

Reusable Fittings

100R5 Style

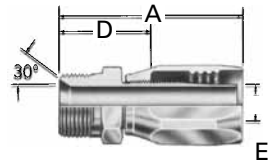
For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Male Pipe

412-

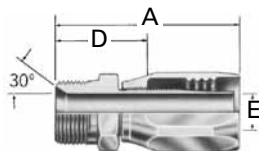
44-412-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
412-								
t2-4S*	1/8-27	-04	42,7	1.68	23,4	.92	4,3	.17
t4-4S*	1/4-18	-04	47,2	1.86	28,2	1.11	4,3	.17
t2-5S*	1/8-27	-05	45,2	1.78	25,4	1.00	5,8	.23
t4-5S*	1/4-18	-05	49,8	1.96	30,0	1.18	5,8	.23
t4-6S*	1/4-18	-06	54,1	2.13	31,2	1.23	7,6	.30
t6-6S*	3/8-18	-06	54,1	2.13	31,2	1.23	6,1	.24
t6-8S*	3/8-18	-08	63,0	2.48	33,8	1.33	9,9	.39
8-8S*	1/2-14	-08	69,3	2.73	40,1	1.58	9,1	.36
t8-10S*	1/2-14	-10	73,2	2.88	40,4	1.59	12,2	.48
12-10S*	3/4-14	-10	74,7	2.94	41,9	1.65	12,2	.48
t12-12S*	3/4-14	-12	82,3	3.24	42,4	1.67	15,5	.61
t12-16S	3/4-14	-16	71,1	2.80	38,9	1.53	20,8	.82
t16-16S	1-11 1/2	-16	75,9	2.99	43,7	1.72	20,8	.82
16-20S	1-11 1/2	-20	81,3	3.20	46,7	1.72	24,1	.95
t20-20S	1 1/4-11 1/2	-20	82,0	3.23	47,5	1.87	26,7	1.05
20-24S	1 1/4-11 1/2	-24	90,9	3.58	53,8	2.12	32,5	1.28
t24-24S	1 1/2-11 1/2	-24	88,4	3.48	51,6	2.03	32,5	1.28
t32-32S	2-11 1/2	-32	102,9	4.05	55,9	2.20	44,5	1.75
44-412-								
40-40	2 1/2-8	-40	127,8	5.03	79,5	3.13	53,8	2.12
48-48	3-8	-48	129,3	5.09	81,0	3.19	68,3	2.69

Male Pipe

4412-

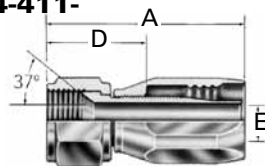


Dash Size	Thread	Hose Size	mm in		mm in		mm in	
			mm	in	mm	in	mm	in
4412-								
2-4S	1/8-27	-04	42,7	1.68	23,6	.93	3,3	.13
4-4S	1/4-18	-04	47,5	1.87	28,4	1.12	3,3	.13
4-5S	1/4-18	-05	49,8	1.96	30,0	1.18	4,3	.17
4-6S†	1/4-18	-06	54,1	2.13	31,2	1.23	6,1	.24
6-6S	3/8-18	-06	54,1	2.13	31,2	1.23	5,8	.23
4-8S	1/4-18	-08	63,0	2.48	33,8	1.33	7,6	.30
6-8S	3/8-18	-08	63,0	2.48	33,8	1.33	9,1	.36
8-8S	1/2-14	-08	69,3	2.73	40,1	1.58	9,1	.36
8-10S	1/2-14	-10	73,2	2.88	40,4	1.59	11,7	.46
12-10S	3/4-14	-10	74,7	2.94	41,9	1.65	11,7	.46
8-12S	1/2-14	-12	82,3	3.24	42,7	1.68	12,4	.49
12-12S	3/4-14	-12	82,3	3.24	42,4	1.67	14,0	.55

SAE 37° (JIC) swivel

411-

44-411-



Dash Size	Thread	Hose Size	mm in		mm in		mm in	
			mm	in	mm	in	mm	in
411-								
t4S*	7/16-20	-4	44,5	1.75	25,4	1.00	4,3	.17
t5S*	1/2-20	-5	48,3	1.90	28,4	1.12	5,8	.23
t6S*	9/16-18	-6	52,1	2.05	29,2	1.15	7,6	.30
t8S*	3/4-16	-8	64,0	2.52	35,1	1.38	9,9	.39
10S*	7/8-14	-10	71,1	2.80	38,4	1.51	12,2	.48
t12S*	1 1/16-12	-12	80,0	3.15	40,1	1.58	15,5	.61
t16S*	1 5/16-12	-16	71,6	2.82	39,4	1.55	20,8	.82
t20S*†††	1 5/8-12	-20	76,2	3.00	41,7	1.64	26,7	1.05
t24S*†††	1 7/8-12	-24	83,3	3.28	46,5	1.83	32,5	1.28
t32S*†††	2 1/2-12	-32	98,6	3.88	51,6	2.03	44,5	1.75
44-411-								
40*	3-12	-40	105,7	4.16	57,2	2.25	55,9	2.20
48*	3 1/2-12	-48	108,7	4.28	60,5	2.38	71,1	2.80

*Requires tools for assembly.

†Also supplied in brass. To order, substitute "B" for "S" in part number.

†††Available in stainless steel. To order, drop the "S" suffix and add "259-" prefix.

NOTE: For correct socket part number, see page 65

Reusable Fittings

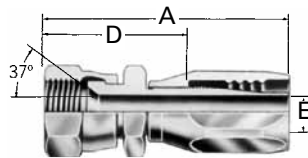
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

SAE 37° (JIC) swivel

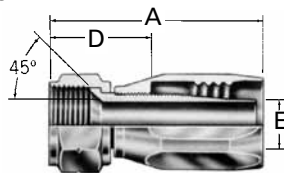
4411-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4411-								
4S†††	7/16-20	-04	50,0	1.97	31,2	1.23	3,3	.13
4-5S	7/16-20	-05	52,8	2.08	33,0	1.30	4,3	.17
5S†††	1/2-20	-05	53,8	2.12	34,3	1.35	4,6	.18
6S†††	9/16-18	-06	59,2	2.33	36,3	1.43	6,1	.24
8-6S	3/4-16	-06	61,5	2.42	38,6	1.52	6,1	.24
6-8S	9/16-18	-08	68,1	2.68	38,9	1.53	7,6	.30
8S†††	3/4-16	-08	70,6	2.78	41,1	1.62	9,1	.36
10-8S	7/8-14	-08	74,9	2.95	45,7	1.80	9,1	.36
8-10S	3/4-16	-10	74,2	2.92	41,7	1.64	9,9	.39
10S†††	7/8-14	-10	78,7	3.10	46,0	1.81	11,7	.46
12-10S	1 1/16-12	-10	81,0	3.19	48,5	1.91	11,7	.46
10-12S	7/8-14	-12	86,4	3.40	46,5	1.83	14,0	.55
12S†††	1 1/16-12	-12	88,6	3.49	48,8	1.92	14,0	.55
14-12S	1 3/16-12	-12	90,6	3.56	50,5	1.99	14,0	.55
16S†††	1 5/16-12	-16	81,0	3.19	49,0	1.93	20,8	.82
20S	1 5/8-12	-20	87,1	3.43	52,6	2.07	26,7	1.05
20-24S	1 5/8-12	-24	92,7	3.65	55,6	2.19	26,9	1.06
24S	1 7/8-12	-24	93,5	3.68	56,4	2.22	32,5	1.28
32S	2 1/2-12	-32	111,5	4.39	64,8	2.55	44,5	1.75

SAE 45° swivel

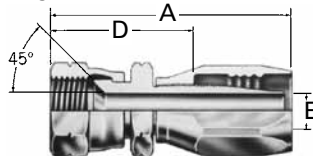
401-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
401-								
4S*†	7/16-20	-04	44,5	1.75	25,4	1.00	4,3	.17
5S*†	1/2-20	-05	48,3	1.90	28,4	1.12	5,8	.23
6S*†	5/8-18	-06	52,1	2.05	29,2	1.15	7,6	.30
8S*†	3/4-16	-08	64,0	2.52	35,1	1.38	9,9	.39
10S*†	7/8-14	-10	71,1	2.80	38,4	1.51	12,2	.48
12S*†	1 1/16-14	-12	76,7	3.02	36,8	1.45	15,5	.61

SAE 45° swivel

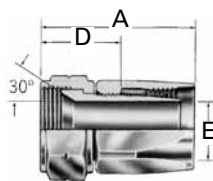
4401-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4401-								
4S	7/16-20	-04	50,0	1.97	31,0	1.22	3,3	.13
5S	1/2-20	-05	53,8	2.12	34,0	1.34	4,3	.17
6S	5/8-18	-06	59,9	2.36	37,1	1.46	6,1	.24
8S	3/4-16	-08	70,6	2.78	41,1	1.62	9,1	.36
10S	7/8-14	-10	78,7	3.10	46,0	1.81	11,7	.46
12S	1 1/16-14	-12	88,6	3.49	48,8	1.92	14,0	.55

SAE PTT swivel

406-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
406-								
16B††††*	1 5/16-14	-16	66,0	2.60	33,8	1.33	20,8	.82
20B††††*	1 5/8-14	-20	72,6	2.86	38,1	1.50	26,7	1.05
24B*	1 7/8-14	-24	79,5	3.13	42,4	1.67	32,5	1.28

*Requires tools for assembly.

† Also supplied in brass. To order, substitute "B" for "S" in part number.

††† Available in stainless steel. To order, drop the "S" suffix and add "259-" prefix.

†††† Also supplied in steel. To order, drop "B" suffix and substitute "S" in part number.

NOTE: For correct socket part number, see page 65.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
EQUIPMENT

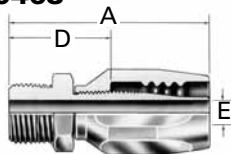
APPENDICES

Reusable Fittings

100R5 Style

SAE Male O-Ring Boss**

190463-



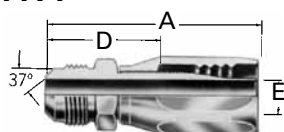
For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
190463-								
6S	9/16-18	-06	49,5	1.95	26,7	1.05	6,1	.24
8S	3/4-16	-08	59,7	2.35	30,5	1.20	9,1	.36
10S	7/8-14	-10	66,8	2.63	34,0	1.34	9,1	.36

SAE 37° (JIC) Male Flare

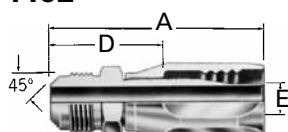
4414-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4414-								
4S	7/16-20	-04	47,0	1.85	27,9	1.10	3,3	.13
5S	1/2-20	-05	49,5	1.95	29,7	1.17	4,3	.17
6S	9/16-18	-06	53,8	2.12	31,0	1.22	6,1	.24
8S	3/4-16	-08	65,3	2.57	36,1	1.42	9,1	.36
10S	7/8-14	-10	73,2	2.88	40,6	1.60	11,7	.46
12-10S	1 1/16-12	-10	77,5	3.05	44,7	1.76	11,7	.46
12S	1 1/16-12	-12	85,1	3.35	45,2	1.78	14,0	.55
16-12S	1 5/16-12	-12	86,4	3.40	46,5	1.83	14,0	.55
16S	1 5/16-12	-16	75,2	2.96	42,9	1.69	20,8	.82
20S	1 5/8-12	-20	81,8	3.22	47,2	1.86	26,7	1.05
24S	1 7/8-12	-24	87,4	3.44	50,5	1.99	32,5	1.28
32S	2 1/2-12	-32	107,2	4.22	60,5	2.38	44,5	1.75

SAE 45° Male Flare

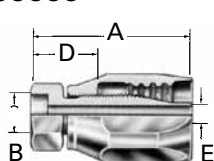
4402-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4402-								
4S	7/16-20	-04	45,7	1.80	26,9	1.06	3,3	.13
4-5S	7/16-20	-05	48,3	1.90	28,4	1.12	4,3	.17
5S	1/2-20	-05	50,0	1.97	30,0	1.18	4,3	.17
6S	5/8-18	-06	55,6	2.19	32,5	1.28	6,1	.24
8S	3/4-16	-08	67,6	2.66	38,6	1.52	9,1	.36
10S	7/8-14	-10	76,2	3.00	43,7	1.72	11,7	.46
12-10S	1 1/16-14	-10	81,3	3.20	48,3	1.90	11,7	.46
12S	1 1/16-14	-12	88,9	3.50	48,8	1.92	14,2	.56

Lifesaver†

190000-



Dash Size	Tube	Hose Size	A		B†		D		EØ	
			mm	in	mm	in	mm	in	mm	in
190000-										
4S	1/4	-04	34,5	1.36	6,4	.25	15,7	.62	3,3	.13
5S	5/16	-05	38,9	1.53	7,9	.31	19,1	.75	4,6	.18
5-6S	5/16	-06	41,4	1.63	7,9	.31	18,5	.73	6,1	.24
6S	3/8	-06	41,4	1.63	9,7	.38	18,5	.73	6,1	.24
6-8S	3/8	-08	51,8	2.04	9,7	.38	22,6	.89	7,1	.28
8S	1/2	-08	51,8	2.04	12,7	.50	22,6	.89	9,1	.36
10S	5/8	-10	55,6	2.19	15,7	.62	22,9	.90	11,7	.46
8-12S	1/2	-12	63,2	2.49	12,7	.50	23,4	.92	9,9	.39
12S	3/4	-12	63,2	2.49	19,1	.75	23,4	.92	14,0	.55
16S	1	-16	52,1	2.05	25,4	1.00	19,8	.78	20,8	.82
16-20S	1	-20	57,4	2.26	25,4	1.00	22,9	.90	20,8	.82
18-20S	1 1/8	-20	57,4	2.26	28,4	1.12	22,9	.90	23,9	.94
20S	1 1/4	-20	57,4	2.26	31,8	1.25	22,9	.90	26,7	1.05
24-20S	1/2	-20	59,2	2.33	38,1	1.50	24,4	.96	26,7	1.05
16-24S	1	-24	61,5	2.42	25,4	1.00	24,6	.97	20,8	.82
20-24S	1 1/4	-24	59,9	2.36	31,8	1.25	22,9	.90	26,7	1.05
24-24S	1/2	-24	61,5	2.42	38,1	1.50	24,6	.97	32,5	1.28
20-32S	1 1/4	-32	73,4	2.89	31,8	1.25	26,7	1.05	26,9	1.06
24-32S	1/2	-32	71,9	2.83	38,1	1.50	24,9	.98	34,8	1.37
32-32S	2	-32	73,4	2.89	50,8	2.00	26,7	1.05	44,5	1.75
40S	2 1/2	-40	82,8	3.26	63,5	2.50	34,5	1.36	56,1	2.21

**See pages 194, 195 for o-rings.

†"B" dimension is counterbore diameter for mating tubing.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

100R5 Style

For use with Hose:

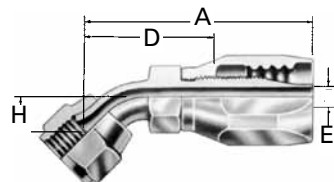
302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

45° Elbow

**190297 -
Universal Swivel**

**190299 -
SAE 45° Swivel**

**190265 -
SAE 37° (JIC) Swivel**



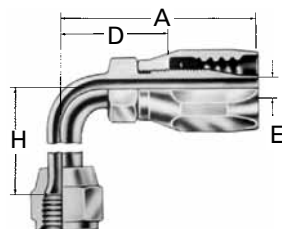
Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190297-										
4S	7/16-20	-04	47,0	1.85	27,9	1.10	3,3	.13	8,4	.33
4-5S	7/16-20	-05	51,1	2.01	31,2	1.23	3,8	.15	8,4	.33
5S	1/2-20	-05	52,6	2.07	32,8	1.29	4,6	.18	9,1	.36
8-6S	3/4-16	-06	67,1	2.64	44,2	1.74	6,1	.24	14,0	.55
8S	3/4-16	-08	75,9	2.99	46,7	1.72	9,1	.36	14,0	.55
8-10S	3/4-16	-10	79,8	3.14	47,0	1.85	9,9	.39	14,0	.55
10S	7/8-14	-10	82,3	3.24	49,5	1.95	11,7	.46	16,3	.64
10-12S	7/8-14	-12	89,9	3.54	50,0	1.97	12,2	.48	16,3	.64
190299-										
6S	5/8-18	-06	56,6	2.23	33,8	1.33	6,1	.24	9,9	.39
12S	1 1/16-14	-12	96,0	3.78	56,1	2.21	14,0	.55	19,8	.78
190265-										
6-5S	9/16-18	-05	54,1	2.13	34,3	1.35	4,3	.17	9,9	.39
6S	9/16-18	-06	56,6	2.23	33,8	1.33	6,1	.24	9,9	.39
12S	1 1/16-12	-12	96,0	3.78	56,1	2.21	14,0	.55	19,8	.78
16-12S	1 5/16-12	-12	101,6	4.00	61,7	2.43	14,0	.55	25,1	.99
16S	1 5/16-12	-16	95,0	3.74	62,7	2.47	20,8	.82	27,2	1.07
20S	1 1/8-12	-20	106,9	4.21	72,4	2.85	26,7	1.05	31,0	1.22

90° Elbow (Short)

**190296-
Universal Swivel,**

**190302-
SAE 45° Swivel,**

**190261-
SAE 37° (JIC) Swivel**



NOTE: For correct socket part number, see page 65.

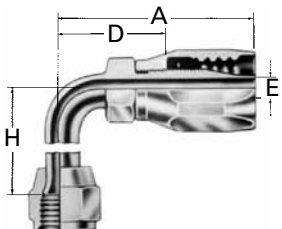
Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190296-										
4S	7/16-20	-04	44,2	1.74	25,1	.99	3,3	.13	17,3	.68
5S	1/2-20	-05	49,8	1.96	30,0	1.18	4,3	.17	19,6	.77
8S	3/4-16	-08	70,1	2.76	40,9	1.61	9,1	.36	27,7	1.09
10S	7/8-14	-10	74,7	2.94	41,9	1.65	11,7	.46	31,2	1.23
8-12S	3/4-16	-12	81,5	3.21	41,7	1.64	9,9	.39	27,7	1.09
190302-										
6S	5/8-18	-06	54,1	2.13	31,2	1.23	6,1	.24	21,6	.85
12S	1 1/16-14	-12	95,0	3.74	55,1	2.17	14,0	.55	46,2	1.82
190261-										
6S	9/16-18	-06	54,1	2.13	31,2	1.23	6,1	.24	21,6	.85
12S	1 1/16-12	-12	95,0	3.74	55,1	2.17	14,0	.55	46,2	1.82
16-12S	1 5/16-12	-12	95,0	3.74	55,1	2.17	14,0	.55	54,4	2.14
16S	1 5/16-12	-16	90,2	3.55	57,9	2.28	20,8	.82	58,4	2.30
20-16S	1 5/8-12	-16	90,2	3.55	57,9	2.28	19,3	.76	63,5	2.50
20S	1 5/8-12	-20	102,1	4.02	67,3	2.65	26,7	1.05	69,9	2.75
20-24S	1 5/8-12	-24	104,4	4.11	67,6	2.66	26,7	1.05	69,9	2.75

90° Elbow (Long)

**190295-
Universal Swivel,**

**190301-
SAE 45° Swivel,**

**190260-
SAE 37° (JIC) Swivel**



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190295-										
4S	7/16-20	-04	44,2	1.74	25,1	.99	3,3	.13	45,7	1.80
5S	1/2-20	-05	49,8	1.96	30,0	1.18	4,6	.18	45,0	1.77
8S	3/4-16	-08	73,2	2.88	43,9	1.73	9,1	.36	61,7	2.43
10S	7/8-14	-10	81,0	3.19	48,3	1.90	11,7	.46	65,3	2.57
10-12S	7/8-14	-12	88,6	3.49	48,8	1.92	12,2	.48	65,3	2.57
190301-										
6S	5/8-18	-06	54,1	2.13	31,2	1.23	6,1	.24	55,4	2.18
12S	1 1/16-14	-12	95,0	3.74	55,1	2.17	14,0	.55	94,7	3.73
190260-										
6S	9/16-18	-06	54,1	2.13	31,2	1.23	6,1	.24	55,4	2.18
12S	1 1/16-12	-12	95,0	3.74	55,1	2.17	14,0	.55	94,7	3.73
16S	1 5/16-12	-16	90,2	3.55	57,9	2.28	20,8	.82	116,3	4.58
20S	1 5/8-12	-20	102,1	4.02	67,3	2.65	26,7	1.05	140,5	5.53

Reusable Fittings

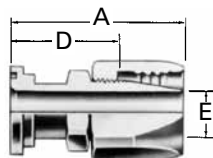
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Code 61 SAE J518 Straight Split Flange

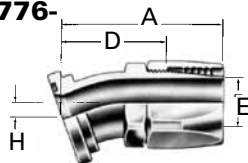
4775-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ	
	mm	in		mm	in	mm	in	mm	in
4775-									
8S	30,2	1.19	-08	70,4	2.77	41,1	1.62	9,1	.36
8-10S	30,2	1.19	-10	84,3	3.32	51,6	2.03	11,7	.46
16-10S	44,5	1.75	-10	75,4	2.97	42,7	1.68	11,7	.46
12S	38,1	1.50	-12	80,3	3.16	40,4	1.59	14,0	.55
16-12S	44,5	1.75	-12	90,2	3.55	50,3	1.98	14,0	.55
20-12S	50,8	2.00	-12	90,2	3.55	50,3	1.98	14,0	.55
16S	44,5	1.75	-16	70,4	2.77	38,1	1.50	20,8	.82
20-16S	50,8	2.00	-16	85,3	3.36	53,1	2.09	20,8	.82
24-16S	60,5	2.38	-16	86,9	3.42	54,4	2.14	20,8	.82
16-20S	44,5	1.75	-20	75,9	2.99	41,1	1.62	20,8	.82
20S	50,8	2.00	-20	90,9	3.58	56,1	2.21	26,7	1.05
32-20S	71,4	2.81	-20	92,5	3.64	57,9	2.28	26,7	1.05
16-24S	44,5	1.75	-24	94,7	3.73	57,9	2.28	20,8	.82
20-24S	50,8	2.00	-24	93,2	3.67	56,4	2.22	26,7	1.05
24S	60,5	2.38	-24	102,1	4.02	65,0	2.56	32,5	1.28
32-24S	71,4	2.81	-24	102,1	4.02	65,0	2.56	32,5	1.28
20-32S	50,8	2.00	-32	133,6	5.26	86,9	3.42	26,9	1.06
24-32S	60,5	2.38	-32	112,3	4.42	65,5	2.58	34,8	1.37
32S	71,4	2.81	-32	125,0	4.92	78,2	3.08	44,5	1.75
40-32S	84,1	3.31	-32	126,5	4.98	79,8	3.14	44,5	1.75
40*	84,1	3.31	-40	136,1	5.36	87,6	3.45	56,1	2.21

Code 61 SAE J518 22¹/₂° Split Flange

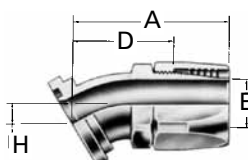
4776-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4776-											
16S	44,5	1.75	-16	90,2	3.55	57,9	2.28	20,8	.82	12,7	.50
32-16S	71,4	2.81	-16	89,4	3.52	57,4	2.26	20,8	.82	12,4	.49
20S	50,8	2.00	-20	97,0	3.82	62,2	2.45	26,7	1.05	12,7	.50
32-20S	71,4	2.81	-20S	98,6	3.88	63,8	2.51	26,7	1.05	13,2	.52
32S	71,4	2.81	-32	116,6	4.59	69,9	2.75	44,5	1.75	12,7	.50

Code 61 SAE J518 30° Split Flange

198046-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
198046-											
16-12S	44,5	1.75	-12	91,4	3.60	51,6	2.03	14,0	.55	11,4	.45
16S	44,5	1.75	-16	84,3	3.32	52,1	2.05	20,8	.82	12,7	.50
20-16S	50,8	2.00	-16	84,3	3.32	52,1	2.05	20,8	.82	12,7	.50
20S	50,8	2.00	-20	92,2	3.63	57,4	2.26	26,7	1.05	13,2	.52
24S	60,5	2.38	-24	100,6	3.96	63,8	2.51	32,5	1.28	14,7	.58
32S	71,4	2.81	-32	118,9	4.68	72,1	2.84	44,5	1.75	16,5	.65

* Order as 39-4775-40.

