

Section 9

Hydraulic Components

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Note: See Section 8, Tools, for a list of hydraulic tools, including power crimps, dies, pushers, hose cutters, and swager tools.

Note: 1910.178(q)(5) (1998) of the Occupational Safety and Health Act (OSHA) requires that "All parts of any such industrial truck requiring replacement shall be replaced only by parts equivalent as to safety with those used in the original design."



Thermoplastic Hose

Medium Pressure (2000 - 3000 psi/138 - 207 bar)

I.D.	Vendor Number	Maximum Working Pressure	Bulk Part Numbers	250 ft roll
3/16	3160-03	3000	064101-062	064101-067
1/4	3160-04	3000	064101-063	064101-068
5/16	3160-05	2500	064101-064	064101-069
3/8	3160-06	2250	064101-065	064101-070
1/2	3160-08	2000	064101-066	064101-071

Constant Pressure (3000 psi/207 bar)

I.D.	Vendor Number	Maximum Working Pressure	Bulk Part Numbers	250 ft roll
5/8	3360-10	3000		320024

High Pressure (2000-5000 psi/138-354 bar)

I.D.	Vendor Number	Maximum Working Pressure	Bulk Part Numbers	250 ft roll
3/8	3R80-06	4000		320046

Constant Pressure (3000 psi/276 bar)

I.D.	Vendor Number	Maximum Working Pressure	Bulk Part Numbers	250 ft roll
1/4	30CT-04	3000	320045-005-01	320045-005
5/16	30CT-05	3000	320045-004-01	320045-004
3/8	30CT-06	3000	320045-001-01	320045-001
1/2	30CT-08	3000	320045-003-01	320045-003
5/8	30CT-10	3000	320045-002-01	320045-002

Thermoplastic Hose Cross Reference

Part Number (250 ft Roll)	Pressure Type	Furon*	Dayco Parker	Aeroquip	Eastman
064101-067	Medium	3160-03	55LT-3	FC372-03	NA
064101-068	Medium	3160-04	55LT-4	FC372-04	C204
064101-069	Medium	3160-05	55LT-5	FC372-05	C205
064101-070	Medium	3160-06	55LT-6	FC372-06	C206
064101-071	Medium	3160-08	55LT-8	NA	NA
064101-067	Medium	3160-03	540N-3	NA	NA
064101-068	Medium	3160-04	540N-4	NA	NA
064101-069	Medium	3160-05	540N-5	NA	NA
064101-070	Medium	3160-06	540N-6	NA	NA
064101-071	Medium	3160-08	540N-8	NA	NA
064101-067	Medium	3160-03	550H-3	NA	NA
064101-068	Medium	3160-04	550H-4	NA	NA
064101-069	Medium	3160-05	550H-5	NA	NA
064101-070	Medium	3160-06	550H-6	NA	NA
320024	**	3360-10	53LT-10	NA	NA
320046	High	3R80-06	520N-6	NA	NA
320045-001	Constant	30CT-06	55LT-06	30CT-06	NA
320045-002	Constant	30CT-10	55LT-10	30CT-10	NA
320045-003	Constant	30CT-08	55LT-08	30CT-08	NA
320024	**	3360-10	53DM-10	NA	NA

***Note:** Although all Furon hoses meet or exceed the pressure ratings of the competitors equivalent hose, not all are made from the same materials or construction nor were designed for the exact same applications.

****Note:** 3,000 psi constant

Steel Wire Braid Hose*

Medium Pressure** (2250 - 3500 psi/155 - 241 bar)

I.D.	Vendor Number	Maximum Working Pressure	Bulk Part Numbers	250 ft roll
3/8	3580-06	3250	320039-006-01	320039-006
1/2	3580-08	3000		320039-008

***Note:** Do not use 3580 hose in over sheave (pulley) applications.

****Note:** Steel wire reinforced medium pressure hose (meets or exceeds 100R1 & 100R7 performance specs).

Steel Wire Braid Hose Cross Reference

Part Number (250 ft Roll)	Pressure Type**	Furon*	Dayco Parker
320039-006 ***	Medium	3580-06	560-6
320039-008	Medium	3580-08	560-8

***Note:** Although all Furon hoses meet or exceed the pressure ratings of the competitors equivalent hose, not all are made from the same materials or construction nor were designed for the exact same applications.

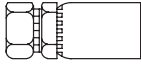
Do not use 3580 hose in over sheave (pulley) applications.

****Note:** Steel wire reinforced medium pressure hose (meets or exceeds 100R1 & 100R7 performance specs).

*****Note:** Dayco Parker 560-6 has 4,000 PSI, 16,000 burst pressure and Furon 3580-06 has 3,200 PSI, 13,000 burst pressure.

