

# EFG6K Spiral Wire Hose—SAE 100R15

Extremely High Pressure

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH™ C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORT-MENTS

PART NUMBER INDEXES

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

## For Biodegradable Hydraulic Fluids

**Recommended For:** Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12) and EN 856 4SH (-12, -16, and -20). **Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.** Available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant, synthetic rubber (Nitrile – Type C)\*.

**Reinforcement:** Four (six for -20) alternating layers of spiraled, high tensile steel.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Blue stripe with gold print layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions etc., see page C8.

**Couplings (see crimp manual for specifics):**  
GS Couplings, pages D6-42.



### SPECIFICATIONS

Description	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
6EFG6K	70866	4651-1396	3/8	0.80	6,000	24,000	5.0	100
8EFG6K	70865	4651-1371	1/2	0.95	6,000	24,000	7.0	100
10EFG6K	70815	4651-1368	5/8	1.09	6,000	24,000	8.0	100
12EFG6K	70839	4651-1288	3/4	1.24	6,000	24,000	9.5	100
16EFG6K	70836	4651-1289	1	1.53	6,000	24,000	12.0	100
20EFG6K	70837	4651-1290	1-1/4	1.97	6,000	24,000	16.5	50

### MEGATUFF® COVER SPECIFICATIONS

*MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.*

6EFG6K-MTF	70849	4651-1435	3/8	0.80	6,000	24,000	5.0	100
8EFG6K-MTF	70867	4651-1609	1/2	0.95	6,000	24,000	7.0	100
10EFG6K-MTF	70880	4651-1416	5/8	1.09	6,000	24,000	8.0	100
12EFG6K-MTF	70868	4651-1606	3/4	1.24	6,000	24,000	9.5	100
16EFG6K-MTF	70869	4651-1604	1	1.53	6,000	24,000	12.0	50
20EFG6K-MTF	70870	4651-1601	1-1/4	1.97	6,000	24,000	16.5	50

# Global G6K Spiral Wire Hose—SAE 100R15

Extremely High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended For:** Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. G6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SH (-24).

**Revolutionary design:** Makes designing and plumbing of extremely high-pressure hydraulic systems easy and efficient. 1-1/2" sizes available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant, synthetic rubber. (Neoprene – Type A)\*.

**Reinforcement:** Six alternating layers of spiraled, high tensile steel.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Dual gold stripe layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions etc., see page C8.

**Couplings (see crimp manual for specifics):**

Permanent PCM Couplings (-24), pages D43-52.



### SPECIFICATIONS

Description	Part No. (25' Length)	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
24G6K®	85566	70313	4651-0673	1-1/2	2.26	6,000	24,000	20.0	50

\*24G6K requires a special 24PCM-G6K ferrule.

Hose stock specifications on page C7.



(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**For Biodegradable Hydraulic Fluids**

**Recommended For:** Extremely high-pressure hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-8, -10 and -12) and EN 856 R13.

**Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.** Available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant synthetic rubber (Nitrile – Type C)\*.

**Reinforcement:** Four (six for -20) layers of alternated, spiraled, high tensile steel wire.

**Cover:** Black, oil resistant synthetic rubber (Neoprene – Type A)\*. Blue stripe with red print layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions etc., see page C8.

**Couplings (see crimp manual for specifics):**  
GS Couplings, pages D6-42.



SPECIFICATIONS								
Description	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
6EFG5K	70871	4651-1424	3/8	0.80	5,000	20,000	5.0	100
8EFG5K	70864	4651-1372	1/2	0.94	5,000	20,000	7.0	100
10EFG5K	70814	4651-1340	5/8	1.11	5,000	20,000	8.0	100
12EFG5K	70838	4651-1285	3/4	1.24	5,000	20,000	9.5	100
16EFG5K	70834	4651-1286	1	1.53	5,000	20,000	12.0	100
20EFG5K	70835	4651-1287	1-1/4	1.97	5,000	20,000	16.5	50

MEGATUFF® COVER SPECIFICATIONS								
<i>MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.</i>								
Description	Part No.	Product No.	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
6EFG5K-MTF	70872	4651-1436	3/8	0.80	5,000	20,000	5.0	100
8EFG5K-MTF	70873	4651-1608	1/2	0.94	5,000	20,000	7.0	100
10EFG5K-MTF	70879	4651-1410	5/8	1.11	5,000	20,000	8.0	100
12EFG5K-MTF	70874	4651-1605	3/4	1.24	5,000	20,000	9.5	100
16EFG5K-MTF	70875	4651-1603	1	1.53	5,000	20,000	12.0	100
20EFG5K-MTF	70876	4651-1600	1-1/4	1.97	5,000	20,000	16.5	50

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended For:** Extremely high-pressure hydraulic applications. G5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-24, and -32) and EN 856 R13. 1 1/2" to 2" sizes are available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant synthetic rubber (Neoprene – Type A)\*.

**Reinforcement:** Six layers of alternated, spiraled, high tensile steel wire.

**Cover:** Black, oil resistant synthetic rubber (Neoprene – Type A)\*. Dual red stripe layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions, etc., see page C8.

**Couplings (see crimp manual for specifics):**

Permanent PCM Couplings (-24 and -32), pages D43–52.



Skiving Required for PCM Couplings

SPECIFICATIONS									
Description	Part No. (25' Length)	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
24G5K	85563	70379	4651-0405	1-1/2	2.26	5,000	20,000	20.0	50
32G5K	85564	70380	4651-0406	2	2.80	5,000	20,000	25.0	50

MEGATUFF® COVER SPECIFICATIONS									
<i>MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.</i>									
Description	Part No.	Product No.	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)	
24G5K-MTF	85510	70479	1-1/2	2.26	5,000	20,000	20.0	50	
32G5K-MTF	85511	70480	2	2.80	5,000	20,000	25.0	50	

① 30' carton.

\* Hose stock specifications on page C7.



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THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

# EFG4K Spiral Wire Hose - SAE 100R12

Extremely High Pressure

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORT-MENTS

PART NUMBER INDEXES

## For Biodegradable Hydraulic Fluids

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended for:** Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16). **Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.** Available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant synthetic rubber (Nitrile – Type C)\*.

**Reinforcement:** Four alternating layers of spiraled, high tensile steel wire.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions etc., see C8.

**Couplings (see crimp manual for specifics):**  
GS Couplings, pages D6-42.



### SPECIFICATIONS

Description	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
6EFG4K	70811	4651-1338	3/8	0.80	4,000	16,000	2.5	100
8EFG4K	70863	4651-1339	1/2	0.94	4,000	16,000	3.5	100
10EFG4K	70813	4651-1367	5/8	1.09	4,000	16,000	4.0	100
12EFG4K	70831	4651-1282	3/4	1.21	4,000	16,000	4.8	100
16EFG4K	70832	4651-1283	1	1.50	4,000	16,000	6.0	100
20EFG4K	70833	4651-1284	1-1/4	1.85	4,000	16,000	8.3	50

### PREPACKAGED CUT LENGTHS SPECIFICATIONS

Description	Part No. (25' Length)	Part No. (50' Length)	Product No. (50' Length)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)
6EFG4K	85477	85491	4651-1430	3/8	0.80	4,000	16,000	2.5
8EFG4K	85478	85492	4651-1431	1/2	0.94	4,000	16,000	3.5
12EFG4K	85480	85494	4651-1432	5/8	1.09	4,000	16,000	4.0
16EFG4K	85481	85495	4651-1433	3/4	1.21	4,000	16,000	4.8
20EFG4K	85482	85438	4651-4013	1-1/4	1.85	4,000	16,000	8.3

### MEGATUFF® COVER SPECIFICATIONS

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Description	Part No.	Product No.	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
6EFG4K-MTF	70945	4651-1610	3/8	0.80	4,000	16,000	2.5	100
8EFG4K-MTF	70946	4651-1607	1/2	0.94	4,000	16,000	3.5	100
10EFG4K-MTF	70947	4651-1404	5/8	1.09	4,000	16,000	4.0	100
12EFG4K-MTF	70877	4651-1405	3/4	1.21	4,000	16,000	4.8	100
16EFG4K-MTF	70948	4651-1406	1	1.50	4,000	16,000	6.0	100
20EFG4K-MTF	70949	4651-1602	1-1/4	1.85	4,000	16,000	8.3	50

# EFG3K Spiral Wire Hose - SAE 100R12

Extremely High Pressure

## For Biodegradable Hydraulic Fluids

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended for:** Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP. **Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.** Available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant synthetic rubber (Nitrile – Type C)\*.

**Reinforcement:** Four alternating layers of spiraled, high tensile steel wire.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions, etc., see page C8.

**Couplings (see crimp manual for specifics):**  
GS Couplings, pages D6-42.



### SPECIFICATIONS

Description	Part No. (25' Length)	Part No. (50' Length)	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
20EFG3K	85489	85497	70539	4651-1381	1-1/4	1.85	3,000	12,000	8.3	100

### PREPACKAGED CUT LENGTHS SPECIFICATIONS

Description	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
20EFG3KX50FT	85497	4651-1434	1-1/4	1.85	3,000	12,000	8.3	100

### MEGATUFF® COVER SPECIFICATIONS

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

20EFG3K-MTF	85490	70950	4651-1425	1-1/4	1.85	3,000	12,000	8.3	50
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\* Hose stock specifications on page C7.





(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended for:** Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R11, SAE 100R12, EN 856 4SP and EN 856 R12. Available in 121' through 200' continuous lengths.

**Tube:** Black, oil resistant synthetic rubber (Neoprene – Type A)\*.

**Reinforcement:** Four alternating layers of spiraled, high tensile steel wire.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Dual white stripe layline. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions, etc., see page C8.

**Couplings (see crimp manual for specifics):**

GS Couplings, pages D6-42.

Permanent PCS Couplings (-24 and -32), pages D53-63.



SPECIFICATIONS

Description	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
24G3K	70587	4651-0536	1-1/2	2.11	3,000	12,000	20.0	50
32G3K	70588	4651-0537	2	2.63	3,000	12,000	25.0	50

MEGATUFF® COVER SPECIFICATIONS

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

24G3K-MTF	70585	4651-0569	1-1/2	2.11	3,000	12,000	20.0	50
32G3K-MTF	70586	4651-0570	2	2.63	3,000	12,000	25.0	50

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

**Recommended For:** Very high-pressure hydraulic applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP (-16). C12 hose provides excellent impulse life.

**Tube:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*.

**Reinforcement:** Four layers of alternated, spiraled high tensile steel wire.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene – Type A)\*. Available with unique abrasion-resistant MegaTuff® cover.

**Temperature Range:** -40°F to +250°F (-40°C to +121°C). For water emulsions, etc., see page C8.

**Couplings (see crimp manual for specifics):**

GS Couplings, pages D6-42.

Permanent PCS Couplings (-24 and -32), pages D53-63.



SPECIFICATIONS

Description	Part No. (25' Length)	Part No. (50' Length)	Part No. (Bulk Carton)	Product No. (Bulk Carton)	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)	Approx. Bulk Carton Length (Ft.)
24C12M	85573	85595	70365	4651-0606	1-1/2	2.11	2,500	10,000	20.0	50
32C12M	85574	85596	70366	4651-0607	2	2.63	2,500	10,000	25.0	50

MEGATUFF® COVER SPECIFICATIONS

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

24C12M-MTF	85517	—	70439	4651-0591	1-1/2	2.13	2,500	10,000	20.0	50
32C12M-MTF	85518	—	70440	4651-0593	2	2.65	2,500	10,000	25.0	50

\* Hose stock specifications on page C7.

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HOSE/CPLG. SELECTION

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PCS CPLGS.

HIGH & MED. PRESS. HOSE

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MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

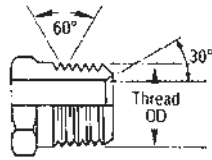
PART NUMBER INDEXES



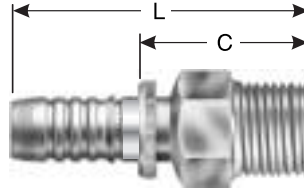


# GlobalSpiral™ Couplings – G20 Series

## Male Pipe (NPTF – 30° Cone Seat)



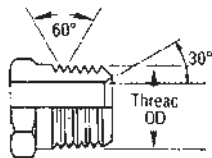
NPTF Solid Male (MP)



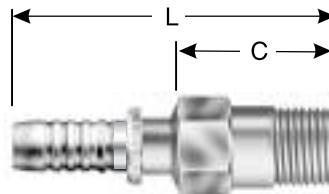
H1

Descr.	#		↔		🌀	H1	L		C	
			"	mm		"	"	mm	"	mm
6GS-6MP	G20100-0606	7347-20145	3/8	9.5	3/8-18	11/16	2.72	69.0	1.31	33.2
6GS-8MP	G20100-0608	7347-20155	3/8	9.5	1/2-14	7/8	2.87	73.0	1.46	37.1
8GS-8MP	G20100-0808	7347-20245	1/2	12.7	1/2-14	7/8	2.91	74.0	1.44	36.5
8GS-12MP	G20100-0812	7347-20265	1/2	12.7	3/4-14	1 1/16	3.03	77.0	1.56	39.5
10GS-8MP	G20100-1008	7347-20335	5/8	15.8	1/2-14	15/16	3.43	87.0	1.44	36.7
10GS-12MP	G20100-1012	7347-20355	5/8	15.8	3/4-14	1 1/8	3.58	91.0	1.60	40.7
12GS-8MP	G20100-1208	7347-20425	3/4	19.1	1/2-14	1 1/16	3.54	90.0	1.54	39.0
12GS-12MP	G20100-1212	7347-20445	3/4	19.1	3/4-14	1 1/16	3.54	90.0	1.54	39.0
12GS-16MP	G20100-1216	7347-20465	3/4	19.1	1-11 1/2	1 3/8	3.82	97.0	1.81	46.0
16GS-12MP	G20100-1612	7347-20535	1	25.4	3/4-14	1 3/8	3.98	101.0	1.74	44.2
16GS-16MP	G20100-1616	7347-20555	1	25.4	1-11 1/2	1 3/8	4.17	106.0	1.94	49.2
16GS-20MP	G20100-1620	7347-20565	1	25.4	1 1/4-11 1/2	1 3/4	4.29	109.0	2.06	52.2
20GS-20MP	G20100-2020	7347-20645	1 1/4	31.7	1 1/4-11 1/2	1 3/4	5.00	127.0	2.20	55.8

## Male Pipe (NPTF – 30° Cone Seat) – Long Hex



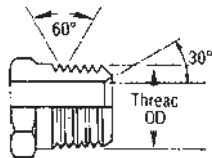
NPTF Solid Male (MP)



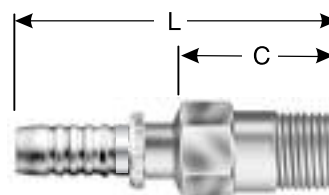
H1

Descr.	#		↔		🌀	H1	L		C	
			"	mm		"	"	mm	"	mm
16GS-16MPLH	G20103-1616	7347-76545	1	25.4	1 – 11 1/2	1 3/8	5.16	131	2.92	74.2

## Male Pipe (NPTF – 30° Cone Seat) – API Threads



NPTF Solid Male (MP)



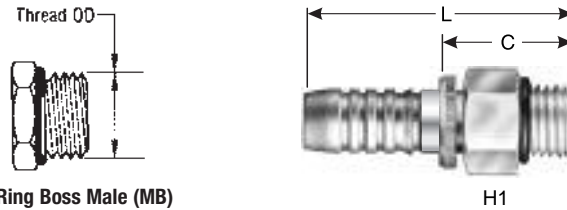
H1

Descr.	#		↔		🌀	H1	L		C	
			"	mm		"	"	mm	"	mm
20GS-20MPAPI	G20102-2020	7347-76955	1 1/4	31.7	1 1/4 – 11 1/2	1 3/4	5.51	140	2.7	68.9



## Male O-Ring Boss

SAE J1926/2 ISO 11926-2 Heavy Duty (S Series) Stud End.



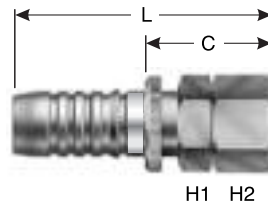
O-Ring Boss Male (MB)

H1

Descr.	#		⊕		🌀	H1			L		C	
			"	mm		"	"	mm	"	mm		
6GS-6MB	G20120-0606	7347-21145	3/8	9.5	9/16-18	11/16	2.56	65.0	1.15	29.2		
8GS-8MB	G20120-0808	7347-21245	1/2	12.7	3/4-16	7/8	2.76	70.0	1.28	32.6		
8GS-10MB	G20120-0810	7347-21255	1/2	12.7	7/8-14	1	2.83	72.0	1.36	34.5		
10GS-10MB	G20120-1010	7347-21345	5/8	15.8	7/8-14	1	3.46	88.0	1.48	37.7		
10GS-12MB	G20120-1012	7347-21355	5/8	15.8	1 1/16-12	1 1/4	3.46	88.0	1.48	37.7		
12GS-12MB	G20120-1212	7347-21445	3/4	19.1	1 1/16-12	1 1/4	3.66	93.0	1.65	42.0		
12GS-16MB	G20120-1216	7347-21465	3/4	19.1	1 5/16-12	1 1/2	3.54	90.0	1.54	39.0		
16GS-12MB	G20120-1612	7347-21535	1	25.4	1 1/16-12	1 3/8	3.98	101.0	1.74	44.2		
16GS-16MB	G20120-1616	7347-21555	1	25.4	1 5/16-12	1 1/2	3.86	98.0	1.62	41.2		
20GS-20MB	G20120-2020	7347-21645	1 1/4	31.7	1 5/8-12	1 7/8	4.53	115.0	1.73	43.9		

## Female MegaSeal® Swivel

Gates High Performance Replacement for Female JIC Fittings – Connects to Standard Male JIC Termination.

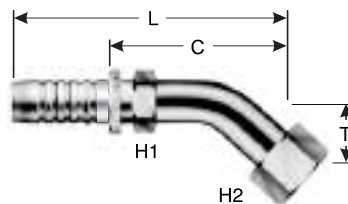


H1 H2

Descr.	#		⊕		🌀	H1		H2		L		C	
			"	mm		"	"	"	mm	"	mm		
12GS-12FMX	G20140-1212	7347-69445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	4.02	102.0	2.02	51.3		
12GS-16FMX	G20140-1216	7347-69465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	4.06	103.2	2.06	52.2		
16GS-16FMX	G20140-1616	7347-69555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.37	111.0	2.15	54.5		
20GS-20FMX	G20140-2020	7347-69645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.36	136.1	2.56	65.0		

## Female MegaSeal® Swivel – 45° Bent Tube

Gates High Performance Replacement for Female JIC Fittings – Connects to Standard Male JIC Termination.



H1 H2

Descr.	#		⊕		🌀	H1		H2		T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm		
12GS-12FMX45-032	G20145-1212	7347-73275	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.26	32.0	5.08	129.0	3.07	78.0		
16GS-16FMX45-038	G20145-1616	7347-70555	1	25.4	1 5/16-12	1 1/2	1 1/2	1.50	38.0	6.26	159.0	4.04	102.6		

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

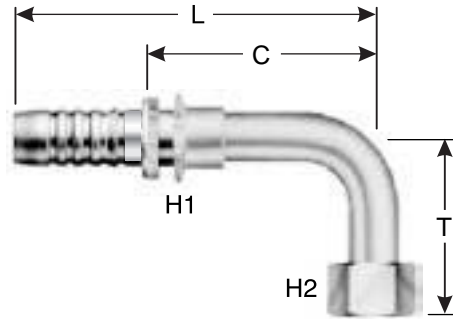
PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

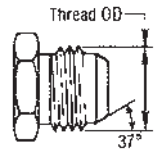
## Female MegaSeal® Swivel – 90° Bent Tube

Gates High Performance Replacement for Female JIC Fittings – Connects to Standard Male JIC Termination.

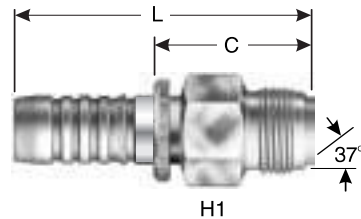


Descr.	#		⊕		🌀	H1	H2	T	L		C		
			"	mm		"	"	"	mm	"	mm	"	mm
12GS-12FMX90-048	G20149-1212	7347-71445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.89	48.0	4.72	120.0	2.72	69.0
12GS-12FMX90-058	G20150-1212	7347-71395	3/4	19.1	1 1/16-12	1 1/8	1 1/4	2.28	58.0	4.72	120.0	2.72	69.0
12GS-12FMX90-096	G20151-1212	7347-71405	3/4	19.1	1 1/16-12	1 1/8	1 1/4	3.78	96.0	4.72	120.0	2.72	69.0
12GS-16FMX90-056	G20150-1216	7347-71465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	2.20	56.0	5.39	137.0	3.39	86.0
16GS-16FMX90-056	G20149-1616	7347-71555	1	25.4	1 5/16-12	1 1/2	1 1/2	2.20	56.0	5.67	144.0	3.45	87.6
16GS-16FMX90-071	G20150-1616	7347-71505	1	25.4	1 5/16-12	1 1/2	1 1/2	2.80	71.0	5.67	144.0	3.45	87.6

## Male JIC 37° Flare



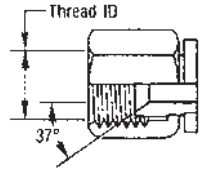
Male JIC 37° (MJ)



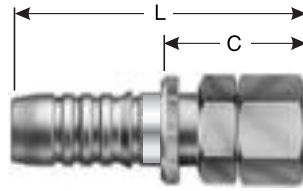
Descr.	#		⊕		🌀	H1	L		C	
			"	mm		"	"	mm	"	mm
6GS-6MJ	G20165-0606	7347-22145	3/8	9.5	9/16-18	11/16	2.60	66.0	1.19	30.2
6GS-8MJ	G20165-0608	7347-22155	3/8	9.5	3/4-16	13/16	2.76	70.0	1.35	34.2
6GS-10MJ	G20165-0610	7347-22165	3/8	9.5	7/8-14	15/16	3.03	77.0	1.62	41.2
8GS-8MJ	G20165-0808	7347-22245	1/2	12.7	3/4-16	13/16	2.83	72.0	1.36	34.5
8GS-10MJ	G20165-0810	7347-22255	1/2	12.7	7/8-14	7/8	2.95	75.0	1.48	37.5
10GS-10MJ	G20165-1010	7347-22345	5/8	15.8	7/8-14	15/16	3.62	92.0	1.64	41.7
10GS-12MJ	G20165-1012	7347-22355	5/8	15.8	1 1/16-12	1 1/16	3.70	94.0	1.72	43.7
12GS-12MJ	G20165-1212	7347-22445	3/4	19.1	1 1/16-12	1 1/8	3.66	93.0	1.65	42.0
12GS-14MJ	G20165-1214	7347-22455	3/4	19.1	1 3/16-12	1 1/4	3.70	94.0	1.69	43.0
12GS-16MJ	G20165-1216	7347-22465	3/4	19.1	1 5/16-12	1 5/16	3.78	96.0	1.77	45.0
16GS-16MJ	G20165-1616	7347-22555	1	25.4	1 5/16-12	1 3/8	4.09	104.0	1.86	47.2
16GS-20MJ	G20165-1620	7347-22585	1	25.4	1 5/8-12	1 5/8	4.27	108.5	2.04	51.7
20GS-20MJ	G20165-2020	7347-22645	1 1/4	31.7	1 5/8-12	1 3/4	4.92	125.0	2.12	53.9



## Female JIC 37° Flare Swivel



JIC 37° Flare Female (FJX)