NOTE: For flanges, split flange halves, kits and o-rings see pages 190-194.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

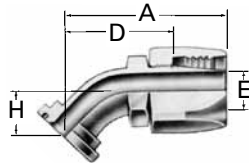
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Code 61 SAE J518 45° Split Flange

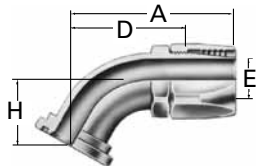
4777-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4777-											
8S	30,2	1.19	-08	87,4	3.44	58,4	2.30	9,1	.36	25,4	1.00
12S	38,1	1.50	-12	102,1	4.02	62,2	2.45	14,0	.55	25,4	1.00
16-12S	44,5	1.75	-12	102,1	4.02	62,2	2.45	14,0	.55	25,4	1.00
20-12S	50,8	2.00	-12	102,1	4.02	62,2	2.45	14,0	.55	25,4	1.00
16S	44,5	1.75	-16	96,5	3.80	64,3	2.53	20,8	.82	28,4	1.12
16-20S	44,5	1.75	-20	101,9	4.01	67,3	2.65	20,8	.82	28,4	1.12
20-16S	50,8	2.00	-16	96,5	3.80	64,3	2.53	20,8	.82	28,4	1.12
20S	50,8	2.00	-20	104,6	4.12	69,9	2.75	26,7	1.05	28,4	1.12
24-20S	60,5	2.38	-20	104,6	4.12	69,9	2.75	26,7	1.05	28,4	1.12
32-20S	46,0	1.81	-20	105,7	4.16	71,1	2.80	26,7	1.05	29,7	1.17
24S	60,5	2.38	-24	111,3	4.38	74,2	2.92	32,5	1.28	28,4	1.12
24-32S	60,5	2.38	-32	121,4	4.78	74,7	2.94	34,8	1.37	28,4	1.12
32-24S	71,4	2.81	-24	111,3	4.38	74,2	2.92	32,5	1.28	28,4	1.12
32S	71,4	2.81	-32	131,6	5.18	84,6	3.33	44,5	1.75	31,8	1.25
40-32S	84,1	3.31	-32	132,6	5.22	85,9	3.38	44,5	1.75	33,0	1.30
40*	84,1	3.31	-40	167,1	6.58	118,6	4.67	56,1	2.21	42,1	1.66

Code 61 SAE J518 60° Split Flange

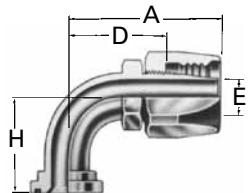
191395-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
191395-											
12S	38,1	1.50	-12	105,4	4.15	65,5	2.58	14,0	.55	41,1	1.62
16S	44,5	1.75	-16	98,0	3.86	66,0	2.60	20,8	.82	41,7	1.64
20S	50,8	2.00	-20	107,2	4.22	72,6	2.86	26,7	1.05	41,7	1.64
24S	60,5	2.38	-24	120,1	4.73	83,3	3.28	32,5	1.28	50,8	2.00

Code 61 SAE J518 90° Split Flange

4779-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4779-											
8S	30,2	1.19	-08	73,2	2.88	43,9	1.73	9,1	.36	41,1	1.62
12S	38,1	1.50	-12	95,0	3.74	55,1	2.17	14,0	.55	53,8	2.12
16-12S	44,5	1.75	-12	95,0	3.74	55,1	2.17	14,0	.55	53,8	2.12
12-16S	38,1	1.50	-16	83,8	3.30	51,6	2.03	20,8	.82	53,8	2.12
16S	44,5	1.75	-16	90,2	3.55	57,9	2.28	20,8	.82	60,5	2.38
20-16S	50,8	2.00	-16	90,2	3.55	57,9	2.28	20,8	.82	60,5	2.38
16-20S	44,5	1.75	-20	95,5	3.76	60,9	2.40	20,8	.82	60,5	2.38
20S	50,8	2.00	-20	102,1	4.02	67,3	2.65	26,7	1.05	63,5	2.50
24-20S	60,5	2.38	-20	102,1	4.02	67,3	2.65	26,7	1.05	63,5	2.50
32-20S	71,4	2.81	-20	102,1	4.02	67,3	2.65	26,7	1.05	65,0	2.56
20-24S	50,8	2.00	-24	104,4	4.11	67,6	2.66	26,7	1.05	63,5	2.50
24S	60,5	2.38	-24	112,2	4.42	75,4	2.97	32,5	1.28	69,9	2.75
24-32S	60,5	2.38	-32	122,7	4.83	75,7	2.98	34,8	1.37	69,9	2.75
32S	71,4	2.81	-32	136,9	5.39	90,2	3.55	44,5	1.75	82,6	3.25
40-32S	84,1	3.31	-32	136,9	5.39	90,2	3.55	44,5	1.75	84,1	3.31
40**	84,1	3.31	-40	184,4	7.26	136,1	5.36	56,1	2.21	131,8	5.19

NOTE: For flanges, split flange halves, kits and o-rings see pages 190-194.

*Order as 39-4775-40

NOTE: For correct socket part number, see page 65.
as 39-4779-40

**Order

Reusable Fittings

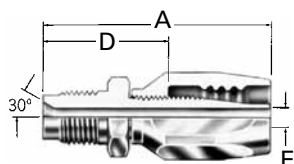
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Male Inverted Flare

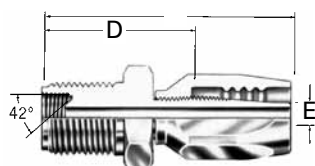
190277-



Dash Size	Thread	Hose Size	A		D		EØ	
190277-			mm	in	mm	in	mm	in
4S	7/16-20	-04	45,7	1.80	26,7	1.05	3,3	.13

Male/Female Inverted Flare

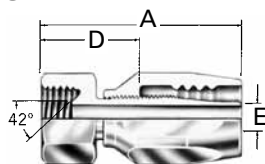
190276-



Dash Size	Thread	Hose Size	A		D		EØ	
190276-			mm	in	mm	in	mm	in
4S	5/8-18(M)	-04	52,1	2.05	33,0	1.30	3,3	.13
	7/16-24(F)							

Female Inverted Flare

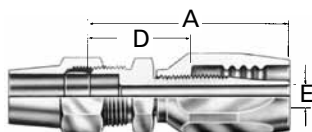
403-



Dash Size	Thread	Hose Size	A		D		EØ	
403-			mm	in	mm	in	mm	in
5S	1/2-20	-05	41,1	1.62	21,3	.84	5,8	.23
6S	5/8-18	-06	45,2	1.78	22,4	.88	7,6	.30

Compression Ball Sleeve

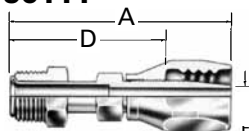
FC7031-



Dash Size	Thread	Hose Size	A		D		EØ	
FC7031-			mm	in	mm	in	mm	in
0808-206	1/2	-08	59,9	2.36	30,5	1.20	9,1	.36
1010-206	5/8	-10	66,5	2.62	34,0	1.34	11,7	.46

Straight SAE Male Inverted Flare

190111-



Dash Size	Thread	Hose Size	A		D		EØ	
190111-			mm	in	mm	in	mm	in
4S	7/16-24	-04	62,5	2.46	43,4	1.71	3,3	.13
5S	1/2-20	-05	66,5	2.62	46,7	1.84	4,6	.18
5-6S	1/2-20	-06	69,1	2.72	46,2	1.82	6,1	.24
6S	5/8-18	-06	69,1	2.72	46,2	1.82	6,1	.24
6-8S	5/8-18	-08	79,5	3.13	50,8	1.98	7,1	.28
8S	3/4-18	-08	81,3	3.20	52,1	2.05	9,1	.36

NOTE: For correct socket part number, see page 65.

Reusable Fittings

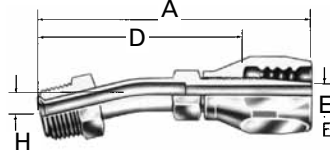
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

15° Elbow SAE Male Inverted Flare

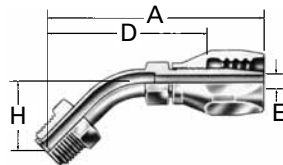
190350-



Dash Size	Thread	Hose Size	A		D		EØ		H	
190350-			mm	in	mm	in	mm	in	mm	in
6S	5/8-18	-06	82,8	3.26	59,9	2.36	6,1	.24	9,4	.37

45° Elbow SAE Male Inverted Flare

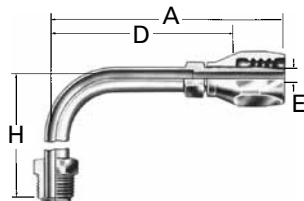
190371-



Dash Size	Thread	Hose Size	A		D		EØ		H	
190371-			mm	in	mm	in	mm	in	mm	in
4S	7/16-20	-04	69,6	2.74	50,5	1.99	3,3	.13	24,4	.96
5S	1/2-20	-05	73,7	2.90	53,8	2.12	4,3	.17	24,4	.96
6S	5/8-18	-06	76,2	3.00	53,3	2.10	6,1	.24	24,4	.96
8S	3/4-18	-08	86,1	3.39	56,9	2.24	9,1	.36	23,6	.93
10S	5/8-18	-10	95,0	3.74	62,0	2.44	11,7	.46	26,2	1.03

90° Elbow (Short) SAE Male Inverted Flare

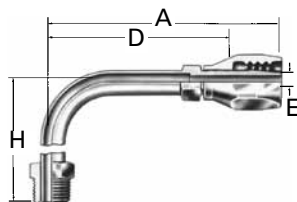
190235-



Dash Size	Thread	Hose Size	A		D		EØ		H	
190235-			mm	in	mm	in	mm	in	mm	in
4S	7/16-24	-04	59,9	2.36	41,1	1.62	3,3	.13	42,9	1.69
7-4S	11/16-18	-04	53,8	2.12	34,5	1.36	3,3	.13	46,7	1.84
8-4S	3/4-18	-04	53,8	2.12	34,5	1.36	3,3	.13	46,7	1.84
5S	1/2-20	-05	64,3	2.53	44,5	1.75	4,6	.18	42,9	1.69
6S	5/8-18	-06	66,8	2.63	43,9	1.73	6,1	.24	43,9	1.73
7-6S	11/16-18	-06	66,8	2.63	43,9	1.73	6,1	.24	43,9	1.73
6-8S	5/8-18	-08	77,2	3.04	48,0	1.89	7,1	.28	43,9	1.73
7-8S	11/16-18	-08	77,2	3.04	48,0	1.89	7,1	.28	43,9	1.73
8S	3/4-18	-08	77,2	3.04	48,0	1.89	9,1	.36	44,5	1.75
10S	7/8-18	-10	87,4	3.44	54,6	2.15	11,7	.46	56,4	2.22
8-12S	3/4-18	-12	88,6	3.49	48,8	1.92	9,9	.39	44,5	1.75

90° Elbow (Long) SAE Male Inverted Flare

190325-



Dash Size	Thread	Hose Size	A		D		EØ		H	
190325-			mm	in	mm	in	mm	in	mm	in
6S	5/8-18	-06	93,2	3.67	70,4	2.77	6,1	.24	69,3	2.73

NOTE: For correct socket part number, see page 65.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
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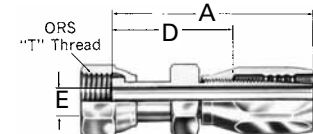
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

ORS Swivel Straight

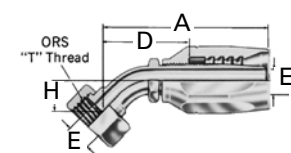
FJ9706-



Dash Size	"T" Thread	Hose Size	A		D		EØ	
FJ9706-			mm	in	mm	in	mm	in
0404S	9/16-18	-04	53,1	2.09	34,0	1.34	3,3	.13
0405S	9/16-18	-05	51,6	2.03	31,8	1.25	4,3	.17
0606S	11/16-16	-06	61,7	2.43	38,9	1.53	6,1	.24
0808S	13/16-16	-08	79,5	3.13	50,8	1.98	9,1	.36
1010S	1-14	-10	85,6	3.37	52,8	2.08	11,7	.46
1212S	13/16-12	-12	93,5	3.68	53,6	2.11	14,0	.55
1616S	17/16-12	-16	88,9	3.50	56,6	2.23	20,8	.82
2020S	111/16-12	-20	92,5	3.64	57,9	2.28	26,7	1.05
2424S	2-12	-24	98,0	3.86	60,9	2.40	32,0	1.26

ORS Swivel 45° Elbow

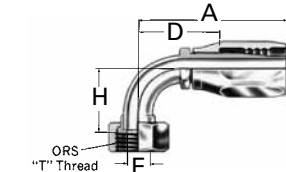
FJ9707-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H
FJ9707-			mm	in	mm	in	mm	in	mm
0404S	9/16-18	-04	49,8	1.96	30,7	1.21	3,3	.13	10,4
0606S	11/16-16	-06	57,7	2.27	34,8	1.37	5,6	.22	10,9
0806S	13/16-16	-06	68,1	2.68	45,2	1.78	6,1	.24	15,0
0808S	13/16-16	-08	77,0	3.03	47,8	1.88	9,1	.36	15,0
1010S	1-14	-10	85,9	3.38	52,8	2.08	11,7	.46	16,5
1212S	13/16-12	-12	97,5	3.84	57,7	2.27	14,0	.55	21,1
1616S	17/16-12	-16	91,9	3.62	59,7	2.35	19,3	.76	23,9
2020S	111/16-12	-20	103,9	4.09	69,1	2.72	25,7	1.01	25,4
2424S	2-12	-24	109,7	4.32	72,9	2.87	32,0	1.26	27,2

ORS Swivel 90° Elbow (Short drop)

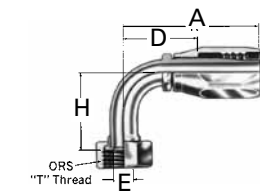
FJ9708-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H
FJ9708-			mm	in	mm	in	mm	in	mm
0404S	9/16-18	-04	45,7	1.80	26,7	1.05	3,3	.13	20,8
0606S	11/16-16	-06	54,1	2.13	31,2	1.23	5,6	.22	22,9
0808S	13/16-16	-08	70,1	2.76	40,9	1.61	9,1	.36	29,2
1010S	1-14	-10	77,0	3.03	44,2	1.74	11,7	.46	32,3
1212S	13/16-12	-12	95,0	3.74	55,1	2.17	14,0	.55	47,8
1616S	7/16-12	-16	90,2	3.55	57,9	2.28	19,3	.76	56,1
2020S	111/16-12	-20	102,1	4.02	67,3	2.65	25,7	1.01	63,8
2424S	2-12	-24	112,2	4.42	75,4	2.97	32,0	1.26	68,6

ORS Swivel 90° Elbow (Long drop)

FJ9709-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H
FJ9709-			mm	in	mm	in	mm	in	mm
0404S	9/16-18	-04	45,7	1.80	26,7	1.05	3,3	.13	45,7
0606S	11/16-16	-06	57,2	2.25	34,3	1.35	5,6	.22	54,1
0808S	13/16-16	-08	73,2	2.88	43,9	1.73	9,1	.36	63,8
1010S	1-14	-10	77,0	3.03	44,2	1.74	11,7	.46	70,1
1212S	13/16-12	-12	95,0	3.74	55,1	2.17	14,0	.55	96,0
1616S	7/16-12	-16	90,2	3.55	57,7	2.27	19,3	.76	114,3
2020S	111/16-12	-20	102,1	4.02	67,3	2.65	25,7	1.01	129,3
2424S	2-12	-24	112,2	4.42	75,4	2.97	32,0	1.26	140,7

NOTE: For correct socket part number, see page 65.

Reusable Fittings

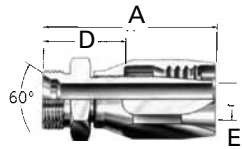
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

BSP Male

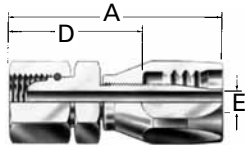
07.340-



Dash Size	"T" Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.340-								
4-4	1/4-19	-04	46,5	1.83	27,5	1.08	3,2	.13
6-6	3/8-19	-06	53,0	2.09	30,0	1.18	6,0	.24
8-8	1/2-14	-08	64,0	2.52	34,5	1.35	9,0	.35
10-10	5/8-14	-10	71,0	2.80	38,0	1.50	11,5	.45
12-12	3/4-14	-12	79,5	3.13	39,5	1.56	14,0	.55
16-16	1-11	-16	71,5	2.81	39,0	1.54	21,0	.83
20-20	1 1/4-11	-20	74,0	2.91	39,5	1.56	26,5	1.04
24-24	1 1/2-11	-24	77,5	3.05	40,5	1.59	32,5	1.28
32-32	2-11	-32	95,5	3.76	48,5	1.91	44,5	1.75

BSP Female Swivel

07.421-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.421-								
4-4	1/4-19	-04	52,0	2.05	33,0	1.30	3,0	.13
6-6	3/8-19	-06	59,5	2.34	36,5	1.44	6,0	.24
8-6	1/2-19	-06	61,0	2.40	38,0	1.50	6,0	.24
8-8	1/2-14	-08	70,0	2.76	40,5	1.59	9,0	.35
10-10	5/8-14	-10	75,5	2.97	43,0	1.69	11,5	.45
12-10	3/4-14	-10	77,0	3.03	44,0	1.73	11,5	.45
12-12	3/4-14	-12	84,5	3.33	44,5	1.75	14,0	.55
16-16	1-11	-16	78,0	3.07	45,5	1.79	21,0	.83
20-20	1 1/4-11	-20	81,5	3.21	47,0	1.85	26,5	1.04
24-24	1 1/2-11	-24	87,0	3.43	50,0	1.97	32,5	1.28
32-32	2-11	-32	101,0	3.98	54,0	2.13	44,5	1.75

*RØ dimension is tube O.D. and refers to mating component when not called out on the illustration.

NOTE: For correct socket part number, see page 65.

SPECIALTY &
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PRESSURE HOSE

HIGH PRESSURE HOSE

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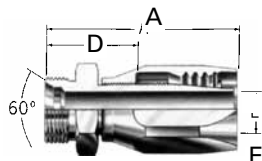
100R5 Style

For use with Hose:

302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Metric Male 60° DIN 7631/7647

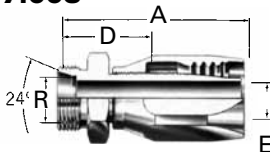
07.024-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.024-								
4-4	M12 x 1.5	-04	45,0	1.77	26,0	1.02	3,2	.13
6-5	M14 x 1.5	-05	47,5	1.87	27,5	1.08	4,5	.18
8-6	M16 x 1.5	-06	50,0	1.97	27,0	1.06	6,0	.24
10-8	M18 x 1.5	-08	59,0	2.32	30,0	1.18	9,0	.35
13-10	M22 x 1.5	-10	65,0	2.56	32,0	1.26	11,5	.45
16-12	M26 x 1.5	-12	72,5	2.85	32,5	1.28	14,0	.55
20-16	M30 x 1.5	-16	63,0	2.48	31,0	1.22	21,0	.83
25-20	M38 x 1.5	-20	67,5	2.66	33,0	1.30	26,5	1.04
32-24	M45 x 1.5	-24	70,0	2.76	33,0	1.30	32,5	1.28
40-32	M52 x 1.5	-32	84,0	3.31	37,0	1.46	44,5	1.28
50-32	M65 x 2	-32	87,0	3.42	40,0	1.57	44,5	1.75
60-40	M78 x 2	-40	94,5	3.72	46,0	1.81	56,0	2.20
70-48	M90 x 2	-48	100,5	3.96	52,0	2.05	71,0	2.80

Metric Male 24° DIN 3901/3902 I.Rh.

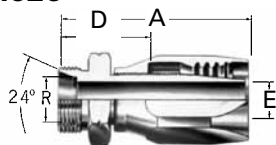
07.003-



Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.003-										
6-4	M12 x 1.5	-04	45,0	1.77	26,0	1.02	3,2	.13	6,0	.24
8-5	M14 x 1.5	-05	47,5	1.87	27,5	1.08	4,5	.18	8,0	.31
10-6	M16 x 1.5	-06	51,0	2.01	28,0	1.10	6,0	.24	10,0	.39
12-6	M18 x 1.5	-06	51,0	2.01	28,0	1.10	6,0	.24	12,0	.47
12-8	M18 x 1.5	-08	60,0	2.36	30,5	1.20	9,0	.35	12,0	.47
15-10	M22 x 1.5	-10	65,0	2.56	32,0	1.26	11,5	.45	15,0	.59
18-10	M26 x 1.5	-10	65,0	2.56	32,0	1.26	11,5	.45	18,0	.71
18-12	M26 x 1.5	-12	72,5	2.85	32,5	1.28	14,0	.55	18,0	.71
22-16	M30 x 2	-16	65,0	2.56	32,5	1.28	21,0	.83	22,0	.87
28-20	M36 x 2	-20	67,5	2.66	33,0	1.30	26,5	1.04	28,0	1.10
35-24	M45 x 2	-24	72,0	2.83	35,0	1.38	32,5	1.28	35,0	1.38
42-32	M52 x 2	-32	86,0	3.38	39,0	1.54	44,5	1.75	42,0	1.65

Metric Male 24° DIN 3901/3902 s.Rh.

07.026-



Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.026-										
8-4	M16 x 1.5	-04	47,0	1.85	28,0	1.10	3,2	.13	8,0	.31
10-5	M18 x 1.5	-05	49,5	1.95	29,5	1.16	4,5	.18	10,0	.39
12-6	M20 x 1.5	-06	52,0	2.05	29,0	1.14	6,0	.24	12,0	.47
14-8	M22 x 1.5	-08	63,0	2.48	33,5	1.32	9,0	.35	14,0	.55
16-10	M24 x 1.5	-10	67,0	2.64	34,0	1.34	11,5	.45	16,0	.63
20-12	M30 x 2	-12	78,5	3.09	38,5	1.52	14,0	.55	20,0	.79
25-16	M36 x 2	-16	69,0	2.72	36,5	1.44	21,0	.83	25,0	.98
30-20	M42 x 2	-20	73,5	2.89	39,0	1.54	26,5	1.04	30,0	1.18
38-24	M52 x 2	-24	80,0	3.15	43,0	1.69	32,5	1.28	38,0	1.50

*RØ dimension is tube O.D. and refers to mating component when not called out on the illustration.

NOTE: For correct socket part number, see page 65.

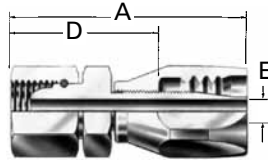
Reusable Fittings

100R5 Style

For use with Hose:

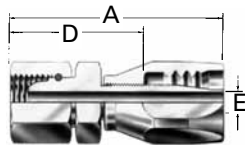
302A, 303, 1503, 2580, 2651,
FC234, FC300, FC321, FC350,
FC355

Metric Female Swivel 60° DIN 7631/7647 07.036-



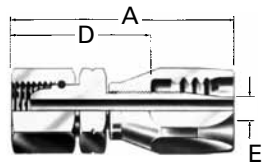
Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.036-								
20-16	M30 x 1.5	-16	72,5	2.85	40,9	1.61	21,0	.83
25-20	M38 x 1.5	-20	76,5	3.01	42,0	1.65	26,5	1.04
32-24	M45 x 1.5	-24	82,0	3.23	45,0	1.77	32,5	1.28
40-32	M52 x 1.5	-32	93,5	3.68	46,5	1.83	44,5	1.75
50-32	M65 x 2	-32	93,5	3.68	46,5	1.83	44,5	1.75
60-40	M78 x 2	-40	103,0	4.06	54,5	2.15	56,0	2.20
70-48	M90 x 2	-48	108,5	4.27	60,0	2.36	71,0	2.80

Metric Universal Female Swivel 24° DIN 3901/3902 I.Rh. 07.002-



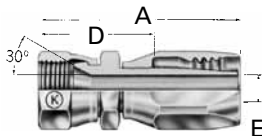
Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.002-										
4-4†	M12 x 1.5	-04	51,0	2.01	32,0	1.26	3,2	.13	6,0	.24
6-5†	M14 x 1.5	-05	53,5	2.11	33,5	1.32	4,5	.18	8,0	.31
8-6†	M16 x 1.5	-06	56,5	2.22	33,5	1.32	6,0	.24	10,0	.39
10-8†	M18 x 1.5	-08	67,0	2.64	37,5	1.48	9,0	.35	12,0	.47
13-10†	M22 x 1.5	-10	73,0	2.87	40,5	1.59	11,5	.45	15,0	.59
16-12†	M26 x 1.5	-12	83,5	3.29	43,5	1.71	14,0	.55	18,0	.71
22-16	M30 x 2	-16	74,0	2.91	41,5	1.63	21,0	.83	22,0	.87
28-20	M36 x 2	-20	78,0	3.07	43,5	1.71	26,5	1.04	28,0	1.10
35-24	M45 x 2	-24	81,5	3.21	44,5	1.75	32,5	1.28	35,0	1.38
42-32	M52 x 2	-32	94,0	3.70	47,0	1.85	44,5	1.75	42,0	1.65

Metric Universal Female Swivel 24° DIN 3901/3902 s.Rh. 07.155-



Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.155-										
8-4	M16 x 1.5	-04	52,5	2.07	33,5	1.32	3,2	.13	08,0	.31
10-5	M18 x 1.5	-05	55,0	2.17	35,0	1.38	4,5	.18	10,0	.39
12-6	M20 x 1.5	-06	59,5	2.34	36,5	1.44	6,0	.24	12,0	.47
14-8	M22 x 1.5	-08	68,5	2.70	39,0	1.54	9,0	.35	14,0	.55
16-10	M24 x 1.5	-10	74,5	2.93	41,5	1.63	11,5	.45	16,0	.63
20-12	M30 x 2	-12	85,5	3.37	45,5	1.79	14,0	.55	20,0	.79
25-16	M36 x 2	-16	75,0	2.95	42,5	1.67	21,0	.83	25,0	.98
30-20	M42 x 2	-20	78,5	3.09	44,0	1.73	26,5	1.04	30,0	1.18
38-24	M52 x 2	-24	84,0	3.31	47,0	1.85	32,5	1.28	38,0	1.50

Komatsu 30° Metric Female Swivel FC5954-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FC5954-								
0306S	M18 x 1.5	-06	63,3	2.49	40,4	1.59	6,1	.24
0410S	M22 x 1.5	-10	78,7	3.10	46,2	1.82	9,4	.37
0512S	M24 x 1.5	-12	90,2	3.55	50,3	1.98	12,2	.48
0612S	M30 x 1.5	-12	95,5	3.76	55,6	2.19	14,0	.55
1016S	M33 x 1.5	-16	90,2	3.55	57,9	2.28	20,8	.82
1424S	M42 x 1.5	-24	107,7	4.12	67,8	2.67	30,2	1.19

*RØ dimension is tube O.D. and refers to mating component when not called out on the illustration.

NOTE: For correct socket part number, see page 65.

† Universal fitting also mates with DIN 7631/7647 60° connections.