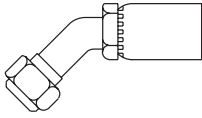
Note: See Section 8, Tools, for a list of hydraulic tools, including power crimps, dies, pushers, hose cutters, and swager tools.





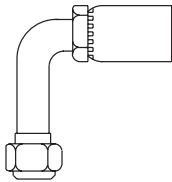
30° Inverted Flare NPSM

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	-4	1/4-18	90304-042400	3903-04244	320006	1-5/16



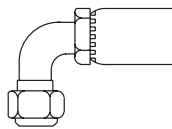
45° Bent Tube Female Swivel JIC 37 degree

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
5/16	-6	9/16-18	90305-065540	3903-05606	064227-001	1-5/8
3/8	-6	9/16-18	90306-065540	3903-06606	320027-002	1-11/16
3/8	-8	3/4-16	90308-085540	3903-06608	320027	1-7/8
1/2	-10	7/8-14	90308-105540	3903-08610	320027-003	1-5/16



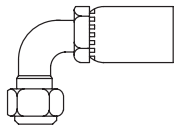
90° Long Bent Tube Female Swivel, JIC 37 degree

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	-4	7/16-20	90304-0455L0	3903-04844	320002	1-1/4
5/16	-6	9/16-18	90305-0655L0	3903-05846	064226-001	1-5/16
3/8	-6	9/16-18	90306-0655L0	3903-06846	064226-007	1-3/8
3/8	-8	3/4-16	90306-0855L0	3903-06848	064226-002	1-1/2
1/2	-8	3/4-16	90308-0855L0	3903-08848	320002-001	1-7/16
1/2	-10	7/8-14	90308-1055L0	3903-08850	320002-002	1-9/16



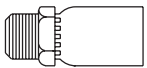
90° Short Bent Tube Female Swivel, JIC 37 degree

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	-4	7/16-20	90304-0455S0	3903-04644	064226-003	1-1/4
1/4	-6	7/16-18	90304-0655S0	3903-04646	320001	1-3/8
5/16	-6	9/16-18	90305-0655S0	3903-05646	064226-005	1-5/16
3/8	-6	9/16-18	90306-0655S0	3903-06646	064226-008	1-3/8
3/8	-8	3/4-16	90306-0855S0	3903-06648	064226-006	1-1/2
1/2	-10	7/8-14	90308-1055S0	3903-08650	320001-002	1-9/16
1/2	-8	3/4-16	90308-0855S0	3903-08648	320001-001	1-7/16



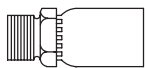
90° Elbow Female Swivel, O-Ring Face Seal

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
3/8	-6	11/16-16	90306-0640S0	3903-06476	320009	1-7/16
1/2	-8	13/16-16	90H08-0840S0	3903-08478	320009-001	1-1/2



Male Rigid

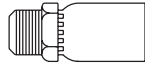
Hose ID	Pipe Size	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	1/4	90304-041000	3903-04104	320004	1-3/16
1/4	3/8	90304-061000	3903-04106	320005	1-5/16
5/16	1/4	90305-041000	3903-05104	064116-001	1-3/16
5/16	3/8	90305-061000	3903-05106	064116-003	1-1/4



Male O-Ring Straight Thread

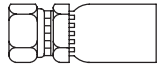
Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
3/16	-4	7/16-20	90303-04D000	3903-03D04	064224-002	1-1/16
1/4	-5	1/2-20	90304-05D000	3903-04D05	320007	1-1/32
3/8	-6	9/16-18	90306-06D000	3903-06D06	320007-001	1-5/32

*Note: See Section 8, Tools, for pusher and die Crown part numbers.



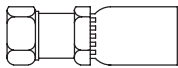
JIC 37° Male Rigid

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
3/16	-4	7/16-20	90303-045000	3903-03504	064113-005	1-1/4
1/4	-4	7/16-20	90304-045000	3903-04504	064113-001	1-1/4
1/4	-6	9/16-18	90304-065000	3903-04506	320044	1-3/16
5/16	-6	9/16-18	90305-065000	3903-05506	064113-010	1-5/16
3/8	-6	9/16-18	90306-065000	3903-06506	064113-009	1-5/16
3/8	-8	3/4-16	90306-085000	3903-06508	064113-002	1-7/16
1/2	-10	7/8-14	90308-105000	3903-08510	320044-002	1-9/16
1/2	-8	3/4-16	90308-085000	3903-08508	320044-001	1-3/8