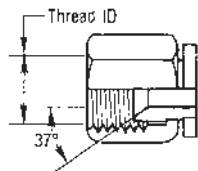


H1 H2

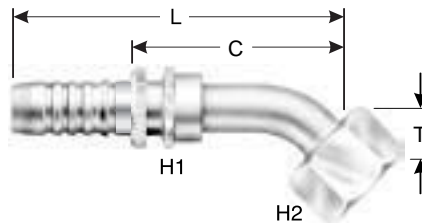
Descr.	#		⊖		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
6GS-6FJX	G20170-0606	7347-24145	3/8	9.5	9/16-18	3/4	3/4	2.72	69.0	1.31	33.2
6GS-8FJX	G20170-0608	7347-24155	3/8	9.5	3/4-16	3/4	7/8	2.80	71.0	1.39	35.2
8GS-8FJX	G20170-0808	7347-24245	1/2	12.7	3/4-16	7/8	7/8	2.83	72.0	1.36	34.5
8GS-10FJX	G20170-0810	7347-24255	1/2	12.7	7/8-14	7/8	1 1/16	2.99	75.9	1.51	38.4
8GS-12FJX	G20170-0812	7347-24265	1/2	12.7	1 1/16-12	7/8	1 1/4	3.03	77.0	1.56	39.5
10GS-10FJX	G20170-1010	7347-24345	5/8	15.8	7/8-14	1	1 1/16	3.68	93.5	1.70	43.2
10GS-12FJX	G20170-1012	7347-24355	5/8	15.8	1 1/16-12	1	1 1/4	3.74	95.0	1.76	44.7
12GS-10FJX	G20170-1210	7347-24435	3/4	19.1	7/8-14	1 1/16	1 1/8	3.87	98.4	1.87	47.4
12GS-12FJX	G20170-1212	7347-24445	3/4	19.1	1 1/16-12	1	1 1/4	3.87	98.2	1.85	47.0
12GS-14FJX	G20170-1214	7347-24455	3/4	19.1	1 3/16-12	1 1/8	1 3/8	4.06	103.2	2.06	52.2
12GS-16FJX	G20170-1216	7347-24465	3/4	19.1	1 5/16-12	1 1/4	1 1/2	4.02	102.0	2.01	51.0
16GS-12FJX	G20170-1612	7347-24535	1	25.4	1 1/16-12	1 3/8	1 3/8	4.23	107.5	2.00	50.7
16GS-14FJX	G20170-1614	7347-24545	1	25.4	1 3/16-12	1 3/8	1 1/2	4.25	107.9	2.01	51.1
16GS-16FJX	G20170-1616	7347-24555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.30	109.2	2.08	52.8
16GS-20FJX	G20170-1620	7347-24565	1	25.4	1 5/8-12	1 1/2	2	4.53	115.0	2.31	58.6
20GS-16FJX	G20170-2016	7347-24635	1 1/4	31.7	1 5/16-12	1 3/4	1 5/8	5.08	129.0	2.28	57.9
20GS-20FJX	G20170-2020	7347-24645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.29	134.4	2.56	64.9
20GS-24FJX	G20170-2024	7347-24655	1 1/4	31.7	1 7/8 - 12	1 7/8	2 3/8	5.39	137.0	2.59	65.9

## Female JIC 37° Flare Swivel – 30° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.



JIC 37° Flare Female (FJX)



Descr.	#		⊖		🌀	H1	H2	T	L		C		
			"	mm		"	"	"	mm	"	mm	"	mm
16GS-16FJX30M	G20172-1616	7347-73055	1	25.4	1 5/16-12	1 7/8	1 1/2	1.06	27.0	6.02	153.0	3.80	96.6

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

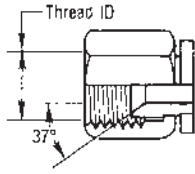
PART NUMBER INDEXES



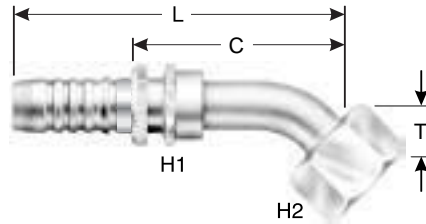


## Female JIC 37° Flare Swivel – 45° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.

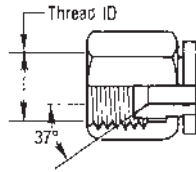


JIC 37° Flare Female (FJX)

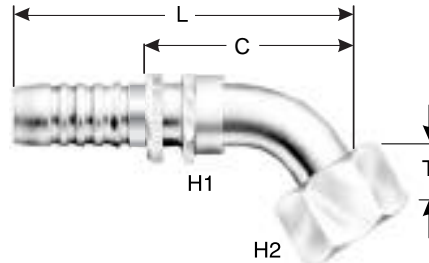


Descr.	#		⌀		🌀	H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
6GS-6FJX45S	G20174-0606	7347-25145	3/8	9.5	9/16-18	3/4	3/4	0.43	11.0	3.23	82.0	1.82	46.2
6GS-8FJX45S	G20174-0608	7347-25155	3/8	9.5	3/4-16	3/4	7/8	0.59	15.0	3.66	93.0	2.25	57.2
8GS-8FJX45S	G20174-0808	7347-25245	1/2	12.7	3/4-16	7/8	7/8	0.59	15.0	3.70	94.0	2.22	56.5
8GS-10FJX45S	G20174-0810	7347-25255	1/2	12.7	7/8-14	7/8	1 1/16	0.63	16.0	3.58	91.0	2.11	53.5
10GS-10FJX45S	G20174-1010	7347-25345	5/8	15.8	7/8-14	1	1 1/16	0.63	16.0	4.37	111.0	2.39	60.7
10GS-12FJX45S	G20174-1012	7347-25355	5/8	15.8	1 1/16-12	1	1 1/4	0.83	21.0	4.80	122.0	2.82	71.7
12GS-12FJX45S	G20174-1212	7347-25445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	0.83	21.0	5.12	130.0	3.11	79.0
12GS-16FJX45S	G20174-1216	7347-25465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	0.94	24.0	5.39	137.0	3.39	86.0
16GS-16FJX45S	G20174-1616	7347-25555	1	25.4	1 5/16-12	1 1/2	1 1/2	0.94	24.0	5.98	152.0	3.77	95.7
16GS-16FJX45M	G20175-1616	7347-26555	1	25.4	1 5/16-12	1 1/2	1 1/2	1.50	38.0	6.30	160.0	4.08	103.6
16GS-20FJX45S	G20174-1620	7347-25565	1	25.4	1 5/8-12	1 1/2	2	0.98	25.0	6.46	164.0	4.24	107.6
20GS-20FJX45-038	G20175-2020	7347-76175	1 1/4	31.7	1 5/8-12	1 7/8	2	1.50	38.0	7.09	180.0	4.29	108.9

## Female JIC 37° Flare Swivel – 60° Bent Tube



JIC 37° Flare Female (FJX)



Descr.	#		⌀		🌀	H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
12GS-12FJX60-043	G20177-1212	7347-76795	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.69	43.0	5.59	142.0	3.58	91.0

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

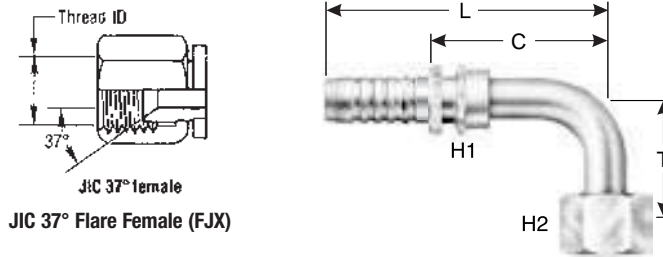
QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Female JIC 37° Flare Swivel – 90° Bent Tube

S, M, and L Drops per ISO Final Draft International Standard 12151-S.



JIC 37° Flare Female (FJX)

Descr.	#		⊕		🌀	H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
6GS-6FJX90S	G20179-0606	7347-27145	3/8	9.5	9/16-18	3/4	3/4	0.91	23.0	3.11	79.0	1.70	43.2
6GS-6FJX90S	G20179-0606	7347-27145	3/8	9.5	9/16-18	3/4	3/4	0.91	23.0	3.11	79.0	1.70	43.2
6GS-6FJX90L	G20181-0606	7347-29145	3/8	9.5	9/16-18	3/4	3/4	2.13	54.0	3.39	86.0	1.98	50.2
6GS-8FJX90M	G20180-0608	7347-28155	3/8	9.5	3/4-16	3/4	7/8	1.61	41.0	3.58	91.0	2.17	55.2
6GS-8FJX90-083	G20181-0608	7347-76785	3/8	9.5	3/4-16	3/4	7/8	3.27	83.0	3.58	91.0	2.17	55.2
8GS-8FJX90S	G20179-0808	7347-27245	1/2	12.7	3/4-16	7/8	7/8	1.14	29.0	3.39	86.0	1.91	48.6
8GS-8FJX90M	G20180-0808	7347-28245	1/2	12.7	3/4-16	7/8	7/8	1.61	41.0	3.62	92.0	2.15	54.6
8GS-8FJX90L	G20181-0808	7347-29245	1/2	12.7	3/4-16	7/8	7/8	2.52	64.0	3.62	92.0	2.15	54.6
8GS-8FJX90XL	G20182-0808	7347-73065	1/2	12.7	3/4-16	7/8	7/8	4.06	103.0	3.62	92.0	2.15	54.6
8GS-10FJX90S	G20179-0810	7347-27255	1/2	12.7	7/8-14	7/8	1 1/16	1.26	32.0	3.62	92.0	2.15	54.5
8GS-10FJX90M	G20180-0810	7347-28165	1/2	12.7	7/8-14	7/8	1 1/16	1.85	47.0	3.50	89.0	2.01	51.0
8GS-10FJX90L	G20181-0810	7347-29255	1/2	12.7	7/8-14	7/8	1 1/16	3.27	83.0	3.74	95.0	2.03	51.5
8GS-12FJX90S	G20179-0812	7347-27265	1/2	12.7	1 1/16-12	7/8	1 1/4	1.89	48.0	4.37	111.0	2.89	73.5
10GS-10FJX90S	G20179-1010	7347-27345	5/8	15.8	7/8-14	1	1 1/16	1.26	32.0	4.21	107.0	2.24	56.8
10GS-10FJX90M	G20180-1010	7347-28345	3/4	19.1	7/8-14	1	1 1/16	1.85	47.0	4.21	107.0	2.23	56.7
10GS-12FJX90M	G20180-1012	7347-28355	5/8	15.8	1 1/16-12	1	1 1/4	2.28	58.0	4.76	121.0	2.78	70.7
12GS-12FJX90S	G20179-1212	7347-27445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.89	48.0	4.45	113.0	2.44	62.0
12GS-12FJX90M	G20180-1212	7347-28445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	2.28	58.0	4.45	113.0	2.44	62.0
12GS-12FJX90L	G20181-1212	7347-29445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	3.78	96.0	4.45	113.0	2.44	62.0
12GS-14FJX90-060	G20180-1214	7347-28455	3/4	19.1	1 3/16-12	1 1/8	1 3/8	2.36	60.0	5.55	141.0	3.54	90.0
12GS-16FJX90S	G20179-1216	7347-27465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	2.20	56.0	5.31	135.0	3.31	84.0
12GS-16FJX90M	G20180-1216	7347-28465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	2.80	71.0	5.31	135.0	3.31	84.0
16GS-16FJX90S	G20179-1616	7347-27555	1	25.4	1 5/16-12	1 7/8	1 1/2	2.20	56.0	5.67	144.0	3.45	87.6
16GS-16FJX90M	G20180-1616	7347-28555	1	25.4	1 5/16-12	1 1/2	1 1/2	2.80	71.0	5.67	144.0	3.45	87.6
16GS-16FJX90L	G20181-1616	7347-29555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.49	114.0	5.67	144.0	3.45	7.6
16GS-20FJX90L	G20181-1620	7347-29565	1	25.4	1 5/8-12	1 1/2	2	5.08	129.0	6.06	154.0	3.84	97.6
20GS-20FJX90S	G20179-2020	7347-27645	1 1/4	31.7	1 5/8-12	1 7/8	2	2.52	64.0	6.85	174.0	4.05	102.9
20GS-20FJX90M	G20180-2020	7347-28645	1 1/4	31.7	1 5/8-12	1 7/8	2	3.07	78.0	6.85	174.0	4.05	102.9
20GS-20FJX90L	G20181-2020	7347-29645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.08	129.0	6.85	174.0	4.05	102.9

- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH™ C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

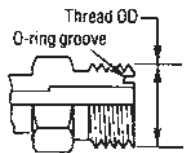
QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

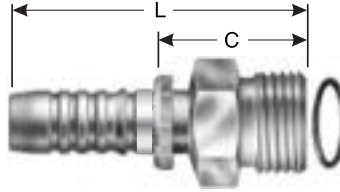
PART NUMBER INDEXES

## Male Flat-Face O-Ring

Utilizes SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention.  
Metric Hex per ISO Draft International Standard 12151-1.  
Includes Peroxide-cured O-Ring.



Male Flat-Face O-Ring (MFFOR)

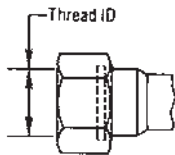


H1

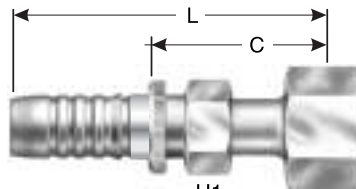
Descr.	#		↻		🌀	H1	L		C	
			"	mm		mm	"	mm	"	mm
6GS-6MFFOR	G20225-0606	7347-23865	3/8	9.5	11/16-16	19	2.52	64	1.11	28.2
8GS-8MFFOR	G20225-0808	7347-23825	1/2	12.7	13/16-16	22	2.68	68	1.2	30.5
10GS-10MFFOR	G20225-1010	7347-23875	5/8	15.8	1-14	27	3.42	87	1.44	36.7
10GS-12MFFOR	G20225-1012	7347-23885	5/8	15.8	1 3/16-12	32	3.5	89	1.52	38.7
12GS-12MFFOR	G20225-1212	7347-23835	3/4	19.1	1 3/16-12	32	3.5	89	1.5	38
12GS-16MFFOR	G20225-1216	7347-23845	3/4	19.1	1 7/16-12	41	3.74	95	1.73	44
16GS-16MFFOR	G20225-1616	7347-23815	1	25.4	1 7/16-12	35	4.02	102	1.78	45.2
20GS-20MFFOR	G20225-2020	7347-23855	1 1/4	31.7	1 11/16-12	13	4.72	120	1.93	48.9

## Female Flat-Face O-Ring Swivel

SAE J1453 O-Ring Face Seal.  
Metric Hex per ISO Draft International Standard 12151-1.



O-Ring Face Seal Swivel Female (FFORX)



H1

H2

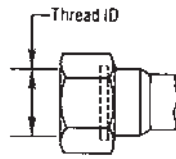
Descr.	#		↻		🌀	H1	H2	L		C	
			"	mm		mm	mm	"	mm	mm	mm
6GS-6FFORX	G20230-0606	7347-30145	3/8	9.5	11/16-16	22	22	2.72	69	1.31	33.2
6GS-8FFORX	G20230-0608	7347-30155	3/8	9.5	13/16-16	22	24	2.83	72	1.43	36.2
8GS-8FFORX	G20230-0808	7347-30245	1/2	12.7	13/16-16	27	24	2.87	73	1.4	35.5
8GS-10FFORX	G20230-0810	7347-30255	1/2	12.7	1-14	27	30	3.07	78	1.59	40.5
8GS-12FFORX	G20230-0812	7347-30265	1/2	12.7	1 3/16-12	27	36	3.11	79	1.63	41.5
10GS-10FFORX	G20230-1010	7347-30345	5/8	15.8	1-14	30	30	3.7	94	1.72	43.7
10GS-12FFORX	G20230-1012	7347-30355	5/8	15.8	1 3/16-12	30	36	3.74	95	1.76	44.7
12GS-10FFORX	G20230-1210	7347-30435	3/4	19.1	1-14	32	30	3.82	97	1.81	46
12GS-12FFORX	G20230-1212	7347-30445	3/4	19.1	1 3/16-12	32	36	3.9	99	1.89	48
12GS-16FFORX	G20230-1216	7347-30465	3/4	19.1	1 7/16-12	32	24	4.06	103	2.05	52
12GS-20FFORX	G20230-1220	7347-30475	1/4	6.4	1 11/16-12	32	50	3.91	99.3	1.9	48.3
16GS-16FFORX	G20230-1616	7347-30555	1	25.4	1 7/16-12	41	24	4.36	110.8	2.14	54.4
16GS-20FFORX	G20230-1620	7347-30565	1	25.4	1 11/16-12	41	50	4.36	110.7	2.14	54.3
20GS-20FFORX	G20230-2020	7347-30645	1 1/4	31.7	1 11/16-12	50	50	5.04	128	2.24	56.9



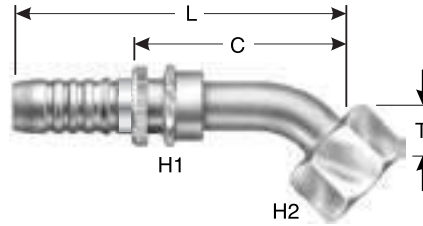
## Female Flat-Face O-Ring Swivel – 45° Bent Tube

SAE J1453 O-Ring Face Seal.

Metric Hex per ISO Draft International Standard 12151-1.



O-Ring Face Seal Swivel Female (FFORX)



Descr.	#		⊕		🌀	H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
6GS-6FFORX45S	G20234-0606	7347-31145	3/8	9.5	11/16-16	22	22	0.43	11	3.23	82	1.82	46.2
6GS-8FFORX45S	G20234-0608	7347-31155	3/8	9.5	13/16-16	22	24	0.59	15	3.66	93	2.25	57.2
8GS-8FFORX45S	G20234-0808	7347-31245	1/2	12.7	13/16-16	27	24	0.59	15	3.7	94	2.22	56.5
8GS-10FFORX45S	G20234-0810	7347-31255	1/2	12.7	1-14	27	30	0.63	16	3.9	99	2.42	61.5
8GS-12FFORXMM45S-021	G20234-0812	7347-31265	1/2	12.7	1 3/16-12	27	36	0.82	21	4.53	115	3.05	77.5
10GS-10FFORX45S	G20234-1010	7347-31345	5/8	15.8	1-14	30	30	0.63	16	4.37	111	2.39	60.7
12GS-12FFORX45S	G20234-1212	7347-31445	3/4	19.1	1 3/16-12	32	36	0.83	21	4.92	125	2.91	74
12GS-16FFORX45S	G20234-1216	7347-31465	3/4	19.1	1 7/16-12	32	24	0.94	24	5.39	137	3.39	86
16GS-16FFORX45S	G20234-1616	7347-31555	1	25.4	1 7/16-12	41	24	0.94	24	5.67	144	3.46	87.8
16GS-20FFORX45S	G20234-1620	7347-31565	1	25.4	1 11/16-12	41	50	0.98	25	6.46	164	4.24	107.6
20GS-20FFORX45-032	G20234-2020	7347-76045	1 1/4	31.7	1 11/16-12	50	50	1.26	32	7.09	180	4.29	108.9

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

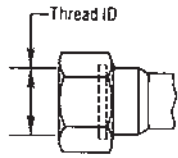
PART NUMBER INDEXES



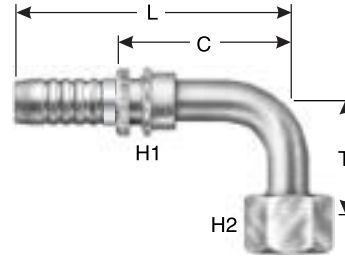
## Female Flat-Face O-Ring Swivel – 90° Bent Tube

SAE J1453 O-Ring Face Seal.

Metric Hex per ISO Draft International Standard 12151-1.



O-Ring Face Seal Swivel Female (FFORX)



DESCR.	#		⊖		🌀	H1	H2	T		L		C		
			"	mm		mm	mm	"	mm	"	mm	"	mm	
MEGACRIMP® CPLGS.	6GS-6FFORX90S	G20239-0606	7347-32145	3/8	9.5	11/16-16	22	22	0.91	23.0	3.07	78.0	1.66	42.2
	6GS-6FFORX90L	G20241-0606	7347-34145	3/8	9.5	11/16-16	22	22	2.13	54.0	3.35	85.0	1.94	49.2
PC CPLGS.	6GS-8FFORX90M	G20240-0608	7347-33155	3/8	9.5	13/16-16	22	24	1.61	41.0	3.35	85.0	1.94	49.2
	8GS-8FFORX90S	G20239-0808	7347-32245	1/2	12.7	13/16-16	27	24	1.14	29.0	3.39	86.0	1.91	48.5
FIELD ATTACHABLE CPLGS.	8GS-8FFORX90M	G20240-0808	7347-33245	1/2	12.7	13/16-16	27	24	1.61	41	3.39	86	1.91	48.5
	8GS-8FFORX90L	G20241-0808	7347-73845	1/2	12.7	13/16-16	27	24	3.27	83.0	3.39	86.0	1.91	48.5
	8GS-10FFORX90M	G20240-0810	7347-33255	1/2	12.7	1-14	27	30	1.85	47.0	3.98	101.0	2.50	63.5
AIR BRAKE HOSE & CPLGS.	8GS-10FFORX90L	G20241-0810	7347-34255	1/2	12.7	1-14	27	30	2.76	70	3.98	101	2.5	63.5
	8GS-12FFORX90S	G20239-0812	7347-32265	1/2	12.7	1 3/16-12	27	36	1.89	48.0	4.21	107.0	2.74	69.5
	10GS-10FFORX90M	G20240-1010	7347-33345	5/8	15.8	1-14	30	30	1.85	47.0	4.21	107.0	2.20	55.9
	10GS-10FFORX90S	G20239-1010	7347-32345	5/8	12.7	1-14	30	30	1.26	32	4.2	106.6	2.22	56.3
	10GS-10FFORX90L	G20241-1010	7347-34345	5/8	15.8	1-14	30	30	2.76	70.0	4.45	113.0	2.47	62.7
	12GS-10FFORX90S	G20239-1210	7347-32435	3/4	19.1	1-14	30	30	1.26	32.0	4.37	111.0	2.36	60.0
	12GS-12FFORX90S	G20239-1212	7347-32445	3/4	19.1	1 3/16-12	32	36	1.89	48.0	5.04	128.0	3.03	77.0
	12GS-12FFORX90M	G20240-1212	7347-33445	3/4	19.1	1 3/16-12	32	36	2.28	58.0	5.04	128.0	3.03	77.0
	12GS-12FFORX90L	G20241-1212	7347-34445	3/4	19.1	1 3/16-12	32	36	3.78	96.0	5.04	128.0	3.03	77.0
	12GS-16FFORX90S	G20239-1216	7347-32465	3/4	19.1	1 7/16-12	32	41	2.20	56.0	5.39	137.0	3.39	86.0
	12GS-16FFORX90M	G20240-1216	7347-33465	3/4	19.1	1 7/16-12	32	41	2.8	71	5.39	137	3.39	86
	12GS-16FFORX90L	G20241-1216	7347-34465	3/4	19.1	1 7/16-12	32	41	4.49	114.0	5.39	137.0	3.39	86.0
POLARSEAL® HOSE & CPLGS.	16GS-16FFORX90S	G20239-1616	7347-32555	1	25.4	1 7/16-12	41	41	2.20	56.0	5.67	144.0	3.45	87.6
	16GS-16FFORX90M	G20240-1616	7347-33555	1	25.4	1 7/16-12	41	41	2.80	71.0	5.67	144.0	3.45	87.6
	16GS-16FFORX90L	G20241-1616	7347-34555	1	25.4	1 7/16-12	41	41	4.49	114.0	5.67	144.0	3.45	87.6
PWR. STG. HOSE & CPLGS.	16GS-20FFORX90S	G20239-1620	7347-32565	1	25.4	1 11/16-12	41	50	2.52	64.0	6.06	154.0	3.84	97.6
	16GS-20FFORX90M	G20240-1620	7347-33565	1	25.4	1 11/16-12	41	50	3.07	78.0	6.05	153.6	3.83	97.2
	20GS-20FFORX90S	G20239-2020	7347-32645	1 1/4	31.7	1 11/16-12	50	50	2.52	64.0	6.77	172.0	3.97	100.9
	20GS-20FFORX90M	G20240-2020	7347-33645	1 1/4	31.7	1 11/16-12	50	50	3.07	78.0	6.77	172.0	3.97	100.9
	20GS-20FFORX90L	G20241-2020	7347-34645	1 1/4	31.7	1 11/16-12	50	50	5.08	129.0	6.77	172.0	3.97	100.9
	20GS-24FFORX90-064	G20239-2024	7347-76985	1 1/4	31.7	2-12	50	60	2.52	64	6.77	172	3.97	100.9

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

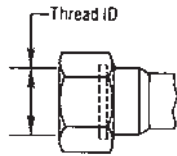




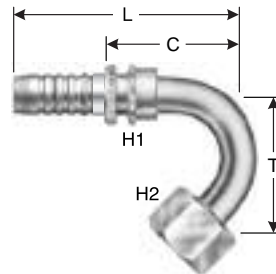
## Female Flat-Face O-Ring Swivel – 135° Bent Tube

SAE J1453 O-Ring Face Seal.

Metric Hex per ISO Draft International Standard 12151-1.