SPECIALTY &
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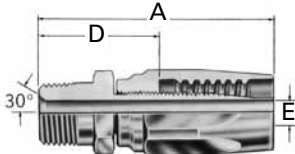
100R1 TTC

For use with Hose:

GH663¹

Male Pipe

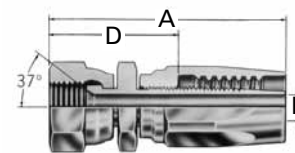
FC7985-



Dash Size	Thread	Hose Size	A		D		EØ	
FC7985-			mm	in	mm	in	mm	in
0204S	1/8-27	-04	55,1	2.17	28,7	1.13	4,3	.17
0404S	1/4-18	-04	59,9	2.36	33,5	1.32	4,3	.17
0406S	1/4-18	-06	68,1	2.68	39,4	1.55	7,6	.30
0606S	3/8-18	-06	68,1	2.68	39,4	1.55	7,9	.31
0608S	3/8-18	-08	71,6	2.82	34,3	1.35	9,9	.39
0808S	1/2-14	-08	78,0	3.07	40,6	1.60	9,9	.39
1212S	3/4-14	-12	90,2	3.55	49,5	1.95	15,5	.61
1616S	1-11 1/2	-16	108,0	4.25	54,1	2.13	20,8	.82

SAE 37° (JIC) Swivel

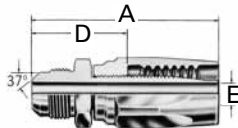
FC7988-



Dash Size	Thread	Hose Size	A		D		EØ	
FC7988-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	63,5	2.50	37,1	1.46	4,3	.17
0606S	9/16-18	-06	73,9	2.91	45,2	1.78	7,9	.31
0808S	3/4-16	-08	80,8	3.18	43,8	1.70	9,9	.39
1212S	1 1/16-12	-12	96,5	3.80	55,9	2.20	15,5	.61
1616S	1 5/16-12	-16	110,0	4.33	56,1	2.21	20,8	.82

SAE 37° (JIC) Male Flare

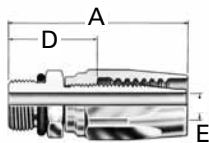
FC7986-



Dash Size	Thread	Hose Size	A		D		EØ	
FC7986-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	59,4	2.34	33,0	1.30	4,3	.17
0606S	9/16-18	-06	67,8	2.67	39,1	1.54	7,9	.31
0808S	3/4-16	-08	75,4	2.97	38,1	1.50	9,9	.39
1212S	1 1/16-12	-12	93,0	3.66	52,3	2.06	15,5	.61
1616S	1 5/16-12	-16	107,4	4.23	53,3	2.10	20,8	.82

SAE Male O-Ring Boss

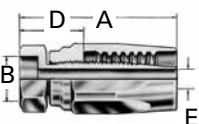
FC7987-



Dash Size	Thread	Hose Size	A		D		EØ	
FC7987-			mm	in	mm	in	mm	in
0606S	9/16-18	-06	63,5	2.50	34,8	1.37	7,9	.31
0808S	3/4-16	-08	68,3	2.69	31,0	1.22	9,9	.39
1212S	1 1/16-12	-12	86,4	3.40	45,7	1.80	15,5	.61
1616S	1 5/16-12	-16	96,0	3.78	41,9	1.65	20,8	.82

Lifesaver*

FC7989-



Dash Size	Thread	Hose Size	A		B*		D		EØ	
FC7989-			mm	in	mm	in	mm	in	mm	in
0404S	1/4	-04	48,0	1.89	6,4	.25	21,6	.85	4,3	.17
0606S	3/8	-06	54,6	2.15	9,7	.38	25,9	1.02	7,9	.31
0808S	1/2	-08	60,5	2.38	12,7	.50	23,1	.91	9,9	.39
1212S	3/4	-12	71,1	2.80	19,1	.75	30,5	1.20	15,5	.61
1616S	1	-16	81,0	3.19	25,4	1.00	26,9	1.06	20,8	.82

*"B" dimension is counterbore for mating tubing.

¹ SAE 100R1 pressures only.

Reusable Fittings

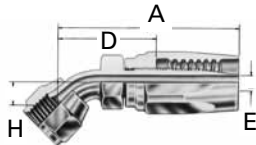
100R1 TTC

For use with Hose:

GH663¹

SAE 37° (JIC) Swivel 45° Elbow

FC7990-



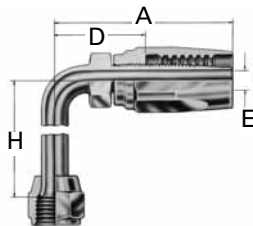
Dash Size	Thread	Hose Size	A		D		EØ		HØ	
			mm	in	mm	in	mm	in	mm	in
FC7990-										
0404S	7/16-20	-04	60,2	2.37	33,8	1.33	4,3	.17	8,4	.33
0606S	9/16-18	-06	69,9	2.75	41,1	1.62	7,9	.31	9,9	.39
0808S	3/4-16	-08	82,3	3.24	45,0	1.77	9,9	.39	14,0	.55
1212S	1 1/16-12	-12	103,9	4.09	63,2	2.49	15,5	.61	19,8	.78
1616S	1 5/16-12	-16	124,0	4.88	69,9	2.75	20,8	.82	27,2	1.07

SAE 37° (JIC) Swivel 90° Elbow (Short)

FC7992-

SAE 37° (JIC) Swivel 90° Elbow (Long)

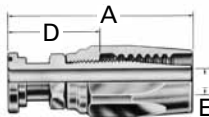
FC7991-



Dash Size	Thread	Hose Size	A		D		EØ		HØ	
			mm	in	mm	in	mm	in	mm	in
FC7992-										
0404S	7/16-20	-04	57,4	2.26	31,0	1.22	4,3	.17	17,3	.68
0606S	9/16-18	-06	67,3	2.65	38,6	1.52	7,9	.31	21,6	.85
0808S	3/4-16	-08	76,2	3.00	39,1	1.54	9,9	.39	27,7	1.09
1212S	1 1/16-12	-12	102,9	4.05	62,2	2.45	15,5	.61	46,2	1.82
1616S	1 5/16-12	-16	119,1	4.69	65,0	2.56	20,8	.82	60,7	2.39
FC7991-										
0404S	7/16-20	-04	57,4	2.26	31,0	1.22	4,3	.17	45,7	1.80
0606S	5/16-18	-06	67,3	2.65	38,6	1.52	7,9	.31	55,4	2.18
0808S	3/4-16	-08	79,5	3.13	42,2	1.66	9,9	.39	61,7	2.43
1008S	7/8-14	-08	85,9	3.38	48,5	1.91	9,9	.39	65,3	2.57
1212S	1 1/16-12	-12	102,9	4.05	62,2	2.45	15,5	.61	94,7	3.73
1616S	1 5/16-12	-16	119,1	4.69	65,0	2.56	20,8	.82	116,3	4.58

Code 61 SAE J518 Straight Split Flange

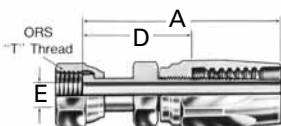
FC5075-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FC5075-								
0808S	1.19	-08	76,5	3.01	39,1	1.54	9,9	.39
1212S	1.50	-12	88,1	3.47	47,5	1.87	15,5	.61
1616S	1.75	-16	114,3	4.50	60,5	2.38	20,8	.82

ORS Swivel Straight

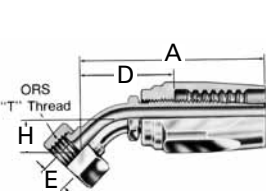
FJ9724-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ9724-								
0404S	7/16-20	-04	60,2	2.37	33,8	1.33	4,3	.17
0404S	9/16-18	-04	66,5	2.62	40,1	1.58	4,1	.16
0606S	1 1/16-16	-06	74,9	2.95	46,2	1.82	6,6	.26
0808S	1 3/16-16	-08	85,9	3.38	48,5	1.91	9,1	.36
1212S	1 3/16-12	-12	101,6	4.00	60,9	2.40	14,0	.55
1616S	1 7/16-12	-16	117,9	4.64	63,8	2.51	19,8	.78

ORS Swivel 45° Elbow

FJ9725-



Dash Size	Thread	Hose Size	A		D		EØ		HØ	
			mm	in	mm	in	mm	in	mm	in
FJ9725-										
0404S	9/16-18	-04	63,0	2.48	36,6	1.44	4,3	.17	10,4	.41
0606S	1 1/16-16	-06	70,9	2.79	42,2	1.66	6,6	.26	10,9	.43
0808S	1 3/16-16	-08	83,3	3.28	46,0	1.81	9,7	.38	15,0	.59
1212S	1 3/16-12	-12	105,4	4.15	63,5	2.50	15,5	.61	21,1	.83
1616S	1 7/16-12	-16	120,9	4.76	67,1	2.64	20,6	.81	23,9	.94

¹ SAE 100R1 pressures only.

NOTE: For correct socket part number, see page 65.

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

Reusable Fittings

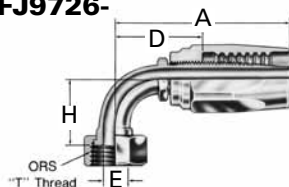
100R1 TTC

For use with Hose:

GH663¹

ORS Swivel 90° Elbow Short Drop

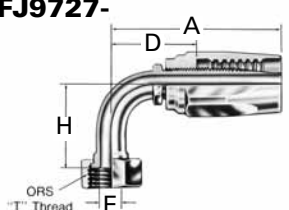
FJ9726-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC9726-										
0404S	9/16-18	-04	58,9	2.32	32,5	1.28	4,3	.17	20,8	.82
0606S	11/16-16	-06	67,3	2.65	38,6	1.52	6,6	.26	22,9	.90
0808S	13/16-16	-08	76,5	3.01	39,1	1.54	9,7	.38	29,2	1.15
1212S	13/16-12	-12	102,9	4.05	62,2	2.45	15,5	.61	47,8	1.88
1616S	17/16-12	-16	119,1	4.69	65,3	2.57	20,6	.81	56,1	2.21

ORS Swivel 90° Elbow Long Drop

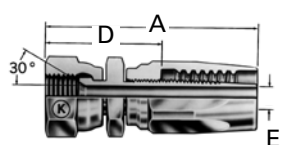
FJ9727-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC9727-										
0404S	9/16-18	-04	58,9	2.32	32,5	1.28	4,3	.17	45,7	1.80
0606S	11/16-16	-06	70,4	2.77	41,7	1.64	6,6	.26	54,1	2.13
0808S	13/16-16	-08	79,5	3.13	42,2	1.66	9,7	.38	63,8	2.51
1212S	13/16-12	-12	102,9	4.05	62,2	2.45	15,5	.61	96,0	3.78
1616S	17/16-12	-16	119,1	4.69	65,3	2.57	20,6	.81	114,3	4.50

30° Swivel-Metric Threads Special Komatsu

FJ7199-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ7199-								
0306S	M18x1.5	-06	77,2	3.04	48,3	1.90	6,4	.25
0408S	M22x1.5	-08	83,8	3.30	46,2	1.82	9,4	.37
0512S	M24x1.5	-12	98,0	3.86	57,4	2.26	12,2	.48
0612S	M30x1.5	-12	102,1	4.02	61,5	2.42	15,5	.61
1016S	M33x1.5	-16	119,9	4.72	65,8	2.59	20,3	.80

¹ SAE 100R1 pressures only.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

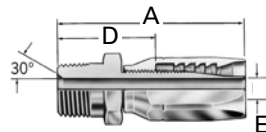
Hi-Pac

For use with Hose:

FC310, FC510

Male Pipe

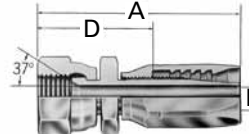
FC5131-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5131-			mm	in	mm	in	mm	in
0404S	1/4-18	-04	62,5	2.46	31,5	1.24	4,3	.17
0406S	1/4-18	-06	69,9	2.75	32,5	1.28	7,9	.31
0606S	3/8-18	-06	69,9	2.75	32,5	1.28	7,9	.31
0808S	1/2-14	-08	74,5	3.09	36,6	1.44	9,9	.39
1212S	3/4-14	-12	91,7	3.61	44,2	1.74	15,5	.61
1616S	1-11 1/2	-16	111,8	4.40	58,2	2.29	20,8	.82
*2020S	1 1/4-11 1/2	-20	129,5	5.10	63,0	2.48	26,7	1.05

SAE 37° (JIC) Swivel

FC5130-

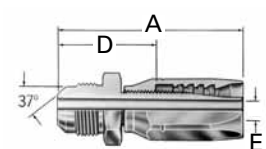


Dash Size	Thread	Hose Size	A		D		EØ	
FC5130-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	66,0	2.60	35,1	1.38	4,3	.17
0606S	9/16-18	-06	75,7	2.98	38,4	1.51	7,9	.31
0806S	3/4-16	-06	79,0	3.11	41,7	1.64	7,9	.31
0808S	3/4-16	-08	81,3	3.20	40,9	1.61	9,9	.39
1008S	7/8-14	-08	84,1	3.31	45,7	1.80	9,9	.39
1010S	7/8-14	-10	87,4	3.44	46,5	1.83	12,7	.50
1212S	1 1/16-12	-12	98,0	3.86	50,5	1.99	15,5	.61
1616S	1 5/16-12	-16	113,8	4.48	60,2	2.37	20,8	.82
*2020S	1 5/8-12	-20	129,5	5.10	62,7	2.47	26,7	1.05

SAE 37° (JIC)

Male Flare

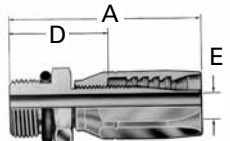
FC5133-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5133-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	62,0	2.44	31,2	1.23	4,3	.17
0606S	9/16-18	-06	69,9	2.75	32,3	1.27	7,6	.30
0806S	3/4-16	-06	73,9	2.91	36,3	1.43	7,9	.31
0808S	3/4-16	-08	75,9	2.99	34,0	1.34	9,9	.39
1008S	7/8-14	-08	78,7	3.10	36,6	1.44	9,9	.39
1010S	7/8-14	-10	81,8	3.22	40,9	1.61	12,2	.48
1212S	1 1/16-12	-12	94,5	3.72	47,0	1.85	15,5	.61
1412S	1 3/16-12	-12	95,5	3.76	47,8	1.88	15,5	.61
1616S	1 5/16-12	-16	111,3	4.38	57,7	2.27	20,8	.82
*2020S	1 5/8-12	-20	124,0	4.88	62,7	2.47	26,7	1.05

SAE Male O-Ring Boss

FC5379†-



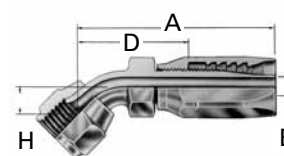
Dash Size	Thread	Hose Size	A		D		EØ	
FC5379-			mm	in	mm	in	mm	in
1008S	7/8-14	-08	72,1	2.84	30,2	1.19	9,9	.39
1208S	9/16-12	-08	76,2	3.00	34,3	1.35	9,9	.39
1616S	1 5/16-12	-16	99,8	3.93	46,2	1.82	20,8	.82
*2020S	1 5/8-12	-20	111,3	4.38	50,8	1.98	26,7	1.05

†O-ring not included. See pages 194, 195 for o-rings.

SAE 37° (JIC) Swivel

45° Elbow

FC5144-



Dash Size	Thread	Hose Size	A		D		EØ		H
FC5144-			mm	in	mm	in	mm	in	mm
0404S	7/16-20	-04	62,7	2.47	31,8	1.25	4,3	.17	8,4
0606S	9/16-18	-06	71,6	2.82	34,3	1.35	7,9	.31	9,9
0806S	3/4-16	-06	80,5	3.17	43,8	1.70	7,9	.31	14,0
0808S	3/4-16	-08	83,8	3.30	43,9	1.73	9,9	.39	14,0
1008S	7/8-14	-08	87,6	3.45	42,2	1.66	9,9	.39	16,3
1010S	7/8-20	-10	89,9	3.54	50,5	1.99	12,7	.50	16,3
1212S	1 1/16-12	-12	105,4	4.15	57,9	2.28	15,5	.61	19,8
1616S	1 5/16-12	-16	127,8	5.03	74,2	2.92	20,8	.82	27,2
*2020S	1 5/8-12	-20	149,1	5.87	87,9	3.46	26,7	1.05	31,0

*FC310 only

NOTE: For correct socket part number, see page 65.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
EQUIPMENT

APPENDICES

Reusable Fittings

Hi-Pac

For use with Hose:

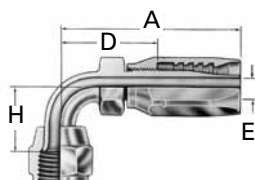
FC310, FC510

SAE 37° (JIC) Swivel 90° Elbow (Short)

FC5143-

SAE 37° (JIC) Swivel 90° Elbow (Long)

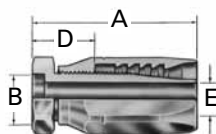
FC5142-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC5143-										
0404S	7/16-20	-04	59,9	2.36	29,2	1.15	4,3	.17	17,3	.68
0606S	9/16-18	-06	69,1	2.72	31,8	1.25	7,9	.31	21,6	.85
0806S	3/4-16	-06	74,7	2.94	37,1	1.46	7,9	.31	27,7	1.09
0808S	3/4-16	-08	76,7	3.02	35,1	1.38	9,9	.39	27,7	1.09
1008S	7/8-14	-08	80,0	3.15	38,1	1.50	9,9	.39	31,2	1.23
1010S	7/8-14	-10	83,3	3.28	42,4	1.67	12,7	.50	31,2	1.23
1212S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	46,2	1.82
1616S	1 5/16-12	-16	122,9	4.84	69,3	2.73	20,8	.82	60,7	2.39
*2020S	1 5/8-12	-20	144,0	5.67	83,1	3.27	26,7	1.05	69,9	2.75
FC5142-										
0404S	7/16-20	-04	59,9	2.36	29,2	1.15	4,3	.17	45,7	1.80
0606S	9/16-18	-06	69,1	2.72	31,8	1.25	7,9	.31	55,4	2.18
0806S	3/4-16	-06	77,7	3.06	40,3	1.59	7,9	.31	61,7	2.43
0808S	3/4-16	-08	80,0	3.15	38,1	1.50	9,9	.39	61,7	2.43
1008S	7/8-14	-08	86,4	3.40	44,5	1.75	9,9	.39	65,3	2.57
1010S	7/8-14	-10	89,7	3.53	48,8	1.92	12,7	.50	65,3	2.57
1212S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	94,7	3.73
1616S	1 5/16-12	-16	122,9	4.84	69,3	2.73	20,8	.82	116,3	4.58
*2020S	1 5/8-12	-20	144,0	5.67	83,1	3.27	26,7	1.05	140,5	5.53

Lifesaver[†]

FC5380-

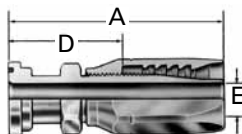


Dash Size	Thread	Hose Size	A		B†		D		EØ	
			mm	in	mm	in	mm	in	mm	in
FC5380-										
0404S	1/4	-04	50,5	1.99	6,4	.25	19,6	.77	4,3	.17
0606S	3/8	-06	56,4	2.22	9,7	.38	19,1	.75	7,9	.31
0808S	1/2	-08	60,9	2.40	12,7	.50	19,1	.75	9,9	.39
1010S	5/8	-10	64,3	2.53	15,7	.62	23,4	.92	12,7	.50
1212S	3/4	-12	72,6	2.86	19,1	.75	25,1	.99	15,5	.61
1616S	1	-16	84,8	3.34	25,4	1.00	31,2	1.23	20,8	.82
*2020S	1 1/4	-20	99,6	3.92	31,8	1.25	38,6	1.52	26,7	1.05

† "B" dimension is counterbore diameter for mating tubing.

Code 61 SAE J518 Straight Split Flange

FC5135-



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ	
	mm in		mm	in	mm	in	mm	in
FC5135-								
0808S	30,2 1.19	-08	77,0	3.03	35,1	1.38	9,9	.39
1208S	38,1 1.50	-08	78,0	3.07	36,1	1.42	9,9	.39
1212S	38,1 1.50	-12	89,7	3.53	42,2	1.66	15,5	.61
1612S	44,5 1.75	-12	99,6	3.92	52,1	2.05	15,5	.61
1616S	44,5 1.75	-16	118,1	4.65	64,5	2.54	20,8	.82
2016S	50,8 2.00	-16	118,1	4.65	64,5	2.54	20,8	.82
*2020S	50,8 2.00	-20	132,8	5.23	71,9	2.83	26,7	1.05

*FC310 only

NOTE: For correct socket part number, see page 65.

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

Reusable Fittings

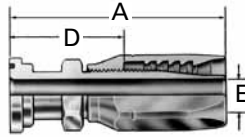
Hi-Pac

For use with Hose:

FC310, FC510

Code 61 SAE J518 22½° Split Flange

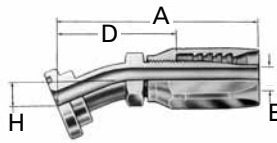
FC5136-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC5136-											
0808S	30,2	1.19	-08	95,5	3.76	53,6	2.11	9,9	.39	12,7	.50
1212S	38,1	1.50	-12	109,7	4.32	62,0	2.44	15,5	.61	12,7	.50
1612S	44,5	1.75	-12	109,7	4.32	62,0	2.44	15,5	.61	12,7	.50
1616S	44,5	1.75	-16	122,9	4.84	69,3	2.73	20,8	.82	12,7	.50
2016S	50,8	2.00	-16	122,9	4.84	69,3	2.73	20,8	.82	12,7	.50
*2020S	50,8	2.00	-20	138,9	5.47	78,0	3.07	26,7	1.05	12,7	.50

Code 61 SAE J518 30° Split Flange

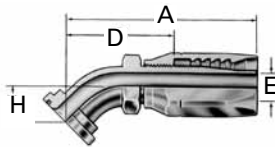
FC5137-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC5137-											
1212S	38,1	1.50	-12	111,3	4.38	63,8	2.51	15,5	.61	17,5	.69
1612S	44,5	1.75	-12	111,3	4.38	63,8	2.51	15,5	.61	17,5	.69
1616S	44,5	1.75	-16	117,1	4.61	63,5	2.50	20,8	.82	12,7	.50
2016S	50,8	2.00	-16	117,1	4.61	63,5	2.50	20,8	.82	12,7	.50
*2020S	50,8	2.00	-20	153,7	6.05	92,7	3.65	26,7	1.05	24,4	.96

Code 61 SAE J518 45° Split Flange

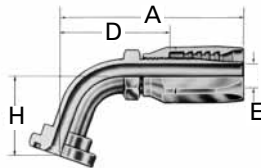
FC5138-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC5138-											
0808S	30,2	1.19	-08	94,2	3.71	52,3	2.06	9,9	.39	25,4	1.00
1212S	38,1	1.50	-12	110,2	4.34	62,7	2.47	15,5	.61	25,4	1.00
1612S	44,5	1.75	-12	111,5	4.39	64,0	2.52	15,5	.61	25,4	1.00
1616S	44,5	1.75	-16	129,3	5.09	75,7	2.98	20,8	.82	28,4	1.12
2016S	50,8	2.00	-16	129,3	5.09	75,7	2.98	20,8	.82	28,4	1.12
*2020S	50,8	2.00	-20	146,6	5.77	85,6	3.37	26,7	1.05	28,4	1.12

Code 61 SAE J518 60° Split Flange

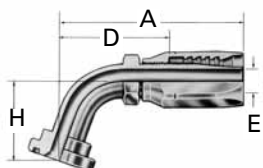
FC5139-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC5139-											
1212S	38,1	1.50	-12	114,8	4.52	67,3	2.65	15,5	.61	41,1	1.62
1612S	44,5	1.75	-12	114,8	4.52	67,3	2.65	15,5	.61	41,1	1.62
1616S	44,5	1.75	-16	130,8	5.15	77,2	3.04	20,8	.82	41,7	1.64
2016S	50,8	2.00	-16	130,8	5.15	77,2	3.04	20,8	.82	41,7	1.64
*2020S	50,8	2.00	-20	149,4	5.88	88,4	3.48	26,7	1.05	41,7	1.64

Code 61 SAE J518 67½° Split Flange

FC5140-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC5140-											
0808S	30,2	1.19	-08	88,1	3.47	46,2	1.82	9,9	.39	35,1	1.38
1212S	38,1	1.50	-12	111,0	4.37	63,5	2.50	15,5	.61	41,1	1.62
1612S	44,5	1.75	-12	111,0	4.37	63,5	2.50	15,5	.61	41,1	1.62
1616S	44,5	1.75	-16	128,7	5.07	75,2	2.96	20,8	.82	44,5	1.75
2016S	50,8	2.00	-16	128,7	5.07	75,2	2.96	20,8	.82	44,5	1.75
*2020S	50,8	2.00	-20	149,1	5.87	87,9	3.46	26,7	1.05	47,8	1.88

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

Note: For correct socket part number, see page 65.