SAE 45° Female Swivel

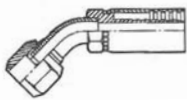
Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
3/16	-4	7/16-20	90304-045400	3903-03544	064112-011	1-3/8
1/4	-5	1/2-20	90304-055400	3903-04545	064225-002	1-7/16
5/16	-5	1/2-20	90305-055400	3903-05545	320047	1-3/8
3/8	-8	3/4-16	90306-085400	3903-06548	064112-004	1-9/16
1/2	-8	3/4-16	90308-085400	3903-08548	064112-014	1-5/8
1/2	-10	7/8-14	90308-105400	3903-08550	320013-002	1-5/8



Straight with Female Swivel O-Ring Face Seal

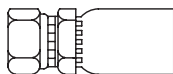
Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	-4	9/16-18	90304-044000	3903-04404	320000	1.520
5/16	-5	11/16-16	90305-064000	3903-05406	320003	1.545
3/8	-6	11/16-16	90306-064000	3903-06406	064277-016	1.440
3/8	-6	13/16-16	90306-084000	3903-06408	064277-017	1.788
1/2	-8	13/16-16	90308-084000	3903-08408	320003-001	1.565
5/8	-10	1-14	90H10-104000	390H-10410	064277-010	2.060
5/8	-10	1-14	90N10-10420T	390N-10410-001	064277-018	1.625
5/8	-10	1.188-12	90N10-124200	390N-10412	320003-002	1.560

Note: 390H fittings use on 3360-10 hose, 390N fittings use on 30CT-10 hose.



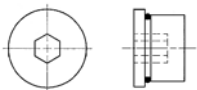
Female Swivel O-Ring Face Seal 45° Bend

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
1/4	-4	9/16-18	90304-044040	3903-04444	320057	1.500



JIC 37° Female Swivel

Hose I.D.	Dash Size	Thread	Current Vendor Number	Former Vendor Number	Part Number	Fitting Hose Depth
3/16	-4	7/16-20	90303-045400	3903-03544	064112-011	1-3/8
1/4	-4	7/16-20	90304-045400	3903-04544	064112-001	1-7/16
1/4	-5	1/2-20	90304-055400	3903-04545	064225-002	1-7/16
5/16	-5	1/2-20	90305-055400	3903-05545	320047	1-3/8
1/4	-6	9/16-18	90304-065500	3903-04546	064112-003	1-7/16
5/16	-6	9/16-18	90305-065500	3903-05546	064112-002	1-7/16
3/8	-6	9/16-18	90306-065500	3903-06546	064112-005	1-9/16
3/8	-8	3/4-16	90306-085400	3903-06548	064112-004	1-9/16
1/2	-8	3/4-16	90308-085400	3903-08548	064112-014	1-5/8
1/2	-10	7/8-14	90308-105400	3903-08550	320013-002	1-5/8
5/8	-12	1-1/16-12	90H10-125500	390H-10552	320013	1-7/8

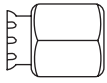


Plug with O-Ring

Part Number	Thread	Depth	Tube Size	
			SAE	OD
064091-001	3/4 - 16	0.438	8	0.50
064091-002	9/16 - 18	0.391	6	0.38
064091-004	5/16 - 24	0.297	2	0.12
064091-005	1-1/16 - 12	0.594	12	0.75
064091-006	7/16 - 20	0.360	4	0.25
064091-007	7/8 - 14	0.500	10	0.62
064091-008	1-5/16 - 12	0.594	16	1.00
064091-009	1-5/8 - 12	0.594	12	0.75
064091-010	3/8 - 24	0.297	3	0.19
064091-011	1-7/8 - 12	0.594	24	1.50

Note: See Section 8, Tools, for pusher and die Crown part numbers.

Thermoplastic Hose Couplings



Cap

Part Number	Thread	Depth
064128-001	3/4-16	0.75
064128-002	11/16-18	0.62
064128-003	7/16-20	0.59
064128-004	1 1/16-12	1.02
064128-005	7/8-14	0.97



Cap O-Ring Face Seal

Part Number	Thread	Depth
064311S004	9/16-18	0.58
064311S006	11/16-16	0.67
064311S008	13/16-16	0.83
064311S010	1-14	0.93
064311S012	1 13/16-12	1.02