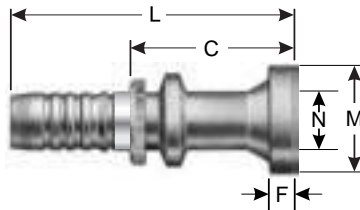
O-Ring Face Seal Swivel Female (FFORX)



Descr.	#		⌀		🌀	H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
12GS-16FFORX135	G20248-1216	7347-73795	3/4	19.1	1 7/16-12	27	24	3.28	83	3.39	86	1.48	37.5

## Code 61 O-Ring Flange

See Accessories for O-Rings.



Descr.	#		⌀		N	M	L		C		F		
			"	mm			"	mm	"	mm	"	mm	
6GS-8FL	G20300-0608	7347-41155	3/8	9.5	1/2	1.19	30.2	3.54	90.0	2.13	54.2	0.27	6.7
8GS-8FL	G20300-0808	7347-41245	1/2	12.7	1/2	1.19	30.2	3.66	93.0	2.19	55.5	0.27	6.7
8GS-10FLK†	G20300-0810	7347-55255	1/2	12.7	5/8	1.35	34.2	3.21	81.5	1.74	44.1	0.27	6.7
8GS-12FL	G20300-0812	7347-41265	1/2	12.7	3/4	1.50	38.1	3.86	98.0	2.38	60.5	0.27	6.7
8GS-16FL	G20300-0816	7347-41285	1/2	12.7	1	1.75	44.5	2.84	72.2	1.37	34.7	0.32	8.0
10GS-10FLK†	G20300-1010	7347-73335	5/8	15.8	5/8	1.35	34.2	4.49	114.0	2.51	63.7	0.27	6.7
10GS-12FL	G20300-1012	7347-41355	5/8	15.8	3/4	1.50	38.1	4.29	109.0	2.31	58.7	0.27	6.7
12GS-8FL	G20300-1208	7347-41425	3/4	19.1	3/4	1.19	30.2	4.41	112.0	2.40	61.0	0.27	6.7
12GS-10FLK†	G20300-1210	7347-73375	3/4	19.1	5/8	1.35	34.2	4.33	110.0	2.32	59.0	0.27	6.7
12GS-12FL	G20300-1212	7347-41445	3/4	19.1	3/4	1.50	38.1	4.37	111.0	2.36	60.0	0.27	6.7
12GS-16FL*	G20300-1216	7347-41465	3/4	19.1	1	1.75	44.5	4.37	111.0	2.36	60.0	0.32	8.0
12GS-20FL*	G20300-1220	7347-41475	3/4	19.1	1 1/4	2.00	50.8	4.37	111.0	2.36	60.0	0.32	8.0
16GS-16FL*	G20300-1616	7347-41555	1	25.4	1	1.75	44.5	4.92	125.0	2.70	68.6	0.32	8.0
16GS-20FL*	G20300-1620	7347-41565	1	25.4	1 1/4	2.00	50.8	4.92	125.0	2.69	68.2	0.32	8.0
16GS-24FL*	G20300-1624	7347-41575	1	25.4	1 1/2	2.38	60.5	4.92	125.0	1.90	48.2	0.32	8.0
20GS-16FL*	G20300-2016	7347-41635	1 1/4	31.7	1	1.75	44.5	5.35	136.0	2.55	64.9	0.32	8.0
20GS-20FL*	G20300-2020	7347-41645	1 1/4	31.7	1 1/4	2.00	50.8	5.75	146.0	2.95	74.9	0.32	8.0
20GS-24FL*	G20300-2024	7347-41655	1 1/4	31.7	1 1/2	2.38	60.5	6.30	160.0	3.50	88.9	0.32	8.0
20GS-32FL*	G20300-2032	7347-41665	1 1/4	31.7	2	2.81	71.4	5.71	145.0	2.91	73.9	0.38	9.5

†Komatsu-style flange.

\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

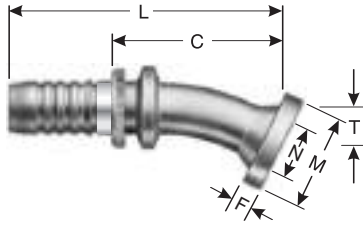


# GlobalSpiral™ Couplings – G20 Series

## Code 61 O-Ring Flange Long Neck

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M	T	L		C			
			"	mm	"	"	mm	"	mm	"	mm	"	mm
12GS-12FLL	G20301-1212	7347-41455	3/4	19.1	3/4	1.5	38.1	0.43	11.0	5.2	132.0	3.19	81.0
16GS-16FLL	G20301-1616	7347-41545	1	25.4	1	1.75	44.5	0.55	14.0	5.63	143.0	3.41	86.6
20GS-20FLL	G20301-2020	7347-41675	1 1/4	31.7	1 1/4	2	50.8	0.59	15.0	6.26	159.0	3.46	87.9

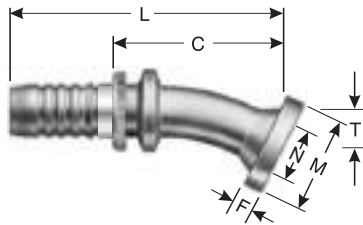
\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.

## Code 61 O-Ring Flange – 22½° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M	T	L		C		F			
			"	mm	"	"	mm	"	mm	"	mm	"	mm		
8GS-8FL22M	G20302-0808	7347-42245	1/2	12.7	1/2	1.19	30.2	0.35	9.0	3.78	96.0	2.30	58.5	0.27	6.7
12GS-12FL22M	G20302-1212	7347-42445	3/4	19.1	3/4	1.50	38.1	0.43	11.0	5.16	131.0	3.15	80.0	0.27	6.7
12GS-16FL22M*	G20302-1216	7347-42465	3/4	19.1	1	1.75	44.5	0.55	14.0	5.24	133.0	3.23	82.0	0.32	8.0
16GS-16FL22M*	G20302-1616	7347-42555	1	25.4	1	1.75	44.5	0.55	14.0	6.10	155.0	3.87	98.4	0.32	8.0
16GS-20FL22M*	G20302-1620	7347-42565	1	25.4	1 1/4	2.00	50.8	0.59	15.0	6.61	168.0	4.37	111.0	0.32	8.0
20GS-20FL22M*	G20302-2020	7347-42645	1 1/4	31.7	1 1/4	2.00	50.8	0.59	15.0	7.01	178.0	4.21	106.9	0.32	8.0
20GS-24FL22M*	G20302-2024	7347-42655	1 1/4	31.7	1 1/2	2.38	60.5	0.71	18.0	7.32	186.0	4.52	114.9	0.32	8.0

\*N = flange size

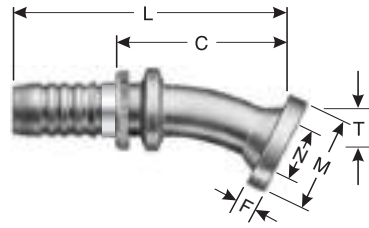
\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.



## Code 61 O-Ring Flange – 30° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
8GS-12FL30M	G20304-0812	7347-43265	1/2	12.7	3/4	1.50	38.1	0.63	16.0	3.94	100.0	2.46	62.5	0.27	6.7
12GS-12FL30M	G20304-1212	7347-43445	3/4	19.1	3/4	1.50	38.1	0.63	16.0	5.08	129.0	3.07	78.0	0.27	6.7
12GS-16FL30M*	G20304-1216	7347-43465	3/4	19.1	1	1.75	44.5	0.75	19.0	4.76	121.0	2.76	70.0	0.32	8.0
16GS-16FL30M*	G20304-1616	7347-43555	1	25.4	1	1.75	44.5	0.75	19.0	6.02	153.0	3.80	96.6	0.32	8.0
16GS-20FL30M*	G20304-1620	7347-43565	1	25.4	1 1/4	2.00	50.8	0.87	22.0	6.54	166.0	4.29	109.0	0.32	8.0
20GS-20FL30M*	G20304-2020	7347-43645	1 1/4	31.7	1 1/4	2.00	50.8	0.87	22.0	6.93	176.0	4.13	104.9	0.32	8.0
20GS-24FL30M*	G20304-2024	7347-43655	1 1/4	31.7	1 1/2	2.38	60.5	1.18	30.0	7.17	182.0	4.37	110.9	0.32	8.0

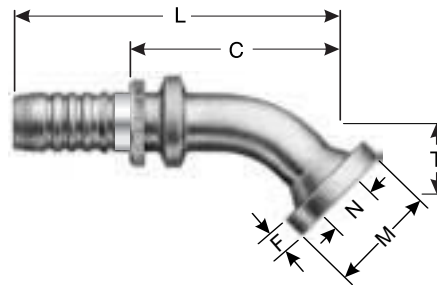
\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.

## Code 61 O-Ring Flange – 45° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
6GS-8FL45M	G20307-0608	7347-44155	3/8	9.5	1/2	1.19	30.2	0.75	19.0	3.66	93.0	2.25	57.2	0.27	6.7
8GS-8FL45M	G20307-0808	7347-44245	1/2	12.7	1/2	1.19	30.2	0.75	19.0	3.70	94.0	2.22	56.5	0.27	6.7
8GS-12FL45M	G20307-0812	7347-44265	1/2	12.7	3/4	1.50	38.1	1.02	26.0	3.98	101.0	2.50	63.5	0.27	6.7
10GS-10FLK45-026†	G20307-1010	7347-73365	5/8	15.8	5/8	1.35	34.2	1.02	26.0	4.76	121.0	2.78	70.7	0.27	6.7
10GS-12FL45M	G20307-1012	7347-44355	5/8	15.9	3/4	1.50	38.1	1.02	26.0	5.00	127.0	3.02	76.7	0.27	6.7
12GS-12FL45M	G20307-1212	7347-44445	3/4	19.1	3/4	1.50	38.1	1.02	26.0	4.88	124.0	2.87	73.0	0.27	6.7
12GS-16FL45S*	G20306-1216	7347-73135	3/4	19.1	1	1.75	44.5	1.10	28.0	4.96	126.0	2.95	75.0	0.32	8.0
16GS-16FL45M*	G20307-1616	7347-44555	1	25.4	1	1.75	44.5	1.26	32.0	5.79	147.0	3.57	90.6	0.32	8.0
16GS-20FL45M*	G20307-1620	7347-44565	1	25.4	1 1/4	2.00	50.8	1.50	38.0	6.22	158.0	3.97	100.8	0.32	8.0
20GS-16FL45M*	G20307-2016	7347-44635	1 1/4	31.7	1	1.75	44.5	1.26	32.0	6.42	163.0	3.62	91.9	0.32	8.0
20GS-20FL45S*	G20306-2020	7347-73565	1 1/4	31.7	1 1/4	2.00	50.8	1.26	32.0	6.69	170.0	3.89	98.9	0.32	8.0
20GS-24FL45S*	G20306-2024	7347-73575	1 1/4	31.7	1 1/2	2.38	60.5	1.50	38.0	6.93	176.0	4.13	104.8	0.32	8.0

\*N = flange size

†Komatsu-style flange.

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

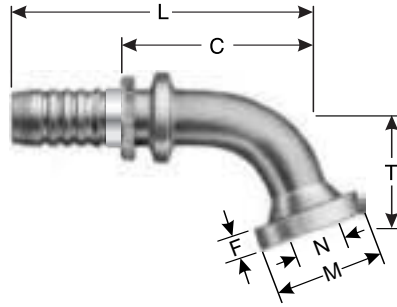
PART NUMBER INDEXES



## Code 61 O-Ring Flange – 60° Bent Tube

See Accessories for O-Rings.

S, M & L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
8GS-8FL60M	G20309-0808	7347-45245	1/2	12.7	1/2	1.19	30.1	1.06	27.0	4.09	104.0	2.62	66.5	0.27	6.7	
12GS-12FL60M	G20309-1212	7347-45445	3/4	19.1	3/4	1.50	38.1	1.46	37.0	5.39	137.0	3.39	86.0	0.27	6.7	
12GS-16FL60M*	G20309-1216	7347-45465	3/4	19.1	1	1.75	44.5	1.73	44.0	5.35	136.0	3.35	85.0	0.32	8.0	
16GS-16FL60M*	G20309-1616	7347-45555	1	25.4	1	1.75	44.5	1.73	44.0	6.18	157.0	3.97	100.8	0.32	8.0	
16GS-20FL60M*	G20309-1620	7347-45565	1	25.4	1 1/4	2.00	50.8	2.17	55.0	6.18	157.0	3.94	100.2	0.32	8.0	
20GS-20FL60M*	G20309-2020	7347-45645	1 1/4	31.7	1 1/4	2.00	50.8	2.17	55.0	7.36	187.0	4.56	115.9	0.32	8.0	
20GS-24FL60M*	G20309-2024	7347-45655	1 1/4	31.7	1 1/2	2.38	60.5	2.52	64.0	7.68	195.0	4.88	123.9	0.32	8.0	

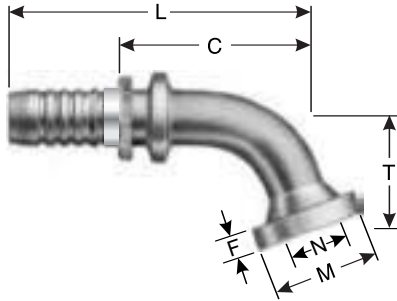
\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.

## Code 61 O-Ring Flange – 67½° Bent Tube

See Accessories for O-Rings.

S, M & L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
8GS-12FL67-032	G20311-0812	7347-78025	1/2	12.7	1/2	1.5	38.1	1.26	32.0	3.7	94.0	2.21	56.2	0.27	6.7	
12GS-12FL67M	G20311-1212	7347-46445	3/4	19.1	3/4	1.50	38.1	1.65	42.0	5.20	132.0	3.19	81.0	0.27	6.7	
12GS-16FL67M*	G20311-1216	7347-46465	3/4	19.1	1	1.75	44.5	2.01	51.0	5.08	129.0	3.07	78.0	0.32	8.0	
16GS-16FL67M*	G20311-1616	7347-46555	1	25.4	1	1.75	44.5	2.01	51.0	5.94	151.0	3.71	94.3	0.32	8.0	
16GS-20FL67M*	G20311-1620	7347-46565	1	25.4	1 1/4	2.00	50.8	2.52	64.0	5.83	148.0	3.59	91.2	0.32	8.0	
20GS-20FL67M*	G20311-2020	7347-46645	1 1/4	31.7	1 1/4	2.00	50.8	2.52	64.0	7.01	178.0	4.21	106.9	0.32	8.0	
20GS-24FL67S*	G20311-2024	7347-76605	1 1/4	31.7	1 1/2	2.38	60.5	2.01	51.0	6.46	164.0	3.66	92.9	0.32	8.0	

\*N = flange size

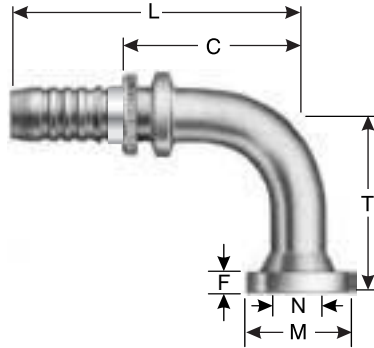
\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.



## Code 61 O-Ring Flange – 90° Bent Tube

See Accessories for O-Rings.

S, M or L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		↺		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
6GS-8FL90M	G20315-0608	7347-74155	3/8	9.50	1/2	1.19	30.2	1.57	40.0	3.43	87.0	2.02	51.2	0.27	6.7
8GS-8FL90M	G20315-0808	7347-74245	1/2	12.70	1/2	1.19	30.2	1.57	40.0	3.46	88.0	1.99	50.5	0.27	6.7
8GS-8FL90L	G20316-0808	7347-73815	1/2	12.70	1/2	1.19	30.2	3.27	83.0	3.46	88.0	1.99	50.5	0.27	6.7
8GS-12FL90M	G20315-0812	7347-74265	1/2	12.70	3/4	1.50	38.1	2.28	58.0	3.46	88.0	1.98	50.4	0.27	6.7
10GS-10FLK90-055	G20315-1010	7347-73355	5/8	15.80	5/8	1.35	34.2	2.17	55.0	4.33	110.0	2.35	59.7	0.27	6.7
10GS-12FL90M	G20315-1012	7347-74355	5/8	15.80	3/4	1.50	38.1	2.28	58.0	4.33	110.0	2.35	59.7	0.27	6.7
12GS-8FL90-050	G20314-1208	7347-76035	3/4	19.10	1/2	1.19	30.2	1.97	50.0	4.80	122.0	2.80	71.0	0.27	6.7
12GS-10FLK90-055	G20315-1210	7347-73695	3/4	19.10	5/8	1.35	34.2	2.17	55.0	4.65	118.0	2.64	67.0	0.27	6.7
12GS-12FL90M	G20315-1212	7347-74445	3/4	19.10	3/4	1.50	38.1	2.28	58.0	4.41	112.0	2.40	61.0	0.27	6.7
12GS-12FL90-100	G20317-1212	7347-73905	3/4	19.10	3/4	1.50	38.1	3.94	100.0	4.41	112.0	2.40	61.0	0.27	6.7
12GS-12FL90-125	G20318-1212	7347-73985	3/4	19.10	3/4	1.50	38.1	4.92	125.0	4.80	122.0	2.80	71.0	0.27	6.7
12GS-16FL90S*	G20314-1216	7347-73915	3/4	19.10	1	1.75	44.5	2.40	61.0	4.41	112.0	2.40	61.0	0.32	8.0
12GS-16FL90M*	G20315-1216	7347-73925	3/4	19.10	1	1.75	44.5	2.76	70.0	4.41	112.0	2.40	61.0	0.32	8.0
12GS-16FL90-080*	G20316-1216	7347-76805	3/4	19.10	1	1.75	44.5	3.15	80.0	5.04	128.0	3.03	77.0	0.32	8.0
12GS-20FL90-054*	G20314-1220	7347-73995	3/4	19.10	1 1/4	2.00	50.8	2.13	54.0	5.16	131.0	3.15	80.0	0.32	8.0
12GS-20FL90-125	G20225-1220	7347-78375	3/4	19.10	1 1/4	2.00	50.8	4.92	125.0	4.76	121.0	2.76	70.0	0.32	8.0
16GS-16FL90S*	G20314-1616	7347-47555	1	25.40	1	1.75	44.5	2.40	61.0	5.31	135.0	3.09	78.6	0.32	8.0
16GS-16FL90M*	G20315-1616	7347-74555	1	25.40	1	1.75	44.5	2.76	70.0	5.31	135.0	3.09	78.6	0.32	8.0
16GS-16FL90-120*	G20317-1616	7347-73165	1	25.40	1	1.75	44.5	4.72	120.0	5.28	134.0	3.04	77.2	0.32	8.0
16GS-20FL90S*	G20314-1620	7347-47565	1	25.40	1 1/4	2.00	50.8	2.68	68.0	5.28	134.0	3.02	76.8	0.32	8.0
16GS-20FL90M*	G20315-1620	7347-74565	1	25.40	1 1/4	2.00	50.8	3.54	90.0	5.28	134.0	2.99	76.0	0.32	8.0
16GS-24FL90S*	G20314-1624	7347-47575	1	25.40	1 1/2	2.38	60.5	3.19	81.0	5.28	134.0	3.04	77.2	0.32	8.0
16GS-24FL90-060*	G20313-1624	7347-73975	1	25.40	1 1/2	2.37	60.3	2.36	60.0	5.71	145.0	3.47	88.2	0.32	8.0
20GS-16FL90M*	G20315-2016	7347-74635	1 1/4	31.70	1	1.75	44.5	2.76	70.0	6.30	160.0	3.50	88.9	0.32	8.0
20GS-20FL90S*	G20314-2020	7347-47645	1 1/4	31.70	1 1/4	2.00	50.8	2.68	68.0	6.50	165.0	3.70	93.9	0.32	8.0
20GS-20FL90M*	G20315-2020	7347-74645	1 1/4	31.7	1 1/4	2.00	50.8	3.54	90.0	6.50	165.0	3.70	93.9	0.32	8.0
20GS-20FL90-168*	G20317-2020	7347-76105	1 1/4	31.7	1 1/4	2.00	50.8	6.61	168.0	6.54	166.0	3.74	94.9	0.32	8.0
20GS-24FL90S*	G20314-2024	7347-47655	1 1/4	31.7	1 1/2	2.38	60.5	3.19	81.0	6.50	165.0	3.70	93.9	0.32	8.0
20GS-24FL90-118*	G20315-2024	7347-76085	1 1/4	31.7	1 1/2	2.38	60.5	4.65	118.0	6.50	165.0	3.70	93.9	0.32	8.0

\*N = flange size

\*Komatsu-style flange.

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi.

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

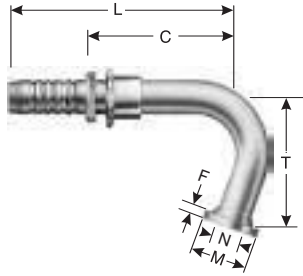




# GlobalSpiral™ Couplings – G20 Series

## Code 61 O-Ring Flange – 100° Bent Tube

See Accessories for O-Rings.



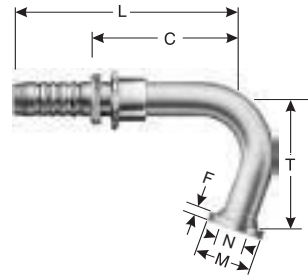
Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
12GS-16FL100-059	G20323-1216	7347-78055	3/4	19.1	1	1.75	44.4	2.32	59	4.93	125.2	2.92	74.2	0.32	8.0	

\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi

## Code 61 O-Ring Flange – 110° Bent Tube

See Accessories for O-Rings.



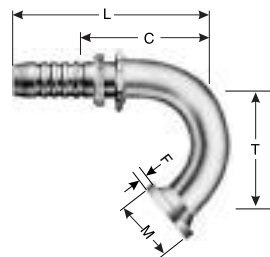
Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
12GS-12FL110-064	G20325-1212	7347-76025	3/4	19.1	3/4	1.50	38.1	2.52	64.0	5.16	131.0	3.15	80.0	0.27	6.7	
16GS-16FL110-073*	G20325-1616	7347-73005	1	25.4	1	1.75	44.4	2.87	73.0	5.83	148.0	3.61	91.6	0.32	8.0	
20GS-20FL110-080*	G20325-2020	7347-76115	1 1/4	31.7	1 1/4	2.00	50.8	3.15	80.0	7.13	181.0	4.33	109.9	0.32	8.0	
20GS-24FL110-080*	G20325-2024	7347-76125	1 1/4	31.7	1 1/2	2.38	60.5	3.15	80.0	7.13	181.0	4.33	109.9	0.32	8.0	

\*N = flange size

\*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi

## Code 61 O-Ring Flange – 135° Bent Tube

See Accessories for O-Rings.



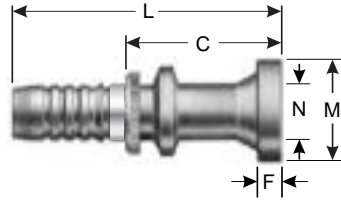
Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
12GS-12FL135-070	G20331-1212	7347-76825	3/4	19.1	3/4	1.50	38.1	2.76	70.0	3.82	97.0	1.81	46.0	0.27	6.7	

\*N = flange size



## Code 62 O-Ring Flange Heavy

See Accessories for O-Rings.