*FC310 only

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
EQUIPMENT

APPENDICES

Reusable Fittings

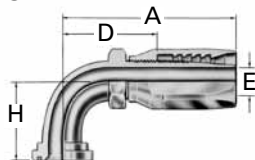
Hi-Pac

For use with Hose:

FC310, FC510

Code 61 SAE J518 90° Split Flange

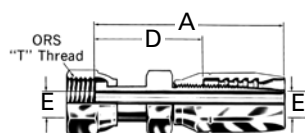
FC5141-



Dash Size	Flange Head Dia.	Hose Size	A	D	EØ	H
	mm in		mm in	mm in	mm in	mm in
FC5141-						
0808S	30,2 1.19	-08	80,0 3.15	38,1 1.50	9,9 .39	41,1 1.62
1208S	38,1 1.50	-08	80,0 3.15	38,1 1.50	9,9 .39	41,1 1.62
1212S	38,1 1.50	-12	104,4 4.11	56,9 2.24	15,5 .61	53,8 2.12
1612S	44,5 1.75	-12	104,4 4.11	56,9 2.24	15,5 .61	53,8 2.12
1616S	44,5 1.75	-16	122,9 4.84	69,3 2.73	20,8 .82	60,5 2.38
2016S	50,8 2.00	-16	122,9 4.84	69,3 2.73	20,8 .82	60,5 2.38
*2020S	50,8 2.00	-20	144,0 5.67	82,8 3.26	26,7 1.05	63,5 2.50

ORS Swivel Straight

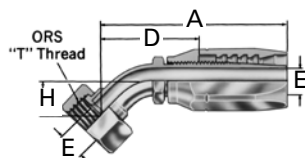
FJ9728-



Dash Size	Flange Head Dia.	Hose Size	A	D	EØ	H
			mm in	mm in	mm in	
FJ9728-						
0404S	9/16-18	-04	68,8 2.71	38,1 1.50	4,3 .17	
0606S	11/16-16	-06	76,7 3.02	39,4 1.55	6,6 .26	
0808S	13/16-16	-08	86,4 3.40	44,5 1.75	9,9 .39	
1010S	1-14	-10	91,9 3.62	51,1 2.01	12,7 .50	
1212S	13/16-12	-12	102,9 4.05	55,4 2.18	15,5 .61	
1616S	17/16-12	-16	121,4 4.78	68,1 2.68	20,8 .82	
*2020S	111/16-12	-20	134,6 5.30	73,7 2.90	26,7 1.05	

ORS Swivel 45° Elbow

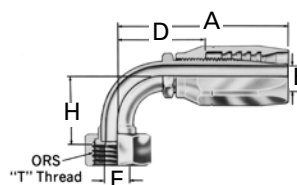
FJ9729-



Dash Size	Flange Head Dia.	Hose Size	A	D	EØ	H
			mm in	mm in	mm in	mm in
FJ9729-						
0404S	9/16-18	-04	65,5 2.58	34,5 1.36	3,8 .15	10,4 .41
0606S	11/16-16	-06	72,6 2.86	35,3 1.39	6,1 .24	10,9 .43
0808S	13/16-16	-08	83,8 3.30	41,9 1.65	9,4 .37	15,0 .59
1010S	1-14	-10	91,9 3.62	51,1 2.01	11,7 .46	16,5 .65
1212S	13/16-12	-12	106,9 4.21	59,4 2.34	14,7 .58	21,1 .83
1616S	17/16-12	-16	124,7 4.91	71,1 2.80	19,3 .76	23,9 .94
*2020S	111/16-12	-20	145,8 5.74	84,8 3.34	25,7 1.01	25,4 1.00

ORS Swivel 90° Elbow Short Drop

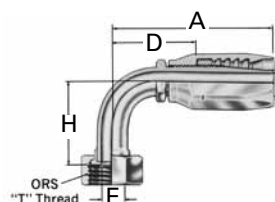
FJ9730-



Dash Size	Flange Head Dia.	Hose Size	A	D	EØ	H
			mm in	mm in	mm in	mm in
FJ9730-						
0404S	9/16-18	-04	61,5 2.42	30,7 1.21	3,8 .15	20,8 .82
0606S	11/16-16	-06	69,1 2.72	31,8 1.25	6,1 .24	22,9 .90
0808S	13/16-16	-08	76,7 3.02	35,1 1.38	9,4 .37	29,2 1.15
1010S	1-14	-10	83,3 3.28	42,4 1.67	11,7 .46	32,3 1.27
1212S	13/16-12	-12	104,4 4.11	56,9 2.24	14,7 .58	47,8 1.88
1616S	17/16-12	-16	122,9 4.84	69,3 2.73	19,3 .76	56,1 2.21
*2020S	111/16-12	-20	144,0 5.67	82,8 3.26	25,7 1.01	63,8 2.51

ORS Swivel 90° Elbow Long Drop

FJ9731-



Dash Size	Flange Head Dia.	Hose Size	A	D	EØ	H
			mm in	mm in	mm in	mm in
FJ9731-						
0404S	9/16-18	-04	61,5 2.42	30,7 1.21	3,8 .15	45,7 1.80
0606S	11/16-16	-06	72,4 2.85	34,8 1.37	6,1 .24	54,1 2.13
0808S	13/16-16	-08	80,0 3.15	38,1 1.50	9,4 .37	63,8 2.51
1010S	1-14	-10	83,3 3.28	42,4 1.67	11,7 .46	70,1 2.76
1212S	13/16-12	-12	104,4 4.11	56,9 2.24	14,7 .58	96,0 3.78
1616S	17/16-12	-16	122,9 4.84	69,3 2.73	19,3 .76	114,3 4.50
*2020S	111/16-12	-20	144,0 5.67	82,8 3.26	25,7 1.01	129,3 5.09

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

Note: For correct socket part number, see page 65.

*FC310 only

Reusable Fittings

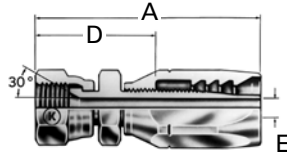
Hi-Pac

For use with Hose:

FC310, FC510

30° Swivel-Metric Threads Special Komatsu

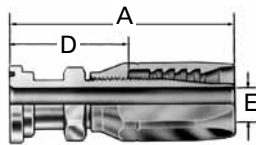
FJ7201-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ7201-								
0306S	M18x1.5	-06	79,0	3.11	41,7	1.64	6,4	.25
0408S	M22x1.5	-08	84,3	3.32	42,2	1.66	9,4	.37
0510S	M24x1.5	-10	90,9	3.58	50,0	1.97	12,7	.50
0612S	M30x1.5	-12	103,6	4.08	56,4	2.22	15,5	.61
1016S	M33x1.5	-16	123,4	4.86	70,1	2.76	20,3	.80
1220S	M36x1.5	-20	138,7	5.46	77,7	3.06	24,1	.95

Komatsu Split Flange

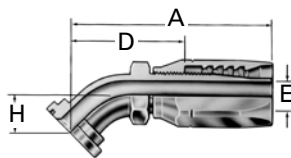
FJ7202-



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ	
	mm in		mm	in	mm	in	mm	in
FJ7202-								
1010S	34,3 1.35	-10	114,8	4.52	73,9	2.91	11,7	.46

Komatsu Split Flange 45° Elbow

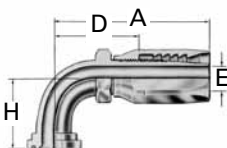
FJ7203-



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ		H
	mm in		mm	in	mm	in	mm	in	mm in
FJ7203-									
1010S	34,3 1.35	-10	96,5	3.80	55,6	2.19	11,7	.46	21,8 .86

Komatsu Split Flange 90° Elbow

FJ7204-



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ		H
	mm in		mm	in	mm	in	mm	in	mm in
FJ7204-									
1010S	34,3 1.35	-10	89,7	3.53	48,8	1.92	11,7	.46	76,7 3.02

Note: For correct socket part number, see page 65.

*FC310 only

Komatsu split flange fittings require the use of a special o-ring.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

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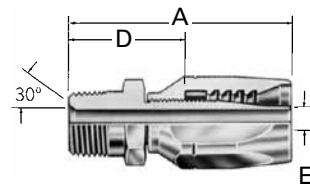
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

Male Pipe

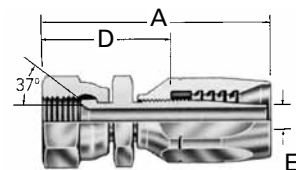
4722-



Dash Size	Thread	Hose Size	A		D		EØ	
4722-			mm	in	mm	in	mm	in
4-4S	1/4-18	-04	63,5	2.50	32,0	1.26	4,3	.17
6-4S	3/8-18	-04	65,0	2.56	33,5	1.32	4,3	.17
6-6S	3/8-18	-06	69,9	2.75	32,5	1.28	7,9	.31
6-8S	3/8-18	-08	72,1	2.84	33,5	1.32	9,9	.39
8-8S	1/2-14	-08	74,5	3.09	40,1	1.58	9,9	.39
8-10S	1/2-14	-10	80,8	3.18	41,4	1.63	12,7	.50
12-12S	3/4-14	-12	91,7	3.61	44,2	1.74	15,5	.61
16-12S	1-11 1/2	-12	99,6	3.92	52,3	2.06	15,5	.61
16-16S	1-11 1/2	-16	111,8	4.40	59,9	2.36	20,8	.82
20-20S	1 1/4-11 1/2	-20	124,5	4.90	65,8	2.59	26,7	1.05
24-24S	1 1/2-11 1/2	-24	126,5	4.98	69,6	2.74	32,5	1.28
32-32S	2-11 1/2	-32	139,7	5.50	77,5	3.05	44,5	1.75

SAE 37° (JIC) Swivel

4721-



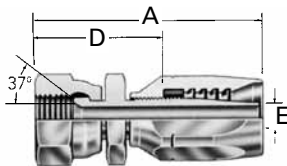
Dash Size	Thread	Hose Size	A		D		EØ	
4721-			mm	in	mm	in	mm	in
4-4S	7/16-20	-04	67,1	2.64	35,8	1.41	4,3	.17
5-4S	1 1/2-20	-04	69,1	2.72	37,8	1.49	4,3	.17
6-4S	9/16-18	-04	70,9	2.79	39,6	1.56	4,3	.17
6-6S	9/16-18	-06	75,7	2.98	38,4	1.51	6,6	.26
8-6S	3/4-16	-06	79,0	3.11	41,4	1.63	7,9	.31
8-8S	3/4-16	-08	81,3	3.20	42,7	1.68	9,9	.39
10-8S	7/8-14	-08	84,1	3.31	45,7	1.80	9,9	.39
12-8S	1 1/16-12	-08	86,4	3.40	48,0	1.89	9,9	.39
10S	7/8-14	-10	86,4	3.40	47,0	1.85	12,7	.50
12-10S	1 1/16-12	-10	88,9	3.50	49,3	1.94	12,7	.50
12S	1 1/16-12	-12	98,0	3.86	50,5	1.99	15,5	.61
14-12S	1 3/16-12	-12	100,1	3.94	52,3	2.06	15,5	.61
16-12S	1 5/16-12	-12	101,6	4.00	54,1	2.13	15,5	.61
16S	1 5/16-12	-16	113,8	4.48	61,7	2.43	20,8	.82
20S	1 5/8-12	-20	129,5	5.10	70,6	2.78	26,7	1.05
24S	1 7/8-12	-24	131,1	5.16	74,4	2.93	32,5	1.28
32S	2 1/2-12	-32	149,9	5.90	88,1	3.47	44,5	1.75

SAE 37° (JIC) Swivel

4721-

316 stainless steel

259-4721-



Dash Size	Thread	Hose Size	A		D		EØ	
259-4721-			mm	in	mm	in	mm	in
4-4	7/16-20	-04	67,1	2.64	35,8	1.41	4,3	.17
6-4	9/16-18	-04	70,9	2.79	39,6	1.56	4,3	.17
6-6	9/16-18	-06	75,7	2.98	38,4	1.51	6,6	.26
8-6	3/4-16	-06	79,0	3.11	41,7	1.64	7,9	.31
8-8	3/4-16	-08	81,3	3.20	42,7	1.68	9,9	.39
10-8	7/8-14	-08	84,1	3.31	45,7	1.80	9,9	.39
10	7/8-14	-10	86,4	3.40	47,0	1.85	12,7	.50
12	1 1/16-12	-12	98,0	3.86	50,5	1.99	15,5	.61
16	1 5/16-12	-16	113,8	4.48	61,5	2.42	20,8	.82

Note: For correct socket part number, see page 65.

¹SAE 100R2 pressures only.

Reusable Fittings

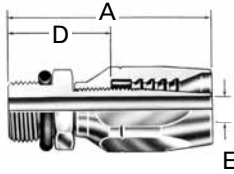
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

SAE Male O-Ring Boss

190464†-

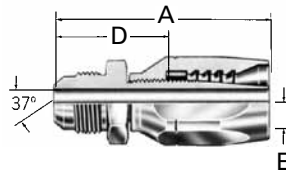


Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
190464-								
8S	3/4-16	-08	68,8	2.71	30,5	1.20	9,9	.39
10-8S	7/8-14	-08	72,1	2.84	33,8	1.33	9,9	.39
12-8S	1 1/16-12	-08	76,2	3.00	37,8	1.49	9,9	.39
12S	1 1/16-12	-12	87,9	3.46	40,3	1.59	15,5	.61
14-12S	1 3/16-12	-12	87,9	3.46	40,3	1.59	15,5	.61
16S	1 5/16-12	-16	99,8	3.93	47,5	1.87	20,8	.82
20S	1 5/8-12	-20	111,8	4.40	52,6	2.07	26,7	1.05
24S	1 7/8-12	-24	109,5	4.31	52,6	2.07	32,5	1.28
32S	2 1/2-12	-32	118,9	4.68	56,6	2.23	44,5	1.75

†O-ring not included. See page 195 for o-rings.

SAE 37° (JIC) Male Flare

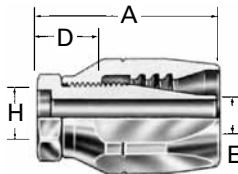
4725-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4725-								
4-4S	7/16-20	-4	63,2	2.49	31,8	1.25	4,3	.17
5-4S	1/2-20	-4	63,2	2.49	31,8	1.25	4,3	.17
6-4S	9/16-18	-4	64,8	2.55	33,8	1.33	4,3	.17
6-6S	9/16-18	-6	69,9	2.75	32,5	1.28	7,6	.30
8-6S	3/4-16	-6	73,9	2.91	36,6	1.44	7,9	.31
8-8S	3/4-16	-8	75,9	2.99	37,6	1.48	9,9	.39
10-8S	7/8-14	-8	78,7	3.10	40,3	1.59	9,9	.39
10S	7/8-14	-10	81,0	3.19	41,7	1.64	13,0	.51
12-8S	1 1/16-12	-8	82,8	3.26	44,5	1.75	9,9	.39
12-10S	1 1/16-12	-10	85,3	3.36	46,0	1.81	12,7	.50
12S	1 1/16-12	-12	94,5	3.72	47,0	1.85	15,5	.61
14-12S	1 3/16-12	-12	95,5	3.76	47,8	1.88	15,5	.61
16-12S	1 5/16-12	-12	99,1	3.90	51,6	2.03	15,5	.61
16S	1 5/16-12	-16	111,3	4.38	59,2	2.33	20,8	.82
20S	1 5/8-12	-12	124,2	4.89	65,5	2.58	26,7	1.05
24S	1 7/8-12	-24	128,5	5.06	71,6	2.82	32,5	1.28

Lifesaver*

191000-



Dash Size	Tube Size	Hose Size	A		D		EØ		H
			mm	in	mm	in	mm	in	mm in
191000-									
4S	1/4	-04	51,6	2.03	6,4	.25	20,3	.80	4,3 .17
6S	3/8	-06	56,4	2.22	9,7	.38	19,1	.75	7,9 .31
8-6S	1/2	-06	58,9	2.32	12,7	.50	21,3	.84	7,9 .31
8S	1/2	-08	60,9	2.40	12,7	.50	22,6	.89	9,9 .39
10-8S	5/8	-08	60,9	2.40	15,7	.62	22,6	.89	9,9 .39
10S	5/8	-10	63,5	2.50	15,7	.62	23,9	.94	12,7 .50
12S	3/4	-12	72,6	2.86	19,1	.75	25,1	.99	15,5 .61
16-12S	1	-12	72,6	2.86	25,4	1.00	25,1	.99	15,5 .61
16S	1	-16	84,8	3.34	25,4	1.00	32,8	1.29	20,8 .82
20-16S	1 1/4	-16	87,9	3.46	31,8	1.25	36,1	1.42	20,8 .82
24-16S	1 1/2	-16	89,7	3.53	38,1	1.50	37,6	1.48	20,8 .82
16-20S	1	-20	100,1	3.94	25,4	1.00	41,1	1.62	20,8 .82
20-20S	1 1/4	-20	100,1	3.94	31,8	1.25	41,1	1.62	26,7 1.05
24-20S	1 1/2	-20	101,6	4.00	38,1	1.50	42,7	1.68	26,7 1.05
20-24S	1 1/4	-24	99,3	3.91	31,8	1.25	42,7	1.68	26,7 1.05
24S	1 1/2	-24	99,3	3.91	38,1	1.50	42,7	1.68	32,5 1.28
32S	2	-32	110,2	4.34	50,8	2.00	41,7	1.64	44,5 1.75

*"B" dimension is counterbore diameter for mating tubing.

Also available with metric and jump size counterbores.

Note: For correct socket part number, see page 65.

¹SAE 100R2 pressures only.

SPECIALTY & TRUCK HOSE

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS & TUBE FITTINGS

ACCESSORIES & ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY EQUIPMENT

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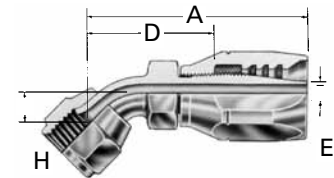
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

SAE 37° (JIC) Swivel 45° Elbow

190287-

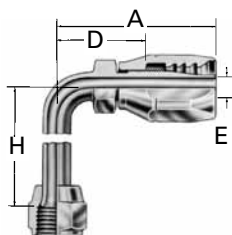


Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190287-										
4S	7/16-20	-04	63,8	2.51	32,5	1.28	4,3	.17	8,4	.33
6S	9/16-18	-06	71,6	2.82	34,3	1.35	7,9	.31	9,9	.39
8-6S	3/4-16	-06	80,5	3.17	43,8	1.70	7,9	.31	14,0	.55
8S	3/4-16	-08	82,8	3.26	44,5	1.75	9,9	.39	14,0	.55
10-8S	7/8-14	-08	87,6	3.45	49,3	1.94	9,9	.39	16,3	.64
10S	7/8-14	-10	89,9	3.54	50,5	1.99	12,7	.50	16,3	.64
12S	1 1/16-12	-12	105,4	4.15	57,9	2.28	15,5	.61	19,8	.78
16S	1 5/16-12	-16	127,8	5.03	75,4	2.97	20,8	.82	27,2	1.07
20S	1 5/8-12	-20	149,4	5.88	90,4	3.56	26,7	1.05	31,0	1.22

SAE 37° (JIC) Swivel

90° Elbow (Short) 190264-

90° Elbow (Long) 190263-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190264-										
4S	7/16-20	-04	60,9	2.40	29,7	1.17	4,3	.17	17,3	.68
6S	9/16-18	-06	69,1	2.72	31,8	1.25	7,9	.31	21,6	.85
8-6S	3/4-16	-06	74,7	2.94	37,1	1.46	7,9	.31	27,7	1.09
8S	3/4-16	-08	76,7	3.02	38,6	1.52	9,9	.39	27,7	1.09
10-8S	7/8-14	-08	80,0	3.15	41,7	1.64	9,9	.39	31,2	1.23
10S	7/8-14	-10	82,3	3.24	42,9	1.69	12,7	.50	31,2	1.23
12S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	46,2	1.82
16S	1 5/16-12	-16	122,9	4.84	70,9	2.79	20,8	.82	60,7	2.39
20S	1 5/8-12	-20	144,3	5.68	85,3	3.36	26,7	1.05	69,9	2.75
190263-										
4S	7/16-20	-04	60,9	2.40	29,7	1.17	4,3	.17	45,7	1.80
6S	9/16-18	-06	69,1	2.72	31,8	1.25	7,9	.31	55,4	2.18
8-6S	3/4-16	-06	77,7	3.06	40,3	1.59	7,9	.31	61,7	2.43
8S	3/4-16	-08	80,0	3.15	41,7	1.64	9,9	.39	61,7	2.43
10-8S	7/8-14	-08	86,4	3.40	48,0	1.89	9,9	.39	65,3	2.57
10S	7/8-14	-10	88,9	3.50	49,3	1.94	12,7	.50	65,3	2.57
12S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	94,7	3.73
16S	1 5/16-12	-16	122,9	4.84	70,6	2.78	20,8	.82	116,3	4.58
20S	1 5/8-12	-20	144,3	5.68	85,3	3.36	26,7	1.05	140,5	5.53

NOTE: For socket part numbers, see page 65.

¹SAE 100R2 pressures only.

Reusable Fittings

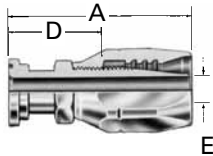
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

Code 61 SAE J518 Straight Split Flange

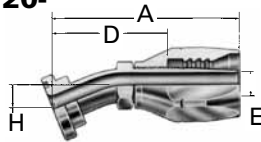
4744-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ	
	mm	in		mm	in	mm	in	mm	in
4744-									
8S	30,2	1.19	-08	77,0	3.03	38,6	1.52	9,9	.39
12-8S	38,1	1.50	-08	78,0	3.07	39,6	1.56	9,9	.39
12S	38,1	1.50	-12	89,7	3.53	42,2	1.66	15,5	.61
16-12S	44,5	1.75	-12	99,6	3.92	52,1	2.05	15,5	.61
16S	44,5	1.75	-16	118,1	4.65	65,8	2.59	20,8	.82
20-16S	50,8	2.00	-16	118,1	4.65	66,0	2.60	20,8	.82
24-16S	60,5	2.38	-16	119,9	4.72	67,6	2.66	20,8	.82
16-20S	44,5	1.75	-20	142,5	5.61	83,6	3.29	20,8	.82
20S	50,8	2.00	-20	133,4	5.25	74,4	2.93	26,7	1.05
24-20S	60,5	2.38	-20	133,4	5.25	74,4	2.93	26,7	1.05
24S	60,5	2.38	-24	140,0	5.51	83,1	3.27	32,5	1.28
20-24S	50,8	2.00	-24	132,6	5.22	75,9	2.99	26,7	1.05
32-24S	71,4	2.81	-24	140,0	5.51	83,1	3.27	32,5	1.28
32S	71,4	2.81	-32	161,8	6.37	99,8	3.93	44,5	1.75

Code 61 SAE J518 22½° Split Flange

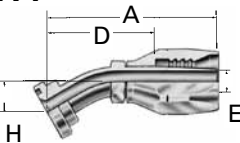
4720-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
4720-	mm	in		mm	in	mm	in	mm	in	mm	in
8S	30,2	1.19	-08	95,5	3.76	57,2	2.25	9,9	.39	12,7	.50
12S	38,1	1.50	-12	107,2	4.22	62,0	2.44	15,5	.61	12,7	.50
16-12S	44,5	1.75	-12	109,7	4.32	62,0	2.44	15,5	.61	12,7	.50
16S	44,5	1.75	-16	122,9	4.84	70,9	2.79	20,8	.82	12,7	.50
20-16S	50,8	2.00	-16	122,9	4.84	70,9	2.79	20,8	.82	12,7	.50
20S	50,8	2.00	-20	139,4	5.49	80,5	3.17	26,7	1.05	12,7	.50
24S	60,5	2.38	-24	140,2	5.52	83,3	3.28	32,5	1.28	12,7	.50
32S	71,4	2.81	-32	153,4	6.04	91,4	3.60	44,5	1.75	12,7	.50

Code 61 SAE J518 30° Split Flange

190414-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
190414–	mm	in		mm	in	mm	in	mm	in	mm	in
12S	38,1	1.50	–12	111,3	4.38	63,8	2.51	15,5	.61	17,5	.69
16–12S	44,5	1.75	–12	111,3	4.38	63,8	2.51	15,5	.61	17,5	.69
20–12S	50,8	2.00	–12	111,3	4.38	63,8	2.51	15,5	.61	17,5	.69
16S	44,5	1.75	–16	117,1	4.61	65,0	2.56	20,8	.82	12,7	.50
20–16S	50,8	2.00	–16	117,1	4.61	65,0	2.56	20,8	.82	12,7	.50
16–20S	44,5	1.75	–20	153,9	6.06	95,0	3.74	26,7	1.05	24,4	.96
20S	50,8	2.00	–20	153,9	6.06	95,0	3.74	26,7	1.05	24,4	.96
24–20S	60,5	2.38	–20	153,9	6.06	95,0	3.74	26,7	1.05	24,4	.96
32–20S	71,4	2.81	–20	155,4	6.12	96,5	3.80	26,7	1.05	25,1	.99
20–24S	50,8	2.00	–24	153,4	6.04	96,7	3.81	26,7	1.05	24,4	.96
24S	60,5	2.38	–24	138,4	5.45	81,8	3.22	32,5	1.28	14,7	.58
32–24S	71,4	2.81	–24	138,4	5.45	81,8	3.22	32,5	1.28	14,7	.58
32S	71,4	2.81	–32	155,7	6.13	93,7	3.69	44,5	1.75	16,5	.65

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For socket part numbers, see page 65.

¹SAE 100R2 pressures only.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

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ADAPTERS &
TUBE FITTINGS

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ASSEMBLY INSTRUCTIONS

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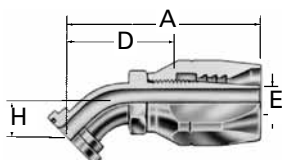
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

Code 61 SAE J518 45° Split Flange

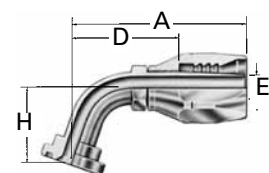
4745-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4745-											
8S	30,2	1.19	-08	94,2	3.71	55,9	2.20	9,9	.39	25,4	1.00
12-8S	38,1	1.50	-08	94,2	3.71	55,9	2.20	9,9	.39	25,4	1.00
16-10S	44,5	1.75	-10	99,3	3.91	59,7	2.35	12,7	.50	25,4	1.00
12S	38,1	1.50	-12	110,2	4.34	62,7	2.47	15,5	.61	25,4	1.00
16-12S	44,5	1.75	-12	111,5	4.39	64,0	2.52	15,5	.61	25,4	1.00
20-12S	50,8	2.00	-12	111,3	4.38	64,0	2.52	15,5	.61	25,4	1.00
24-12S	60,5	2.38	-12	113,0	4.45	65,0	2.56	15,5	.61	26,7	1.05
32-12S	71,4	2.81	-12	111,0	4.37	63,5	2.50	15,5	.61	25,1	.99
16S	44,5	1.75	-16	129,3	5.09	77,2	3.04	20,8	.82	28,4	1.12
20-16S	50,8	2.00	-16	129,3	5.09	77,2	3.04	20,8	.82	28,4	1.12
24-16S	60,5	2.38	-16	130,3	5.13	78,2	3.08	20,8	.82	29,7	1.17
16-20S	44,5	1.75	-20	144,3	5.68	85,3	3.36	20,8	.82	28,4	1.12
20S	50,8	2.00	-20	146,8	5.78	87,9	3.46	26,7	1.05	28,4	1.12
24-20S	60,5	2.38	-20	146,8	5.78	87,9	3.46	26,7	1.05	28,4	1.12
32-20S	71,4	2.81	-20	148,1	5.83	89,2	3.51	26,7	1.05	29,7	1.17
20-24S	50,8	2.00	-24	146,3	5.76	89,7	3.53	26,7	1.05	28,4	1.12
24S	60,5	2.38	-24	149,1	5.87	92,2	3.63	32,5	1.28	28,4	1.12
32-24S	71,4	2.81	-24	148,8	5.86	92,2	3.63	32,5	1.28	28,4	1.12
32S	71,4	2.81	-32	168,4	6.63	106,4	4.19	44,5	1.75	31,8	1.25
40-32S	84,1	3.31	-32	169,4	6.67	107,4	4.23	44,5	1.75	33,0	1.30

Code 61 SAE J518 67¹/₂° Split Flange

4767-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4767-											
8S	30,2	1.19	-08	88,1	3.47	49,8	1.96	9,9	.39	35,1	1.38
12S	38,1	1.50	-12	111,0	4.37	63,5	2.50	15,5	.61	41,1	1.62
16-12S	44,5	1.75	-12	111,0	4.37	63,5	2.50	15,5	.61	41,1	1.62
16S	44,5	1.75	-16	128,7	5.07	76,7	3.02	20,8	.82	44,5	1.75
20-16S	50,8	2.00	-16	128,7	5.07	76,7	3.02	20,8	.82	44,5	1.75
20S	50,8	2.00	-20	149,4	5.88	90,4	3.56	26,7	1.05	47,8	1.88
24S	60,5	2.38	-24	154,4	6.08	97,5	3.84	32,5	1.28	50,8	2.00
32S	71,4	2.81	-32	176,3	6.94	114,3	4.50	44,5	1.75	57,2	2.25

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For socket part numbers, see page 65.