Thermoplastic Hose Couplings Cross Reference

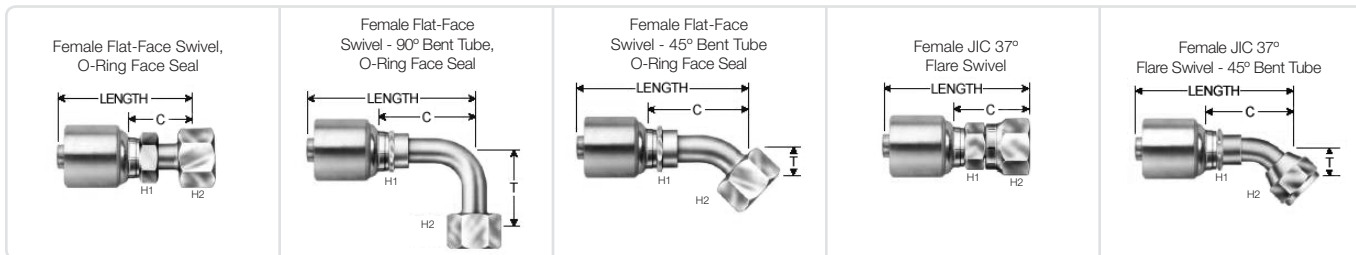
Furon	Crown Number	Parker
30° Inverted Flare NPSM		
3903-04244	320006	1MU55-4-4
45° Bent Tube Female Swivel, JIC 37°		
3903-05606	064227-001	13755-6-5
3903-06608	320027	13755-8-6
90° Long Bent Tube Female Swivel, JIC 37°		
3903-04844	320002	14155-4-4
3903-05846	064226-001	14155-6-5
3903-06846	064226-007	14155-6-6
3903-06848	064226-002	14155-8-6
3903-08848	320002-001	14155-8-8
3903-08850	320002-002	14155-10-8
90° Short Bent Tube Female Swivel, JIC 37°		
3903-04644	064226-003	1L955-4-4
3903-04645	064226-004	13955-5-4
3903-04646	320001	13955-6-4
3903-05646	064226-005	1L955-6-5
3903-06646	064226-008	1L955-6-6
3903-06648	064226-006	1L955-8-6
3903-08648	320001-001	1L955-8-8
3903-08650	320001-002	NA
90° Elbow Female Swivel, O-Ring Face Seal		
3903-06476	320009	1J955-6-6
JIC 37° Female Swivel		
3903-03544	064112-011	10655-4-3
3903-04544	064112-001	10655-4-4
3903-04546	064112-003	10655-6-4
3903-05546	064112-002	10655-6-5
3903-06546	064112-005	10655-6-6
3903-06548	064112-004	10655-8-6
3903-08548	064112-014	10655-8-8
3903-08550	320013-002	10655-8-10

Furon	Crown Number	Parker
Male Rigid		
3903-05104	064116-001	10155-4-5
3903-06106	064116-002	10155-6-6
3903-05106	064116-003	10155-6-5
3903-04104	320004	10155-4-4
3903-04106	320005	10155-6-4
JIC 37° Male Rigid		
3903-04504	064113-001	10355-4-4
3903-04506	320044	10355-6-4
3903-03504	064113-005	10355-4-3
3903-05506	064113-010	10355-6-5
3903-06506	064113-009	10355-6-6
3903-06508	064113-002	10355-8-6
3903-08508	320044-001	10355-8-8
3903-08510	320044-002	10355-8-10
Male O-Ring Straight Thread		
3903-03D04	064224-002	10555-4-3
3903-04D05	320007	10555-4-4
3903-06D06	320007-001	10555-6-6
SAE 45° Female Swivel		
3903-03544	064112-011	10655-4-3
3903-04545	064225-002	10655-5-4
Straight w/Female Swivel, O-Ring Face Seal		
3903-04404	320000	1JS55-4-4
3903-05406	320003	1JS55-6-5
3903-06406	064277-016	1JS55-6-6
3903-06408	064277-017	1JC55-8-6
3903-08408	320003-001	1SS55-8-8
390H-10410	064277-010	1JS58-10-10
390N-10410-001	064277-018	10158-10-10