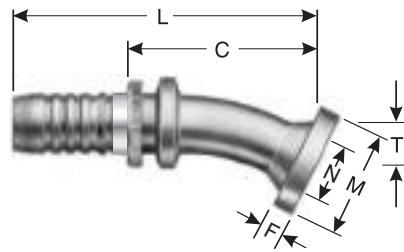
Descr.	#		⊕		N	M		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm
8GS-8FLH	G20350-0808	7347-48245	1/2	12.7	1/2	1.25	31.8	3.66	93.0	2.19	55.5	0.31	7.7
8GS-12FLH	G20350-0812	7347-48265	1/2	12.7	3/4	1.63	41.4	3.66	93.0	2.19	55.5	0.35	8.8
10GS-8FLH	G20350-1008	7347-48335	5/8	15.8	1/2	1.25	31.8	4.29	109.0	2.31	58.7	0.31	7.7
10GS-12FLH	G20350-1012	7347-48355	5/8	15.8	3/4	1.63	41.4	4.29	109.0	2.31	58.7	0.35	8.8
12GS-12FLH	G20350-1212	7347-48445	3/4	19.1	3/4	1.63	41.4	4.49	114.0	2.48	63.0	0.35	8.8
12GS-16FLH	G20350-1216	7347-48465	3/4	19.1	1	1.88	47.8	4.49	114.0	2.48	63.0	0.38	9.5
16GS-12FLH	G20350-1612	7347-48535	1	25.4	3/4	1.63	41.4	5.08	129.0	2.86	72.6	0.35	8.8
16GS-16FLH	G20350-1616	7347-48555	1	25.4	1	1.88	47.8	4.92	125.0	2.70	68.6	0.38	9.5
16GS-20FLH	G20350-1620	7347-48565	1	25.4	1 1/4	2.13	54.1	4.92	125.0	2.69	68.2	0.41	10.3
20GS-16FLH	G20350-2016	7347-48635	1 1/4	31.7	1	1.88	47.8	6.42	163.0	3.62	91.9	0.38	9.5
20GS-20FLH	G20350-2020	7347-48645	1 1/4	31.7	1 1/4	2.13	54.1	5.75	146.0	2.95	74.9	0.41	10.3
20GS-24FLH	G20350-2024	7347-48655	1 1/4	31.7	1 1/2	2.50	63.5	6.30	160.0	3.50	88.9	0.50	12.6

\*N = flange size

## Code 62 O-Ring Flange Heavy – 22 1/2° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
12GS-16FLH22M	G20352-1216	7347-49465	3/4	19.1	1	1.88	47.8	0.55	14.0	5.43	138.0	3.43	87.0	0.38	9.5
16GS-16FLH22M	G20352-1616	7347-49555	1	25.4	1	1.88	47.8	0.55	14.0	6.10	155.0	3.88	98.6	0.38	9.5
20GS-20FLH22M	G20352-2020	7347-49645	1 1/4	31.7	1 1/4	2.13	54.1	0.59	15.0	7.32	186.0	4.52	114.9	0.41	10.3
20GS-24FLH22M	G20352-2024	7347-49655	1 1/4	31.7	1 1/2	2.50	63.5	0.71	18.0	7.40	188.0	4.60	116.9	0.50	12.6

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH™ C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

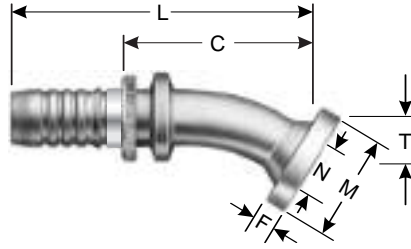


# GlobalSpiral™ Couplings – G20 Series

## Code 62 O-Ring Flange Heavy – 30° Bent Tube

See Accessories for O-Rings.

S, M, and L Drops per ISO Final Draft International Standard 12151-3.



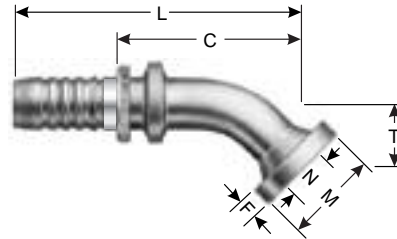
Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
12GS-12FLH30M	G20354-1212	7347-50445	3/4	19.1	3/4	1.63	41.4	0.63	16.0	5.08	129.0	3.07	78.0	0.35	8.8	
16GS-16FLH30M	G20354-1616	7347-50555	1	25.4	1	1.88	47.8	0.75	19.0	6.02	153.0	3.80	96.6	0.38	9.5	
20GS-20FLH30M	G20354-2020	7347-50645	1 1/4	31.7	1 1/4	2.13	54.1	0.87	22.0	7.24	184.0	4.44	112.9	0.41	10.3	
20GS-24FLH30M	G20354-2024	7347-50655	1 1/4	31.7	1 1/2	2.50	63.5	1.18	30.0	7.24	184.0	4.44	112.9	0.50	12.6	

\*N = flange size

## Code 62 O-Ring Flange Heavy – 45° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
8GS-8FLH45M	G20357-0808	7347-51245	1/2	12.7	1/2	1.25	31.7	0.75	19.0	3.70	94.0	2.22	56.5	0.31	7.9	
8GS-12FLH45M	G20357-0812	7347-51265	1/2	12.7	3/4	1.63	41.4	1.02	26.0	3.98	101.0	2.50	63.5	0.35	8.8	
10GS-12FLH45M	G20357-1012	7347-51355	5/8	15.9	3/4	1.63	41.4	1.02	26.0	5.00	127.0	3.02	76.7	0.35	8.8	
12GS-12FLH45M	G20357-1212	7347-51445	3/4	19.0	3/4	1.63	41.4	1.02	26.0	4.88	124.0	2.87	73.0	0.35	8.8	
12GS-16FLH45M	G20357-1216	7347-51465	3/4	19.0	1	1.88	47.8	1.26	32.0	5.12	130.0	3.11	79.0	0.38	9.5	
16GS-12FLH45M	G20357-1612	7347-51535	1	25.4	3/4	1.63	41.4	1.02	26.0	5.55	141.0	3.33	84.6	0.35	8.8	
16GS-16FLH45M	G20357-1616	7347-51555	1	25.4	1	1.88	47.8	1.26	32.0	5.79	147.0	3.57	90.6	0.38	9.5	
16GS-20FLH45M	G20357-1620	7347-51565	1	25.4	1 1/4	2.13	54.1	1.50	38.0	6.22	158.0	3.98	101.2	0.41	10.3	
20GS-20FLH45M	G20357-2020	7347-51645	1 1/4	31.7	1 1/4	2.13	54.1	1.50	38.0	6.93	176.0	4.13	104.9	0.41	10.3	
20GS-24FLH45M	G20357-2024	7347-51655	1 1/4	31.7	1 1/2	2.50	63.5	1.73	44.0	6.93	176.0	4.13	104.9	0.50	12.6	

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

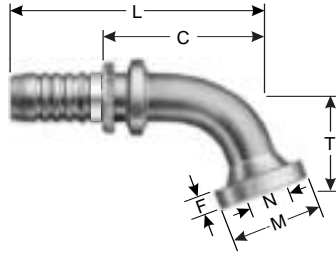
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Code 62 O-Ring Flange Heavy – 60° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



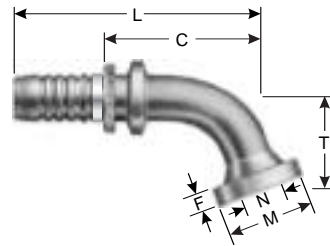
Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
12GS-12FLH60M	G20359-1212	7347-52445	3/4	19.1	3/4	1.63	41.4	1.46	37.0	5.39	137.0	3.39	86.0	0.35	8.8
12GS-16FLH60M	G20359-1216	7347-52465	3/4	19.1	1	1.88	47.8	1.73	44.0	5.35	136.0	3.35	85.0	0.38	9.5
16GS-16FLH60M	G20359-1616	7347-52555	1	25.4	1	1.88	47.8	1.73	44.0	6.18	157.0	3.97	100.8	0.38	9.5
20GS-20FLH60M	G20359-2020	7347-52645	1 1/4	31.7	1 1/4	2.13	54.1	2.17	55.0	7.32	186.0	4.52	114.9	0.41	10.3
20GS-24FLH60M	G20359-2024	7347-52655	1 1/4	31.7	1 1/2	2.50	63.5	2.52	64.0	7.64	194.0	4.84	122.9	0.50	12.6

\*N = flange size

## Code 62 O-Ring Flange Heavy – 67 1/2° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft International Standard 12151-3.



Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
16GS-16FLH67M	G20360-1616	7347-53555	1	25.4	1	1.88	47.8	2.01	51.0	5.94	151.0	3.72	94.6	0.38	9.5

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

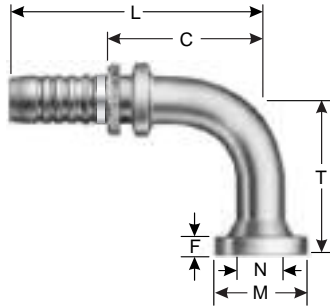


# GlobalSpiral™ Couplings – G20 Series

## Code 62 O-Ring Flange Heavy – 90° Bent Tube

See Accessories for O-Rings.

S, M and L Drops per ISO Final Draft  
International Standard 12151-3.



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
8GS-8FLH90M	G20365-0808	7347-75245	1/2	12.7	1/2	1.25	31.8	1.57	40	3.46	88	1.99	50.5	0.31	7.7	
8GS-8FLH90-080	G20366-0808	7347-73825	1/2	12.7	1/2	1.25	31.8	3.15	80	3.46	88	1.99	50.5	0.31	7.7	
8GS-12FLH90M	G20365-0812	7347-75265	1/2	12.7	3/4	1.63	41.4	2.28	58	3.46	88	1.99	50.5	0.35	8.8	
10GS-8FLH90M	G20365-1008	7347-75335	5/8	15.8	1/2	1.25	31.8	1.57	40	4.45	113	2.47	62.7	0.31	7.7	
10GS-12FLH90M	G20365-1012	7347-75355	5/8	15.8	3/4	1.63	41.4	2.28	58	4.33	110	2.35	59.7	0.35	8.8	
12GS-12FLH90M	G20365-1212	7347-75445	3/4	19.1	3/4	1.63	41.4	2.28	58	4.41	112	2.4	61	0.35	8.8	
12GS-12FLH90-100	G20366-1212	7347-73835	3/4	19.1	3/4	1.63	41.4	3.94	100	4.41	112	2.4	61	0.35	8.8	
12GS-12FLH90-122	G20367-1212	7347-76415	3/4	19.1	3/4	1.63	41.4	4.8	122	4.8	122	2.8	71	0.35	8.8	
12GS-16FLH90S	G20364-1216	7347-54465	3/4	19.1	1	1.88	47.8	2.4	61	4.41	112	2.4	61	0.38	9.5	
12GS-16FLH90M	G20365-1216	7347-73935	3/4	19.1	1	1.88	47.8	2.76	70	4.41	112	2.4	61	0.38	9.5	
12GS-16FLH90-140	G20367-1216	7347-76715	3/4	19.1	1	1.88	47.8	5.51	140	4.57	116	2.56	65	0.38	9.5	
16GS-12FLH90M	G20365-1612	7347-54535	3/4	25.4	3/4	1.63	41.4	2.28	58	5.31	135	3.09	78.6	0.35	8.8	
16GS-16FLH90S	G20364-1616	7347-54555	1	25.4	1	1.88	47.8	2.4	61	5.31	135	3.09	78.6	0.38	9.5	
16GS-16FLH90M	G20365-1616	7347-75555	1	25.4	1	1.88	47.8	2.76	70	5.31	135	3.09	78.6	0.38	9.5	
16GS-16FLH90-090	G20367-1616	7347-78105	1	25.4	1	1.88	47.8	3.54	90	5.52	140.2	3.28	83.4	0.38	9.5	
16GS-16FLH90-120	G20366-1616	7347-73015	1	25.4	1	1.88	47.8	4.72	120	5.28	134	3.04	77.2	0.38	9.5	
16GS-20FLH90S	G20364-1620	7347-54565	1	25.4	1 1/4	2.13	54.1	2.68	68	5.28	134	3.02	76.8	0.41	10.3	
16GS-20FLH90M	G20365-1620	7347-75565	1	25.4	1 1/4	2.13	54.1	3.54	90	5.28	134	3.02	76.8	0.41	10.3	
16GS-24FLH90S	G20364-1624	7347-54575	1	25.4	1 1/2	2.5	63.5	3.19	81	5.28	134	3.04	77.2	0.50	12.6	
20GS-16FLH90S	G20364-2016	7347-54635	1.25	31.7	1	1.88	47.8	2.4	61	6.3	160	3.5	88.9	0.38	9.5	
20GS-16FLH90M	G20365-2016	7347-75635	1.25	31.7	1	1.88	47.8	2.76	70	6.3	160	3.5	88.9	0.38	9.5	
20GS-16FLH90-100	G20366-2016	7347-76185	1.25	31.7	1	1.88	47.8	3.94	100	6.3	160	3.5	88.9	0.38	9.5	
20GS-20FLH90-076	G20364-2020	7347-73635	1.25	31.7	1 1/4	2.13	54.1	2.99	76	6.5	165	3.7	93.9	0.41	10.3	
20GS-20FLH90M	G20365-2020	7347-75645	1.25	31.7	1 1/4	2	50.8	3.54	90	6.5	165	3.7	93.9	0.32	8.0	
20GS-20FLH90-120	G20366-2020	7347-76135	1.25	31.7	1 1/4	2.13	54.1	4.72	120	6.5	165	3.7	93.9	0.41	10.3	
20GS-20FLH90-152	G20367-2020	7347-76485	1 1/4	31.7	1 1/4	2.13	54.1	5.98	152.0	6.50	165.0	3.70	93.9	0.41	10.3	
20GS-24FLH90S	G20364-2024	7347-54655	1 1/4	31.7	1 1/2	2.50	63.5	3.19	81.0	6.50	165.0	3.70	93.9	0.50	12.6	

\*N = flange size

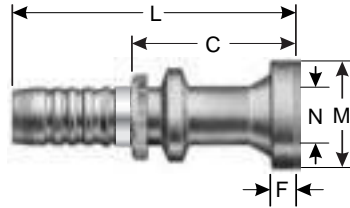




## Caterpillar-Style O-Ring Flange

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



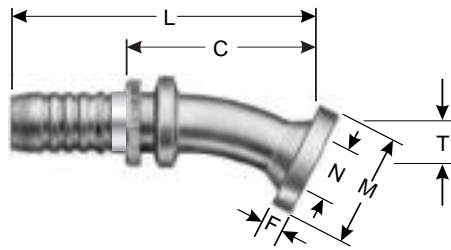
Descr.	#		⊖		N	M		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"
12GS-12FLC	G20400-1212	7347-62445	3/4	19.1	3/4	1.63	41.4	5.71	145.0	3.70	94.0	0.56	14.2
12GS-16FLC	G20400-1216	7347-62465	3/4	19.1	1	1.88	47.8	5.71	145.0	3.70	94.0	0.56	14.2
16GS-16FLC	G20400-1616	7347-62555	1	25.4	1	1.88	47.8	6.10	155.0	3.87	98.2	0.56	14.2
16GS-20FLC	G20400-1620	7347-62565	1	25.4	1 1/4	2.13	54.1	6.10	155.0	3.87	98.2	0.56	14.2
20GS-20FLC	G20400-2020	7347-62645	1 1/4	31.7	1 1/4	2.13	54.1	7.36	187.0	4.56	115.9	0.56	14.2
20GS-24FLC	G20400-2024	7347-62655	1 1/4	31.7	1 1/2	2.50	63.5	7.36	187.0	4.56	115.9	0.56	14.2

\*N = flange size

## Caterpillar-Style O-Ring Flange – 22½° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr.	#		⊖		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
12GS-12FLC22-016	G20402-1212	7347-63445	3/4	19.1	3/4	1.63	41.4	0.63	16.0	5.63	143.0	3.62	92.0	0.56	14.2
16GS-16FLC22-017	G20402-1616	7347-63555	1	25.4	1	1.88	47.8	0.67	17.0	6.02	153.0	3.78	95.9	0.56	14.2
16GS-20FLC22-017	G20402-1620	7347-63565	1	25.4	1 1/4	2.13	54.1	0.67	17.0	6.02	153.0	3.78	95.9	0.56	14.2
20GS-20FLC22-017	G20402-2020	7347-63645	1 1/4	31.7	1 1/4	2.13	54.1	0.67	17.0	7.28	185.0	4.48	113.9	0.56	14.2
20GS-24FLC22-017	G20402-2024	7347-63655	1 1/4	31.7	1 1/2	2.50	63.5	0.67	17.0	7.28	185.0	4.48	113.9	0.56	14.2

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

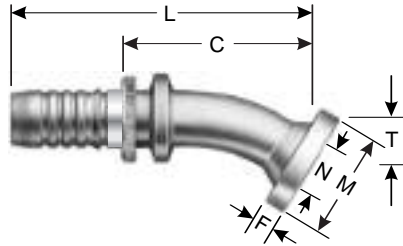




## Caterpillar-Style O-Ring Flange – 30° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



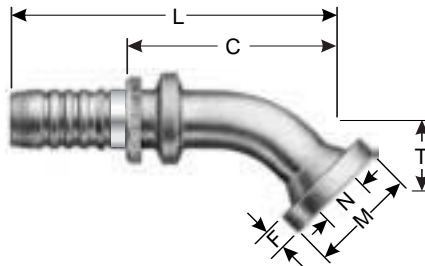
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			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
12GS-12FLC30-022	G20404-1212	7347-64445	3/4	19.1	3/4	1.63	41.4	0.87	22.0	5.51	140	3.50	89.0	0.56	14.2
12GS-16FLC30-022	G20404-1216	7347-64465	3/4	19.1	1	1.88	47.8	0.87	22.0	5.55	141	3.54	90.0	0.56	14.2
16GS-16FLC30-023	G20404-1616	7347-64555	1	25.4	1	1.88	47.8	0.91	23.0	5.94	151	3.69	93.7	0.56	14.2
16GS-20FLC30-023	G20404-1620	7347-64565	1	25.4	1 1/4	2.13	54.1	0.91	23.0	5.94	151	3.69	93.7	0.56	14.2
20GS-20FLC30-024	G20404-2020	7347-64645	1 1/4	31.7	1 1/4	2.13	54.1	0.94	24.0	7.20	183	4.41	111.9	0.56	14.2
20GS-24FLC30-024	G20404-2024	7347-64655	1 1/4	31.7	1 1/2	2.50	63.5	0.94	24.0	7.20	183	4.41	111.9	0.56	14.2

\*N = flange size

## Caterpillar-Style O-Ring Flange – 45° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr.	#		⊕		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
12GS-12FLC45-035	G20407-1212	7347-65445	3/4	19.1	3/4	1.63	41.4	1.38	35.0	5.24	133.0	3.23	82.0	0.56	14.2
12GS-12FLC45-066	G20408-1212	7347-76425	3/4	19.1	3/4	1.63	41.4	2.60	66.0	6.50	165.0	4.49	144.0	0.56	14.2
12GS-16FLC45-035	G20407-1216	7347-65465	3/4	19.1	1	1.88	47.8	1.38	35.0	5.24	133.0	3.23	82.0	0.56	14.2
16GS-16FLC45-037	G20407-1616	7347-65555	1	25.4	1	1.88	47.8	1.46	37.0	5.63	143.0	3.40	86.3	0.56	14.2
16GS-20FLC45-037	G20407-1620	7347-65565	1	25.4	1 1/4	2.13	54.1	1.46	37.0	5.63	143.0	3.40	86.3	0.56	14.2
20GS-20FLC45-037	G20407-2020	7347-65645	1 1/4	31.7	1 1/4	2.13	54.1	1.46	37.0	6.93	176.0	4.13	104.9	0.56	14.2
20GS-24FLC45-037	G20407-2024	7347-65655	1 1/4	31.7	1 1/2	2.50	63.5	1.46	37.0	6.93	176.0	4.13	104.9	0.56	14.2

\*N = flange size

- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH® C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES

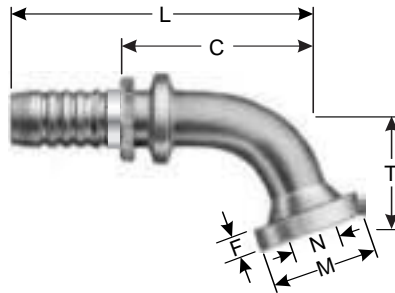




## Caterpillar-Style O-Ring Flange – 60° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



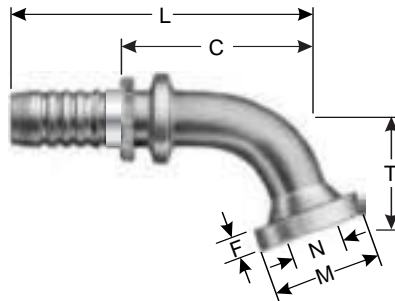
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			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
12GS-16FLC60-048	G20409-1216	7347-66465	3/4	19.1	1	1.88	47.8	1.89	48.0	5.75	146.0	3.74	95.0	0.56	14.2	
16GS-16FLC60-050	G20409-1616	7347-66555	1	25.4	1	1.88	47.8	1.97	50.0	6.42	163.0	4.17	106.0	0.56	14.2	
16GS-20FLC60-050	G20409-1620	7347-66565	1	25.4	1 1/4	2.13	54.1	1.97	50.0	4.17	106.0	3.50	89.0	0.56	14.2	
20GS-20FLC60-052	G20409-2020	7347-66645	1 1/4	31.7	1 1/4	2.13	54.1	2.05	52.0	7.80	198.0	5.00	126.9	0.56	14.2	
20GS-24FLC60-052	G20409-2024	7347-66655	1 1/4	31.7	1 1/2	2.50	63.5	2.05	52.0	7.80	198.0	5.00	126.9	0.56	14.2	

\*N = flange size

## Caterpillar-Style O-Ring Flange – 67 1/2° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
16GS-16FLC67-057	G20410-1616	7347-67555	1	25.4	1	1.88	47.8	2.24	57.0	6.14	156.0	3.90	99.0	0.56	14.2	
16GS-20FLC67-057	G20410-1620	7347-67565	1	25.4	1 1/4	2.13	54.1	2.24	57.0	6.14	156.0	3.90	99.0	0.56	14.2	
20GS-20FLC67-059	G20410-2020	7347-67645	1 1/4	31.7	1 1/4	2.13	54.1	2.32	59.0	7.52	191.0	4.72	119.9	0.56	14.2	
20GS-24FLC67-059	G20410-2024	7347-67655	1 1/4	31.7	1 1/2	2.50	63.5	2.32	59.0	7.52	191.0	4.72	119.9	0.56	14.2	

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

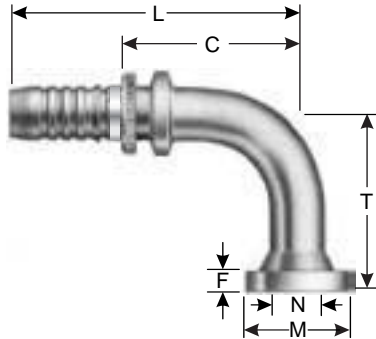
PART NUMBER INDEXES



## Caterpillar-Style O-Ring Flange – 90° Bent Tube

See Accessories for O-Rings.

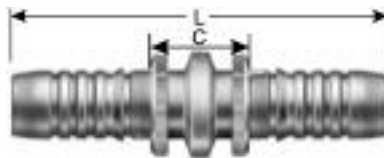
NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr.	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
12GS-12FLC90-068	G20415-1212	7347-73945	3/4	19.1	1	1.63	41.3	2.68	68.0	4.92	125.0	2.91	74.0	0.38	9.5	
12GS-12FLC90-128	G20416-1212	7347-76015	3/4	19.1	3/4	1.63	41.4	5.04	128.0	4.61	117.0	2.60	66.0	0.56	14.2	
12GS-16FLC90-068	G20415-1216	7347-73955	3/4	19.1	1	1.88	47.8	2.68	68.0	4.61	117.0	2.60	66.0	0.56	14.2	
16GS-16FLC90-074	G20415-1616	7347-68555	1	25.4	1	1.88	47.8	2.91	74.0	5.16	131.0	2.92	74.1	0.56	14.2	
16GS-16FLC90-132	G20416-1616	7347-73035	1	25.4	1	1.88	47.8	5.20	132.0	5.16	131.0	2.92	74.1	0.56	14.2	
16GS-20FLC90-074	G20415-1620	7347-68565	1	25.4	1 1/4	2.13	54.1	2.91	74.0	5.16	131.0	2.92	74.1	0.56	14.2	
20GS-20FLC90-077	G20415-2020	7347-68645	1 1/4	31.7	1 1/4	2.13	54.1	3.03	77.0	6.54	166.0	3.74	94.9	0.56	14.2	
20GS-24FLC90-077	G20415-2024	7347-68655	1 1/4	31.7	1 1/2	2.50	63.5	3.03	77.0	6.54	166.0	3.74	94.9	0.56	14.2	

\*N = flange size

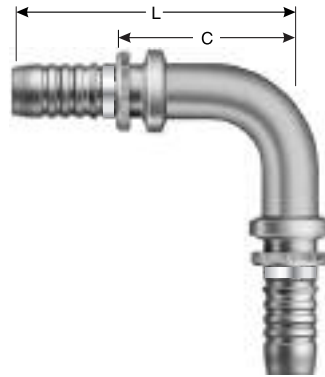
## Hose Length Extender Caterpillar



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			"	mm	"	mm	"	mm
8GS-8HLE	G20535-0808	7347-73265	1/2	12.7	3.70	94.0	0.75	19.1
12GS-12HLEC	G20534-1212	7347-76405	3/4	19.1	6.42	163	2.4	61
16GS-16HLEC	G20534-1616	7347-76395	1	25.4	7.09	180	2.61	66.4



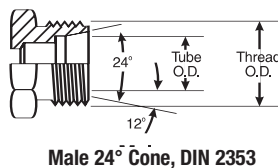
## Hose Length Extender – 90° Bent Tube



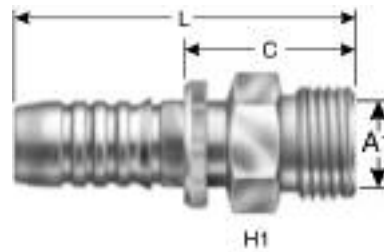
Descr.	#		⊕		L		C	
			"	mm	"	mm	"	mm
8GS-8HLE90-086	G20537-0808	7347-73195	1/2	12.7	3.39	86.0	1.91	48.5
12GS-12HLE90-112	G20537-1212	7347-73965	3/4	19.1	4.39	111.5	2.38	60.5
16GS-16HLE90-127	G20537-1616	7347-73705	1	25.4	5.00	127.0	2.76	70.2
20GS-20HLE90-155	G20537-2020	7347-76705	1 1/4	31.7	6.10	155.0	3.30	83.9

## Male DIN 24° Cone – Light Series

Do not use at a pressure above DIN Light ratings. Nut Hex per ISO Draft International Standards 12151-2.