¹SAE 100R2 pressures only.

Reusable Fittings

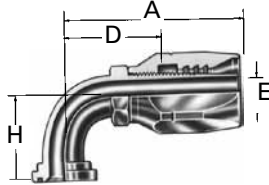
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

Code 61 SAE J518 90° Split Flange

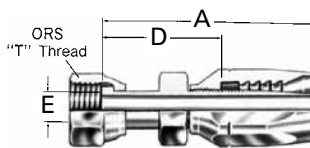
4790-



Dash Size	Thread		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
4790-											
8S	30,2	1.19	-08	80,0	3.15	41,7	1.64	9,9	.39	41,1	1.62
12-8S	38,1	1.50	-08	80,0	3.15	41,7	1.64	9,9	.39	41,1	1.62
16-8S	44,5	1.75	-08	80,0	3.15	41,7	1.64	9,9	.39	45,2	1.78
12-10S	38,1	1.50	-10	88,9	3.50	49,3	1.94	12,7	.50	51,6	2.03
16-10S	44,5	1.75	-10	88,9	3.50	49,3	1.94	12,7	.50	53,8	2.12
8-12S	30,2	1.19	-12	91,7	3.61	44,2	1.74	9,4	.37	41,1	1.62
12S	38,1	1.50	-12	104,4	4.11	56,9	2.24	15,5	.61	53,8	2.12
16-12S	44,5	1.75	-12	104,4	4.11	56,9	2.24	15,5	.61	53,8	2.12
20-12S	50,8	2.00	-12	104,4	4.11	56,9	2.24	15,5	.61	53,8	2.12
24-12S	60,5	2.38	-12	104,4	4.11	56,9	2.24	15,5	.61	56,4	2.22
12-16S	38,1	1.50	-16	116,6	4.59	64,5	2.54	20,8	.82	53,8	2.12
16S	44,5	1.75	-16	122,9	4.84	70,9	2.79	20,8	.82	60,5	2.38
20-16S	50,8	2.00	-16	122,9	4.84	70,9	2.79	20,8	.82	60,5	2.38
24-16S	60,5	2.38	-16	122,9	4.84	70,9	2.79	20,8	.82	62,0	2.44
32-16S	71,4	2.81	-16	122,9	4.84	70,9	2.79	20,8	.82	59,4	2.34
16-20S	44,5	1.75	-20	138,2	5.44	79,2	3.12	20,8	.82	60,5	2.38
20S	50,8	2.00	-20	144,3	5.68	85,3	3.36	26,7	1.05	63,5	2.50
24-20S	60,5	2.38	-20	144,3	5.68	85,3	3.36	26,7	1.05	63,5	2.50
32-20S	71,4	2.81	-20	144,3	5.68	85,3	3.36	26,7	1.05	65,0	2.56
20-24S	50,8	2.00	-24	143,8	5.66	86,9	3.42	26,7	1.05	63,5	2.50
24S	60,5	2.38	-24	150,1	5.91	93,5	3.68	32,5	1.28	69,9	2.75
32-24S	71,4	2.81	-24	150,1	5.91	93,5	3.68	32,5	1.28	69,9	2.75
32S	71,4	2.81	-32	173,7	6.84	111,8	4.40	44,5	1.75	82,6	3.25
40-32S	84,1	3.31	-32	173,7	6.84	111,8	4.40	44,5	1.75	84,1	3.31

ORS Swivel Straight

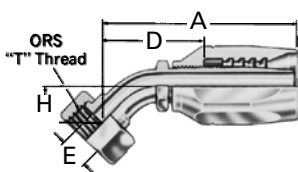
FJ9732-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ9732-								
0404S	9/16-18	-04	69,9	2.75	38,6	1.52	4,3	.17
0606S	11/16-16	-06	76,7	3.02	39,4	1.55	6,6	.26
0808S	13/16-16	-08	86,4	3.40	48,0	1.89	9,9	.39
1010S	1-14	-10	90,9	3.58	51,6	2.03	12,7	.50
1212S	13/16-12	-12	102,9	4.05	55,4	2.18	15,5	.61
1616S	17/16-12	-16	121,4	4.78	69,3	2.73	20,8	.82
2020S	111/16-12	-20	135,1	5.32	76,2	3.00	26,7	1.05
2424S	2-12	-24	135,9	5.35	79,2	3.12	32,0	1.26

ORS Swivel 45° Elbow

FJ9733-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9733-										
0404S	9/16-18	-04	66,5	2.62	35,3	1.39	3,8	.15	10,4	.41
0606S	11/16-16	-06	72,6	2.86	35,3	1.39	6,1	.24	10,9	.43
0808S	13/16-16	-08	83,8	3.30	45,5	1.79	9,4	.37	15,0	.59
1010S	1-14	-10	91,2	3.59	51,6	2.03	11,7	.46	16,5	.65
1212S	13/16-12	-12	106,9	4.21	59,4	2.34	14,7	.58	21,1	.83
1616S	17/16-12	-16	124,7	4.91	72,4	2.85	19,3	.76	23,9	.94
2020S	111/16-12	-20	146,3	5.76	87,4	3.44	25,7	1.01	25,4	1.00
2424S	2-12	-24	147,6	5.81	90,9	3.58	32,0	1.26	27,2	1.07

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For socket part numbers, see page 65.

¹SAE 100R2 pressures only.

Reusable Fittings

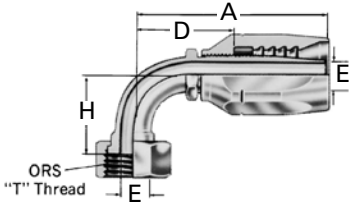
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

ORS Swivel 90° Elbow Short Drop

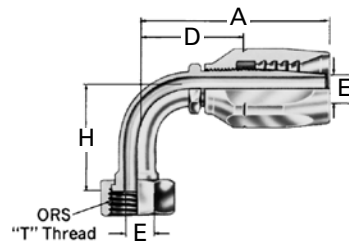
FJ9734-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
FJ9734-			mm	in	mm	in	mm	in	mm	in
0404S	9/16-18	-04	62,7	2.47	31,2	1.23	3,8	.15	20,8	.82
0606S	11/16-16	-06	69,1	2.72	31,8	1.25	6,1	.24	22,9	.90
0808S	13/16-16	-08	76,7	3.02	38,6	1.52	9,4	.37	29,2	1.15
1010S	1-14	-10	82,3	3.24	42,9	1.69	11,7	.46	32,3	1.27
1212S	13/16-12	-12	104,4	4.11	56,9	2.24	14,7	.58	47,8	1.88
1616S	17/16-12	-16	122,9	4.84	70,6	2.78	19,3	.76	56,1	2.21
2020S	111/16-12	-20	144,3	5.68	85,3	3.36	25,7	1.01	63,8	2.51
2424S	2-12	-24	150,1	5.91	93,5	3.68	32,0	1.26	68,6	2.70

ORS Swivel 90° Elbow Long Drop

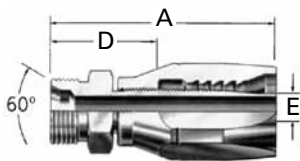
FJ9735-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
FJ9735-			mm	in	mm	in	mm	in	mm	in
0404S	9/16-18	-04	66,5	2.62	35,3	1.39	3,8	.15	45,7	1.80
0606S	11/16-16	-06	72,4	2.85	34,8	1.37	6,1	.24	54,1	2.13
0808S	13/16-16	-08	80,0	3.15	41,7	1.64	9,4	.37	63,8	2.51
1010S	1-14	-10	82,3	3.24	42,9	1.69	11,7	.46	70,1	2.76
1212S	13/16-12	-12	104,4	4.11	56,9	2.24	14,7	.58	96,0	3.78
1616S	17/16-12	-16	122,9	4.84	70,6	2.78	19,3	.76	114,3	4.50
2020S	111/16-12	-20	144,3	5.68	85,3	3.36	25,7	1.01	129,3	5.09
2424S	2-12	-24	150,1	5.91	93,5	3.68	32,0	1.26	140,7	5.54

BSP Male

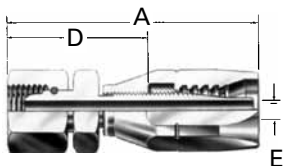
07.020-



Dash Size	Thread	Hose Size	A		D		EØ	
07.020-			mm	in	mm	in	mm	in
4-4	1/4-19	-04	62.5	2.46	31	1.22	4.0	.16
6-6	3/8-19	-06	69	2.72	31.5	1.24	8.0	.31
8-8	1/2-14	-08	73	2.87	34.5	1.36	10.0	.39
10-10	5/8-14	-10	78.5	3.09	39	1.54	13.0	.51
12-10	3/4-14	-10	79.5	3.13	40	1.57	13.0	.51
12-12	3/4-14	-12	89	3.50	41.5	1.63	15.5	.61
16-12	1-11	-12	92.5	3.64	45	1.77	15.5	.61
16-16	1-11	-16	104.5	4.11	52.5	2.07	20.5	.81
20-20	11/4-11	-20	116.5	4.59	57.5	2.26	26.5	1.04
24-24	11/2-11	-24	115.5	4.55	58.5	2.30	32.5	1.28
32-32	2-11	-32	130.5	5.14	68.5	2.70	44.5	1.75

BSP Female Swivel

07.420-



Dash Size	Thread	Hose Size	A		D		EØ	
07.420-			mm	in	mm	in	mm	in
4-4	1/4-19	-04	69	2.72	37.5	1.48	4.0	.16
6-6	3/8-19	-06	75.5	2.97	38	1.50	8.0	.31
8-6	1/2-14	-06	77	3.03	39.5	1.56	8.0	.31
8-8	1/2-14	-08	79	3.11	40.5	1.59	10.0	.39
10-8	5/8-14	-08	80.5	3.17	42	1.65	10.0	.39
10-10	5/8-14	-10	83	3.27	43.5	1.71	13.0	.51
12-10	3/4-14	-10	84.5	3.33	45	1.77	13.0	.51
12-12	3/4-14	-12	94	3.70	46.5	1.83	15.5	.61
16-12	1-11	-12	99	3.90	51.5	2.03	15.5	.61
16-16	1-11	-16	111	4.37	59	2.32	20.5	.81
20-16	11/4-11	-16	112	4.41	60	2.36	20.5	.81
20-20	11/4-11	-20	124	4.88	65	2.56	26.5	1.04
24-24	11/2-11	-24	125	4.92	68.5	2.70	32.5	1.28
32-32	2-11	-32	138	5.43	76.1	3.00	44.5	1.75

¹Approved to 100R2 pressures only.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

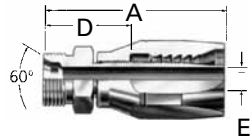
Male 60°

DIN 7631/7647

07.078-

For use with Hose:

2781, FC195

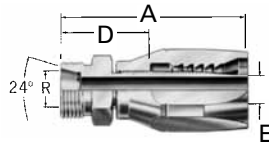


Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.078-								
4-4	M12 x 1.5	-04	61,0	2.40	29,5	1.16	4,0	.16
6-4	M14 x 1.5	-04	61,0	2.40	29,5	1.16	4,0	.16
8-6	M16 x 1.5	-06	66,0	2.60	28,5	1.12	8,0	.31
10-6	M18 x 1.5	-06	66,0	2.60	28,5	1.12	8,0	.31
13-8	M22 x 1.5	-08	70,0	2.76	31,5	1.24	10,0	.39
16-10	M26 x 1.5	-10	72,5	2.85	33,0	1.30	13,0	.51
20-12	M30 x 1.5	-12	84,0	3.31	36,5	1.44	15,5	.61
25-16	M38 x 1.5	-16	98,0	3.86	46,0	1.81	20,5	.81
32-20	M45 x 1.5	-20	110,0	4.33	51,0	2.01	26,5	1.04
40-24	M52 x 1.5	-24	110,0	4.33	53,0	2.09	32,5	1.28
50-32	M65 x 2	-32	122,0	4.80	60,0	2.36	44,5	1.75

Male 24°

DIN 3901/3902 I.Rh

07.013-

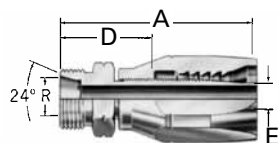


Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.013-										
6-4	M12 x 1.5	-04	61,0	2.40	29,5	1.16	4,0	.16	6,0	.24
8-4	M14 x 1.5	-04	61,0	2.40	29,5	1.16	4,0	.16	8,0	.31
10-6	M16 x 1.5	-06	67,0	2.64	29,5	1.16	8,0	.31	10,0	.39
12-6	M18 x 1.5	-06	77,0	2.64	29,5	1.16	8,0	.31	12,0	.47
15-8	M22 x 1.5	-08	70,0	2.76	31,5	1.24	10,0	.39	15,0	.59
18-10	M26 x 1.5	-10	72,5	2.85	33,0	1.30	13,0	.51	18,0	.71
22-12	M30 x 2	-12	86,0	3.39	38,5	1.52	15,5	.61	22,0	.87
28-16	M36 x 2	-16	98,0	3.86	46,0	1.81	20,5	.81	28,0	1.10
35-20	M45 x 2	-20	112,0	4.41	53,0	2.09	26,5	1.04	35,0	1.38
42-24	M52 x 2	-24	112,0	4.41	55,0	2.17	32,5	1.28	42,0	1.65

Male 24°

DIN 3901/3902 s.Rh

07.005-

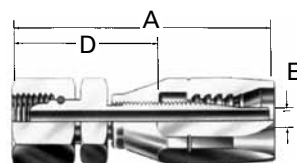


Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.005-										
8-4	M16 x 1.5	-04	63,0	2.48	31,5	1.24	4,0	.16	8,0	.31
10-4	M18 x 1.5	-04	63,0	2.48	31,5	1.24	4,0	.16	10,0	.39
12-6	M20 x 1.5	-06	68,0	2.68	30,5	1.20	8,0	.31	12,0	.47
14-6	M22 x 1.5	-06	70,0	2.76	32,5	1.28	8,0	.31	14,0	.55
16-8	M24 x 1.5	-08	70,0	2.83	33,5	1.32	10,0	.39	16,0	.63
20-10	M30 x 2	-10	72,0	3.09	39,0	1.54	13,0	.51	20,0	.79
25-12	M36 x 2	-12	90,0	3.54	42,5	1.67	15,5	.61	25,0	.98
30-16	M42 x 2	-16	104,0	4.09	52,0	2.05	20,5	.81	30,0	1.18
38-20	M52 x 2	-20	120,0	4.72	59,0	2.32	26,5	1.04	38,0	1.50

Female Swivel 60°

DIN 7631/7647

07.357-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.357-								
20-12	M30 x 1.5	-12	93,5	3.68	46,0	1.81	15,5	.61
25-16	M38 x 1.5	-16	108,0	4.25	56,0	.20	20,5	.81
32-20	M45 x 1.5	-20	122,0	4.80	63,0	2.48	26,5	1.04
40-24	M52 x 1.5	-24	119,5	4.70	62,5	2.46	32,5	1.28
50-32	M65 x 2	-32	133,5	5.26	71,5	2.81	44,5	1.75

*Rf dimension is tube O.D. and refers to mating component when not called out on the illustration.
NOTE: For correct socket part number, see page 65.

¹SAE 100R2 pressures only.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
EQUIPMENT

APPENDICES

Reusable Fittings

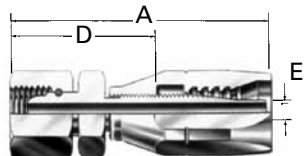
100R2 Skive Style

For use with Hose:

2766, 2781¹, FC195¹

Female Swivel 24° DIN 3901/3902 I.Rh.

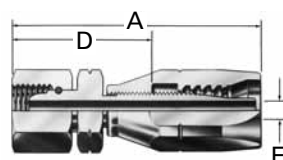
07.327-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
07.327-										
4-4†	M12 x 1.5	-04	67,0	2.64	35,5	1.40	4,0	.16	6,0	.24
6-4†	M14 x 1.5	-04	67,0	2.64	35,5	1.40	4,0	.16	8,0	.31
8-6†	M16 x 1.5	-06	73,5	2.89	36,0	1.42	8,0	.31	10,0	.39
10-6†	M18 x 1.5	-06	73,5	2.89	36,0	1.42	8,0	.31	12,0	.47
13-8†	M22 x 1.5	-08	77,5	3.05	39,0	1.54	10,0	.39	15,0	.59
16-8†	M26 x 1.5	-08	80,5	3.17	42,0	1.65	10,0	.39	18,0	.71
16-10†	M26 x 1.5	-10	83,0	3.27	43,5	1.71	13,0	.51	18,0	.71
22-12	M30 x 2	-12	95,0	3.74	47,5	1.87	15,5	.61	22,0	.87
28-16	M36 x 2	-16	108,5	4.27	56,5	2.22	20,5	.81	28,0	1.10
35-20	M45 x 2	-20	121,5	4.78	62,5	2.46	26,5	1.04	35,0	1.38
42-24	M52 x 2	-24	122,0	4.80	65,0	2.56	32,5	1.28	42,0	1.65

Female Swivel 24° DIN 3901/3902 s.Rh.

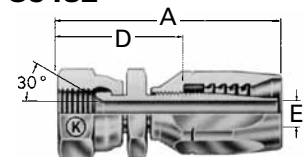
07.721-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
07.721-										
8-4	M16 x 1.5	-04	68,5	2.70	37,0	1.46	4,0	.16	8,0	.31
10-4	M18 x 1.5	-04	68,5	2.70	37,0	1.46	4,0	.16	10,0	.39
12-6	M20 x 1.5	-06	75,5	2.97	38,0	1.50	8,0	.31	12,0	.47
14-6	M22 x 1.5	-06	75,5	2.97	38,0	1.50	8,0	.31	14,0	.55
16-8	M24 x 1.5	-08	79,5	3.13	41,0	1.61	10,0	.39	16,0	.63
20-10	M30 x 2	-10	85,5	3.37	46,0	1.81	13,0	.51	20,0	.79
20-12	M30 x 2	-12	95,0	3.74	47,5	1.87	15,5	.61	20,0	.79
25-12	M36 x 2	-12	96,0	3.78	48,5	1.91	15,5	.61	25,0	.98
30-16	M42 x 2	-16	109,0	4.29	57,0	2.24	20,5	.81	30,0	1.18
38-20	M52 x 2	-20	122,0	4.80	63,0	2.48	26,5	1.04	38,0	1.50

30° Swivel-Metric Threads Special Komatsu

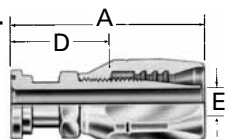
FC5432-



Dash Size	Thread	Hose Size	A		D		EØ			
			mm	in	mm	in	mm	in		
FC5432-										
0306S	M18 x 1.5	-06	79,0	3.11	41,7	1.64	6,4	.25		
0408S	M22 x 1.5	-08	84,3	3.32	45,7	1.80	9,4	.37		
0510S	M24 x 1.5	-10	90,2	3.55	50,8	2.00	12,7	.50		
0612S	M30 x 1.5	-12	103,6	4.08	56,1	2.21	15,5	.61		
1016S	M33 x 1.5	-16	123,7	4.87	71,4	2.81	20,8	.82		
1220S	M36 x 1.5	-20	139,2	5.48	80,0	3.15	24,1	.95		
1424S	M42 x 1.5	-24	140,2	5.52	83,6	3.29	30,2	1.19		

Komatsu Split Flange

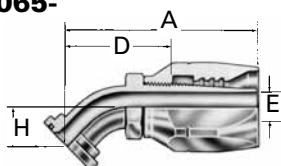
FJ9066-



Dash Size	Thread	Hose Size	A		D		EØ			
			mm	in	mm	in	mm	in		
FJ9066-										
1010S	34,3 1.35	-10	113,8	4.48	74,4	2.93	11,7	.46		

Komatsu Split Flange 45° Elbow

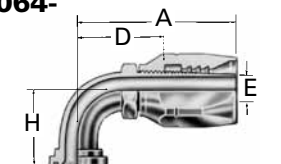
FJ9065-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9065-										
1010S	34,3 1.35	-10	95,8	3.77	56,4	2.22	11,7	.46	21,8	.86

Komatsu Split Flange 90° Elbow

FJ9064-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9064-										
1010S	34,3 1.35	-10	88,9	3.50	49,3	1.94	11,7	.46	51,3	2.02

†Universal fitting also mates with DIN 7631/7647 60° connection

*Rø dimension is tube O.D. and refers to mating component when not called out on the illustration.

NOTE: For correct socket part number, see page 65

¹SAE 100R2 pressures only.

Komatsu split flange fittings require the use of a special o-ring.

Reusable Fittings

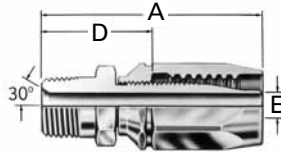
100R2 TTC

For use with Hose:

GH793¹

Male Pipe

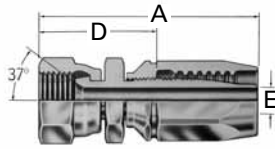
FC5985-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5985-			mm	in	mm	in	mm	in
0404S	1/4-18	-04	63,5	2.50	33,8	1.33	4,3	.17
0606S	3/8-18	-06	69,9	2.75	35,8	1.41	7,9	.31
0608S	3/8-18	-08	72,1	2.84	33,3	1.31	9,9	.39
0808S	1/2-14	-08	74,5	3.09	40,1	1.58	9,9	.39
1212S	3/4-14	-12	91,7	3.61	44,2	1.74	15,5	.61
1616S	1-11 1/2	-16	111,8	4.40	59,7	2.35	20,8	.82

SAE 37° (JIC) Swivel

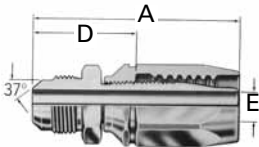
FC5988-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5988-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	67,1	2.64	37,3	1.47	4,3	.17
0606S	9/16-18	-06	75,7	2.98	41,7	1.64	7,9	.31
0808S	3/4-16	-08	81,3	3.20	42,7	1.68	9,9	.39
1212S	1 1/16-12	-12	98,0	3.86	50,5	1.99	15,5	.61
1616S	1 5/16-12	-16	113,8	4.48	61,7	2.43	20,8	.82

SAE 37° (JIC) Male Flare

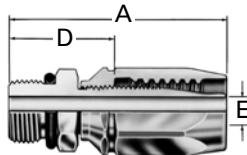
FC5986-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5986-			mm	in	mm	in	mm	in
0404S	7/16-20	-04	63,2	2.49	33,5	1.32	4,3	.17
0606S	9/16-18	-06	69,9	2.75	35,8	1.41	7,6	.30
0808S	3/4-16	-08	75,9	2.99	37,6	1.48	9,9	.39
1212S	1 1/16-12	-12	94,5	3.72	47,0	1.85	15,5	.61
1616S	1 5/16-12	-16	111,3	4.38	59,2	2.33	20,8	.82

SAE Male O-Ring Boss**

FC5987-



Dash Size	Thread	Hose Size	A		D		EØ	
FC5987-			mm	in	mm	in	mm	in
0606S	9/16-18	-06	65,5	2.58	31,5	1.24	7,9	.31
0806S	3/4-16	-06	66,8	2.63	32,8	1.29	7,9	.31
0808S	3/4-16	-08	68,8	2.71	30,5	1.20	9,9	.39
1212S	1 1/16-12	-12	87,9	3.46	40,3	1.59	15,5	.61
1616S	1 5/16-12	-16	99,8	3.93	47,8	1.88	20,8	.82

NOTE: For socket part numbers, see page 65.

¹SAE 100R2 pressures only.

** See pages 194, 195 for o-rings.

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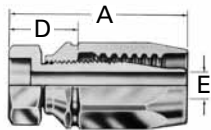
100R2 TTC

For use with Hose:

GH793¹

Lifesaver*

FC5989-

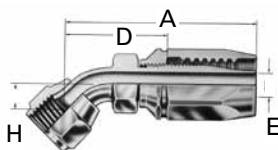


Dash Size	Tube Size	Hose Size	A		B*		D		EØ	
FC5989-			mm	in	mm	in	mm	in	mm	in
0404S	1/4	-04	51,6	2.03	6,4	.25	21,8	.86	4,3	.17
0606S	3/8	-06	56,4	2.22	9,7	.38	22,4	.88	7,9	.31
0808S	1/2	-08	60,9	2.40	12,7	.50	22,6	.89	9,9	.39
1212S	3/4	-12	72,6	2.86	19,1	.75	25,1	.99	15,5	.61
1616S	1	-16	84,8	3.34	25,4	1.00	32,8	1.29	20,8	.82

*B dimension is counterbore diameter for mating tubing.

SAE 37° (JIC) Swivel 45° Elbow

FC5990-



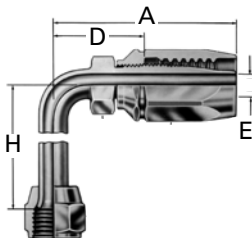
Dash Size	Thread	Hose Size	A		D		EØ		H	
FC5990-			mm	in	mm	in	mm	in	mm	in
0404S	7/16-20	-04	63,8	2.51	34,0	1.34	4,3	.17	8,4	.33
0606S	9/16-18	-06	71,6	2.82	37,6	1.48	7,9	.31	9,9	.39
0808S	3/4-16	-08	82,8	3.26	44,5	1.75	9,9	.39	14,0	.55
1212S	1 1/16-12	-12	105,4	4.15	57,9	2.28	15,5	.61	19,8	.78
1616S	1 5/16-12	-16	127,8	5.03	75,7	2.98	20,8	.82	27,2	1.07

SAE 37° (JIC) Swivel 90° Elbow (Short)

FC5992-

90° Elbow (Long)

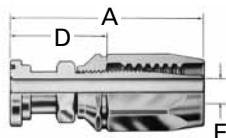
FC5991-



Dash Size	Thread	Hose Size	A		D		EØ		H	
FC5992-			mm	in	mm	in	mm	in	mm	in
4-4										
0404S	7/16-20	-04	60,9	2.40	31,2	1.23	4,3	.17	17,3	.68
0606S	9/16-18	-06	69,1	2.72	35,1	1.38	7,9	.31	21,6	.85
0808S	3/4-16	-08	76,7	3.02	38,6	1.52	9,9	.39	27,7	1.09
1212S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	46,2	1.82
1616S	1 5/16-12	-16	122,9	4.84	70,9	2.79	20,8	.82	60,7	2.39
FC5991-										
0404S	7/16-20	-04	60,9	2.40	31,2	1.23	4,3	.17	45,7	1.80
0606S	9/16-18	-06	69,1	2.72	35,1	1.38	7,9	.31	55,4	2.18
0808S	3/4-16	-08	80,0	3.15	41,7	1.64	9,9	.39	61,7	2.43
1212S	1 1/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	94,7	3.73
1616S	1 5/16-12	-16	122,9	4.84	70,9	2.79	20,8	.82	116,3	4.58

Code 61 SAE J518 Straight Split Flange

FC5993-



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ	
FC5993-	mm in		mm	in	mm	in	mm	in
0808S	30,2 1.19	-08	77,0	3.03	38,6	1.52	9,9	.39
1212S	38,1 1.50	-12	89,7	3.53	42,2	1.66	15,5	.61
1616S	44,5 1.75	-16	118,1	4.65	66,0	2.60	20,8	.82

NOTE: For correct socket part number, see page 65.