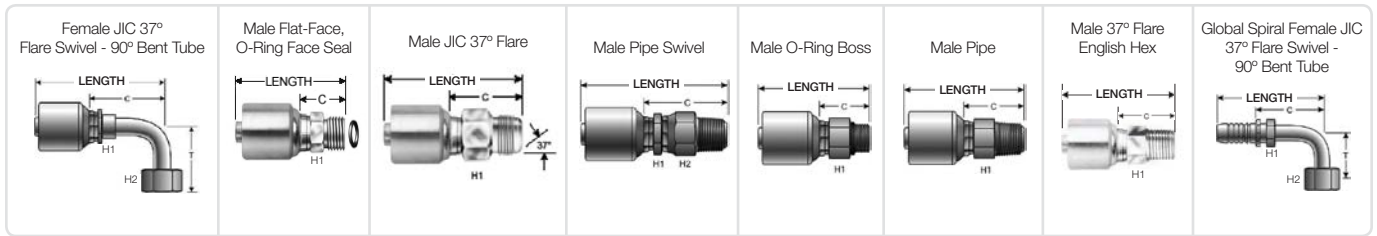
Rubber Hose



I.D. (in)	Working Pressure (psi)	Minimum Bend Radius inch	SAE Spec.	Vendor Number	Bulk Part Number	Length	
						10 ft	250 ft
Wire Braid High Tensile Steel							
1/4	5000		100R16	4M2T-MTF	320041-009-01		320041-009
1/4	3275	4.0	100R1	4G1	320041-010-01		320041-010
3/8	3000	2.5	100R17	6M3K	320041-002-01		320041-002
3/8	4800	5.0	100R2	6G2	320041-006-01		320041-006
3/8	3000		100R17	6M3K-XTF	320041-007-01		320041-007
3/8	3500		100R16	6M2T	320041-008-01		320041-008
1/2	3000	3.5	100R17	8M3K	320041-003-01		320041-003
1/2	3500	3.5	100R16	8M2T	320041-005-01		320041-005
5/8	3000	4.0	100R17	10M3K	320041-004-01		320041-004
3/4	3000	4.8	100R17	12M3K	320041-011-01		320041-011
Fiber Braid							
1/2	300	5.0		8LOLA	064100-001	324100-001-10	
5/8	300	6.0		10LOLA	064100-105		
3/4	750	6.0	100R3	12G3H	064100-018	324100-018-10	
3/4	300	7.0		12LOLA	064100-037	324100-037-10	
1	565	8.0	100R3	16G3H	064100-027	324100-027-10	

