/16-12	36	1.89	48.0	3.79	96.3	2.31	58.8	.70
12G-10FFORX90S	7104-24635	3/4	19.1	1-14	30	1.26	32.0	4.09	104.0	2.09	53.0	.73
12G-12FFORX90L	7104-24665	3/4	19.1	1 3/16-12	36	3.78	96.0	4.65	118.2	2.65	67.2	1.00
12G-12FFORX90M	7104-24655	3/4	19.1	1 3/16-12	36	2.28	58.0	4.29	109.0	2.28	58.0	.90
12G-12FFORX90S	7104-24645	3/4	19.1	1 3/16-12	36	1.89	48.0	4.28	108.8	2.28	57.8	.85
12G-16FFORX90S	7104-24695	3/4	19.1	1 7/16-12	41	2.20	56.0	5.06	128.5	3.05	77.5	1.10
16G-12FFORX90S	7104-24735	1	25.4	1 3/16-12	36	1.89	48.0	5.09	129.4	2.86	72.6	1.23
16G-16FFORX90L	7104-24765	1	25.4	1 7/16-12	41	4.49	114.0	5.11	129.9	2.88	73.1	1.60
16G-16FFORX90M	7104-24755	1	25.4	1 7/16-12	41	2.80	71.0	5.11	129.9	2.88	73.1	1.46
16G-16FFORX90S	7104-24745	1	25.4	1 7/16-12	41	2.20	56.0	5.11	129.9	2.88	73.1	1.44
16G-20FFORX90M	7104-24915	1	25.4	1 11/16-12	50	3.07	78.0	6.14	156.0	3.91	99.2	1.87
16G-20FFORX90S	7104-24905	1	25.4	1 11/16-12	50	2.52	64.0	5.11	129.9	2.88	73.1	1.67
20G-20FFORX90L	7104-24815	1 1/4	31.8	1 11/16-12	50	5.08	129.0	5.51	140.0	3.19	81.0	2.26

Female Flat-Face O-Ring Swivel - 90° Bent Tube - Continued

Descr.	Prod. No.					T		L		C		Weight (Lbs.)
		"	mm	"	mm	"	mm	"	mm	"	mm	
20G-20FFORX90M	7104-24805	1 1/4	31.8	1 11/16-12	50	3.07	78.0	5.51	140.0	3.19	81.0	2.03
20G-20FFORX90S	7104-24795	1 1/4	31.8	1 11/16-12	50	2.52	64.0	5.91	150.0	3.58	91.0	2.02

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBAL SPIRAL
COUPLINGS

PCM / PCS
FERRULES

MEGACRIMP
COUPLINGS

STAINLESS
STEEL

POWER CRIMP
COUPLINGS

LOC, GL AND GLP
COUPLINGS

POLARSEAL
COUPLINGS

POLARSEAL II
COUPLINGS

C14 COUPLINGS

PCTS
THERMOPLASTIC
COUPLINGS

FIELD
ATTACHABLE G1
& G2 COUPLINGS

FIELD
ATTACHABLE C5
& C5E
COUPLINGS

SURELOK AIR
BRAKE
COUPLINGS

ADAPTERS

QUICK
DISCONNECT
COUPLERS

LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND
PARTS