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

¹SAE 100R2 pressures only.

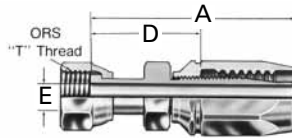
Reusable Fittings

100R2 TTC

For use with Hose:

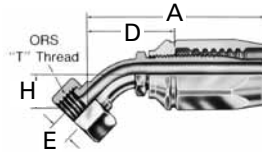
GH793¹.

ORS Swivel Straight FJ7344-



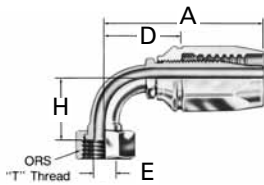
Dash Size	"T" Thread	Hose Size	A		D		EØ	
FJ7344-			mm	in	mm	in	mm	in
0404S	9/16-18	-04	70,1	2.76	40,3	1.59	4,1	.16
0606S	11/16-16	-06	77,0	3.03	42,9	1.69	6,6	.26
0808S	13/16-16	-08	86,4	3.40	48,0	1.89	9,1	.36
1212S	1 3/16-12	-12	103,1	4.06	59,9	2.36	14,0	.55
1616S	1 7/16-12	-16	121,7	4.79	69,6	2.74	19,8	.78

ORS Swivel 45° Elbow FJ7345-



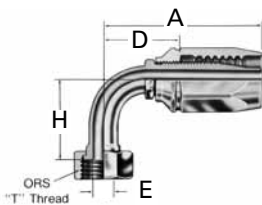
Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
FJ7345-			mm	in	mm	in	mm	in	mm	in
0404S	9/16-18	-04	66,5	2.62	36,8	1.45	4,3	.17	10,4	.41
0606S	11/16-16	-06	72,9	2.87	38,9	1.53	6,6	.26	10,9	.43
0808S	13/16-16	-08	83,8	3.30	45,5	1.79	9,7	.38	15,0	.59
1212S	1 3/16-12	-12	106,9	4.21	59,4	2.34	15,5	.61	21,1	.83
1616S	1 7/16-12	-16	124,7	4.91	72,6	2.86	20,6	.81	23,9	.94

ORS Swivel 90° Elbow Short Drop FJ7346-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
FJ7346-			mm	in	mm	in	mm	in	mm	in
0404S	9/16-18	-04	62,7	2.47	33,0	1.30	4,3	.17	20,8	.82
0606S	11/16-16	-06	69,1	2.72	35,1	1.38	6,6	.26	22,9	.90
0808S	13/16-16	-08	77,0	3.03	38,6	1.52	9,7	.38	29,2	1.15
1212S	1 3/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	47,8	1.88
1616S	1 7/16-12	-16	122,9	4.84	70,9	2.79	20,6	.81	56,1	2.21

ORS Swivel 90° Elbow Long Drop FJ7347-



Dash Size	"T" Thread	Hose Size	A		D		EØ		H	
FJ7347-			mm	in	mm	in	mm	in	mm	in
0404S	9/16-18	-04	62,7	2.47	33,0	1.30	4,3	.17	45,7	1.80
0606S	11/16-16	-06	72,4	2.85	38,4	1.51	6,6	.26	54,1	2.13
0808S	13/16-16	-08	80,0	3.15	41,7	1.64	9,7	.38	63,8	2.51
1212S	1 3/16-12	-12	104,4	4.11	56,9	2.24	15,5	.61	96,0	3.78
1616S	1 7/16-12	-16	122,9	4.84	70,9	2.79	20,6	.81	114,3	4.50

NOTE: For socket part number, see page 65.

¹SAE 100R2 pressures only.

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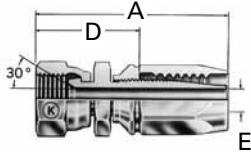
100R2 TTC

For use with Hose:

GH793¹

30° Swivel-Metric Threads Special Komatsu

FJ7200–



Dash Size	"T" Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ7200–								
0306S	M18x1.5	–06	79,0	3.11	45,0	1.77	6,4	.25
0408S	M22x1.5	–08	84,3	3.32	45,7	1.80	9,4	.37
0512S	M24x1.5	–12	99,6	3.92	52,3	2.06	12,2	.48
0612S	M30x1.5	–12	103,6	4.08	56,4	2.22	15,5	.61
1016S	M33x1.5	–16	123,4	4.86	71,6	2.82	20,3	.80

¹SAE 100R2 pressures only.

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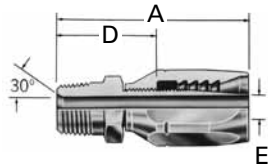
Spiral Skive Style

For use with Hose:

GH493, FC736

Male Pipe

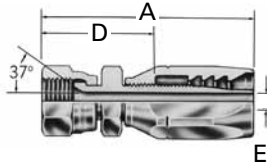
**190934–
FC7640–**



Dash Size	Thread	Hose Size	A		D		EØ	
190934–			mm	in	mm	in	mm	in
4–6S	1/4-18	–06	78,0	3.07	36,8	1.45	7,6	.30
6–6S	3/8-18	–06	78,0	3.07	36,8	1.45	7,6	.30
6–8S	3/8-18	–08	72,1	2.84	33,8	1.33	9,9	.39
8–8S	1/2-14	–08	74,5	3.09	40,1	1.58	9,9	.39
12–12S	3/4-14	–12	91,7	3.61	44,2	1.74	15,5	.61
16–16S	1-11 1/2	–16	111,8	4.40	59,7	2.35	20,8	.82
FC7640–								
2020S	1 1/4-11 1/2	–20	138,2	5.44	62,0	2.44	26,7	1.05
2424S	1 1/2-11 1/2	–24	146,3	5.76	71,6	2.82	32,5	1.28

SAE 37° (JIC) Swivel

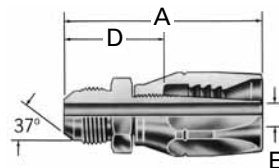
**190933–
FC7639–**



Dash Size	Thread	Hose Size	A		D		EØ	
190933–			mm	in	mm	in	mm	in
6–6S	9/16-18	–06	83,8	3.30	42,7	1.68	7,6	.30
8–6S	3/4-16	–06	87,1	3.43	46,0	1.81	7,6	.30
8–8S	3/4-16	–08	81,3	3.20	42,7	1.68	9,9	.39
10–8S	7/8-14	–08	84,1	3.31	45,7	1.80	9,9	.39
12S	1 1/16-12	–12	98,0	3.86	50,5	1.99	15,5	.61
16S	1 5/16-12	–16	113,8	4.48	61,7	2.43	20,8	.82
FC7639–								
2020S	1 5/8-12	–20	143,3	5.64	67,1	2.64	26,7	1.05
2424S	1 7/8-12	–24	154,4	6.08	79,5	3.13	32,5	1.28

SAE 37° (JIC) Male Flare

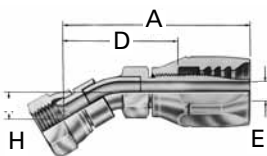
**190992–
FC7740–**



Dash Size	Thread	Hose Size	A		D		EØ	
190992–			mm	in	mm	in	mm	in
8–8S	3/4-16	–08	75,9	2.99	37,6	1.48	9,9	.39
10–8S	7/8-14	–08	78,7	3.10	40,1	1.58	9,9	.39
12S	1 1/16-12	–12	94,5	3.72	47,0	1.85	15,5	.61
16S	1 5/16-12	–16	111,3	4.38	59,2	2.33	20,8	.82
FC7740–								
2020S	1 5/8-12	–20	137,9	5.43	61,7	2.43	26,7	1.05
2424S	1 7/8-12	–24	148,6	5.85	73,7	2.90	32,5	1.28

SAE 37° (JIC) swivel 22 1/2° elbow

**FC5978–
FC5979–**



Dash Size	Thread	Hose Size	A		D		EØ		H	
FC5978–			mm	in	mm	in	mm	in	mm	in
0808S	3/4-16	–08	102,4	4.03	64,0	2.52	9,9	.39	11,9	.47
1212S	1 1/16-12	–12	119,9	4.72	72,4	2.85	15,5	.61	13,2	.52
1616S	1 5/16-12	–16	147,1	5.79	95,0	3.74	20,8	.82	17,5	.69
FC5979–										
2020S	1 5/8-12	–20	185,9	7.32	109,7	4.32	26,7	1.05	20,3	.80
2424S	1 7/8-12	–24	211,3	8.32	136,4	5.37	32,5	1.28	24,1	.95

NOTE: For socket part numbers, see page 65.

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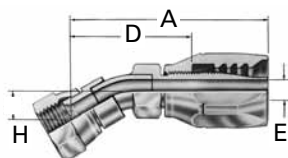
Spiral Skive Style

For use with Hose:

GH493, FC736

SAE 37° (JIC) Swivel 30° Elbow

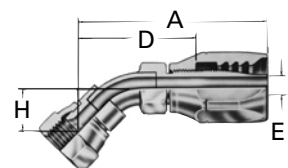
FC5980–
FC5981–



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC5980–										
0808S	3/4-16	–08	101,1	3.98	62,7	2.47	9,9	.39	15,7	.62
1212S	1 1/16-12	–12	118,1	4.65	70,6	2.78	15,5	.61	17,5	.69
1616S	1 5/16-12	–16	148,8	5.86	96,5	3.80	20,8	.82	24,1	.95
FC5981–										
2020S	1 5/8-12	–20	189,5	7.46	113,3	4.46	26,7	1.05	28,2	1.11
2424S	1 7/8-12	–24	213,1	8.39	138,2	5.44	32,5	1.28	32,8	1.29

SAE 37° (JIC) Swivel 45° Elbow

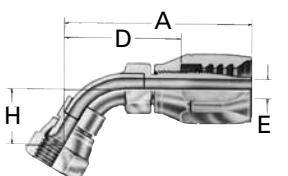
FC5982–
FC5983–



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC5982–										
0808S	3/4-16	–08	100,3	3.95	62,0	2.44	9,9	.39	24,1	.95
1212S	1 1/16-12	–12	123,7	4.87	76,2	3.00	15,5	.61	29,5	1.16
1616S	1 5/16-12	–16	152,4	6.00	100,1	3.94	20,8	.82	38,9	1.53
FC5983–										
2020S	1 5/8-12	–20	188,5	7.42	112,2	4.42	26,7	1.05	43,8	1.70
2424S	1 7/8-12	–24	212,9	8.38	137,9	5.43	32,5	1.28	50,5	1.99

SAE 37° (JIC) Swivel 60° Elbow

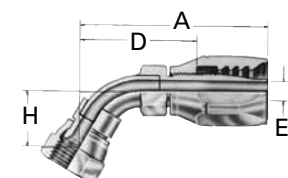
FC5984–
FJ9024–



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FC5984–										
0808S	3/4-16	–08	97,5	3.84	59,2	2.33	9,9	.39	32,0	1.26
1212S	1 1/16-12	–12	123,2	4.85	75,7	2.98	15,5	.61	40,6	1.60
1616S	1 5/16-12	–16	149,9	5.90	97,5	3.84	20,8	.82	52,8	2.08
FJ9024–										
2020S	1 5/8-12	–20	186,9	7.36	110,7	4.36	26,7	1.05	59,2	2.33
2424S	1 7/8-12	–24	210,1	8.27	135,1	5.32	32,5	1.28	68,8	2.71

SAE 37° (JIC) Swivel 67 1/2° Elbow

FJ9025–
FJ9026–



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9025–										
0808S	3/4-16	–08	98,0	3.86	59,7	2.35	9,9	.39	37,3	1.47
1212S	1 1/16-12	–12	121,4	4.78	73,9	2.91	15,5	.61	45,7	1.80
1616S	1 5/16-12	–16	148,3	5.84	96,0	3.78	20,8	.82	59,9	2.36
FJ9026–										
2020S	1 5/8-12	–20	183,9	7.24	107,7	4.24	26,7	1.05	66,5	2.62
2424S	1 7/8-12	–24	195,6	7.70	120,7	4.75	32,5	1.28	70,1	2.76

NOTE: For socket part numbers, see page 65.

Reusable Fittings

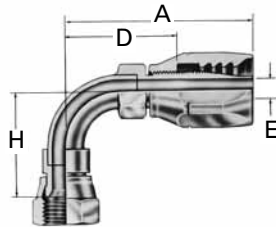
Spiral Skive Style

For use with Hose:

GH493, FC736

SAE 37° (JIC) Swivel 90° Elbow

FJ9027–
FJ9028–



Dash Size	Thread	Hose Size	A		D		EØ		H	
FJ9027–			mm	in	mm	in	mm	in	mm	in
0808S	3/4-16	–08	89,4	3.52	51,3	2.02	9,9	.39	47,5	1.87
1212S	1 1/16-12	–12	112,5	4.43	65,0	2.56	15,5	.61	59,7	2.35
1616S	1 5/16-12	–16	135,6	5.34	83,3	3.28	20,8	.82	77,2	3.04
FJ9028–			mm	in	mm	in	mm	in	mm	in
2020S	1 5/8-12	–20	170,7	6.72	94,5	3.72	26,7	1.05	86,4	3.40
2424S	1 7/8-12	–24	191,0	7.52	115,8	4.56	32,5	1.28	100,3	3.95

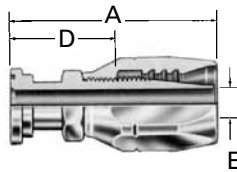
Straight Split Flange

Code 61 SAE J518

190935–
FC7713–

Code 62 SAE J518

FC7370–
FC5973–



Dash Size	Flange Head Dia.	Hose Size	A		D		EØ	
190935–	mm in		mm	in	mm	in	mm	in
8S	30,2 1.19	–08	102,9	4.05	64,5	2.54	9,4	.37
12–8S	38,1 1.50	–08	102,9	4.05	64,5	2.54	9,4	.37
12S	38,1 1.50	–12	121,7	4.79	74,2	2.92	14,2	.56
16–12S	44,5 1.75	–12	121,7	4.79	74,2	2.92	14,2	.56
16S	44,5 1.75	–16	144,5	5.69	92,2	3.63	20,6	.81
20–16S	50,8 2.00	–16	144,5	5.69	92,2	3.63	20,6	.81
FC7713–	mm in		mm	in	mm	in	mm	in
2020S	50,8 2.00	–20	174,2	6.86	98,0	3.86	26,7	1.05
2420S	60,5 2.38	–20	174,2	6.86	98,0	3.86	26,7	1.05
2424S	60,5 2.38	–24	199,6	7.86	124,5	4.90	32,5	1.28
3224S	71,4 2.81	–24	199,6	7.86	124,5	4.90	32,5	1.28
FC7370–	mm in		mm	in	mm	in	mm	in
1208S	41,1 1.62	–08	102,9	4.05	64,5	2.54	9,4	.37
1212S	41,1 1.62	–12	121,7	4.79	74,2	2.92	14,2	.56
1612S	47,8 1.88	–12	121,7	4.79	74,2	2.92	14,2	.56
1616S	47,8 1.88	–16	144,5	5.69	92,2	3.63	20,6	.81
2016S	53,8 2.12	–16	144,5	5.69	92,2	3.63	20,6	.81
FC5973–	mm in		mm	in	mm	in	mm	in
2020S	53,8 2.12	–20	174,2	6.86	97,8	3.85	26,7	1.05
2420S	63,5 2.50	–20	174,2	6.86	97,8	3.85	26,7	1.05
2424S	63,5 2.50	–24	199,6	7.86	124,5	4.90	32,5	1.28
3224S	79,2 3.12	–24	199,6	7.86	124,5	4.90	32,5	1.28

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For socket part numbers, see page 65.171

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
EQUIPMENT

APPENDICES

Reusable Fittings

Spiral Skive Style

For use with Hose:

GH493, FC736

22½° Split Flange

Code 61 SAE J518

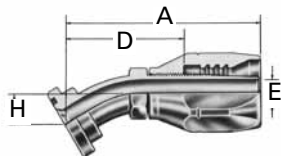
FC9634–

FC7714–

Code 62 SAE J518

FC7983–

FC5974–



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC9634–											
0808S	30,2	1.19	–08	96,7	3.81	58,4	2.30	9,9	.39	9,7	.38
1208S	38,1	1.50	–08	96,7	3.81	58,4	2.30	9,9	.39	9,7	.38
1212S	38,1	1.50	–12	114,6	4.51	67,1	2.64	15,5	.61	11,2	.44
1612S	44,5	1.75	–12	114,6	4.51	67,1	2.64	15,5	.61	11,2	.44
1616S	44,5	1.75	–16	131,6	5.18	79,2	3.12	20,8	.82	11,2	.44
2016S	50,8	2.00	–16	131,6	5.18	79,2	3.12	20,8	.82	11,2	.44
FC7714–											
2020S	50,8	2.00	–20	167,9	6.61	91,7	3.61	26,7	1.05	12,7	.50
2420S	60,5	2.38	–20	167,9	6.61	91,7	3.61	26,7	1.05	12,7	.50
2424S	60,5	2.38	–24	192,0	7.56	117,1	4.61	32,5	1.28	16,0	.63
3224S	71,4	2.81	–24	192,0	7.56	117,1	4.61	32,5	1.28	16,0	.63
FC7983–											
1208S	41,1	1.62	–08	96,7	3.81	58,4	2.30	9,9	.39	9,7	.38
1212S	41,1	1.62	–12	114,6	4.51	67,1	2.64	15,5	.61	11,2	.44
1612S	47,8	1.88	–12	114,6	4.51	67,1	2.64	15,5	.61	11,2	.44
1616S	47,8	1.88	–16	131,6	5.18	79,2	3.12	20,8	.82	11,2	.44
2016S	53,8	2.12	–16	131,6	5.18	79,2	3.12	20,8	.82	11,2	.44
FC5974–											
2020S	53,8	2.12	–20	167,9	6.61	91,7	3.61	26,7	1.05	12,7	.50
2420S	63,5	2.50	–20	167,9	6.61	91,7	3.61	26,7	1.05	12,7	.50
2424S	63,5	2.50	–24	192,0	7.56	117,1	4.61	32,5	1.28	16,0	.63
3224S	79,2	3.12	–24	192,0	7.56	117,1	4.61	57,9	2.28	16,0	.63

30° Split Flange

Code 61 SAE J518

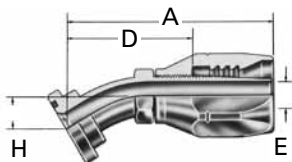
FC9459–

FC7790–

Code 62 SAE J518

FC7371–

FC5975–



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC9459–											
0808S	30,2	1.19	–08	95,8	3.77	57,4	2.26	9,9	.39	12,7	.50
1208S	38,1	1.50	–08	95,8	3.77	57,4	2.26	9,9	.39	12,7	.50
1212S	38,1	1.50	–12	113,3	4.46	65,8	2.59	15,5	.61	14,7	.58
1612S	44,5	1.75	–12	113,3	4.46	65,8	2.59	15,5	.61	14,7	.58
1616S	44,5	1.75	–16	134,1	5.28	81,8	3.22	20,8	.82	15,7	.62
2016S	50,8	2.00	–16	134,1	5.28	81,8	3.22	20,8	.82	15,7	.62
FC7790–											
2020S	50,8	2.00	–20	172,2	6.78	96,0	3.78	26,7	1.05	18,3	.72
2420S	60,5	2.38	–20	172,2	6.78	96,0	3.78	26,7	1.05	18,3	.72
2424S	60,5	2.38	–24	195,1	7.68	120,1	4.73	32,5	1.28	22,4	.88
3224S	71,4	2.81	–24	195,1	7.68	120,1	4.73	32,5	1.28	22,4	.88
FC7371–											
1208S	41,1	1.62	–08	95,8	3.77	57,4	2.26	9,9	.39	12,7	.50
1212S	41,1	1.62	–12	113,3	4.46	65,8	2.59	15,5	.61	14,7	.58
1612S	47,8	1.88	–12	113,3	4.46	65,8	2.59	15,5	.61	14,7	.58
1616S	47,8	1.88	–16	134,1	5.28	81,8	3.22	20,8	.82	15,7	.62
2016S	53,8	2.12	–16	134,1	5.28	81,8	3.22	20,8	.82	15,7	.62
FC5975–											
2020S	53,8	2.12	–20	172,2	6.78	96,0	3.78	26,7	1.05	18,3	.72
2420S	63,5	2.50	–20	172,2	6.78	96,0	3.78	26,7	1.05	18,3	.72
2424S	63,5	2.50	–24	195,1	7.68	120,1	4.73	32,5	1.28	22,4	.88
3224S	79,2	3.12	–24	195,1	7.68	120,1	4.73	32,5	1.28	22,4	.88

NOTE: For correct socket part number, see page 65.

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

Reusable Fittings

Spiral Skive Style

For use with Hose:

GH493, FC736

45° Split Flange

Code 61 SAE J518

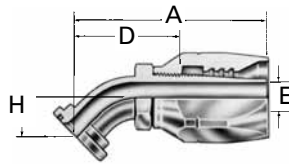
190936-

FC7715-

Code 62 SAE J518

FC7372-

FC5976-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
190936-											
8S	30,2	1.19	-08	96,0	3.78	57,7	2.27	9,4	.37	19,8	.78
12-8S	38,1	1.50	-08	96,0	3.78	57,7	2.27	9,4	.37	19,8	.78
12S	38,1	1.50	-12	119,6	4.71	72,1	2.84	14,2	.56	25,4	1.00
16-12S	44,5	1.75	-12	119,6	4.71	72,1	2.84	14,2	.56	25,4	1.00
16S	44,5	1.75	-16	140,5	5.53	88,1	3.47	20,6	.81	26,9	1.06
20-16S	50,8	2.00	-16	140,5	5.53	88,1	3.47	20,6	.81	26,9	1.06
FC7715-											
1620S	44,5	1.75	-20	169,2	6.66	93,0	3.66	20,8	.82	26,9	1.06
2020S	50,8	2.00	-20	174,5	6.87	98,3	3.87	26,7	1.05	29,2	1.15
2420S	60,5	2.38	-20	174,5	6.87	98,3	3.87	26,7	1.05	29,2	1.15
2424S	60,5	2.38	-24	197,9	7.79	122,9	4.84	32,5	1.28	35,8	1.41
3224S	71,4	2.81	-24	197,9	7.79	122,9	4.84	32,5	1.28	35,8	1.41
FC7372-											
0808S	31,8	1.25	-08	96,0	3.78	57,7	2.27	9,4	.37	19,8	.78
1208S	41,1	1.62	-08	96,0	3.78	57,7	2.27	9,9	.39	19,8	.78
1212S	41,1	1.62	-12	119,6	4.71	72,1	2.84	15,5	.61	25,4	1.00
1612S	47,8	1.88	-12	119,6	4.71	72,1	2.84	15,5	.61	25,4	1.00
1616S	47,8	1.88	-16	140,5	5.53	88,1	3.47	20,8	.82	26,9	1.06
2016S	53,8	2.12	-16	140,5	5.53	88,1	3.47	20,8	.82	26,9	1.06
FC5976-											
2020S	53,8	2.12	-20	174,5	6.87	98,3	3.87	26,7	1.05	29,2	1.15
2420S	63,5	2.50	-20	174,5	6.87	98,3	3.87	26,7	1.05	29,2	1.15
2424S	63,5	2.50	-24	197,9	7.79	122,9	4.84	32,5	1.28	35,8	1.41
3224S	79,2	3.12	-24	197,9	7.79	122,9	4.84	32,5	1.28	35,8	1.41

60° Split Flange

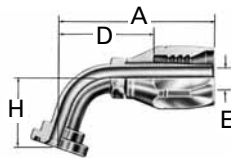
Code 61 SAE J518

FC9066-/FC5060-

Code 62 SAE J518

FC7373-

FC5977-



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC9066-											
0808S	30,2	1.19	-08	94,5	3.72	56,1	2.21	9,9	.39	26,7	1.05
1208S	38,1	1.50	-08	94,5	3.72	56,1	2.21	9,9	.39	26,7	1.05
1212S	38,1	1.50	-12	120,4	4.74	72,9	2.87	15,5	.61	35,8	1.41
1612S	44,5	1.75	-12	120,4	4.74	72,9	2.87	15,5	.61	35,8	1.41
1616S	44,5	1.75	-16	141,2	5.56	88,9	3.50	20,8	.82	38,1	1.50
2016S	50,8	2.00	-16	141,2	5.56	88,9	3.50	20,8	.82	38,1	1.50
FC5060-											
2020S	50,8	2.00	-20	177,0	6.97	100,8	3.97	26,7	1.05	42,2	1.66
2420S	60,5	2.38	-20	177,0	6.97	100,8	3.97	26,7	1.05	42,2	1.66
2024S	50,8	2.00	-24	184,7	7.27	109,7	4.32	26,7	1.05	42,2	1.66
2424S	60,5	2.38	-24	199,4	7.85	124,5	4.90	32,5	1.28	50,8	2.00
3224S	71,4	2.81	-24	199,4	7.85	124,5	4.90	32,5	1.28	50,8	2.00
FC7373-											
1208S	41,1	1.62	-08	94,5	3.72	56,1	2.21	9,9	.39	26,7	1.05
1212S	41,1	1.62	-12	120,4	4.74	72,9	2.87	15,5	.61	35,8	1.41
1612S	47,8	1.88	-12	120,4	4.74	72,9	2.87	15,5	.61	35,8	1.41
1616S	47,8	1.88	-16	141,2	5.56	88,9	3.50	20,8	.82	38,1	1.50
2016S	53,8	2.12	-16	141,2	5.56	88,9	3.50	20,8	.82	38,1	1.50
FC5977-											
2020S	53,8	2.12	-20	177,0	6.97	100,8	3.97	26,7	1.05	42,2	1.66
2420S	63,5	2.50	-20	177,0	6.97	100,8	3.97	26,7	1.05	42,2	1.66
2424S	63,5	2.50	-24	199,4	7.85	124,5	4.90	32,5	1.28	50,8	2.00
3224S	79,2	3.12	-24	199,4	7.85	124,5	4.90	32,5	1.28	50,8	2.00