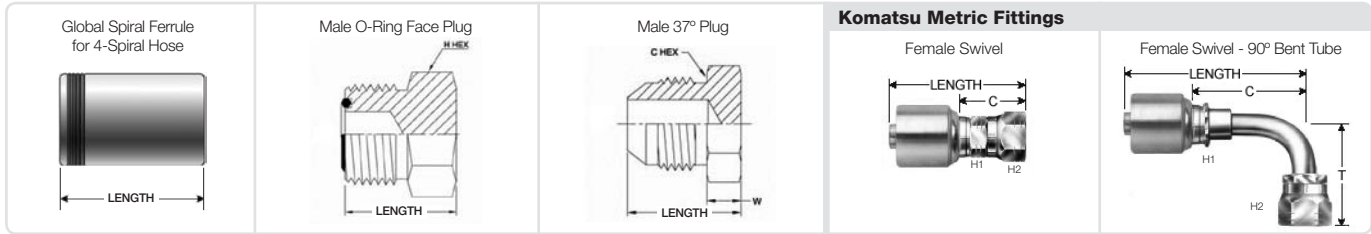


Hose I.D. mm (in.)	Vendor Number	Part Number	Thread Size	H1 (in)	H2 (in)	"T" Drop mm (in)	Length mm (in)	"C" Cut-Off mm (in)
Female Flat-Face Swivel, O-Ring Face Seal								
6.4 (1/4)	4G-4FFORX	320042-001	9/16-18	9/16	11/16	NA	54.5 (2.15)	28.5 (1.12)
6.4 (1/4)	4G-6FFORX	320042-002	11/16-16	5/8	13/16	NA	57 (2.24)	31 (1.22)
9.5 (3/8)	6G-4FFORX	320042-085	9/16-18	21/32	11/16	NA	57 (2.24)	29.1 (1.15)
9.5 (3/8)	6G-6FFORX	320042-003	11/16-16	5/8	13/16	NA	59 (2.32)	31 (1.22)
9.5 (3/8)	6G-8FFORX	320037	13/16-16	3/4	15/16	NA	64 (2.52)	36.1 (1.42)
9.5 (3/8)	6GE-8FFORX	320042-066	13/16 - 16	3/4	15/16	NA	64.0 (2.52)	36.1 (1.42)
12.7 (1/2)	8G-8FFORX	320042-004	13/16-16	13/16	15/16	NA	73.5 (2.89)	36 (1.42)
12.7 (1/2)	8G-10FFORX	320042-051	1-14	15/16	1-1/8	NA	81.0 (3.19)	43.5 (1.71)
12.7 (1/2)	8G-12FFORX	320042-087	1 3/16-12	15/16	1-3/8	NA	84.3 (3.32)	46.8 (1.84)
15.8 (5/8)	10G-10FFORX	320042-005	1-14	1	1-1/8	NA	81.5 (3.21)	44.0 (1.73)
19.0 (3/4)	12G-12FFORX	320042-088	1 3/16-12	1 1/16	1-3/8	NA	96.0 (3.78)	45.0 (1.77)
Female Flat-Face Swivel 90° Bent Tube, O-Ring Face Seal								
6.4 (1/4)	4G-4FFORX90S	320042-013	9/16-18	1/2	11/16	20.8 (0.82)	60.4 (2.38)	34.4 (1.35)
6.4 (1/4)	4G-4FFORX90M	320042-014	9/16-18	1/2	11/16	32.0 (1.26)	55.2 (2.17)	29.2 (1.15)
6.4 (1/4)	4G-4FFORX90L	320042-015	9/16-18	1/2	11/16	45.7 (1.80)	55.2 (2.17)	29.2 (1.15)
9.5 (3/8)	6G-6FFORX90S	320042-016	11/16-16	5/8	13/16	22.9 (0.90)	64.7 (2.55)	36.7 (1.44)
9.5 (3/8)	6G-6FFORX90M	320042-077	11/16 -16	5/8	13/16	38.4 (1.51)	64.7 (2.55)	36.8 (1.45)
9.5 (3/8)	6G-6FFORX90L	320042-048	11/16-16	5/8	13/16	54.1 (2.13)	62.9 (2.48)	35.0 (1.38)
9.5 (3/8)	6G-8FFORX90S	320042-017	13/16-16	5/8	15/16	29.2 (1.15)	73.0 (2.87)	45.0 (1.77)
12.7 (1/2)	8G-8FFORX90S	320042-018	13/16-16	13/16	15/16	29.2 (1.15)	83.9 (3.30)	46.5 (1.83)
12.7 (1/2)	8G-8FFORX90M	320042-047	13/16-16	13/16	15/16	41.2 (1.62)	83.9 (3.30)	46.5 (1.83)
12.7 (1/2)	8G-8FFORX90L	320042-046	13/16-16	13/16	15/16	63.8 (2.51)	83.9 (3.30)	46.5 (1.83)
12.7 (1/2)	8G-8FFORX90-083	320042-052	13/16-16	13/16	15/16	83.0 (3.26)	83.9 (3.30)	46.5 (1.83)
12.7 (1/2)	8G-10FFORX90S	320042-019	1-14	13/16	1-1/8	32.3 (1.27)	84.0 (3.30)	46.5 (1.83)
15.8 (5/8)	10G-10FFORX90S	320042-020	1-14	15/16	1-1/8	32.3 (1.27)	83.4 (3.28)	45.9 (1.81)
15.8 (5/8)	10G-10FFORX90M	320042-075	1-14	15/16	1-1/8	47.0 (1.85)	77.6 (3.06)	40.2 (1.58)
15.8 (5/8)	10G-10FFORX90L	320042-053	1-14	15/16	1-1/8	70.1 (2.76)	77.5 (3.05)	40.0 (1.57)
19.0 (3/4)	12-G12FFORX90M	320042-089	1 3/16-12	11/16	1-5/8	57.9(2.28)	106.8(4.20)	55.8 (2.20)
Female Flat-Face Swivel - 45° Bent Tube, O-Ring Face Seal								
6.4 (1/4)	4G-4FFORX45	320042-008	9/16-18	9/16	11/16	10.4 (0.41)	65 (2.56)	39 (1.54)
6.4 (1/4)	4G-6FFORX45	320042-009	11/16-16	5/8	13/16	10.9 (0.43)	68.5 (2.70)	42.5 (1.67)
9.5 (3/8)	6G-6FFORX45	320042-010	11/16-16	5/8	13/16	10.9 (0.43)	69.8 (2.75)	41.9 (1.65)
9.5 (3/8)	6G-4FFORX45S	320042-083	9/16-18	5/8	11/16	10.0(0.39)	66.1 (2.60)	38.1 (1.50)
12.7 (1/2)	8G-8FFORX45	320042-011	13/16-16	13/16	15/16	15 (0.59)	89 (3.5)	52.5 (2.07)
12.7 (1/2)	8G-10DD0EZ45	320042-084	1-14	13/16	1-1/8	16.5 (0.65)	89.5 (3.52)	52.1 (2.05)
15.8 (5/8)	10G-10FFORX45	320042-012	1-14	1	1-1/8	16.5 (0.65)	89 (3.5)	51.4 (2.02)
Female JIC 37° Flare Swivel English Hex								
6.4 (1/4)	4GE-4FJX	320042-059	7/16 - 20	1/2	9/16	NA	53.4 (2.10)	27.4 (1.08)
6.4 (1/4)	4GE-6FJX	320042-060	9/16 - 18	9/16	3/4	NA	56.3 (2.22)	30.2 (1.19)
9.5 (3/8)	6GE-6FJX	320042-061	9/16-18	5/8	3/4	NA	58.8 (2.31)	30.2 (1.19)
9.5 (3/8)	6GE-8FJX	320042-062	3/4-16	11/16	7/8	NA	63.1 (2.48)	35.1 (1.38)
Female JIC 37° Flare Swivel - 45° Bent Tube								
6.4 (1/4)	4GE-4FJX45	320042-063	7/16 - 20	1/2	9/16	11.9 (.47)	58.0 (2.28)	32.0 (1.26)
6.4 (1/4)	4G-5FJX45S	320042-054	1/2-20	1/2	5/8	14.2 (0.56)	65.0 (2.56)	39.0 (1.54)
9.5 (3/8)	6G-6FJX45	320042-023	9/16-18	5/8	11/16	14.2 (0.56)	73.9 (2.91)	46.0 (1.81)
9.5 (3/8)	6G-8FJX45	320042-050	3/4-16	5/8	7/8	17.5 (0.69)	73.1 (2.88)	45.2 (1.78)
12.7 (1/2)	8G-8FJX45	320042-044	3/4-16	13/16	7/8	17.5 (.69)	84.1 (3.31)	46.6 (1.83)