Male 24° Cone, DIN 2353



Descr.	#		⊕		🌀	H2	L		C		A1
			"	mm		mm	"	mm	"	mm	mm
8GS-15MDL	G20615-0815	7347-90625	1/2	12.7	M22X1.5	24	2.48	63	1	25.5	12
12GS-22MDL	G20615-1222	7347-93565	3/4	19.1	M30X2.0	32	3.13	79.5	1.12	28.5	19
16GS-28MDL	G20615-1628	7347-91495	1	25.4	M36X2.0	41	3.54	90	1.31	33.2	24

- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH® C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

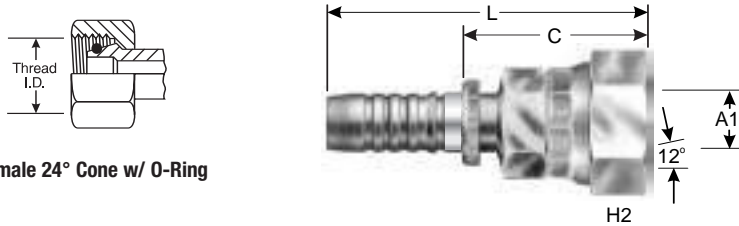
QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Female DIN 24° Cone Swivel – Light Series with O-Ring

Do not use at a pressure above DIN Light ratings. Nut Hex per ISO Draft International Standards 12151-2.

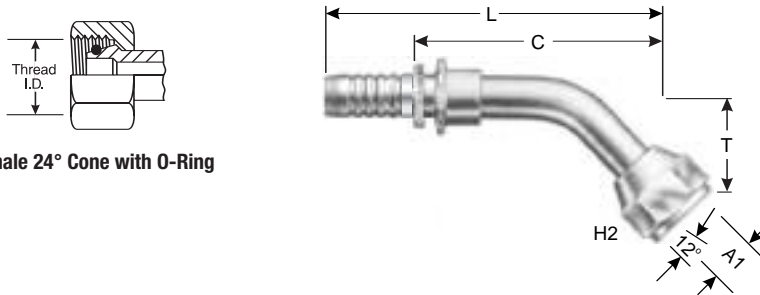


Female 24° Cone w/ O-Ring

Descr.	#		⊕		🌀	H2	L		C		A1
			"	mm		mm	"	mm	"	mm	mm
6GS-12FDLORX	G20645-0612	7347-92815	3/8	9.5	M18X1.5	22	2.87	73.0	1.46	37.2	12
8GS-15FDLORX	G20645-0815	7347-90595	1/2	12.7	M22X1.5	27	2.87	73.0	1.40	35.5	15
10GS-18FDLORX	G20645-1018	7347-92105	5/8	15.8	M26X1.5	32	3.61	91.8	1.63	41.5	18
12GS-22FDLORX	G20645-1222	7347-92125	3/4	19.1	M30X2.0	36	3.82	97.0	1.81	46.0	22
12GS-28FDLORX	G20645-1228	7347-92165	3/4	19.1	M36X2.0	41	3.90	99.0	1.89	48.0	28
16GS-28FDLORX	G20645-1628	7347-90795	1	25.4	M36X2.0	41	4.13	105.0	1.91	48.6	28

## Female DIN 24° Cone Swivel – Light Series with O-Ring – 45° Bent Tube

Do not use at a pressure above DIN Light ratings. Nut Hex per ISO Draft International Standards 12151-2.



Female 24° Cone with O-Ring

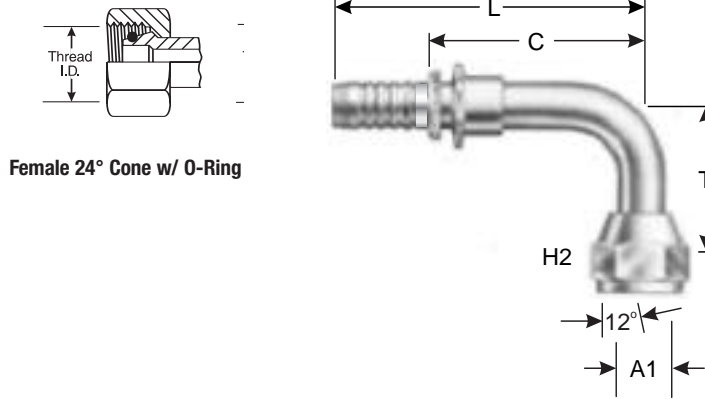
Descr.	#		⊕		🌀	H2	T		L		C		A1
			"	mm		mm	"	mm	"	mm	"	mm	mm
12GS-22FDLORX45	G20650-1222	7347-92525	3/4	19.1	M30X2.0	36	1.17	29.8	5.35	135.8	3.34	84.8	22





## Female DIN 24° Cone Swivel – Light Series with O-Ring – 90° Bent Tube

Do not use at a pressure above DIN Light ratings. Nut Hex per ISO Draft International Standards 12151-2.



Female 24° Cone w/ O-Ring

Descr.	#		⊕		🌀	H2	T		L		C		A1
			"	mm			mm	"	mm	"	mm	"	
12GS-22FDLORX90M	G20655-1222	7347-92135	3/4	19.1	M30X2.0	36	2.44	62.0	4.86	123.5	2.86	72.5	22
16GS-28FDLORX90M	G20655-1628	7347-90765	1	25.4	M36X2.0	41	2.76	70.0	5.82	147.7	2.71	68.7	28

## Male DIN 24° Cone – Heavy Series



Male 24° Cone

Descr.	#		⊕		🌀	H1	L		C		A1
			"	mm			mm	"	mm	"	
6GS-12MDH	G20715-0612	7347-01785	3/8	9.5	M20X1.5	22	2.51	63.7	110	27.9	12
8GS-16MDH	G20715-0816	734791325	1/2	12.7	M24X1.5	27	1.17	67.5	1.18	30	12
12GS-20MDH	G20715-1220	7347-92255	3/4	19.1	M30X2.0	32	3.35	85	1.34	34	20
12GS-25MDH	G20715-1225	7347-92265	3/4	19.1	M36X2.0	41	3.5	89	1.5	38	25
16GS-25MDH	G20715-1625	7347-91505	1	25.4	M30X2.0	41	3.82	97	1.58	40.2	25
16GS-30MDH	G20715-1630	7347-91515	1	25.4	M42X2.0	46	3.9	99	1.66	42.2	30
20GS-38MDH	G20715-2038	7347-93295	1 1/4	31.7	M52X2.0	55	4.84	123	2.04	51.9	38

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

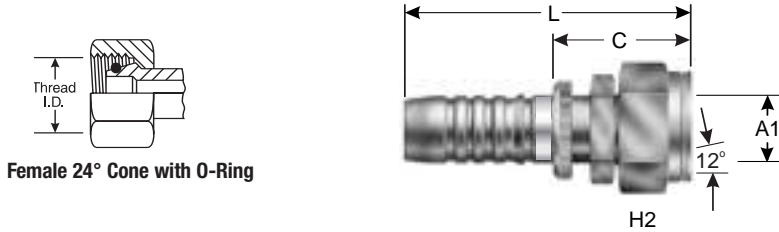
ADAPTERS  
QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Female DIN 24° Cone Swivel – Heavy Series with O-Ring

Nut Hex per ISO Draft International Standards 12151-2.

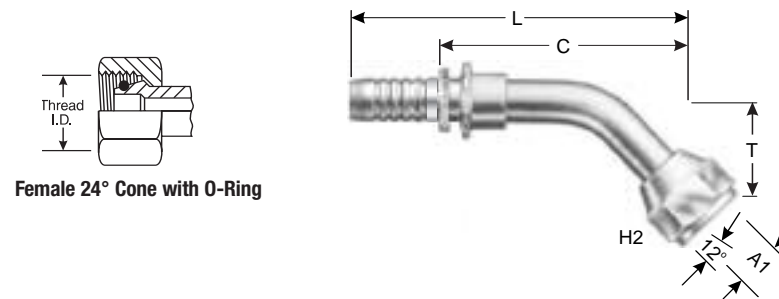


Female 24° Cone with O-Ring

Descr.	#		↔		🌀	H2	L		C		A1
			"	mm			"	mm	"	mm	
6GS-12FDHORX	G20720-0612	7347-92645	3/8	9.5	M20X1.5	24	2.87	73	1.46	37.2	12
6GS-14FDHORX	G20720-0614	7347-92085	3/8	9.5	M22X1.5	27	2.97	75.5	1.56	39.7	14
8GS-14FDHORX	G20720-0814	7347-92095	1/2	12.7	M22X1.5	27	3.01	76.5	1.53	38.9	14
8GS-16FDHORX	G20720-0816	7347-91335	1/2	12.7	M24X1.5	30	3.11	79	1.63	41.5	16
10GS-20FDHORX	G20720-1020	7347-92115	5/8	15.8	M30X2.0	36	3.94	100	1.96	49.7	20
10GS-25FDHORX	G20720-1025	7347-93425	5/8	15.8	M36X2.0	46	4.09	104	2.11	53.7	25
12GS-20FDHORX	G20720-1220	7347-92145	3/4	19.1	M30X2.0	36	4.06	103	2.05	52	20
12GS-25FDHORX	G20720-1225	7347-92155	3/4	19.1	M36X2.0	46	4.23	107.4	2.22	56.4	25
16GS-25FDHORX	G20720-1625	7347-91535	1	25.4	M36X2.0	46	4.57	116	2.35	59.6	25
16GS-30FDHORX	G20720-1630	7347-90805	1	25.4	M42X2.0	50	4.65	118.0	2.43	61.6	30
20GS-38FDHORX	G20720-2038	7347-93305	1 1/4	31.7	M52X2.0	60	5.71	145.0	2.91	73.9	38

## Female DIN 24° Cone Swivel – Heavy Series with O-Ring – 45° Bent Tube

Nut Hex per ISO Draft International Standards 12151-2.

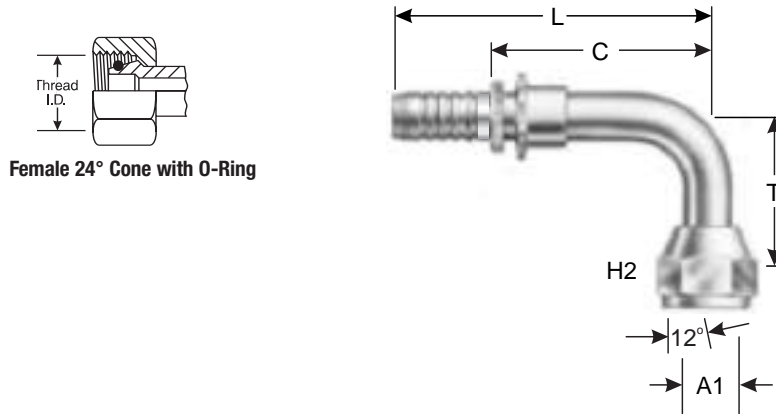


Female 24° Cone with O-Ring

Descr.	#		↔		🌀	H2	T		L		C		A1
			"	mm			"	mm	"	mm	"	mm	
8GS-16FDHORX45M	G20725-0816	7347-91345	1/2	12.7	M24X1.5	30	0.85	21.6	3.7	94.1	2.23	56.7	16
10GS-20FDHORX45	G20725-1020	7347-92325	5/8	15.8	M30X2.0	36	0.98	24.9	4.79	121.6	2.81	71.3	20
12GS-20FDHORX45	G20725-1220	7347-93285	3/4	19.1	M30X2.0	36	1.17	29.8	6.33	160.9	4.33	109.9	20
12GS-25FDHORX45M	G20725-1225	7347-92175	3/4	19.1	M36X2.0	46	1.23	31.2	5.31	134.8	3.4	86.3	25
16GS-25FDHORX45M	G20725-1625	7347-91545	1	25.4	M36X2.0	46	1.38	35.1	3.9	99	1.66	42.2	25
20GS-38FDHORX45M	G20725-2038	7347-93415	1 1/4	31.7	M52X2.0	60	1.67	42.5	7.72	196	4.92	124.9	38

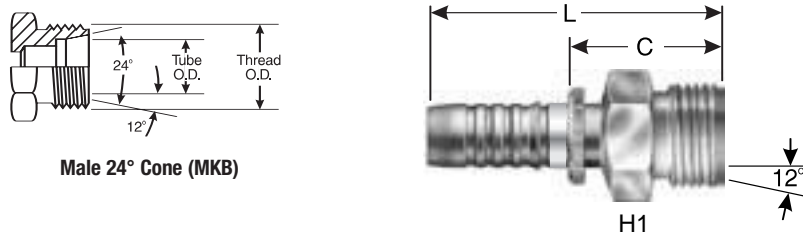
## Female DIN 24° Cone Swivel – Heavy Series with O-Ring – 90° Bent Tube

Nut Hex per ISO Draft International Standards 12151-2.



Descr.	#		⌀		🌀	H2	T		L		C		A1
			"	mm		mm	"	mm	"	mm	"	mm	mm
8GS-16FDHORX90M	G20730-0816	7347-91485	1/2	12.7	M24X1.5	30	1.73	44.0	3.39	86.0	1.91	48.5	16
10GS-20FDHORX90M	G20730-1020	7347-92335	5/8	15.8	M30X2.0	36	2.01	51.0	4.43	112.5	2.45	62.2	20
12GS-20FDHORX90M	G20730-1220	7347-92185	3/4	19.1	M30X2.0	36	2.44	62.0	4.86	123.5	2.85	72.5	20
12GS-25FDHORX90M	G20730-1225	7347-92195	3/4	19.1	M36X2.0	46	2.52	64.0	4.86	123.5	2.85	72.5	25
16GS-25FDHORX90	G20730-1625	7347-91555	1	25.4	M36X2.0	46	2.99	76.0	5.94	151.0	3.72	94.6	25
16GS-30FDHORX90M	G20730-1630	7347-90775	1	25.4	M42X2.0	50	2.99	76.0	5.81	147.7	3.59	91.3	30
20GS-38FDHORX90	G20730-2038	7347-93315	1 1/4	31.7	M52X2.0	60	3.43	87.0	7.11	180.5	4.31	109.4	38

## Male Kobelco-Style



Descr.	#		⌀		🌀	H1	L		C	
			"	mm		mm	"	mm	"	mm
12GS-22MKB	G20735-1222	7347-73665	3/4	19.1	M30X1.5	36	3.35	85.0	1.34	34.0
12GS-28MKB	G20735-1228	7347-73675	3/4	19.1	M36X1.5	41	3.62	92.0	1.61	41.0
16GS-28MKB	G20735-1628	7347-73095	1	25.4	M36X1.5	50	3.98	101.0	1.74	44.2
16GS-35MKB	G20735-1635	7347-73025	1	25.4	M45X1.5	50	3.74	95.0	1.50	38.1

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

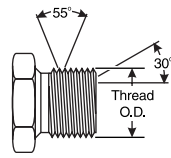
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

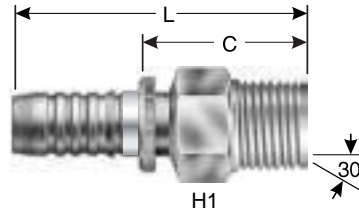


# GlobalSpiral™ Couplings – G20 Series

## Male British Standard Pipe Parallel



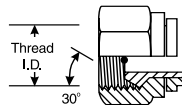
BSPP Male (MBSPP)



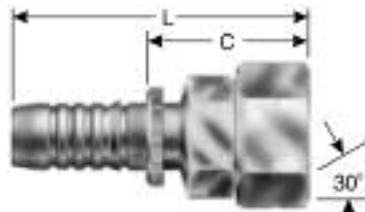
H1

Descr.	#		↻		🌀	H1	L		C	
			"	mm		mm	"	mm	"	mm
6GS-6MBSPP	G20810-0606	7347-01775	3/8	9.5	3/8-19	22	2.48	63	1.07	27.2
8GS-8MBSPP	G20810-0808	7347-91365	1/2	12.7	1/2-14	27	2.66	67.5	1.81	30
MEGACRIMP® CPLGS.	12GS-12MBSPP	G20810-1212	3/4	19.1	3/4-14	32	3.35	85	1.37	34.7
	16GS-16MBSPP	G20810-1616	1	25.4	1-11	41	3.86	98	1.62	41.2
20GS-20MBSPP	G20810-2020	7347-93365	1 1/4	31.7	1 1/4-11	50	4.65	118	1.85	46.9

## Female British Standard Pipe Parallel O-Ring Swivel



BSPOR Female (FBSPORX)



Descr.	#		↻		🌀	H2	L		C		
			"	mm		mm	"	mm	"	mm	
C14 HOSE & CPLGS.	6GS-6FBSPORX	G20830-0606	7347-92235	3/8	9.5	3/8-19	22	2.34	59.4	0.93	23.5
	8GS-8FBSPORX	G20830-0808	7347-91405	1/2	12.7	1/2-14	27	2.4	61	0.93	23.5
POLARSEAL® HOSE & CPLGS.	12GS-12FBSPORX	G20830-1212	7347-92215	3/4	19.1	3/7-14	32	3.35	85	1.34	34
	12GS-16FBSPORX	G20830-1216	7347-92585	3/4	19.1	1-11	41	3.74	86.6	1.4	35.6
	16GS-16FBSPORX	G20830-1616	7347-90815	1	25.4	1-11	41	3.74	95	1.52	38.6
20GS-20FBSPORX	G20830-2020	7347-93375	1 1/4	31.7	1 1/4-11	50	4.59	116.5	1.79	45.4	

EQUIPMENT

HOSE/CPLG.  
SELECTION

TECH. DATA

EXT. &  
VERY HIGH  
PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED.  
PRESS. HOSE

MEGACRIMP®  
CPLGS.

PC CPLGS.

FIELD  
ATTACHABLE  
CPLGS.

AIR BRAKE  
HOSE &  
CPLGS.

MEGATECH®  
C5  
HOSE &  
CPLGS.

LOW PRESS.  
HOSE &  
CPLGS.

C14 HOSE  
& CPLGS.

POLARSEAL®  
HOSE &  
CPLGS.

PWR. STG.  
HOSE &  
CPLGS.

THERMO-  
PLASTIC  
HOSE &  
CPLGS.

ADAPTERS

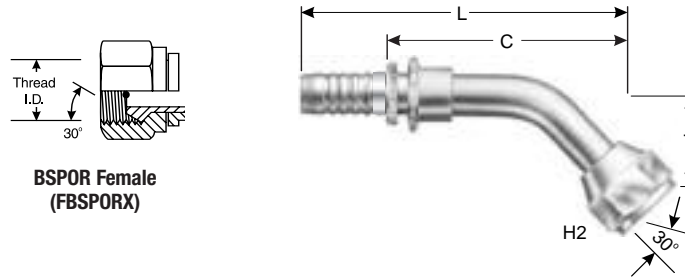
QUICK  
DISCONNECT  
CPLGS.

ACCESSORIES  
& ASSORT-  
MENTS

PART NUMBER  
INDEXES

## Female British Standard Pipe Parallel O-Ring Swivel – 45° Bent Tube

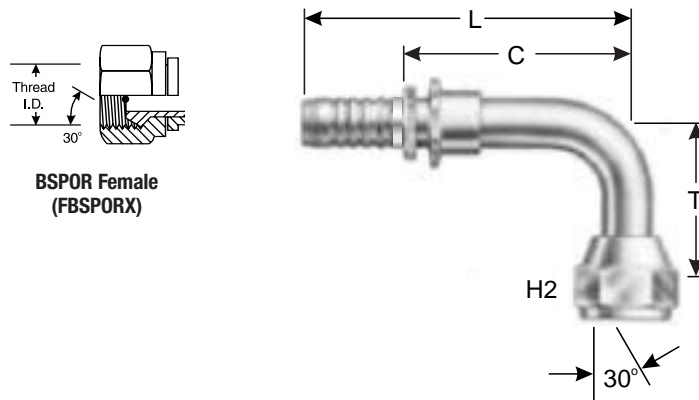
S, M, and L Drops and Hex per ISO Working Draft 12151-6.



Descr.	#		⊕		🌀	H2	T		L		C	
			"	mm			mm	"	mm	"	mm	
6GS-6FBSPORX45M	G20831-0606	7347-92345	3/8	9.5	3/8-19	22	0.61	15.4	3.27	83.1	1.86	47.3
8GS-8FBSPORX45M	G20831-0808	7347-91415	1/2	12.7	1/2-14	27	0.67	17.0	3.60	91.5	2.13	54.1
12GS-12FBSPORX45M	G20831-1212	7347-92245	3/4	19.1	3/4-14	32	1.11	28.3	5.29	134.4	3.28	83.4
16GS-16FBSPORX45M	G20831-1616	7347-92275	1	25.4	1-11	41	1.22	30.9	6.12	155.5	3.90	99.1
20GS-20FBSPORX45M	G20831-2020	7347-93395	1 1/4	31.7	1 1/4-11	50	1.48	37.5	7.52	191.1	4.72	119.9

## Female British Standard Pipe Parallel O-Ring Swivel – 90° Bent Tube

S, M, and L Drops and Hex per ISO Working Draft 12151-6.