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

Spiral Skive Style

For use with Hose:

GH493, FC736

67¹/₂° Split Flange

Code 61 SAE J518

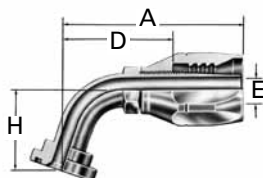
FC9118–

FC7811–

Code 62 SAE J518

FC7984–

FJ9034–



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
FC9188–											
0808S	30,2	1.19	–08	95,8	3.77	57,4	2.26	9,9	.39	31,8	1.25
1208S	38,1	1.50	–08	95,8	3.77	57,4	2.26	9,9	.39	31,8	1.25
1212S	38,1	1.50	–12	119,1	4.69	71,6	2.82	15,5	.61	40,6	1.60
1612S	44,5	1.75	–12	119,1	4.69	71,6	2.82	15,5	.61	40,6	1.60
1616S	44,5	1.75	–16	141,7	5.58	89,7	3.53	20,8	.82	44,5	1.75
2016S	50,8	2.00	–16	141,7	5.58	89,7	3.53	20,8	.82	44,5	1.75
FC7811–											
	mm	in		mm	in	mm	in	mm	in	mm	in
2020S	50,8	2.00	–20	176,3	6.94	100,1	3.94	26,7	1.05	48,3	1.90
2420S	60,5	2.38	–20	176,3	6.94	100,1	3.94	26,7	1.05	48,3	1.90
2424S	60,5	2.38	–24	187,5	7.38	112,5	4.43	32,5	1.28	50,8	2.00
3224S	71,4	2.81	–24	187,5	7.38	112,5	4.43	32,5	1.28	50,8	2.00
FC7984–											
	mm	in		mm	in	mm	in	mm	in	mm	in
1208S	41,1	1.62	–08	95,8	3.77	57,4	2.26	9,9	.39	31,8	1.25
1212S	41,1	1.62	–12	119,1	4.69	71,6	2.82	5,5	.61	40,6	1.60
1612S	47,8	1.88	–12	119,1	4.69	71,6	2.82	15,5	.61	40,6	1.60
1616S	47,8	1.88	–16	141,7	5.58	89,7	3.53	20,8	.82	44,5	1.75
2016S	53,8	2.12	–16	141,7	5.58	89,7	3.53	20,8	.82	44,5	1.75
FC9034–											
	mm	in		mm	in	mm	in	mm	in	mm	in
2020S	53,8	2.12	–20	176,3	6.94	100,1	3.94	26,7	1.05	48,3	1.90
2420S	63,5	2.50	–20	176,3	6.94	100,1	3.94	26,7	1.05	48,3	1.90
2424S	63,5	2.50	–24	187,5	7.38	112,5	4.43	32,5	1.28	50,8	2.00
3224S	79,2	3.12	–24	187,5	7.38	112,5	4.43	32,5	1.28	50,8	2.00

90° Split Flange

Code 61 SAE J518

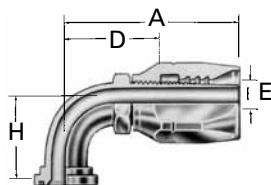
190937–

FC7703–

Code 62 SAE J518

FC7374–

FJ9033–



Dash Size	Flange Head Dia.		Hose Size	A		D		EØ		H	
	mm	in		mm	in	mm	in	mm	in	mm	in
190937–											
8S	30,2	1.19	–08	89,4	3.52	51,3	2.02	9,9	.39	41,1	1.62
12–8S	38,1	1.50	–08	89,4	3.52	51,3	2.02	9,9	.39	41,1	1.62
12S	38,1	1.50	–12	112,5	4.43	65,0	2.56	15,5	.61	54,1	2.13
16–12S	44,5	1.75	–12	112,5	4.43	65,0	2.56	15,5	.61	54,1	2.13
20–12S	50,8	2.00	–12	112,5	4.43	65,0	2.56	15,5	.61	54,1	2.13
16S	44,5	1.75	–16	135,6	5.34	83,3	3.28	20,8	.82	60,5	2.38
20–16S	50,8	2.00	–16	135,6	5.34	83,3	3.28	20,8	.82	60,5	2.38
24–16S	60,5	2.38	–16	135,6	5.34	83,3	3.28	20,8	.82	60,5	2.38
FC7703–											
	mm	in		mm	in	mm	in	mm	in	mm	in
2020S	50,8	2.00	–20	170,7	6.72	94,5	3.72	26,7	1.05	66,5	2.62
2420S	60,5	2.38	–20	170,7	6.72	94,5	3.72	26,7	1.05	66,5	2.62
2424S	60,5	2.38	–24	191,0	7.52	115,8	4.56	32,5	1.28	79,2	3.12
3224S	71,4	2.81	–24	191,0	7.52	115,8	4.56	32,5	1.28	79,2	3.12
FC7374–											
	mm	in		mm	in	mm	in	mm	in	mm	in
0808S	31,8	1.25	–08	89,4	3.52	51,3	2.02	9,9	.39	41,1	1.62
1208S	41,1	1.62	–08	89,4	3.52	51,3	2.02	9,9	.39	41,1	1.62
1212S	41,1	1.62	–12	112,5	4.43	65,0	2.56	15,5	.61	54,1	2.13
1612S	47,8	1.88	–12	112,5	4.43	65,0	2.56	15,5	.61	54,1	2.13
1616S	47,8	1.88	–16	135,6	5.34	83,3	3.28	20,8	.82	60,5	2.38
2016S	53,8	2.12	–16	135,6	5.34	83,3	3.28	20,8	.82	57,9	2.28
FJ9033–											
	mm	in		mm	in	mm	in	mm	in	mm	in
2020S	53,8	2.12	–20	170,7	6.72	94,5	3.72	26,7	1.05	66,5	2.62
2420S	63,5	2.50	–20	170,7	6.72	94,5	3.72	26,7	1.05	66,5	2.62
2424S	65,5	2.50	–24	191,0	7.52	115,8	4.56	32,5	1.28	79,2	3.12
3224S	79,2	3.12	–24	191,0	7.52	115,8	4.56	32,5	1.28	79,2	3.12

NOTE: For flanges, split flange halves, kits and o-rings, see pages 190-195.

NOTE: For correct socket part number, see page 65.

Reusable Fittings

Spiral Skive Style

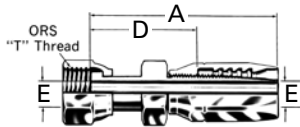
For use with Hose:

GH493, FC736

ORS Swivel Straight

FJ9740-

FJ9744-

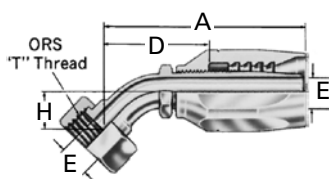


Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ9740-								
0606S	1 ¹¹ / ₁₆ -16	-06	85,1	3.35	43,7	1.72	6,6	.26
0808S	1 ³ / ₁₆ -16	-08	86,4	3.40	48,0	1.89	9,9	.39
1212S	1 ³ / ₁₆ -12	-12	102,9	4.05	55,4	2.18	15,5	.61
1616S	1 ⁷ / ₁₆ -12	-16	121,4	4.78	67,6	2.66	20,8	.82
FJ9744-								
2020S	1 ¹¹ / ₁₆ -12	-20	148,6	5.85	72,4	2.85	26,7	1.05
2424S	2-12	-24	156,0	6.14	81,3	3.20	32,0	1.26

ORS Swivel 45° Elbow

FJ9741-

FJ9745-

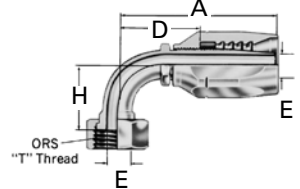


Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9741-										
0808S	1 ³ / ₁₆ -16	-08	89,9	3.54	51,3	2.02	9,4	.37	15,0	.59
1212S	1 ³ / ₁₆ -12	-12	115,1	4.53	67,6	2.66	14,2	.56	21,1	.83
1616S	1 ⁷ / ₁₆ -12	-16	140,5	5.53	88,1	3.47	20,6	.81	23,9	.94
FJ9745-										
2020S	1 ¹¹ / ₁₆ -12	-20	167,1	6.58	90,9	3.58	25,7	1.01	25,4	1.00

ORS Swivel 90° Elbow Short Drop

FJ9742-

FJ9746-

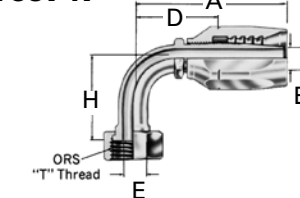


Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9742-										
0808S	1 ³ / ₁₆ -16	-08	83,8	3.30	45,5	1.79	9,4	.37	29,2	1.15
1212S	1 ³ / ₁₆ -12	-12	112,5	4.43	65,0	2.56	14,2	.56	47,8	1.88
1616S	1 ⁷ / ₁₆ -12	-16	133,1	5.24	80,8	3.18	20,6	.81	56,1	2.21
FJ9746-										
2020S	1 ¹¹ / ₁₆ -12	-20	169,2	6.66	93,0	3.66	25,7	1.01	63,8	2.51
2424S	2-12	-24	191,0	7.52	115,8	4.56	30,2	1.19	68,6	2.70

ORS Swivel 90° Elbow Long Drop

FJ9743-

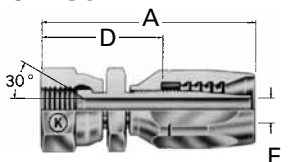
FJ9747-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ9743-										
0808S	1 ³ / ₁₆ -16	-08	89,4	3.52	51,3	2.02	9,4	.37	63,8	2.51
1212S	1 ³ / ₁₆ -12	-12	112,5	4.43	65,0	2.56	14,2	.56	96,0	3.78
1616S	1 ⁷ / ₁₆ -12	-16	135,6	5.34	83,3	3.28	20,6	.81	114,3	4.50
FJ9747-										
2020S	1 ¹¹ / ₁₆ -12	-20	170,7	6.72	94,5	3.72	25,7	1.01	129,3	5.09
2424S	2-12	-24	191,0	7.52	115,8	4.56	32,8	1.29	140,7	5.54

Komatsu 30° Swivel-Metric Threads

FJ7286-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ7286-								
0408S	M22 x 1.5	-08	84,3	3.32	42,2	1.66	9,4	.37
0512S	M24 x 1.5	-12	99,6	3.92	52,3	2.06	12,2	.48
0612S	M30 x 1.5	-12	103,6	4.08	56,4	2.22	15,5	.61
1016S	M33 x 1.5	-16	123,4	4.86	70,1	2.76	20,3	.80

NOTE: For correct socket part number, see page 65.

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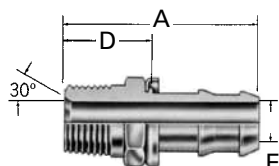
Socketless

For use with Hose:

2556, 2565, 2575, FC332, FC647, H201

Socketless, Male Pipe

4738-



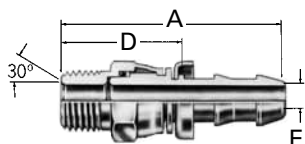
Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4738-								
2-4B	1/8-27	-04	35,6	1.40	16,5	.65	4,3	.17
4-4B	1/4-18	-04	40,1	1.58	21,1	.83	4,3	.17
4-6B	1/4-18	-06	44,7	1.76	22,6	.89	7,6	.30
6-6B	3/8-18	-06	44,7	1.76	22,6	.89	7,6	.30
6-8B	3/8-18	-08	48,5	1.91	22,6	.89	9,9	.39
8-8B	1/2-14	-08	54,9	2.16	29,0	1.14	9,9	.39
8-10B	1/2-14	-10	68,1	2.68	29,0	1.14	12,2	.48
12-12B	3/4-14	-12	69,1	2.72	30,7	1.21	15,5	.61

Male Pipe Swivel

FJ9068-

FJ9486-

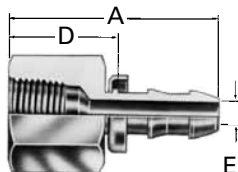
**Uses Neoprene o-ring



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ9068-								
0404S	1/4-18	-04	55,6	2.19	36,3	1.43	4,3	.17
0606S	3/8-18	-06	58,4	2.30	36,3	1.43	7,6	.30
0808S	1/2-14	-08	68,6	2.70	42,9	1.69	9,9	.39
FJ9486-								
0204B	1/8-27	-04	43,8	1.70	23,9	.94	3,0	.12

Female Pipe

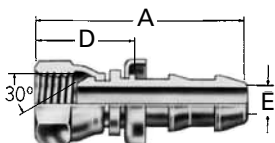
4753-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
4753-								
4-4B	1/4-18	-04	38,6	1.52	19,6	.77	4,3	.17
6-6B	3/8-18	-06	43,8	1.70	21,1	.83	7,6	.30
8-8B	1/2-14	-08	51,6	2.03	25,9	1.02	9,9	.39

Female NPSM Swivel

FC5853-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FC5853-								
0404S	1/4-18	-04	41,7	1.64	22,6	.89	4,3	.17
0606S	3/8-18	-06	44,5	1.75	22,6	.89	7,6	.30
0808S	1/2-14	-08	51,6	2.03	25,7	1.01	9,9	.39
1212S	3/4-14	-12	66,8	2.63	28,2	1.11	15,5	.61

Reusable Fittings

Socketless

For use with Hose:

2556, 2565, 2575, FC332,
FC647, H201

Universal†

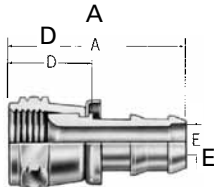
4797–

SAE 45°*

4739–

SAE 37° (JIC)

4741–



Dash Size	Thread	Hose Size	A		D		EØ	
4797–			mm	in	mm	in	mm	in
4B†	7/16-20	–04	37,1	1.46	18,0	.71	4,3	.17
5-4B†	1/2-20	–04	38,6	1.52	19,6	.77	4,3	.17
8-6B†	3/4-16	–06	45,5	1.79	23,6	.93	7,6	.30
8B†	3/4-16	–08	49,5	1.95	23,6	.93	9,9	.39
10-8B†	7/8-14	–08	52,6	2.07	26,9	1.06	9,9	.39
10B†	7/8-14	–10	66,0	2.60	26,9	1.06	12,2	.48

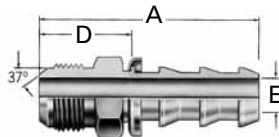
Dash Size	Thread	Hose Size	A		D		EØ	
4739–			mm	in	mm	in	mm	in
6B*	5/8-18	–06	42,4	1.67	20,6	.81	7,6	.30
12B*	1 1/16-14	–12	68,8	2.71	30,2	1.19	15,5	.61

Dash Size	Thread	Hose Size	A		D		EØ	
4741–			mm	in	mm	in	mm	in
6B	9/16-18	–06	42,4	1.67	20,3	.80	7,6	.30
12B	1 1/16-12	–12	68,8	2.71	30,2	1.19	15,5	.61

SAE 37° (JIC)

Male Flare

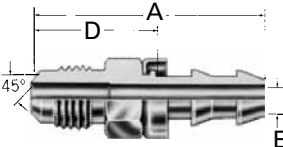
190672–



Dash Size	Thread	Hose Size	A		D		EØ	
190672–			mm	in	mm	in	mm	in
4B	7/16-20	–04	41,4	1.63	22,4	.88	4,3	.17
6B	9/16-18	–06	44,5	1.75	22,6	.89	7,6	.30

SAE 45° Male Flare

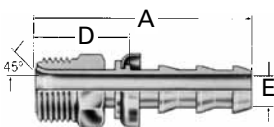
4742–



Dash Size	Thread	Hose Size	A		D		EØ	
4742–			mm	in	mm	in	mm	in
4B	7/16-20	–04	40,1	1.58	21,1	.83	4,3	.17
5-4B	1/2-20	–04	41,7	1.64	22,6	.89	4,3	.17
6B	5/8-18	–06	46,2	1.82	24,1	.95	7,1	.28
8B	3/4-16	–08	53,3	2.10	27,4	1.08	9,9	.39

SAE 45° Inverted Male Flare

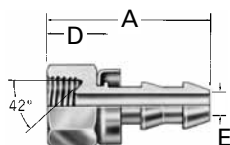
4740–



Dash Size	Thread	Hose Size	A		D		EØ	
4740–			mm	in	mm	in	mm	in
3-4B	3/8-24	–04	38,1	1.50	19,1	.75	3,3	.13
4B	7/16-24	–04	38,1	1.50	19,1	.75	4,3	.17
5-4B	1/2-20	–04	40,1	1.58	20,8	.82	4,3	.17
6B	5/8-18	–06	43,7	1.72	21,8	.86	7,6	.30
8B	3/4-18	–08	49,8	1.96	23,9	.94	9,9	.39
10B	7/8-18	–10	64,8	2.55	25,7	1.01	12,2	.48

SAE 42° Inverted Female Flare

4743–



Dash Size	Thread	Hose Size	A		D		EØ	
4743–			mm	in	mm	in	mm	in
3-4B	3/8-24	–04	30,7	1.21	11,7	.46	3,3	.13
4B	7/16-24	–04	30,7	1.21	11,7	.46	4,3	.17
5-4B	1/2-20	–04	31,5	1.24	12,4	.49	4,3	.17
6B	5/8-18	–06	35,8	1.41	14,0	.55	7,6	.30
8-6B	3/4-18	–06	36,6	1.44	14,7	.58	7,6	.30

†Double notch in nut for Universal type identification for both SAE 45° and 37° (JIC) connections.

*Single notch in nut for SAE 45° identification.

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HIGH PRESSURE HOSE

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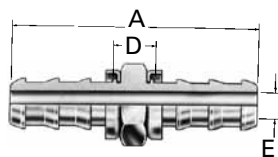
Socketless

For use with Hose:

2556, 2565, 2575, FC332, FC647, H201

Hose Mender

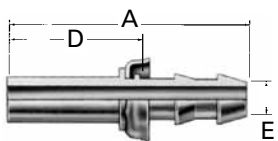
4772-



Dash Size		Hose Size	A		D		EØ	
4772-			mm	in	mm	in	mm	in
4B		-04	47,0	1.85	8,1	.32	4,3	.17
6B		-06	52,8	2.08	8,1	.32	7,6	.30
8B		-08	62,0	2.44	9,7	.38	9,9	.39
10B		-10	90,2	3.55	11,9	.47	12,2	.48
12B		-12	90,7	3.57	13,7	.54	15,5	.61

Compression Type

4750-



Dash Size	Tube Size	Hose Size	A		D		EØ	
4750-			mm	in	mm	in	mm	in
3-4B	-03	-04	45,0	1.77	25,9	1.02	3,3	.13
4B	-04	-04	45,0	1.77	25,9	1.02	4,3	.17
5-4B	-05	-04	46,5	1.83	27,4	1.08	4,3	.17
6B	-06	-06	52,6	2.07	30,7	1.21	7,6	.30
8B	-08	-08	59,4	2.34	33,8	1.33	9,9	.39
10B	-10	-10	65,3	2.57	26,2	1.03	12,2	.48

45° Elbow

SAE 45° Swivel*

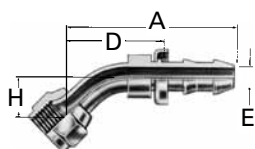
FC5848-

SAE 37° (JIC) Swivel

FC5847-

Universal Swivel†

FC5849-



Dash Size	Tube Size	Hose Size	A		D		EØ		H	
FC5848-			mm	in	mm	in	mm	in	mm	in
0606S*	5/8-18	-06	45,7	1.80	23,6	.93	7,6	.30	9,9	.39

FC5847-										
0606S	9/16-18	-06	45,7	1.80	23,6	.93	7,6	.30	9,9	.39

FC5849-										
0404S†	7/16-20	-04	39,6	1.56	20,6	.81	4,3	.17	8,4	.33
0808S†	3/4-16	-08	58,4	2.30	32,5	1.28	9,9	.39	14,0	.55

†Double notch in nut for Universal type identification for both SAE 45° and 37° (JIC) connections.

*Single notch in nut for SAE 45° identification.

Reusable Fittings

Socketless

For use with Hose:

2556, 2565, 2575, FC332, FC647, H201

90° Elbow (Short)

SAE 45° Swivel*

190328–

SAE 37° (JIC) Swivel

190516–

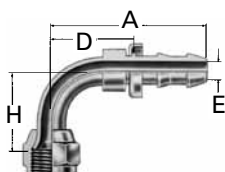
90° Elbow (Long)

SAE 37° (JIC) Swivel

190465–

Universal Swivel†

FC5852–

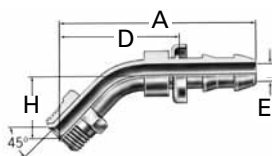


Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190328–										
6S*	5/8-18	–06	42,9	1.69	21,1	.83	7,6	.30	21,6	.85
190516–										
6S	9/16-18	–06	43,8	1.70	21,1	.83	7,6	.30	21,6	.85
190465–										
6S	9/16-18	–06	43,8	1.70	21,1	.83	7,6	.30	55,4	2.18
FC5852–										
0404S†	7/16-20	–04	36,8	1.45	17,8	.70	4,3	.17	45,7	1.80

SAE Male Inverted

Flare 45° Elbow

190944–



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190944–										
4S	7/16-24	–04	62,5	2.46	43,8	1.70	4,3	.17	24,4	.96
6S	5/8-18	–06	65,3	2.57	43,8	1.70	7,6	.30	24,4	.96

SAE Male Inverted

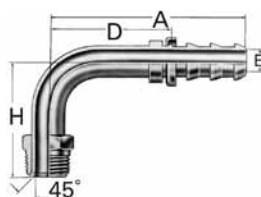
Flare 90° Elbow (Short)

190327

SAE Male Inverted

Flare 90° Elbow (Long)

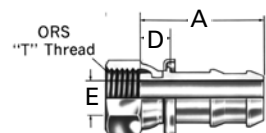
190326



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190327–										
4S	7/16-24	–04	52,8	2.08	33,8	1.33	4,3	.17	42,9	1.69
6S	5/8-18	–06	55,9	2.20	33,8	1.33	7,6	.30	43,9	1.73
8S	3/4-18	–08	59,4	2.34	33,8	1.33	9,9	.39	44,5	1.75
190326–										
6S	5/8-18	–06	82,3	3.24	60,5	2.38	7,6	.30	69,3	2.73

ORS Swivel Straight

FJ7044–



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ7044–								
0404S	9/16-18	–04	27,9	1.10	9,0	.35	4,3	.17
0606S	1 1/16-16	–06	32,0	1.26	9,9	.39	6,6	.26
0808S	1 3/16-16	–08	38,1	1.50	12,4	.49	9,7	.38
1212S	1 3/16-12	–12	52,6	2.07	14,0	.55	15,5	.61

†Double notch in nut for Universal type identification for both SAE 45° and 37° (JIC) connections.

*Single notch in nut for SAE 45° identification.

SPECIALTY &
TRUCK HOSE

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

HOSE FITTINGS

ADAPTERS &
TUBE FITTINGS

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

HOSE ASSEMBLY
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Reusable Fittings

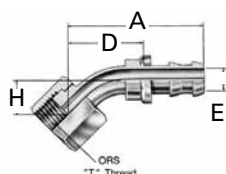
Socketless

For use with Hose:

2556, 2565, 2575, FC332, FC647, H201

ORS Swivel 45° Elbow

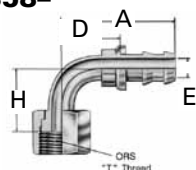
FJ7023-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ7023-										
0404S	9/16-18	-04	41,7	1.64	22,6	.89	4,3	.17	10,4	.41
0606S	11/16-16	-06	46,7	1.84	24,6	.97	7,6	.30	11,2	.44
0808S	13/16-16	-08	59,4	2.34	33,5	1.32	9,9	.39	15,0	.59
1212S	13/16-12	-12	86,9	3.42	48,3	1.90	15,5	.61	21,1	.83

ORS Swivel 90° Elbow

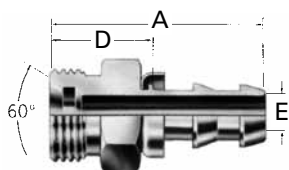
FJ7358-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ7358-										
0404S	9/16-18	-04	38,6	1.52	19,6	.77	4,3	.17	20,8	.82
0606S	11/16-16	-06	43,8	1.70	23,6	.93	7,6	.30	23,1	.91
0808S	13/16-16	-08	52,3	2.06	26,7	1.05	9,9	.39	29,2	1.15
1212S	13/16-12	-12	84,3	3.32	43,8	1.70	15,5	.61	48,3	1.90

BSP Socketless Male

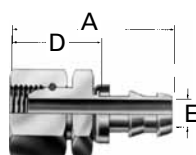
07.122-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.122-								
4-4	1/4-19	-04	39,5	1.56	20,5	0.81	4.0	.16
6-6	3/8-19	-06	44,0	1.73	22,0	0.87	7.5	.30
8-8	1/2-14	-08	50,0	1.97	24,0	0.94	10.0	.39
10-10	5/8-14	-10	67,0	2.64	28,0	1.10	12.0	.47
12-12	3/4-14	-12	66,5	2.62	28,0	1.10	15.5	.61
16-12	1-11	-12	70,0	2.76	31,5	1.24	15.5	.61

BSP Socketless, Metric Female Swivel

07.390-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.390-								
4-4	1/4-19	-04	45,0	1.79	26,5	1.04	4.0	.16
6-6	3/8-19	-06	50,0	1.97	28,0	1.10	7.5	.30
8-8	1/2-14	-08	56,0	2.20	30,0	1.18	10.0	.39
10-10	5/8-14	-10	70,0	2.76	31,0	1.22	12.0	.47
12-12	3/4-14	-12	71,5	2.81	33,0	1.30	15.5	.61
16-12	1-11	-12	74,5	2.93	36,0	1.42	15.5	.61

Material for BSP and metric fittings is steel.