Hose I.D. mm (in.)	Vendor Number	Part Number	Thread Size	H1 (in)	H2 (in)	"T" Drop mm (in)	Length mm (in)	"C" Cut-Off mm (in)
Female JIC 37° Flare Swivel								
6.4 (1/4)	4G-4FJX	320042-021	7/16-20	1/2	9/16	NA	53.4 (2.10)	27.4 (1.08)
6.4 (1/4)	4G-6FJX	320042-037	9/16-18	9/16	3/4	NA	56.3 (2.22)	30.2 (1.19)
9.5 (3/8)	6G-6FJX	320042-022	9/16-18	5/8	3/4	NA	58.8 (2.31)	30.2 (1.19)
9.5 (3/8)	6G-8FJX	320042-031	3/4-16	11/16	7/8	NA	63.1 (2.48)	35.1 (1.38)
12.7 (1/2)	8G-8FJX	320042-045	3/4-16	13/16	7/8	NA	71.6 (2.82)	34.1 (1.34)
12.7 (1/2)	8G-12FJX	320042-073	1 1/16 - 12	1	1-1/4	NA	80.1 (3.15)	42.6 (1.68)
15.8 (5/8)	10G-8FJX	320042-071	3/4-16	15/16	7/8	NA	73.6 (2.90)	36.1 (1.42)
15.8 (5/8)	10G-10FJX	320042-042	7/8-14	15/16	1-1/16	NA	77.1 (3.04)	39.7 (1.56)
Female JIC 37° Flare Swivel - 90° Bent Tube								
6.4 (1/4)	4G-4JX90M	320042-072	7/16 - 20	1/2	9/16	22.4 (0.88)	52.25 (2.06)	26.2 (1.03)
6.4 (1/4)	4G-5FJX90L	320042-039	1/2 - 20	1/2	5/8	45.7 (1.80)	55.2 (2.17)	29.2 (1.15)
9.5 (3/8)	6G-6FJX90S	320042-024	9/16 - 18	5/8	11/16	21.6 (0.85)	60 (2.36)	31.0 (1.22)
9.5 (3/8)	6GE-6FJX90S	320042-064	9/16 - 18	5/8	11/16	85.0 (21.6)	60.0 (2.36)	31.0 (1.22)
9.5 (3/8)	6G-6FJX90M	320042-025	9/16 - 18	5/8	11/16	28.7 (1.13)	60.0 (2.36)	31.0 (1.22)
9.5 (3/8)	6G-6FJX90L	320042-040	9/16 - 18	5/8	11/16	55.4 (2.18)	66.0 (2.60)	38.1 (1.50)
9.5 (3/8)	6G-8FJX90S	320042-038	3/4 - 16	5/8	15/16	27.7 (1.09)	69.7 (2.74)	41.8 (1.65)
9.5 (3/8)	6GE-8FJX90S	320042-065	3/4 - 16	5/8	7/8	27.7 (1.09)	69.7 (2.74)	41.8 (1.65)
12.7 (1/2)	8G-8FJX90S	320042-074	3/4 - 16	13/16	7/8	29.0 (1.14)	80.3 (3.16)	42.8 (1.69)
12.7 (1/2)	8G-8FJX90M	320042-043	3/4 - 16	13/16	7/8	41.0 (1.38)	74.3 (2.93)	36.8 (1.45)
12.7 (1/2)	8G-8FJX90L	320042-078	3/4 - 16	13/16	7/8	64.0 (2.52)	74.0 (2.91)	36.6 (1.44)
12.7 (1/2)	8G-10FJX90M	320042-049	7/8 - 14	13/16	1	44.5 (1.75)	81.3 (3.20)	43.9 (1.73)
15.8 (5/8)	10G-10FJX90S	320042-041	7/8 - 14	15/16	1	31.2 (1.23)	85.5 (3.37)	48.0 (1.89)
Male Flat-Face, O-Ring Face Seal								
9.5 (3/8)	6G-6MFFOR	320042-006	11/16 - 16	3/4	NA	NA	56.0 (2.20)	28.1 (1.11)
9.5 (3/8)	6G-8MFFOR	320042-007	13/16 - 16	7/8	NA	NA	59.0 (2.32)	31.1 (1.22)
15.8(5/8)	10G-12MFFOR	320042-069	1 3/16 - 12	1-1/4	NA	NA	72.0 (2.83)	34.5 (1.36)
19.0 (3/4)	12G-12MFFOR	320042-090	1 3/16-12	1-1/4	NA	NA	90.0 (3.54)	39.0 (1.54)
Male JIC 37° Flare								
9.5 (3/8)	6G-6MJ	320042-032	9/16-18	5/8	NA	NA	57.5 (2.26)	29.6 (1.17)
9.5 (3/8)	6G-8MJ	320042-033	3/4-16	3/4	NA	NA	61.0 (2.40)	33.1 (1.30)
Male Pipe Swivel								
9.5 (3/8)	6G-4MPX	320042-055	1/4 - 18	5/8	NA	NA	72.8 (2.87)	44.9 (1.77)
9.5 (3/8)	6G-6MPX	320042-056	3/8 - 18	5/8	NA	NA	71.5 (2.81)	43.6 (1.72)
9.5 (3/8)	6G-8MPX	320042-057	1/2 - 14	3/4	NA	NA	77.5 (3.05)	49.5 (1.95)
Male O-Ring Boss								
6.4 (1/4)	4G-4MB	320042-082	7/16 - 20	9/16	NA	NA	50.5 (1.99)	24.5 (0.96)
Male Pipe								
6.4 (1/4)	4G-4MP	320042-036	1/4 - 18	9/16	NA	NA	55.0 (2.17)	29.0 (1.14)
9.5 (3/8)	6G-4MP	320042-076	1/4 - 16	5/8	NA	NA	59.0 (2.32)	31.1 (1.22)
Male 37° Flare English Hex								
9.5 (3/8)	6GE-8MJ	320042-058	3/4-16	3/4	NA	NA	61.0 (2.40)	33.1 (1.30)
Global Spiral Female JIC 37° Flare Swivel 90° Bent Tube								
12.7 (1/2)	8GS-8FJX90S	320042-081	3/4 -16	7/8	7/8	29.0 (1.14)	86.0 (3.39)	48.6 (1.91)
12.7 (1/2)	8GS-8FJX90M	320042-080	3/4 -16	7/8	7/8	41.0 (1.61)	92.0 (3.62)	54.6 (2.15)