Descr.	#		⊕		🌀	H2	T		L		C	
			"	mm			mm	"	mm	"	mm	
6GS-6FBSPORX90M	G20832-0606	7347-92355	3/8	9.5	3/8-19	22	1.26	32	3.07	78.0	1.66	42.2
8GS-8FBSPORX90M	G20832-0808	7347-91425	1/2	12.7	1/2-14	27	1.48	37	3.46	88.0	1.99	50.5
12GS-12FBSPORX90M	G20832-1212	7347-92225	3/4	19.1	3/4-14	32	2.36	60.0	4.86	123.5	2.85	72.5
16GS-16FBSPORX90M	G20832-1616	7347-90785	1	25.4	1-11	41	2.76	70.0	5.81	147.7	3.59	91.3
20GS-20FBSPORX90M	G20832-2020	7347-93405	1 1/4	31.7	1 1/4-11	50	3.15	80.0	7.11	180.5	4.31	109.4

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

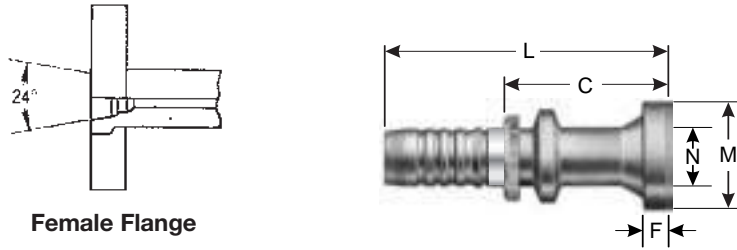
PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

EQUIPMENT  
HOSE/CPLG. SELECTION  
TECH. DATA  
EXT. & VERY HIGH PRESS. HOSE  
GS CPLGS.  
PCM CPLGS.  
PCS CPLGS.  
HIGH & MED. PRESS. HOSE  
MEGACRIMP® CPLGS.  
PC CPLGS.  
FIELD ATTACHABLE CPLGS.  
AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.  
LOW PRESS. HOSE & CPLGS.  
C14 HOSE & CPLGS.  
POLARSEAL® HOSE & CPLGS.  
PWR. STG. HOSE & CPLGS.  
THERMO-PLASTIC HOSE & CPLGS.  
ADAPTERS  
QUICK DISCONNECT CPLGS.  
ACCESSORIES & ASSORT-MENTS  
PART NUMBER INDEXES

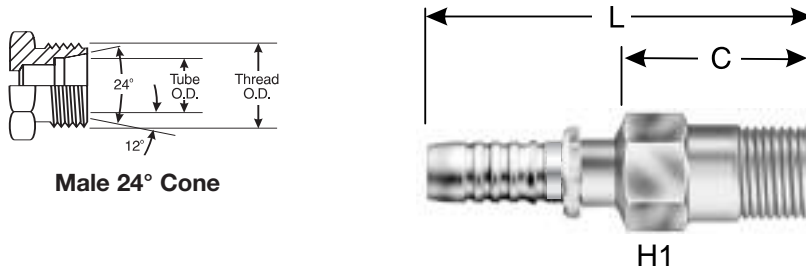
## Female French GAZ (Poclain) 24° High Pressure Flange



Female Flange

Descr.	#		⊕		N	L		C		F	
			"	mm		"	mm	"	mm	"	mm
8GS-17FPFL	G20420-0817	7347-93215	1/2	12.7	M24	2.72	69	1.24	31.5	0.56	14.2
10GS-21FPFL	G20420-1021	7347-92995	5/8	15.8	M30	3.35	85	1.37	34.7	0.56	14.2
12GS-27FPFL	G20420-1227	7347-93065	3/4	19.1	M36	3.58	91	1.57	40.0	0.56	14.2
16GS-34FPFL	G20420-1634	7347-93165	1	25.4	M45	4.02	102	1.78	45.2	0.56	14.2
20GS-42FPFL	G20420-2042	7347-93465	1 1/4	31.7	M56	5.24	133	2.44	61.9	0.56	14.2

## Male French GAZ

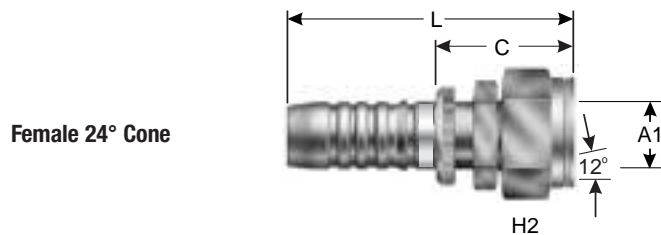


Male 24° Cone

H1

Descr.	#		⊕		🌀	H2	L		C	
			"	mm		mm	"	mm	"	mm
12GS-21MFG	G20675-1221	7347-94075	3/4	19.1	M30X1.5	32	3.23	82	1.22	31.0
12GS-27MFG	G20675-1227	7347-93055	3/4	19.1	M36X1.5	41	3.33	84.5	1.32	33.5

## Female French GAZ Swivel (Female Kobelco)



Female 24° Cone

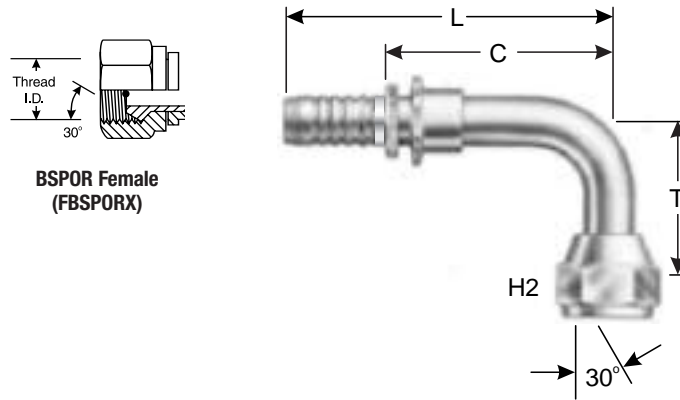
H2

Descr.	#		⊕		🌀	H2	L		C	
			"	mm		mm	"	mm	"	mm
8GS-17FFGX	G20680-0817	7347-90665	1/2	12.7	M24X1.5	30	2.68	68	1.2	30.5
12GS-27FFGX	G20680-1227	7347-93075	3/4	19.1	M36X1.5	41	3.44	87.5	1.44	36.5
16GS-34FFGX	G20680-1634	7347-93175	1	25.4	M45X1.5	55	3.76	95.5	1.54	39.1





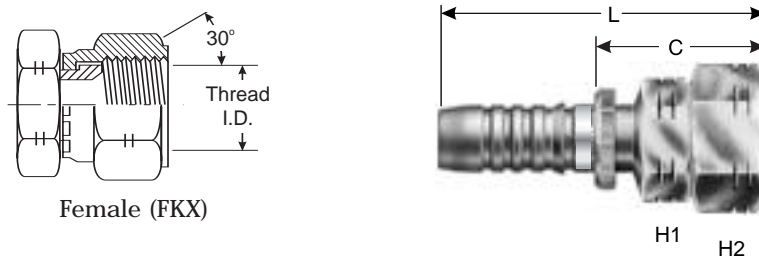
## Female French GAZ Swivel - 90° Bent Tube



Descr.	#		↻		🌀	H2	T		L		C	
			"	mm		mm	"	mm	"	mm	"	mm
10GS-21FFGX90	G20690-1021	7347-93035	5/8	15.8	M30X1.5	36	1.77	45	3.62	92	1.64	41.7

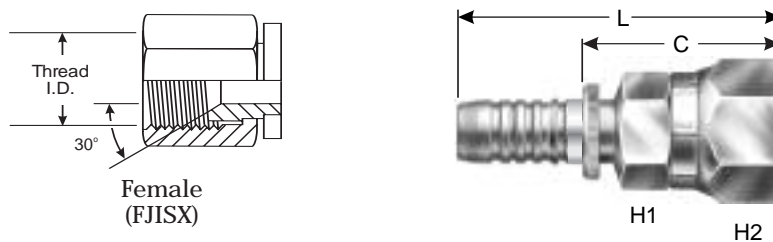
## Female Komatsu-Style Japanese Metric Swivel

These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.



Descr.	#		↻		🌀	H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
8GS-8FKX	G20910-0808	7347-35245	1/2	12.7	M22X1.5	27	27	2.93	74.4	1.46	37.0
10GS-10FKX	G20910-1010	7347-35345	5/8	15.9	M24X1.5	30	32	3.74	95.0	1.76	44.7
12GS-12FKX	G20910-1212	7347-35445	3/4	19.1	M30X1.5	32	36	4.00	101.7	2.00	50.7
16GS-16FKX	G20910-1616	7347-35555	1	25.4	M33X1.5	41	41	4.51	114.6	2.29	58.2

## Female Japanese Industrial Standard 30° Flare Swivel



Descr.	#		↻		🌀	H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
12GS-12FJISX	G20930-1212	7347-76195	3/4	19.1	3/4-14	32	36	3.87	98.2	1.86	47.2
16GS-16FJISX	G20930-1616	7347-76005	1	25.4	1-11	41	41	4.25	108	2.03	51.6
20GS-20FJISX	G20930-2020	7347-76235	1 1/4	31.7	1 1/4-11	27	50	5.35	136.0	2.56	64.9

EQUIPMENT  
HOSE/CPLG. SELECTION  
TECH. DATA  
EXT. & VERY HIGH PRESS. HOSE  
GS CPLGS.  
PCM CPLGS.  
PCS CPLGS.  
HIGH & MED. PRESS. HOSE  
MEGACRIMP® CPLGS.  
PC CPLGS.  
FIELD ATTACHABLE CPLGS.  
AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.  
LOW PRESS. HOSE & CPLGS.  
C14 HOSE & CPLGS.  
POLARSEAL® HOSE & CPLGS.  
PWR. STG. HOSE & CPLGS.  
THERMO-PLASTIC HOSE & CPLGS.  
ADAPTERS  
QUICK DISCONNECT CPLGS.  
ACCESSORIES & ASSORTMENTS  
PART NUMBER INDEXES



# GlobalSpiral™ Couplings – G20 Series

## GS Ferrule for 2-Wire Braid Hose

For 12M4K and 16M3K Hose Only



Descr.	#		⌀		L		I/O	
			"	mm	"	mm	"	mm
12GS1F-2	G20995-0212	7347-02975	3/4	19.1	1.73	44.0	1.57	39.9
16GS1F-2	G20995-0216	7347-02985	1	25.4	2.06	52.2	1.94	49.3

## GS Ferrule for 4-Spiral Hose



Descr.	#		⌀		L		I/O	
			"	mm	"	mm	"	mm
6GS1F-4	G20995-0406	7347-03105	3/8	9.5	1.43	36.3	1.25	31.8
8GS1F-4	G20995-0408	7347-03115	1/2	12.7	1.44	36.6	1.35	34.4
10GS1F-4	G20995-0410	7347-03125	5/8	15.8	1.88	47.8	1.64	41.7
12GS1F-4	G20995-0412	7347-03135	3/4	19.1	2.00	50.8	1.80	45.7
16GS1F-4	G20995-0416	7347-03145	1	25.4	2.22	56.4	2.07	52.6
20GS1F-4	G20995-0420	7347-03155	1 1/4	31.7	2.67	67.8	2.42	61.5

## GS Ferrule for 6-Spiral Hose



Descr.	#		⌀		L		I/O	
			"	mm	"	mm	"	mm
20GS1F-6	G20995-0620	7347-02905	1 1/4	31.7	2.87	72.9	2.67	67.8

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

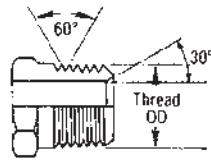
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

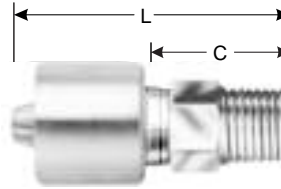


## One-Piece Couplings for Use with MobileCrimp® 4-20 Crimpers Only

### Male Pipe (NPTF – 30° Cone Seat)



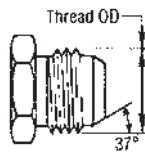
NPTF Solid Male (MP)



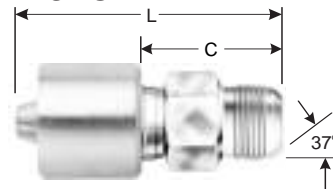
H1

Descr.	#		⊖		🌀	H1			C	
			"	mm		"	"	mm	"	mm
20MGS-20MP	G21100-2020	7347-86005	1 1/4	31.7	1 1/4-11 1/2	1 3/4	5.00	127.0	2.20	55.9

### Male JIC 37° Flare



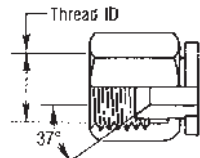
Male JIC 37° (MJ)



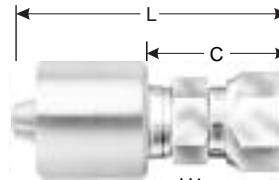
H2

Descr.	#		⊖		🌀	H1			C	
			"	mm		"	"	mm	"	mm
20MGS-20MJ	G21165-2020	7347-86015	1 1/4	31.7	1 5/8-12	1 3/4	4.92	125.0	2.12	53.9

### Female JIC 37° Flare Swivel



JIC 37° Flare Female (FJX)

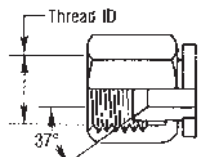


H1

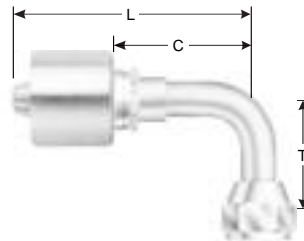
H2

Descr.	#		⊖		🌀	H1	H2	L		C	
			"	mm		"	"	mm	"	mm	
20MGS-20FJX	G21170-2020	7347-86025	1 1/4	31.7	1 5/8-12	1 7/8	2	5.35	136.0	2.56	64.9

### Female JIC 37° Flare Swivel – 90° Bent Tube



JIC 37° Flare Female (FJX)



Descr.	#		⊖		🌀	H1	H2	T	L		C		
			"	mm		"	"	mm	"	mm	"	mm	
20MGS-20FJX90M	G21180-2020	7347-86035	1 1/4	31.7	1 5/8-12	1 7/8	2	3.07	78.0	6.85	174.0	4.05	102.9

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

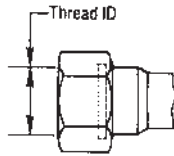
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

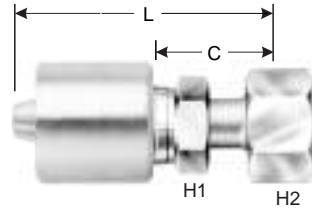


## One-Piece Couplings for Use with MobileCrimp® 4-20 Crimpers Only

### Female Flat-Face O-Ring Swivel

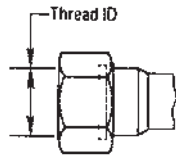


O-Ring Face Seal Swivel Female (FFORX)

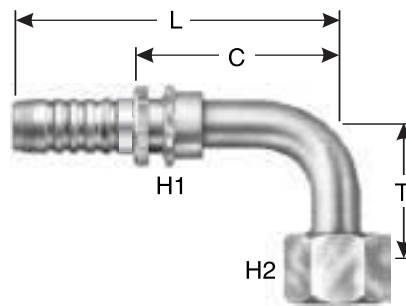


Descr.	#		⊖		🌀	H1	H2	L		C	
			"	mm		mm	mm	"	mm	mm	mm
20MGS-20FFORX	G21230-2020	7347-86045	1 1/4	31.7	1 11/16-12	50	50	5.04	128.0	2.24	56.9

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

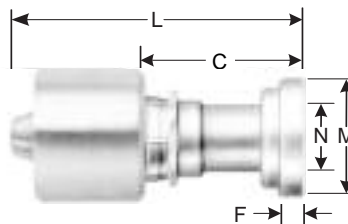


O-Ring Face Seal Swivel Female (FFORX)



Descr.	#		⊖		🌀	H1	H2	T	L		C		
			"	mm		mm	mm	"	mm	"	mm	"	mm
20MGS-20FFORX90M	G21240-2020	7347-86055	1 1/4	31.7	1 11/16-12	50	50	3.07	78.0	6.77	172.0	3.97	100.9

### Code 61 O-Ring Flange



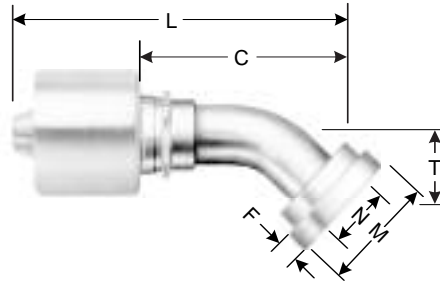
Descr.	#		⊖		N	M	L		C		F		
			"	mm	"	mm	"	mm	"	mm	"	mm	
20MGS-20FL	G21300-2020	7347-86065	1 1/4	31.7	1 1/4	2.00	50.8	5.75	146.0	2.95	74.9	0.32	8.0

\*N = flange size

- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.**
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH® C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES



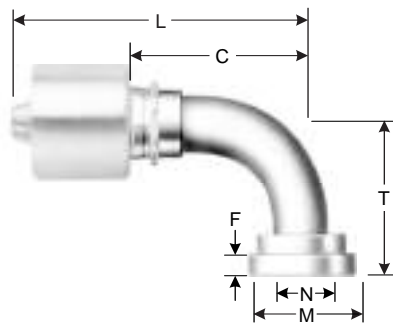
## One-Piece Couplings for Use with MobileCrimp® 4-20 Crimpers Only Code 61 O-Ring Flange – 45° Bent Tube



Descr.	#		↔		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
20MGS-20FL45S	G21307-2020	7347-86075	1 1/4	31.7	1 1/4	2.00	50.8	1.26	32.0	6.69	170.0	3.89	98.9	0.32	8.0

\*N = flange size

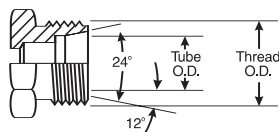
## Code 61 O-Ring Flange – 90° Bent Tube



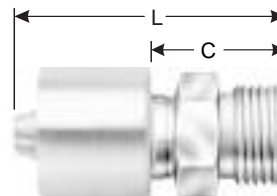
Descr.	#		↔		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
20MGS-20FL90M	G21315-2020	7347-86085	1 1/4	31.7	1 1/4	2.00	50.8	3.54	90.0	6.54	166.0	3.74	94.9	0.32	8.0

\*N = flange size

## Male DIN 24° Cone – Heavy Series



Male 24° Cone



H1

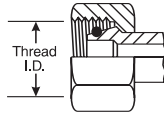
Descr.	#		↔		M5x2.0	H1	L		C		A1
			mm	"		mm	"	mm	mm		
20MGS-38MDH	G21715-2038	7347-86115	1 1/4	31.7	M5x2.0	55	4.84	123.0	2.04	51.9	38

- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH® C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES

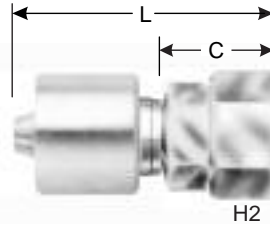


## One-Piece Couplings for Use with MobileCrimp® 4-20 Crimpers Only

### Female DIN 24° Cone Swivel – Heavy Series with O-Ring



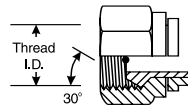
Female 24° Cone w/ O-Ring



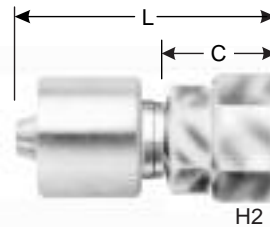
H2

Descr.	#		⌀		M	H2	L		C		A1
			"	mm		mm	"	mm	"	mm	
20MGS-38FDHORX	G21720-2038	7347-86095	1 1/4	31.7	M52x2.0	60	5.71	145.0	2.91	73.9	38

### Female British Standard Pipe Parallel O-Ring Swivel



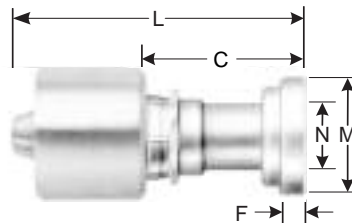
BSPOR Female (FBSPORX)



H2

Descr.	#		⌀		M	H2	L		C	
			"	mm		mm	"	mm	"	mm
20MGS-20FBSPORX	G21830-2020	7347-86105	1 1/4	31.7	1 1/4-11	50	4.59	116.5	1.79	45.4

### Code 62 O-Ring Flange



Descr.	#		⌀		L		C	
			"	mm	"	mm	"	mm
20MGS-20FLH	G21350-2020	7347-86135	1 1/4	31.7	5.75	146	2.95	74.9

\*N = flange size

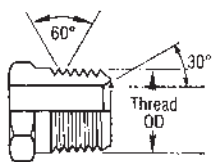
- EQUIPMENT
- HOSE/CPLG. SELECTION
- TECH. DATA
- EXT. & VERY HIGH PRESS. HOSE
- GS CPLGS.
- PCM CPLGS.
- PCS CPLGS.
- HIGH & MED. PRESS. HOSE
- MEGACRIMP® CPLGS.
- PC CPLGS.
- FIELD ATTACHABLE CPLGS.
- AIR BRAKE HOSE & CPLGS.
- MEGATECH® C5 HOSE & CPLGS.
- LOW PRESS. HOSE & CPLGS.
- C14 HOSE & CPLGS.
- POLARSEAL® HOSE & CPLGS.
- PWR. STG. HOSE & CPLGS.
- THERMO-PLASTIC HOSE & CPLGS.
- ADAPTERS
- QUICK DISCONNECT CPLGS.
- ACCESSORIES & ASSORTMENTS
- PART NUMBER INDEXES



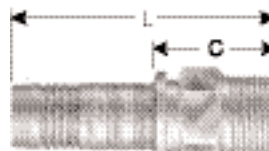


## Male Pipe (NPTF – 30° Cone Seat)

**WARNING:** Use only in NPTF connections. Do not use in oil field (API) connections. Blow apart of an oil field connection can result in serious injury or death.



NPTF Solid Male (MP)

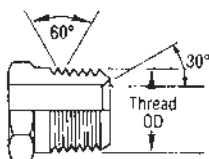


H1

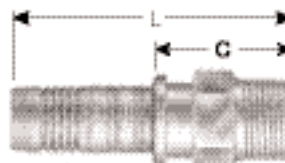
Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCM-24MP	83314	7343-00075	1-1/2	38.1	1-1/2-11-1/2	2	5.76	146.3	2.23	56.6
32PCM-32MP	83315	7343-00095	2	50.8	2-11-1/2	2-1/2	6.21	157.7	2.38	60.5

## Male Pipe for API Unions

**WARNING:** Use only in API oil field connections. Do not use in NPTF connections.



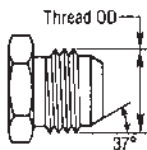
NPTF Solid Male (MP)



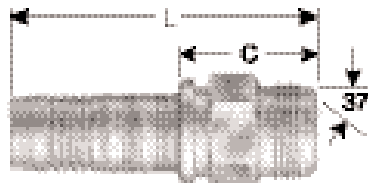
H1

Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCM-24MPAPI	83041	7343-03075	1 1/2	38.1	1 1/2-11 1/2	2	5.76	146.3	2.23	56.6
32PCM-32MPAPI	83044	7343-03055	2	50.8	2-11-1/2	2-1/2	8.09	205.5	2.06	52.3

## Male JIC 37° Flare



JIC 37° Male (MJ)



H1

Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCM-24MJ	83324	7343-00315	1-1/2	31.8	1-7/8-12	2	5.84	148.3	2.32	58.9
32PCM-32MJ	83275	7343-00325	2	50.8	2-1/2-12	2-5/8	6.56	166.6	2.74	69.6

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

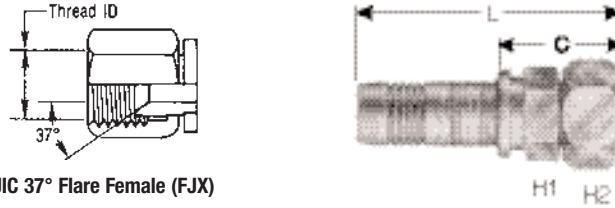
PART NUMBER INDEXES



# Power Crimp® PCM Couplings

EQUIPMENT  
HOSE/CPLG. SELECTION  
TECH. DATA  
EXT. & VERY HIGH PRESS. HOSE  
GS CPLGS.  
PCM CPLGS.  
PCS CPLGS.  
HIGH & MED. PRESS. HOSE  
MEGACRIMP® CPLGS.  
PC CPLGS.  
FIELD ATTACHABLE CPLGS.  
AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.  
LOW PRESS. HOSE & CPLGS.  
C14 HOSE & CPLGS.  
POLARSEAL® HOSE & CPLGS.  
PWR. STG. HOSE & CPLGS.  
THERMO-PLASTIC HOSE & CPLGS.  
ADAPTERS  
QUICK DISCONNECT CPLGS.  
ACCESSORIES & ASSORTMENTS  
PART NUMBER INDEXES

## Female JIC 37° Flare Swivel

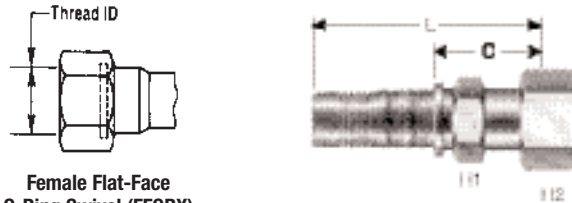


JIC 37° Flare Female (FJX)

Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCM-24FJX	83328	7343-00545	1-1/2	38.1	1-7/8-12	1-13/16	2-3/8	6.25	158.8	2.72	69.1
32PCM-32FJX	83329	7343-00685	2	50.8	2-1/2-12	2-1/2	3	7.00	177.8	3.14	79.8

## Female Flat-Face Swivel

SAE J1453 O-Ring Face Seal

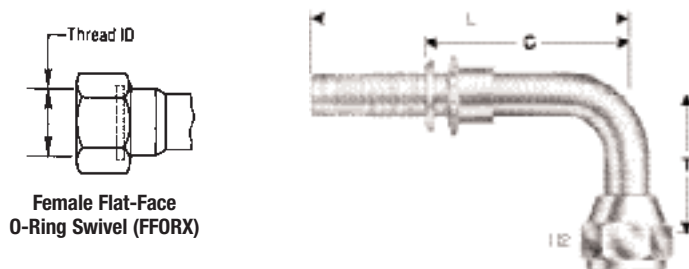


Female Flat-Face O-Ring Swivel (FFORX)

Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCM-24FFORX	83042	7343-02885	1-1/2	38.1	2-12	2	2-1/42	5.99	152.1	2.46	62.5

## Female Flat-Face Swivel – 90° Bent Tube

SAE J1453 O-Ring Face Seal



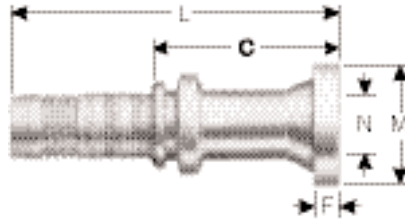
Female Flat-Face O-Ring Swivel (FFORX)