Reusable Fittings

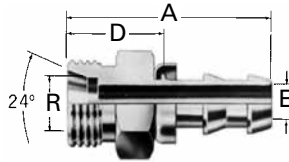
Socketless

For use with Hose:

2556, 2565, 2575, FC332, FC647, H201

Metric Male 24° DIN 3901/3902 I. Rh.

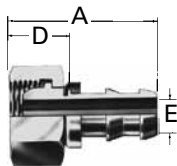
07.021-



Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.021-										
6-4	M12 x 1.5	-04	38,0	1.50	19,0	.75	4,0	.16	6,0	.24
10-6	M16 x 1.5	-06	42,0	1.65	20,0	.79	7,5	.30	10,0	.39
15-8	M22 x 1.5	-08	47,0	1.85	21,0	.83	10,0	.39	15,0	.59

Metric Female Swivel 60° DIN 7631/ 7647

07.114-

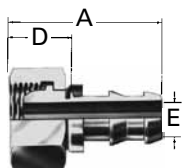


Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
07.114-								
20-12	M30 x 1.5	-12	56,5	2.22	18	.71	15,5	.61

Metric Universal Female Swivel 24° DIN 3901/3902 I.Rh.

07.006-

07.001-



Dash Size	Thread	Hose Size	A		D		EØ		RØ	
			mm	in	mm	in	mm	in	mm	in
07.006-										
4-4†	M12 x 1.5	-04	37,5	1.48	18,5	.73	4,0	.16	6,0	.24
8-6†	M16 x 1.5	-06	41,5	1.63	19,5	.77	7,5	.30	10,0	.39
07.001-										
6-4†	M14 x 1.5	-04	35,0	1.38	16,0	.63	4,0	.16	8,0	.31
10-6†	M18 x 1.5	-06	38,5	1.52	16,5	.65	7,5	.30	12,0	.47
13-8†	M22 x 1.5	-08	46,5	1.83	20,5	.81	10,0	.39	15,0	.59
16-10†	M26 x 1.5	-10	57,0	2.24	18,0	.71	12,0	.47	18,0	.71

Material for BSP and metric fittings is steel.

*RØ is tube O.D. and refers to mating component when not called out on the illustration.

†Universal fitting also mates with DIN 7631/7647 60° connections.

SPECIALTY &
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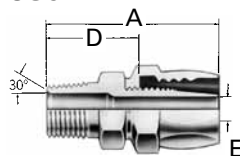
Reusable Fittings

For use with Hose:

2550, 2554, 2570

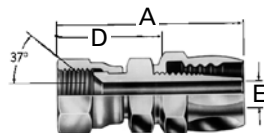
Power Steering & Airbrake

Male Pipe 479301-



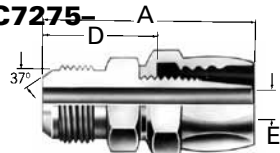
Dash Size	Thread	Hose Size	A		D		EØ	
479301-			mm	in	mm	in	mm	in
4-4S	1/4-18	-04	51,6	2.03	27,7	1.09	4,8	.19
4-6S	1/4-18	-06	54,4	2.14	29,0	1.14	7,6	.30
6-6S	3/8-18	-06	54,4	2.14	29,0	1.14	7,6	.30
8-6S	1/2-14	-06	58,9	2.32	33,5	1.32	7,6	.30
8-8S	1/2-14	-08	72,4	2.85	40,1	1.58	9,1	.36

SAE 37° (JIC) Swivel 190800-



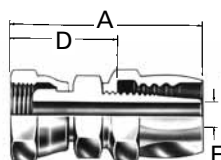
Dash Size	Thread	Hose Size	A		D		EØ	
190800-			mm	in	mm	in	mm	in
4S	7/16-20	-04	52,8	2.08	29,0	1.14	4,3	.17
5-4S	1/2-20	-04	54,1	2.13	30,2	1.19	4,8	.19
6S	9/16-18	-06	58,6	2.31	33,3	1.31	7,6	.30

SAE 37° (JIC) Male Flare FC7275-



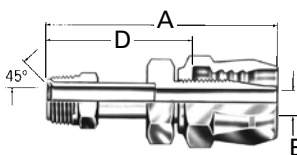
Dash Size	Thread	Hose Size	A		D		EØ	
FC7275-			mm	in	mm	in	mm	in
0606S	9/16-18	-06	58,9	2.32	33,5	1.32	7,6	.30

USF Swivel 479501-



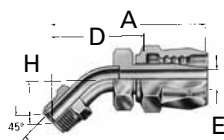
Dash Size	Thread	Hose Size	A		D		EØ	
479501-			mm	in	mm	in	mm	in
8-6S	3/4-20	-06	58,2	2.29	33,0	1.30	7,6	.30

Male Inverted Flare 190604-



Dash Size	Thread	Hose Size	A		D		EØ	
190604-			mm	in	mm	in	mm	in
4-6S	7/16-24	-06	67,8	2.67	42,4	1.67	4,6	.18
6S	5/8-18	-06	67,8	2.67	42,4	1.67	7,6	.30

Male Inverted Flare 45° Elbow 190605-



Dash Size	Thread	Hose Size	A		D		EØ		H
190605-			mm	in	mm	in	mm	in	mm
4-6S	7/16-24	-06	74,9	2.95	49,5	1.95	4,6	.18	24,4
6S	5/8-18	-06	74,9	2.95	49,5	1.95	7,6	.30	24,4

NOTE: For correct socket part number, see page 65.

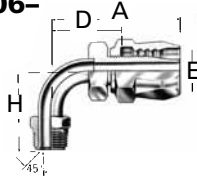
Reusable Fittings

Power Steering & Airbrake

For use with Hose:

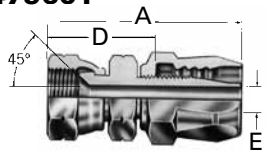
2550, 2554, 2570

Male Inverted Flare 90° Elbow 190606-



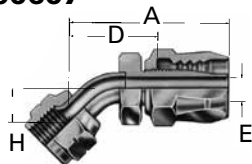
Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190606-										
-4-6S	7/16-24	-06	65,5	2.58	40,1	1.58	4,6	.18	42,9	1.69
5-6S	1/2-20	-06	65,5	2.58	40,1	1.58	6,1	.24	42,9	1.69
6S	5/8-18	-06	65,5	2.58	40,1	1.58	7,6	.30	43,9	1.73

SAE 45° Swivel 479601-



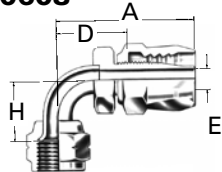
Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
479601-										
4-6S	7/16-20	-06	53,8	2.12	28,7	1.13	4,3	.17		
6S	5/8-18	-06	58,6	2.31	33,3	1.31	7,6	.30		

SAE 45° Swivel 45° Elbow 190607-



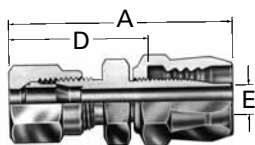
Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190607-										
4-6S	7/16-20	-06	52,3	2.06	26,9	1.06	4,6	.18	8,4	.33
6S	5/8-18	-06	55,4	2.18	30,0	1.18	7,6	.30	9,9	.39

SAE 45° Swivel 90° Elbow 190608-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190608-										
4-6S	7/16-20	-06	49,5	1.95	24,1	.95	4,6	.18	17,3	.68
6S	5/8-18	-06	52,8	2.08	27,4	1.08	7,6	.30	21,6	.85

SAE Male Flareless with Nut and Ferrule 190609-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190609-										
4-6S	7/16-20	-06	62,0	2.44	24,6	.97	5,1	.20		
6S	9/16-18	-06	63,5	2.50	24,9	.98	7,1	.28		

NOTE: For correct socket part number, see page 65.

SPECIALTY &
TRUCK HOSE

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Reusable Fittings Accessories

For use with Hose:
2550, 2554, 2570



Union

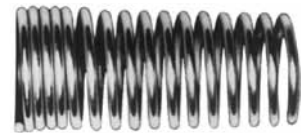
**$\frac{3}{4}$ -20 USF to $\frac{1}{4}$ -inch
male pipe thread
2038-4-8S**

**$\frac{3}{4}$ -20 USF to $\frac{3}{8}$ -inch
male pipe thread
2038-6-8S**



Gladhand

**$\frac{1}{2}$ -inch female
pipe thread
190231-8**



Spring Guard

**Fittings specified in
charts can be used
with or without
spring guard
900774-6**

Band Clamp

**Band Clamp,
Silicone Hose Clamp
FF9148-**



Dash Size	Use with FC252 Hose Dash Size	Use with FC352 Hose Dash Size
FF9148-		
12	-08, -10	-08, -10
16	-12	-12, -14
24	-16	-16, -18, -20, -22
32		-24, -26, -28
40		-32, -36, -38
48		-40, -44
52		-48
60		-56
68		-64

Band Clamp and Nipples

For use with Hose:
2661, FC619

**Band Clamp and
Nipples, Bank Clamp
FF90152-**



Dash Size	Hose
FF90152-	
01	-12
01	-16
01	-20

Reusable Fittings

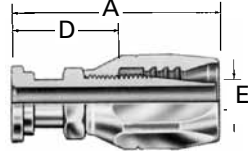
Railroad Airbrake

For use with Hose:

1531, 1531A

Straight Split Flange

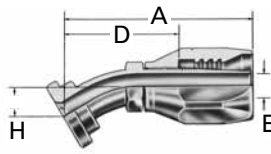
FJ4649-



Nipple Part #	Socket Part #	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
FJ4649-1216S	1219-16S	-16	78,2	3.08	43,4	1.71	20,6	.81
FJ4649-1620S	1219-20S	-20	87,9	3.46	50,0	1.97	26,7	1.05
FJ4649-2024S	1219-24S	-24	84,8	3.34	43,9	1.73	32,5	1.28

45° Elbow 2 Bolt Split Flange

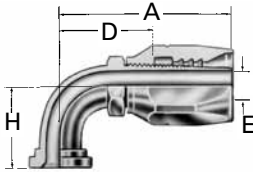
FJ4709-



Nipple Part #	Socket Part #	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ4709-1620S	1219-20S	-20	102,4	4.03	64,5	2.54	26,7	1.05	23,1	.91
FJ4709-2024S	1219-24S	-24	120,1	4.73	79,2	3.12	32,5	1.28	26,2	1.03

90° Elbow 2 Bolt Split Flange

FJ4650-

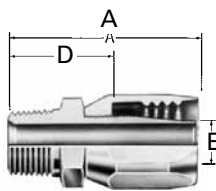


Nipple Part #	Socket Part #	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
FJ4650-1216S	1219-16S	-16	92,7	3.65	57,9	2.28	20,6	.81	52,3	2.06
FJ4650-1620S	1219-20S	-20	105,4	4.15	67,6	2.66	26,7	1.05	58,6	2.31
FJ4650-2024S	1219-24S	-24	116,8	4.60	116,8	4.60	32,5	1.28	66,8	2.63

*Contact Eaton for flange part number

Male Pipe

458-



Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
458-								
8-10S	1/2-14	-10	72,4	2.85	42,4	1.67	11,4	.45
12-12S	3/4-14	-12	74,2	2.92	42,4	1.67	14,7	.58
12-16S	3/4-14	-16	80,2	3.16	45,5	1.79	20,6	.81
16-16S	1-11 1/2	-16	85,1	3.35	50,8	1.98	20,6	.81
16-20S	1-11 1/2	-20	91,7	3.61	53,6	2.11	26,7	1.05
16-24S	1-11 1/2	-24	94,7	3.73	53,8	2.12	32,5	1.28
20-24S	1 1/4-11 1/2	-24	95,5	3.76	54,6	2.15	32,5	1.28

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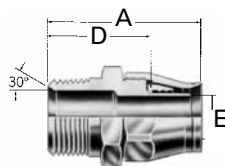
Reusable Fittings

"Super Gem"

For use with PTFE Hose:

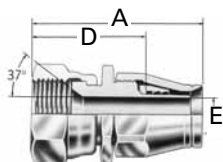
2807, FC465, S-TW

Male Pipe 38-190627-



Dash Size	Thread	Hose Size	A		D		EØ	
38-190627-			mm	in	mm	in	mm	in
2-4*	1/8-27	-04	34,3	1.35	22,6	.89	4,1	.16
4-4*	1/4-18	-04	39,1	1.54	27,4	1.08	4,1	.16
4-5*	1/4-18	-05	40,1	1.58	27,2	1.07	5,8	.23
4-6*	1/4-18	-06	42,2	1.66	28,7	1.13	7,1	.28
6-6*	3/8-18	-06	42,2	1.66	28,7	1.13	7,1	.28
6-8*	3/8-18	-08	45,5	1.79	29,5	1.16	9,7	.38
8-10*	1 1/2-14	-10	54,1	2.13	37,1	1.46	11,9	.47
12-12*	3/4-14	-12	57,4	2.26	40,9	1.61	15,0	.59
16-16*	1-11 1/2	-16	63,0	2.48	47,2	1.86	21,1	.83
20-20*	1 1/4-11 1/2	-20	71,9	2.83	55,1	2.17	26,9	1.06

SAE 37° (JIC) Swivel 63-190600-



Dash Size	Thread	Hose Size	A		D		EØ	
63-190600-			mm	in	mm	in	mm	in
3*	3/8-24	-03	35,0	1.38	26,4	1.04	2,2	.09
4*	7/16-20	-04	40,1	1.58	28,7	1.13	4,1	.16
5*	1/2-20	-05	42,7	1.68	29,7	1.17	5,8	.23
6*	9/16-18	-06	44,2	1.74	31,0	1.22	6,6	.26
8*	3/4-16	-08	50,8	1.98	34,3	1.35	9,7	.38
10*	7/8-14	-10	56,4	2.22	39,1	1.54	11,9	.47
12*	1 1/16-12	-12	59,2	2.33	42,4	1.67	15,0	.59
16*	1 5/16-12	-16	64,0	2.52	48,5	1.91	21,1	.83
20*	1 5/8-12	-20	74,2	2.92	57,7	2.27	26,9	1.06

*Also supplied in stainless steel. Add suffix "C" to part number and delete prefix "63" or "38".

NOTE: Sleeve part number 900568-(size).

Note: For correct socket part number, see page 65.

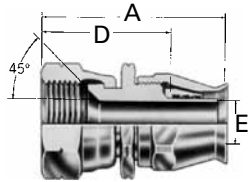
Reusable Fittings

"Super Gem"

For use with PTFE Hose:

2807, FC465, S-TW

SAE 45° Swivel 63-190990-

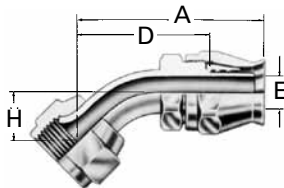


Dash Size	Thread	Hose Size	A		D		EØ	
			mm	in	mm	in	mm	in
63-190990-								
4	7/16-20	-04	40,1	1.58	28,4	1.12	4,1	.16
5	1/2-20	-05	42,7	1.68	29,7	1.17	5,8	.23
6	5/8-18	-06	45,0	1.77	31,8	1.25	7,1	.28
8	3/4-16	-08	50,8	1.98	34,5	1.36	9,7	.38
10	7/8-14	-10	56,4	2.22	39,1	1.54	11,9	.47
12	1 1/16-14	-12	59,2	2.33	42,4	1.67	15,0	.59

45° Elbow

Universal 190773-

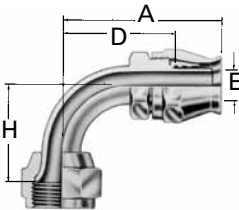
SAE 45° Swivel FC9341-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190773-										
3S	3/8-24	-03	38,1	1.50	29,7	1.17	2,3	.09	11,7	.46
4S	7/16-20	-04	38,4	1.51	26,7	1.05	4,1	.16	8,4	.33
5S	1/2-20	-05	41,1	1.62	28,2	1.11	5,8	.23	9,1	.36
6S†	9/16-18	-06	43,7	1.72	30,5	1.20	7,1	.28	9,9	.39
8S	3/4-16	-08	57,7	2.27	41,7	1.64	9,7	.38	14,0	.55
10S	7/8-14	-10	62,5	2.46	45,5	1.79	11,9	.47	16,3	.64
12S†	1 1/16-12	-12	72,6	2.86	56,1	2.21	15,0	.59	19,8	.78
16S†	1 5/16-12	-16	83,8	3.30	68,1	2.68	21,1	.83	27,2	1.07
20S	1 5/8-12	-20	96,5	3.80	79,8	3.14	26,9	1.06	31,0	1.22
FC9341-										
0606S	5/8-18	-06	43,7	1.72	30,5	1.20	7,1	.28	9,9	.39
1212S	1 1/16-14	-12	72,6	2.86	56,1	2.21	15,0	.59	19,8	.78

Universal 190772-

SAE 45° Swivel FC9171-



Dash Size	Thread	Hose Size	A		D		EØ		H	
			mm	in	mm	in	mm	in	mm	in
190772-										
3S	3/8-24	-03	32,3	1.27	23,6	.93	2,3	.09	22,1	.87
4S	7/16-20	-04	35,8	1.41	24,1	.95	4,1	.16	17,3	.68
5S	1/2-20	-05	38,6	1.52	25,4	1.00	5,8	.23	19,6	.77
6S†	9/16-18	-06	41,1	1.62	27,9	1.10	7,1	.28	21,6	.85
8S	3/4-16	-08	51,6	2.03	35,8	1.41	9,7	.38	27,7	1.09
10S	7/8-14	-10	54,9	2.16	37,8	1.49	11,9	.47	31,2	1.23
10-12S	7/8-14	-12	56,6	2.23	39,9	1.57	11,7	.46	31,2	1.23
12S†	1 1/16-12	-12	71,6	2.82	55,1	2.17	15,0	.59	46,2	1.82
12-16S†	1 1/16-14	-16	72,9	2.87	56,4	2.22	14,7	.58	46,2	1.82
16S†	1 5/16-12	-16	78,7	3.10	63,2	2.49	20,8	.82	60,7	2.39
FC9171-										
0606S	5/8-18	-06	41,1	1.62	27,9	1.10	7,1	.28	21,6	.85
1212S	1 1/16-14	-12	71,1	2.80	55,6	2.19	15,0	.59	46,2	1.82

†SAE 37° (JIC) swivel only

Universal type identification for both SAE 45° and 37° connections.

NOTE: Sleeve part number 900568-(size).

Note: For correct socket part number, see page 65.

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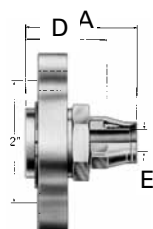
Reusable Fittings

"Super Gem"

For use with PTFE Hose:

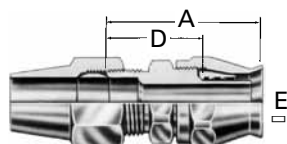
2807, FC465, S-TW

2-Bolt Swivel Flange 63-190626-



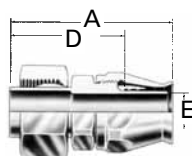
Dash Size	Flange Head Dia.		Hose Size	A		D	EØ	
63-190626-	mm	in		mm	in	mm	in	
6	73,2	2.88	-06	45,2	1.78	32,0	1.26	7,1 .28
12	73,2	2.88	-12	52,6	2.07	36,1	1.42	14,2 .56
16	73,2	2.88	-16	55,4	2.18	37,8	1.49	4,8 .19

Compression Ball Sleeve 38-191074-



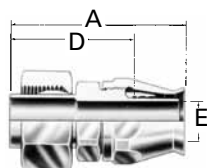
Dash Size	Tube Size	Hose Size	A		D	EØ	
38-191074-			mm	in	mm	in	mm in
8	-08	-08	42,2	1.66	26,4	1.04	9,7 .38
10	-10	-10	47,0	1.85	30,0	1.18	11,9 .47
12	-12	-12	52,8	2.08	35,8	1.41	15,0 .59

SAE Ball Sleeve* 190718-



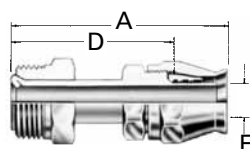
Dash Size	Thread Size	Hose Size	A		D	EØ	
190718-			mm	in	mm	in	mm in
8S	¹¹ / ₁₆ -20	-08	52,6	2.07	36,6	1.44	9,7 .38
10-8S	¹³ / ₁₆ -18	-08	52,6	2.07	36,6	1.44	9,7 .38
10S	¹³ / ₁₆ -18	-10	54,9	2.16	37,8	1.49	12,2 .48
12S	1-18	-12	61,5	2.42	44,7	1.76	15,0 .59

Special Ball Sleeve* 190742-



Dash Size	Thread Size	Hose Size	A		D	EØ	
190742-			mm	in	mm	in	mm in
10S	⁷ / ₈ -18	-10	54,9	2.16	37,8	1.49	12,2 .48

SAE Male Inverted Flare Straight FC9062-



Dash Size	Thread Size	Hose Size	A		D	EØ	
FC9062-			mm	in	mm	in	mm in
0404S	⁷ / ₁₆ -24	-04	54,1	2.13	42,2	1.66	4,1 .16
0505S	¹ / ₂ -20	-05	55,1	2.17	42,2	1.66	5,8 .23
0506S	¹ / ₂ -20	-06	56,1	2.21	42,9	1.69	5,3 .21
0606S	⁵ / ₈ -18	-06	56,1	2.21	42,9	1.69	7,1 .28
0808S	³ / ₄ -18	-08	62,7	2.47	46,7	1.84	9,7 .38
1010S	⁷ / ₈ -18	-10	70,6	2.78	53,6	2.11	11,9 .47
1212S	¹ / ₁₆ -16	-12	76,7	3.02	60,2	2.37	15,0 .59

NOTE: For correct socket part number, see page 65

*Some B-W compressor adapters require special mating nuts. For ¹³/₁₆"-18 thread size for ¹/₂" O.D. tubing, use fitting 190718-10-8S with 2807-8 Hose.

For special thread size ⁷/₈"-18, use fitting 190742-10S with 2807-10 Hose.

NOTE: Sleeve part number is 900568-(size)

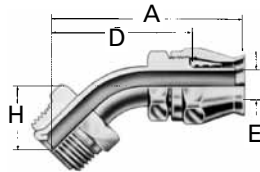
Reusable Fittings

"Super Gem"

For use with PTFE Hose:

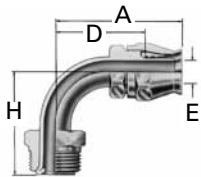
2807, FC465, S-TW

SAE Male Inverted Flare 45° Elbow FC9063-



Dash Size	Thread	Hose Size	A		D		EØ		H	
FC9063-			mm	in	mm	in	mm	in	mm	in
0505S	1/2-20	-05	62,5	2.46	49,3	1.94	5,8	.23	24,4	.96
0506S	1/2-20	-06	63,5	2.50	50,0	1.97	5,3	.21	24,4	.96
0606S	5/8-18	-06	63,5	2.50	50,0	1.97	7,1	.28	24,4	.96
0808S	3/4-18	-08	67,6	2.66	51,8	2.04	9,7	.38	23,6	.93
1010S	7/8-18	-10	75,2	2.96	58,2	2.29	11,9	.47	26,2	1.03
1212S	1 1/16-16	-12	78,7	3.10	62,0	2.44	15,0	.59	27,9	1.10

SAE Male Inverted Flare 90° Elbow 190950-



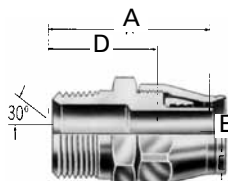
Dash Size	Thread	Hose Size	A		D		EØ		H	
190950-			mm	in	mm	in	mm	in	mm	in
4S	7/16-24	-04	51,8	2.04	39,9	1.57	4,1	.16	42,9	1.69
5S	1/2-20	-05	52,8	2.08	39,9	1.57	5,8	.23	42,9	1.69
5-6S	1/2-20	-06	53,8	2.12	40,6	1.60	5,3	.21	42,9	1.69
6S	5/8-18	-06	53,8	2.12	40,6	1.60	7,1	.28	43,9	1.73
8S	3/4-18	-08	58,9	2.32	42,9	1.69	9,7	.38	44,2	1.74
10S	7/8-18	-10	67,6	2.66	50,5	1.99	11,9	.47	56,1	2.21
12S	1 1/16-16	-12	69,3	2.73	52,6	2.07	15,0	.59	59,7	2.35

Note: Sleeve part number is 900568-(size).

For use with PTFE Hose:

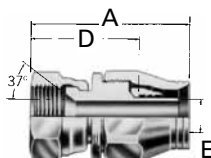
2808

Male Pipe 38-190628-



Dash Size	Thread	Hose Size	A		D		EØ	
38-190628-			mm	in	mm	in	mm	in
6-8	3/8-18	-08	48,5	1.91	33,5	1.32	8,9	.35
8-10	1/2-14	-10	53,8	2.12	39,4	1.55	11,2	.44
12-12	3/4-14	-12	60,9	2.40	41,4	1.63	14,2	.56
16-16	1-11 1/2	-16	66,8	2.63	47,2	1.86	21,1	.83
20-20	1 1/4-11 1/2	-20	77,5	3.05	53,1	2.09	26,9	1.06
24-24	1 1/2-11 1/2	-24	80,2	3.16	55,9	2.20	32,5	1.28

SAE 37° (JIC) Swivel 63-190535-



Dash Size	Thread	Hose Size	A		D		EØ	
63-190535-			mm	in	mm	in	mm	in
8	3/4-16	-08	52,6	2.07	37,6	1.48	8,9	.35
10	7/8-14	-10	56,4	2.22	41,7	1.64	11,2	.44
12	1 1/16-12	-12	62,5	2.46	43,8	1.70	14,2	.56
16	1 5/16-12	-16	67,6	2.66	48,3	1.90	21,1	.83
20	1 5/8-12	-20	79,8	3.14	55,6	2.19	26,9	1.06
24	1 7/8-12	-24	85,9	3.38	61,5	2.42	32,5	1.28

Note: Sleeve part number is 900515-(size)

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