Rubber Hose Couplings



Hose I.D. mm (in.)	Vendor Number	Part Number	Inside Diameter	Length mm (in)	Outside Diameter	
Global Spiral Ferrule for 4-Spiral Hose						
12.7 (1/2)	8GS1F-4	320042-079	12.7 (1.5)	36.6 (1.44)	34.4 (1.35)	
	Vendor Number	Part Number	Thread Size	Length mm (in)	H Hex	
Male O-Ring Face Plug						
3/8	FS2408-6	320043-001	11/16-16	19.05 (.75)	3/4	
Tube O.D.	Vendor Number	Part Number	Thread Size	Length mm (in)	C Hex	Width mm (in)
Male 37° Plug						
3/8	2408-6	320043-002	9/16-18	21.41 (.843)	5/8	6.35 (0.25)

Komatsu Metric Fittings								
Hose I.D. mm (in.)	Vendor Number	Part Number	Thread Size	H1 mm (in)	H2 mm (in)	"T" Drop mm (in)	Length mm (in)	"C" Cut-Off mm (in)
Female Swivel								
6.4 (1/4)	4G-4FKX	320042-026	M14 x 1.5	14.3	19.0	NA	56.3 (2.22)	30.2 (1.19)
9.5 (3/8)	6G-6FKX	320042-027	M18 x 1.5	17.5	22.2	NA	62.8 (2.47)	34.9 (1.37)
12.7 (1/2)	8G-8FKX	320042-028	M22 x 1.5	20.7	27.0	NA	74.5 (2.93)	37.0 (1.46)
Female Swivel - 90° Bent Tube								
6.4 (1/4)	4G-4FKX90	320042-029	M14 x 1.5	(1/2)	(3/4)	38 (1.5)	69.0 (2.72)	43.0 (1.69)
12.7 (1/2)	8G-8FKX90	320042-030	M22 x 1.5	(13/16)	(11/16)	35 (1.38)	88.0 (3.46)	50.5 (1.99)

Hydraulic Components



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