Descr	#		⊕		🌀	H2	T	L		C		
			"	mm		"	"	mm	"	mm	"	mm
24PCM-24FFORX90M	83052	7343-00205	1-1/2	38.1	2-12	2-1/4	3.41	86.6	8.48	215.4	3.69	93.7



## Code 61 O-Ring Flange

Maximum Working Pressure 3,000 psi

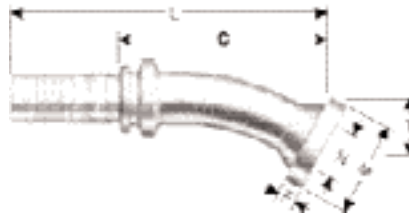


Descr	#		⊕		N		M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"
24PCM-24FL	83338	7343-01895	1-1/2	38.1	1-1/2	2.38	60.5	7.15	181.6	3.52	89.4	0.32	8.0	
24PCM-32FL	83254	7343-01935	1-1/2	38.1	2	2.81	71.4	7.15	181.6	3.62	91.9	0.38	9.5	
32PCM-32FL	83339	7343-01955	2	50.8	2	2.81	71.4	8.00	203.2	4.18	106.2	0.38	9.5	

\*N = flange size

## Code 61 O-Ring Flange – 30° Bent Tube

Maximum Working Pressure 3,000 psi

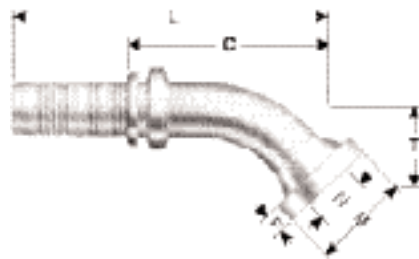


Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	
24PCM-24FL30	83409	7343-00985	1-1/2	38.1	1-1/2	2.38	60.5	1.11	28.2	8.87	225.3	5.34	135.6	0.32	8.0	

\*N = flange size

## Code 61 O-Ring Flange – 45° Bent Tube

Maximum Working Pressure 3,000 psi



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	
24PCM-24FL45	83416	7343-01365	1-1/2	38.1	1-1/2	2.38	60.5	1.77	45.0	8.52	216.4	5.00	127.0	0.32	8.0	
24PCM-32FL45	83468	7343-01385	1-1/2	38.1	2	2.81	71.4	1.77	45.0	8.52	216.4	5.00	127.0	0.38	9.5	
32PCM-32FL45	83417	7343-01405	2	50.8	2	2.81	71.4	2.51	63.8	9.96	253.0	6.14	156.0	0.38	9.5	

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

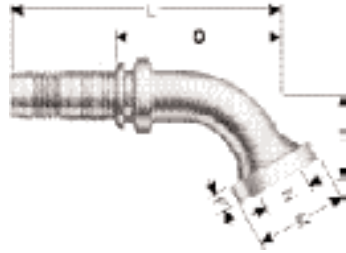
PART NUMBER INDEXES



# Power Crimp® PCM Couplings

## Code 61 O-Ring Flange – 60° Bent Tube

Maximum Working Pressure 3,000 psi

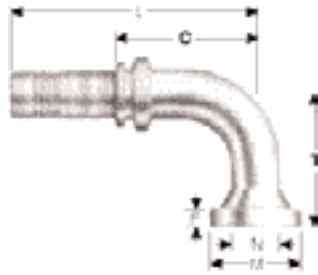


Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FL60	83423	7343-01575	1-1/2	38.1	1-1/2	2.38	60.5	2.48	63.0	9.40	238.8	5.87	149.1	0.32	8.0	

\*N = flange size

## Code 61 O-Ring Flange – 90° Bent Tube

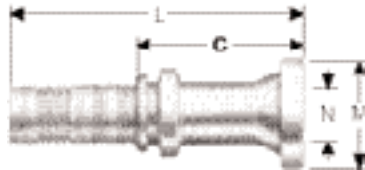
Maximum Working Pressure 3,000 psi



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FL90	83413	7343-01145	1-1/2	38.1	1-1/2	2.38	60.5	3.68	93.5	7.84	199.1	4.31	109.5	0.32	8.0	
32PCM-32FL90	83414	7343-01195	2	50.8	2	2.81	71.4	5.12	130.1	9.07	199.1	5.24	133.1	0.38	9.5	

\*N = flange size

## Code 62 O-Ring Flange Heavy



Descr	#		⊕		N		M		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLH	83347	7343-01905	1-1/2	38.1	1-1/2	2.50	63.5	7.15	181.6	3.65	92.7	0.50	12.6	
24PCM-32FLH	83348	7343-01925	1-1/2	38.1	2	3.13	79.5	7.70	195.6	4.17	105.9	0.50	12.6	
32PCM-32FLH	83047	7343-08295	2	50.8	2	3.13	79.5	8.93	226.8	5.11	129.8	0.50	12.6	

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

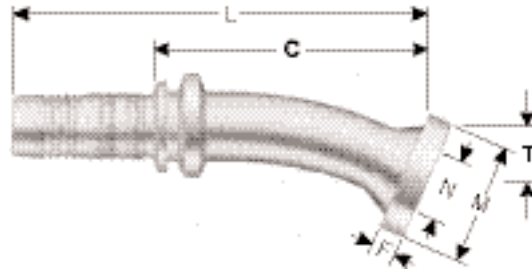
ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

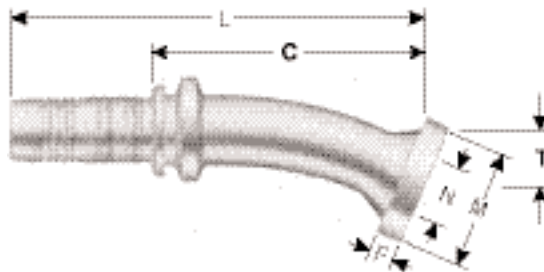
## Code 62 O-Ring Flange Heavy – 20° Bent Tube



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLH20	83043	7343-03035	1-1/2	38.1	1-1/2	2.50	63.5	0.96	24.4	10.39	263.9	6.86	174.2	0.50	12.6	

\*N = flange size

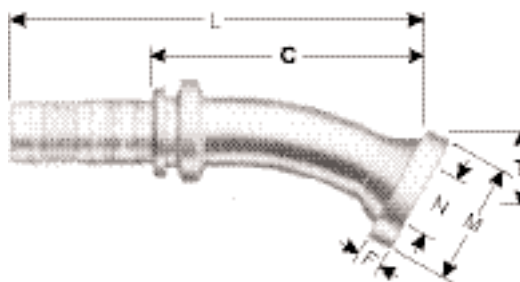
## Code 62 O-Ring Flange Heavy – 22 1/2° Bent Tube



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLH22	83384	7343-01625	1-1/2	38.1	1-1/2	2.50	63.5	0.80	20.3	8.98	228.1	5.45	138.4	0.50	12.6	

\*N = flange size

## Code 62 O-Ring Flange Heavy – 30° Bent Tube



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLH30	83380	7343-00975	1-1/2	38.1	1-1/2	2.50	63.5	1.11	28.2	8.87	225.3	5.34	135.6	0.50	12.6	
32PCM-32FLH30	83381	7343-01005	2	50.8	2	3.13	79.5	1.57	39.9	10.45	265.4	6.63	168.4	0.50	12.6	

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

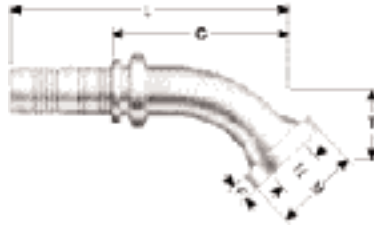
PART NUMBER INDEXES



# Power Crimp® PCM Couplings

EQUIPMENT  
HOSE/CPLG. SELECTION  
TECH. DATA  
EXT. & VERY HIGH PRESS. HOSE  
GS CPLGS.  
PCM CPLGS.  
PCS CPLGS.  
HIGH & MED. PRESS. HOSE  
MEGACRIMP® CPLGS.  
PC CPLGS.  
FIELD ATTACHABLE CPLGS.  
AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.  
LOW PRESS. HOSE & CPLGS.  
C14 HOSE & CPLGS.  
POLARSEAL® HOSE & CPLGS.  
PWR. STG. HOSE & CPLGS.  
THERMO-PLASTIC HOSE & CPLGS.  
ADAPTERS  
QUICK DISCONNECT CPLGS.  
ACCESSORIES & ASSORT-MENTS  
PART NUMBER INDEXES

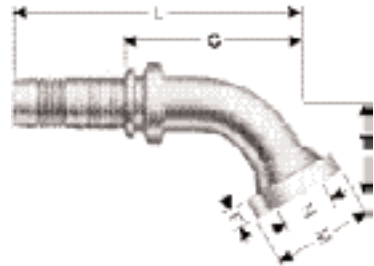
## Code 62 O-Ring Flange Heavy – 45° Bent Tube



Descr	#		⊕		N		M		T		L		G		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	
24PCM-24FLH45	83395	7343-01375	1-1/2	38.1	1-1/2	2.50	63.5	1.77	45.0	8.52	216.4	5.00	127.0	0.50	12.6	
24PCM-32FLH45	83596	7343-02625	1-1/2	38.1	2	3.13	79.5	2.51	63.8	9.26	235.2	5.73	145.5	0.50	12.6	
32PCM-32FLH45	83396	7343-01395	2	50.8	2	3.13	79.5	2.51	63.8	9.96	253.0	6.14	156.0	0.50	12.6	

\*N = flange size

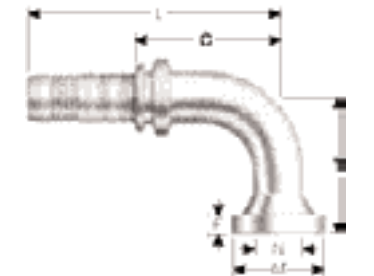
## Code 62 O-Ring Flange Heavy – 60° Bent Tube



Descr	#		⊕		N		M		T		L		G		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	
24PCM-24FLH60	83390	7343-01565	1-1/2	38.1	1-1/2	2.50	63.5	2.48	63.0	9.40	238.8	5.88	149.4	0.50	12.6	
32PCM-32FLH60	83391	7343-01585	2	50.8	2	3.13	79.5	3.43	87.1	11.24	285.5	7.42	188.5	0.50	12.6	

\*N = flange size

## Code 62 O-Ring Flange Heavy – 90° Bent Tube



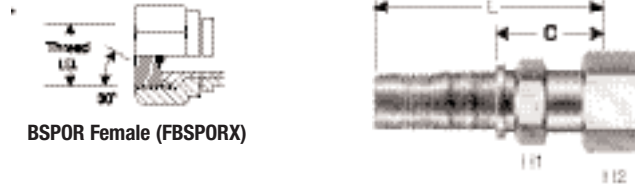
Descr	#		⊕		N		M		T		L		G		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	
24PCM-24FLH90M	83375	7343-01155	1-1/2	38.1	1-1/2	2.50	63.5	3.68	93.5	7.84	199.1	4.31	109.5	0.50	12.6	
24PCM-32FLH90M	83424	7343-01165	1-1/2	38.1	2	3.13	79.5	4.00	101.6	7.84	199.1	4.31	109.5	0.50	12.6	
32PCM-32FLH90M	83376	7343-01205	2	50.8	2	3.13	79.5	5.12	130.0	9.07	230.4	5.24	133.1	0.50	12.6	
32PCM-32FLH90L	83184	7343-00865	2	50.8	2	3.13	79.5	6.25	158.8	10.98	278.9	7.15	181.6	0.50	12.6	

\*N = flange size





## International Thread – BSPP Swivel Female with O-Ring



BSPOR Female (FBSPORX)

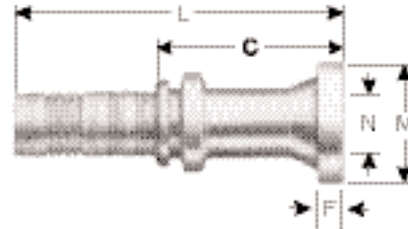
Descr	#		↔		N	H1	H2	L		C	
			"	mm				"	mm	"	mm
32PCM-32FBSPORX	83148	7343-09075	2	50.8	2	2 1/2	3	6.63	168.4	3.08	78.2

## Caterpillar Style O-Ring Flange

See Accessories for O-Rings.

L Drops per ISO Final Draft International Standard 12151-3.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



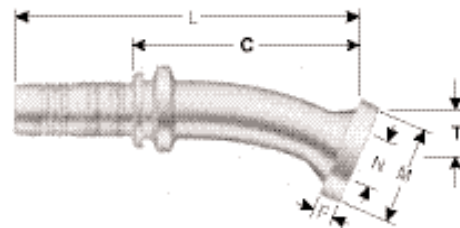
Descr	#		↔		N	M		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm
24PCM-24FLC	83434	7343-03445	1-1/2	38.1	1-1/2	2.50	63.5	7.15	181.6	3.57	90.7	0.56	14.2
24PCM-24FLCL	83045	7343-03465	1-1/2	38.1	1-1/2	2.50	63.5	9.00	228.6	5.47	138.9	0.56	14.2
32PCM-32FLC	83435	7343-03455	2	50.8	2	3.13	79.5	8.00	203.2	3.95	100.3	0.56	14.2

\*N = flange size

## Caterpillar Style O-Ring Flange - 22 1/2° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr	#		↔		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLC22	83584	7343-00485	1-1/2	38.1	1-1/2	2.50	63.5	0.67	17.0	9.00	228.6	5.48	139.2	0.56	14.2

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# Power Crimp® PCM Couplings

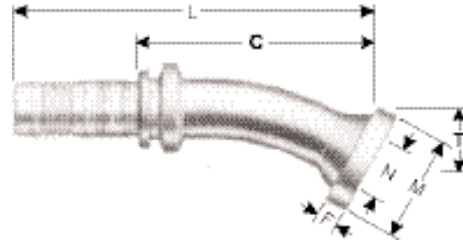


EQUIPMENT  
HOSE/CPLG. SELECTION  
TECH. DATA  
EXT. & VERY HIGH PRESS. HOSE  
GS CPLGS.  
PCM CPLGS.  
PCS CPLGS.  
HIGH & MED. PRESS. HOSE  
MEGACRIMP® CPLGS.  
PC CPLGS.  
FIELD ATTACHABLE CPLGS.  
AIR BRAKE HOSE & CPLGS.  
MEGATECH® C5 HOSE & CPLGS.  
LOW PRESS. HOSE & CPLGS.  
C14 HOSE & CPLGS.  
POLARSEAL® HOSE & CPLGS.  
PWR. STG. HOSE & CPLGS.  
THERMO-PLASTIC HOSE & CPLGS.  
ADAPTERS  
QUICK DISCONNECT CPLGS.  
ACCESSORIES & ASSORTMENTS  
PART NUMBER INDEXES

## Caterpillar Style O-Ring Flange - 30° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



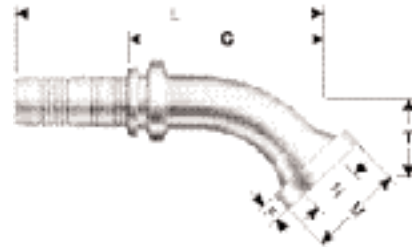
Descr	#		⊕		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
24PCM-24FLC30	83575	7343-02035	1-1/2	38.1	1-1/2	2.50	63.5	0.92	23.4	8.92	226.6	5.39	136.9	0.56	14.2

\*N = flange size

## Caterpillar Style O-Ring Flange - 45° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



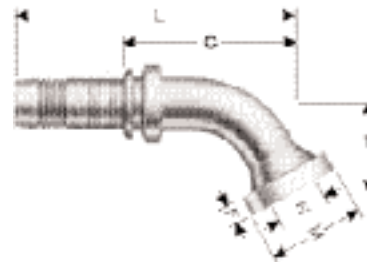
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			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
24PCM-24FLC45	83464	7343-03745	1-1/2	38.1	1-1/2	2.50	63.5	1.54	39.1	8.63	219.2	5.10	129.5	0.56	14.2
32PCM-32FLC45	83465	7343-03755	2	50.8	2	3.13	79.5	2.51	63.8	9.96	253.0	6.14	156.0	0.56	14.2

\*N = flange size

## Caterpillar Style O-Ring Flange - 60° Bent Tube

See Accessories for O-Rings.

NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr	#		⊕		N	M		T		L		C		F	
			"	mm		"	"	mm	"	mm	"	mm	"	mm	"
24PCM-24FLC60	83474	7343-03845	1-1/2	38.1	1-1/2	2.50	63.5	2.15	54.6	9.58	243.3	6.06	153.9	0.56	14.2
32PCM-32FLC60	83046	7343-03795	2	50.8	2	3.13	79.5	3.25	82.6	11.36	288.5	7.54	191.5	0.56	14.2

\*N = flange size

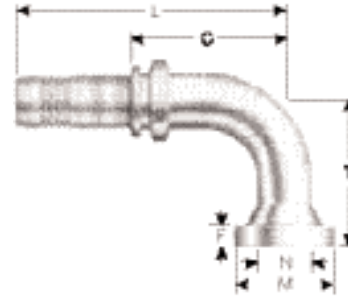




## Caterpillar Style O-Ring Flange - 90° Bent Tube

See Accessories for O-Rings.

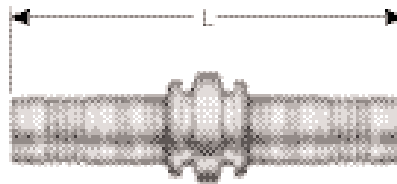
NOTE: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".



Descr	#		⊕		N		M		T		L		G		F	
			"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm
24PCM-24FLC90	83484	7343-03945	1-1/2	38.1	1-1/2	2.50	63.5	3.41	86.6	8.10	205.7	4.58	116.3	0.56	14.2	
32PCM-32FLC90	83485	7343-03955	2	50.8	2	3.13	79.5	5.12	130.1	9.07	230.4	5.24	133.1	0.56	14.2	

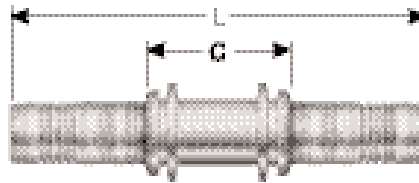
\*N = flange size

## Hose Length Extender



Descr	#		⊕		L	
			"	mm	"	mm
24PCM-24HLE	83562	7343-07835	1-1/2	38.1	8.37	212.6
32PCM-32HLE	83489	7343-07815	2	50.8	9.02	229.1

## Hose Length Extender For Caterpillar With Clamping Area



Descr	#		⊕		L		C	
			"	mm	"	mm	"	mm
24PCM-24HLEC	83062	7343-07735	1-1/2	38.1	9.96	253.0	2.91	73.9

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# Power Crimp® PCM Couplings

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. &amp; VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH &amp; MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE &amp; CPLGS.

MEGATECH® C5 HOSE &amp; CPLGS.

LOW PRESS. HOSE &amp; CPLGS.

C14 HOSE &amp; CPLGS.

POLARSEAL® HOSE &amp; CPLGS.

PWR. STG. HOSE &amp; CPLGS.

THERMO-PLASTIC HOSE &amp; CPLGS.

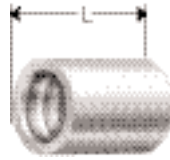
ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES &amp; ASSORTMENTS

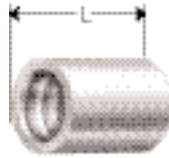
PART NUMBER INDEXES

## PCM Skive Ferrules



Descr	#		L		Ø	
			"	mm	"	mm
10PCM-2F	83419	7343-02605	1.81	46.0	1.41	35.8
12PCM-2F	83404	7343-02515	2.05	52.1	1.74	44.2
16PCM-2F	83400	7343-02525	2.28	57.9	1.70	43.2
20PCM-2F	83405	7343-02565	2.84	72.1	2.15	54.6
24PCM-2F	83402	7343-02545	3.50	88.9	2.44	62.1
32PCM-2F	83403	7343-02575	3.68	93.5	3.00	76.2

## PCM-G6K Ferrules

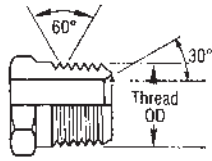


Descr	#		L		Ø	
			"	mm	"	mm
24PCM-G6K	83150	7343-09805	3.53	89.7	2.77	70.4

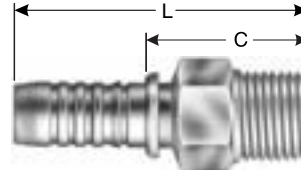


## Male Pipe (NPTF – 30° Cone Seat)

**WARNING:** Use only in NPTF connections. Do not use in oil field (API) connections. Blow apart of an oil field connection can result in serious injury or death.



NPTF Solid Male (MP)

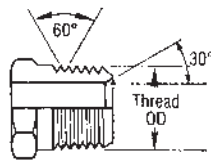


H1

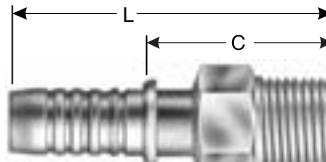
Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCS-24MP	81410	7342-00045	1-1/2	38.1	1-1/2-11-1/2	2	5.14	130.6	2.34	59.4
32PCS-32MP	81411	7342-00055	2	50.8	2-11-1/2	2-1/2	5.87	149.1	2.33	59.2

## Male Pipe for API Unions

**WARNING:** Use only in API oil field connections. Do not use in NPTF connections.



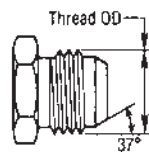
NPTF Solid Male (MP)



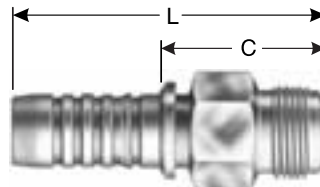
H1

Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCS-24MPAPI	81259	7342-03885	1 1/2	38.1	1-1/2 – 11-1/2	2	5.45	138.4	2.65	67.3
32PCS-32MPAPI	81305	7342-03895	2	50.8	2-11-1/2	2 1/2	7.72	196.1	4.18	106.2

## Male JIC 37° Flare



JIC 37° Male (MJ)



H1

Descr	#		⊕		🌀	H1			C	
			"	mm		"	"	mm	"	mm
24PCS-20MJ	81426	7342-03065	1-1/2	38.1	1-5/8-12	2	4.92	125.0	2.12	53.8
24PCS-24MJ	81409	7342-03105	1-1/2	38.1	1-7/8-12	2	5.04	128.0	2.24	56.9
32PCS-32MJ	81437	7342-03095	2	50.8	2-1/2-12	2-5/8	6.14	156.0	2.59	65.8

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# Power Crimp® PCS Couplings

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

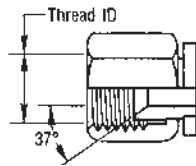
ADAPTERS

QUICK DISCONNECT CPLGS.

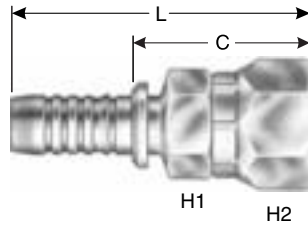
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Female JIC 37° Flare Swivel

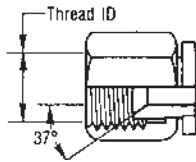


JIC 37° Flare Female (FJX)

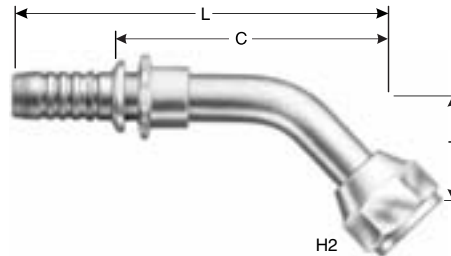


Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCS-24FJX	81440	7342-02055	1-1/2	38.1	1-7/8-12	1-13/16	2-3/8	5.43	137.9	2.63	66.8
24PCS-32FJX	81439	7342-02155	1-1/2	38.1	2-1/2-12	2-1/2	3	5.79	147.1	2.99	75.9
32PCS-32FJX	81442	7342-02095	2	50.8	2-1/2-12	2-1/2	3	6.60	167.6	3.06	77.7

## Female JIC 37° Flare Swivel – 45° Bent Tube

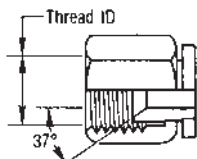


JIC 37° Flare Female (FJX)

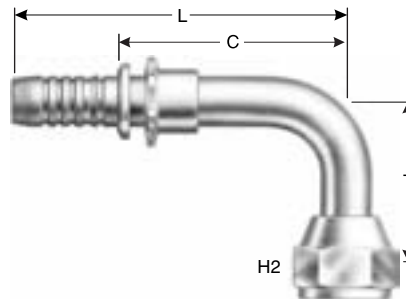


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24PCS-24FJX45M	81307	7342-00455	1-1/2	38.1	1-7/8-12	2-3/8	2.00	50.8	9.02	229.1	6.22	158.0

## Female JIC 37° Flare Swivel – 90° Bent Tube



JIC 37° Flare Female (FJX)



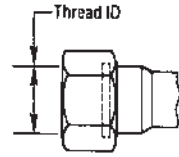
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			"	mm		"	"	mm	"	mm	"	mm
24PCS-24FJX90	81257	7342-04035	1-1/2	38.1	1-7/8-12	2-3/8	3.50	88.9	8.17	207.5	5.37	136.4



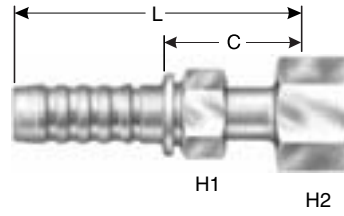


## Female Flat-Face Swivel

SAE J1453 O-Ring Face Seal



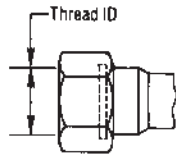
Female Flat-Face O-Ring Swivel (FFORX)



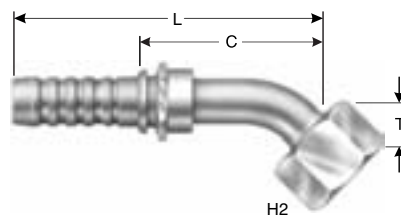
Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCS-24FFORX	81034	7342-01405	1-1/2	38.1	2-12	2	2-1/4	5.17	131.3	2.37	60.2

## Female Flat-Face Swivel – 45° Bent Tube

SAE J1453 O-Ring Face Seal



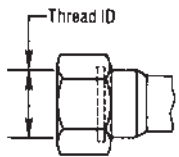
Female Flat-Face O-Ring Swivel (FFORX)



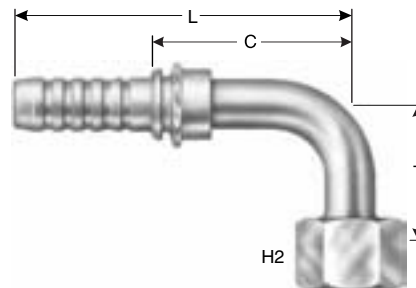
Descr	#		⊕		🌀	H2	T	L		C		
			"	mm		"	"	"	mm	"	mm	
24PCS-24FFORX45	81056	7342-01415	1-1/2	38.1	2-12	2-1/4	1.07	27.2	7.54	191.5	4.74	120.4

## Female Flat-Face Swivel – 90° Bent Tube

SAE J1453 O-Ring Face Seal



Female Flat-Face O-Ring Swivel (FFORX)



Descr	#		⊕		🌀	H2	T	L		C		
			"	mm		"	"	"	mm	"	mm	
24PCS-24FFORX90S	81066	7342-01425	1-1/2	38.1	2-12	2-1/4	2.70	68.6	7.61	193.3	4.81	122.2
24PCS-24FFORX90M	81074	7342-01435	1-1/2	38.1	2-12	2-1/4	3.41	86.6	7.61	193.3	4.81	122.2
24PCS-24FFORX90L	81084	7342-01445	1-1/2	38.1	2-12	2-1/4	5.54	140.7	7.61	193.3	4.81	122.2

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# Power Crimp® PCS Couplings

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

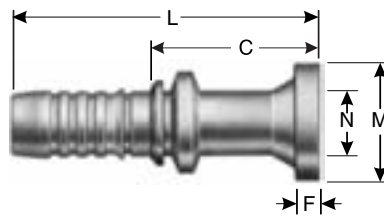
QUICK DISCONNECT CPLGS.

ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES

## Code 61 O-Ring Flange

Maximum Working Pressure 3,000 psi.

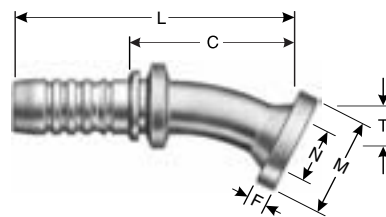


Descr	#		⊖		N	M		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm
24PCS-20FL	81441	7342-05095	1-1/2	38.1	1-1/4	2.00	50.8	5.72	145.3	2.92	74.2	0.32	8.0
24PCS-24FL	81463	7342-05065	1-1/2	38.1	1-1/2	2.38	60.5	5.79	147.1	2.99	75.9	0.32	8.0
24PCS-32FL	81464	7342-05075	1-1/2	38.1	2	2.81	71.4	5.79	147.1	2.99	75.9	0.38	9.5
32PCS-24FL	81466	7342-05125	2	50.8	1-1/2	2.38	60.5	6.53	166.0	2.99	75.9	0.32	8.0
32PCS-32FL	81465	7342-05085	2	50.8	2	2.81	71.4	6.08	154.4	2.54	64.5	0.38	9.5

\*N = flange size

## Code 61 O-Ring Flange – 22½° Bent Tube

Maximum Working Pressure 3,000 psi.

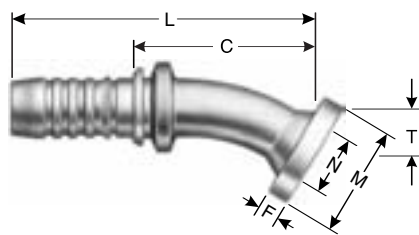


Descr	#		⊖		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
24PCS-20FL22	81476	7342-05345	1-1/2	38.1	1-1/4	2.00	50.8	0.50	12.7	5.96	151.4	3.16	80.3	0.32	8.1
24PCS-24FL22	81474	7342-05315	1-1/2	38.1	1-1/2	2.38	60.5	0.63	16.0	6.28	159.5	3.48	88.4	0.32	8.1
24PCS-32FL22	81317	7342-05365	1-1/2	38.1	2	2.81	71.4	0.63	16.0	6.28	159.5	3.48	88.4	0.38	9.7
32PCS-32FL22	81475	7342-05325	2	50.8	2	2.81	71.4	0.88	22.4	8.00	203.2	4.46	113.3	0.38	9.7

\*N = flange size

## Code 61 O-Ring Flange – 30° Bent Tube

Maximum Working Pressure 3,000 psi.

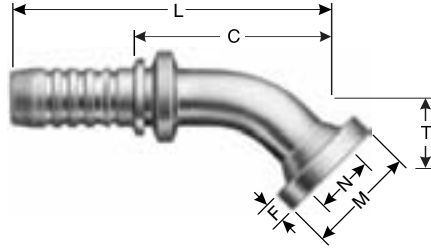


Descr	#		⊖		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
24PCS-24FL30	81484	7342-05565	1-1/2	38.1	1-1/2	2.38	60.5	0.88	22.4	6.50	165.1	3.70	94.0	0.32	8.0
24PCS-32FL30	81318	7342-05605	1-1/2	38.1	2	2.81	71.4	0.88	22.4	6.50	165.1	3.70	94.0	0.38	9.5
32PCS-32FL30	81485	7342-05575	2	50.8	2	2.81	71.4	1.25	31.8	8.23	209.0	4.68	118.9	0.38	9.5

\*N = flange size

## Code 61 O-Ring Flange – 45° Bent Tube

Maximum Working Pressure 3,000 psi.

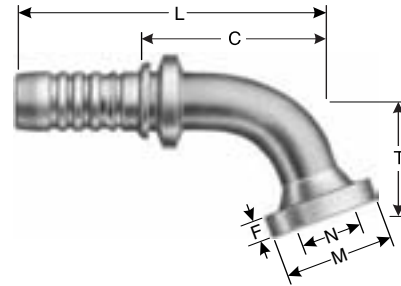


Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
24PCS-20FL45	81498	7342-05855	1-1/2	38.1	1-1/4	2.00	50.8	1.27	32.3	6.51	165.4	3.71	94.2	0.32	8.0	
24PCS-24FL45	81495	7342-05815	1-1/2	38.1	1-1/2	2.38	60.5	1.44	36.6	7.03	178.6	4.23	107.4	0.32	8.0	
24PCS-32FL45	81496	7342-05825	1-1/2	38.1	2	2.81	71.4	1.44	36.6	7.03	178.6	4.23	107.4	0.38	9.5	
32PCS-24FL45	81499	7342-05865	2	50.8	1-1/2	2.38	60.5	1.44	36.6	7.77	197.4	4.23	107.4	0.32	8.0	
32PCS-32FL45	81497	7342-05835	2	50.8	2	2.81	71.4	2.00	50.8	9.33	237.0	5.79	147.1	0.38	9.5	

\*N = flange size

## Code 61 O-Ring Flange – 60° Bent Tube

Maximum Working Pressure 3,000 psi.

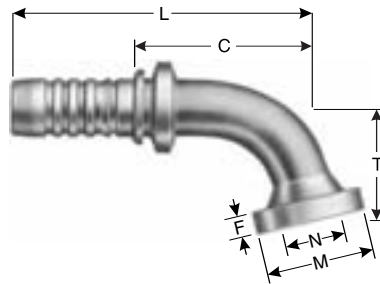


Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
24PCS-24FL60	81508	7342-10995	1-1/2	38.1	1-1/2	2.38	60.5	2.00	50.8	6.73	170.9	3.93	99.8	0.32	8.0	
24PCS-32FL60	81509	7342-06075	1-1/2	38.1	2	2.81	71.4	2.00	50.8	6.73	170.9	3.93	99.8	0.38	9.5	
32PCS-32FL60	81510	7342-06085	2	50.8	2	2.81	71.4	2.88	73.2	9.02	229.1	5.48	139.2	0.38	9.5	

\*N = flange size

## Code 61 O-Ring Flange – 67 1/2° Bent Tube

Maximum Working Pressure 3,000 psi.



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
24PCS-16FL67	81523	7342-06345	1-1/2	38.1	1	1.75	44.5	1.75	44.5	5.93	150.6	3.13	79.5	0.32	8.0	
24PCS-24FL67	81520	7342-10965	1-1/2	38.1	1-1/2	2.38	60.5	2.00	50.8	6.69	169.9	3.89	98.8	0.32	8.0	
24PCS-32FL67	81521	7342-06325	1-1/2	38.1	2	2.81	71.4	2.00	50.8	6.69	169.9	3.89	98.8	0.38	9.5	
32PCS-32FL67	81522	7342-06335	2	50.8	2	2.81	71.4	3.25	82.6	9.00	228.6	5.46	138.7	0.38	9.5	

\*N = flange size

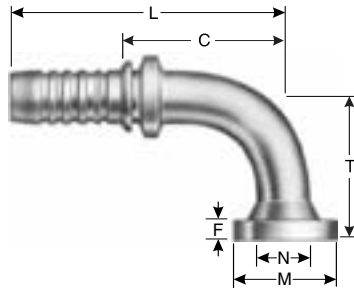


EQUIPMENT
HOSE/CPLG. SELECTION
TECH. DATA
EXT. & VERY HIGH PRESS. HOSE
GS CPLGS.
PCM CPLGS.
PCS CPLGS.
HIGH & MED. PRESS. HOSE
MEGACRIMP® CPLGS.
PC CPLGS.
FIELD ATTACHABLE CPLGS.
AIR BRAKE HOSE & CPLGS.
MEGATECH® C5 HOSE & CPLGS.
LOW PRESS. HOSE & CPLGS.
C14 HOSE & CPLGS.
POLARSEAL® HOSE & CPLGS.
PWR. STG. HOSE & CPLGS.
THERMO-PLASTIC HOSE & CPLGS.
ADAPTERS
QUICK DISCONNECT CPLGS.
ACCESSORIES & ASSORTMENTS
PART NUMBER INDEXES

# Power Crimp® PCS Couplings

## Code 61 O-Ring Flange – 90° Bent Tube

Maximum Working Pressure 3,000 psi.

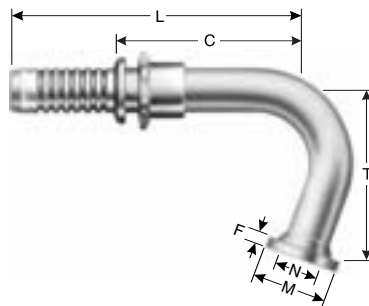


Descr	#		↻		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
24PCS-20FL90	81535	7342-06705	1 1/2	38.1	1 1/4	2	50.8	2.81	71.4	6.26	159	3.46	87.9	0.32	8.0
24PCS-24FL90	81532	7342-06565	1 1/2	38.1	1 1/2	2.38	60.5	3.12	79.2	6.67	169.4	3.88	98.6	0.32	8.0
24PCS-24FL90M	81284	7342-07325	1 1/2	38.1	1 1/2	2.38	60.5	4	101.6	6.69	169.9	3.89	98.8	0.32	8.0
24PCS-24FL90L	81327	7342-06385	1 1/2	38.1	1 1/2	2.38	60.5	5.81	147.6	6.67	169.4	3.88	98.6	0.32	8.0
24PCS-32FL90	81533	7342-06575	1 1/2	38.1	2	2.81	71.4	3.12	79.2	6.67	169.4	3.88	98.6	0.38	9.5
24PCS-32FL90M	81328	7342-07265	1 1/2	38.1	2	2.81	71.4	4.5	114.3	6.67	169.4	3.87	98.3	0.38	9.5
24PCS-32FL90L	81329	7342-07255	1 1/2	38.1	2	2.81	71.4	6.75	171.5	6.67	169.4	3.87	98.3	0.38	9.5
32PCS-24FL90	81536	7342-06715	2	50.8	1 1/2	2.38	60.5	3.12	79.2	7.42	188.5	3.88	98.6	0.32	8.0
32PCS-32FL90	81534	7342-06585	2	50.8	2	2.81	71.4	4.5	114.3	8.52	216.4	4.98	126.5	0.38	9.5
32PCS-32FL90M	81337	7342-10165	2	50.8	2	2.81	71.4	6.5	114.3	9.5	241.3	5.95	151.3	0.38	9.5
32PCS-32FL90L	81338	7342-07275	2	50.8	2	2.81	71.4	8	203.2	8.52	216.4	4.98	126.5	0.38	9.5
32PCS-40FL90	83034	7342-06615	2	50.8	2 1/2	3.31	84.1	4.38	111.3	8.52	216.4	4.98	126.5	0.38	9.5

\*N = flange size

## Code 61 O-Ring Flange – 110° Bent Tube

Maximum Working Pressure 3,000 psi.



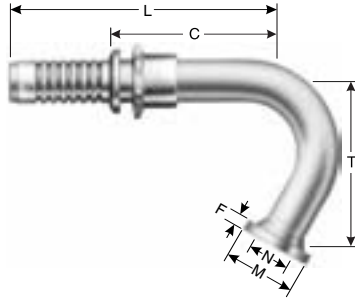
Descr	#		↻		N	M		T		L		C		F	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
24PCS-24FL110	81548	7342-06985	1-1/2	38.1	1-1/2	2.38	60.5	3.69	93.7	7.67	194.8	4.87	123.7	0.32	8.0
32PCS-32FL110	81549	7342-06995	2	50.8	2	2.81	71.4	5.53	140.5	9.81	249.2	6.27	159.3	0.38	9.5

\*N = flange size



## Code 61 O-Ring Flange – 120° Bent Tube

Maximum Working Pressure 3,000 psi.

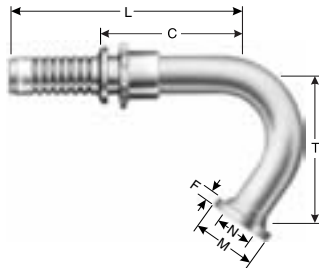


Descr	#		⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
24PCS-24FL120	81339	7342-07335	1-1/2	38.1	1-1/2	2.38	60.5	4.68	118.9	6.99	177.5	4.19	106.4	0.32	8.0

\*N = flange size

## Code 61 O-Ring Flange – 125° Bent Tube

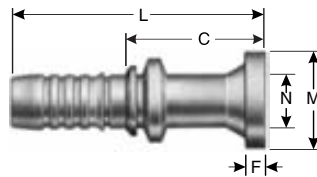
Maximum Working Pressure 3,000 psi.



Descr	#		⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
32PCS-32FL125	81340	7342-07295	2	50.8	2	2.81	71.4	5.82	147.8	8.15	207.0	4.61	117.1	0.38	9.5

\*N = flange size

## Code 61 Flange Flat-Face Without O-Ring Groove



Descr	#		⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
24PCS-24FLFF	81263	7342-05375	1-1/2	38.1	1-1/2	2.38	60.5	5.79	147.1	2.99	75.9	0.32	8.0

\*N = flange size

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

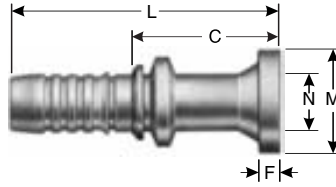
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



# Power Crimp® PCS Couplings

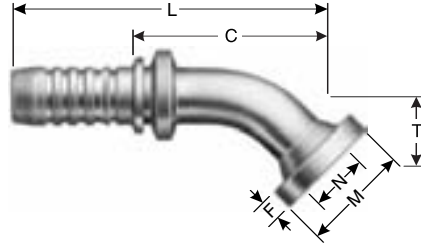
## Code 62 O-Ring Flange Heavy



Descr	#		⊕		N		M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"
24PCS-24FLH	81573	7342-10055	1-1/2	38.1	1-1/2	2.50	63.5	6.36	161.5	2.80	71.1	0.50	12.6	
24PCS-32FLH	81574	7342-10065	1-1/2	38.1	2	3.13	79.5	6.67	169.4	2.80	71.1	0.50	12.6	
32PCS-32FLH	81575	7342-10075	2	50.8	2	3.13	79.5	6.96	176.8	3.54	89.9	0.50	12.6	

\*N = flange size

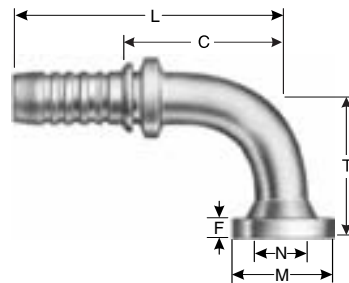
## Code 62 O-Ring Flange Heavy – 45° Bent Tube



Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
24PCS-24FLH45	81583	7342-10265	1-1/2	38.1	1-1/2	2.50	63.5	1.84	46.7	7.43	188.7	4.63	117.6	0.50	12.6	
24PCS-32FLH45	81584	7342-10275	1-1/2	38.1	2	3.13	79.5	2.06	52.3	7.65	194.3	4.85	123.2	0.50	12.6	
32PCS-32FLH45	81585	7342-10285	2	50.8	2	3.13	79.5	2.62	66.5	9.14	232.2	5.60	142.2	0.50	12.6	

\*N = flange size

## Code 62 O-Ring Flange Heavy – 90° Bent Tube



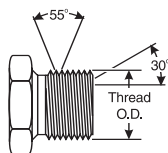
Descr	#		⊕		N		M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm	"
24PCS-24FLH90	81593	7342-10365	1-1/2	38.1	1-1/2	2.50	63.5	3.69	93.7	6.67	169.4	3.88	98.6	0.50	12.6	
24PCS-32FLH90	81594	7342-10375	1-1/2	38.1	2	3.13	79.5	4.00	101.6	6.67	169.4	3.88	98.6	0.50	12.6	
32PCS-32FLH90	81595	7342-10385	2	50.8	2	3.13	79.5	5.38	136.7	8.52	216.4	4.98	126.5	0.50	12.6	

\*N = flange size

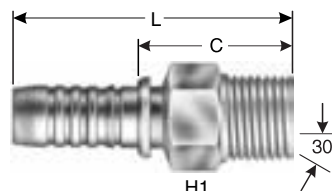




## Male British Standard Pipe Parallel



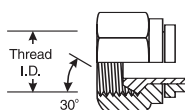
BSPP Male (MBSPP)



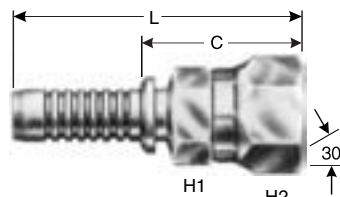
Descr	#		⊕		🌀	H1	L		C	
			"	mm		"	"	mm	"	mm
24PCS-24MBSPP	81335	7342-03205	1-1/2	38.1	1-1/2-11	2-1/8	4.74	120.4	1.94	49.3
32PCS-32MBSPP	81336	7342-03285	2	50.8	2-11	2-3/4	5.80	147.3	2.25	57.2

## Female British Standard Pipe Parallel Swivel

Does not include optional O-Ring groove and O-Ring in sealing face.



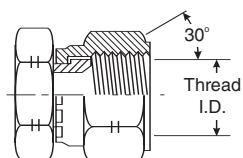
BSPP Female



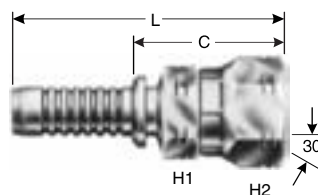
Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCS-24FBSPPX	81117	7342-02865	1-1/2	38.1	1-1/2-11	2	2-1/4	5.40	137.2	2.60	66.0
32PCS-32FBSPPX	81118	7342-02885	2	50.8	2-11	2-1/2	3	6.63	168.4	3.08	78.2

## Female Komatsu Style Japanese Metric Swivel

These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.



Female (FKX)



Descr	#		⊕		🌀	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCS-24FKX	80210	7342-01825	1-1/2	38.1	M42X1.5	2	2-3/8	5.63	143.0	2.83	71.9

EQUIPMENT

HOSE/CPLG. SELECTION

TECH. DATA

EXT. & VERY HIGH PRESS. HOSE

GS CPLGS.

PCM CPLGS.

PCS CPLGS.

HIGH & MED. PRESS. HOSE

MEGACRIMP® CPLGS.

PC CPLGS.

FIELD ATTACHABLE CPLGS.

AIR BRAKE HOSE & CPLGS.

MEGATECH® C5 HOSE & CPLGS.

LOW PRESS. HOSE & CPLGS.

C14 HOSE & CPLGS.

POLARSEAL® HOSE & CPLGS.

PWR. STG. HOSE & CPLGS.

THERMO-PLASTIC HOSE & CPLGS.

ADAPTERS

QUICK DISCONNECT CPLGS.

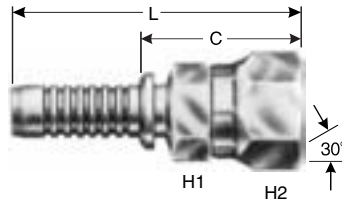
ACCESSORIES & ASSORTMENTS

PART NUMBER INDEXES



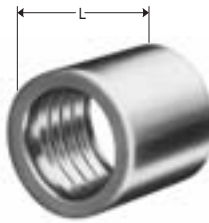
# Power Crimp® PCS Couplings

## International Thread – Japanese Industrial Std Female Swivel



Descr	#		⌀		Spring	H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
24PCS-24FJISX	80967	7342-03385	1 1/2	38.1	1 1/2-11	50.8	60.45	5.39	136.91	2.59	65.79
32PCS-32FJISX	80968	7342-03395	2	50.8	2-11	63.5	76.2	6.46	164.08	2.91	73.91

## PCS Non-Skive Ferrule



Descr	#		L		⌀	
			"	mm	"	mm
6PCS1F	81390	7342-07705	1.10	27.9	1.23	31.2
8PCS1F	81391	7342-07715	1.50	38.1	1.36	34.5
12PCS1F	81392	7342-07725	1.97	50.0	1.65	41.9
16PCS1F-M3K	81393	7342-07735	2.19	55.6	1.98	50.3
20PCS1F-M3K	81394	7342-07745	2.77	70.4	2.43	61.7
24PCS1F-G3K	81395	7342-07755	3.50	88.9	2.77	70.4
32PCS1F-G3K	81282	7342-07775	3.43	87.1	3.34	84.8

## PCS Skive Ferrule



Descr	#		L		⌀	
			"	mm	"	mm
6PCS-2F	83398	7342-02585	1.10	27.9	1.01	25.7
8PCS-2F	83399	7342-02595	1.50	38.1	1.21	30.7
12PCS-2F	80754	7342-07545	1.97	50.0	1.50	38.1
16PCS-2F	80755	7342-07555	2.07	52.6	1.97	50.0
20PCS-2F	80756	7342-07565	2.77	70.4	2.25	57.2
24PCS-2F	80757	7342-07575	2.77	70.4	2.54	64.5
32PCS-2F	80758	7342-07585	3.43	87.1	3.08	78.2