

SECTION B | **Hydraulic Fittings**

Series HW Crimp Fittings

Series KW Crimp Fittings

Series PW Crimp Fittings

Series RW Crimp Fittings

Series R5 Reusable Fittings

Series SB Crimp Fittings

Series SH Crimp Fittings

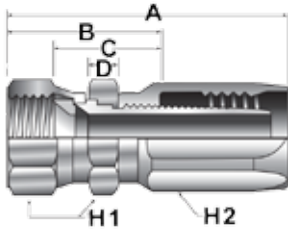
Series SW Crimp Fittings

Series TC/TS Crimp Fittings

Unisource “R5” series fittings are field attachable (reusable) style fittings, which enable you to quickly and easily make hose assemblies right on the job site without special tools or crimping machines. Compatible with 100R5 specifications.

R5 CRIMP FITTINGS

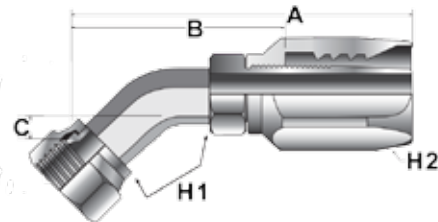
(REUSABLE FITTINGS FOR HOSE SERIES 3500/3500AT SAE 100R5)



STYLE FJ-R5

JIC Female Swivel
37° Flare

Part No.	Thread Size	Hose ID (Ins)	Dimensions											
			A		B		C		D		H1		H2	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4FJ-4R5	7/16-20	3/16	1.94	49.3	1.19	30.2	.831	21.1	.190	4.8	.563	14.3	.626	15.9
5FJ-5R5	1/2-20	1/4	2.08	52.8	1.30	33.0	.941	23.9	.190	4.8	.630	15.9	.690	17.5
6FJ-6R5	9/16-18	5/16	2.31	58.7	1.41	35.8	1.02	25.9	.230	5.8	.690	17.5	.810	20.6
8FJ-8R5	3/4-16	13/32	2.84	72.1	1.58	40.1	1.14	29.0	.280	7.1	.875	22.2	.940	23.8
10FJ-10R5	7/8-14	1/2	3.06	77.7	1.67	42.4	1.17	29.7	.310	7.9	1.00	25.4	1.13	28.6
12FJ-12R5	1-1/16-12	5/8	3.50	88.9	1.92	48.8	1.34	34.0	.380	9.7	1.25	31.8	1.25	31.8
16FJ-16R5	1-5/16-12	7/8	3.19	81.0	1.92	48.8	1.30	33.0	.380	9.7	1.50	38.1	1.44	36.5
20FJ-20R5	1-5/8-12	1-1/8	3.38	85.9	2.03	51.6	1.38	35.1	.410	10.4	2.00	50.8	1.75	44.5



STYLE FJ45T-R5

JIC Female Swivel
37° Flare
45° Bent Tube

Part No.	Thread Size	Hose ID (Ins)	Dimensions											
			A		B		C		D		H1		H2	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4FJ45T-4R5	7/16-20	3/16	1.84	46.7	1.10	27.9	.330	8.4	.563	14.3	.563	14.3	.626	15.9
6FJ45T-6R5	9/16-18	5/16	2.23	56.6	1.33	33.8	.390	9.9	.690	17.5	.563	14.3	.810	20.6
8FJ45T-8R5	3/4-16	13/32	2.98	75.7	1.84	46.7	.551	14.0	.875	22.2	.690	17.5	.940	23.8
10FJ45T-10R5	7/8-14	1/2	3.23	82.0	1.64	41.7	.630	16.0	1.00	25.4	.875	22.2	1.13	28.6
12FJ45T-12R5	1-1/16-12	5/8	3.78	96.0	2.22	56.4	.772	19.6	1.25	31.8	1.13	28.6	1.25	31.8

Hydraulic Hose

A

Hydraulic Fittings

B

Support Products & Crimping Equipment

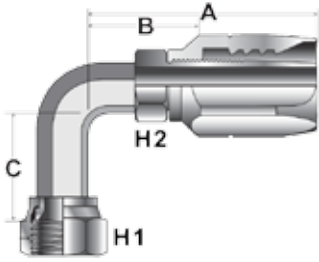
C

Technical Information & Guidelines

D

R5 CRIMP FITTINGS

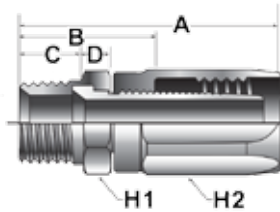
(REUSABLE FITTINGS FOR HOSE SERIES 3500/3500AT SAE 100R5)



STYLE FJ90T-R5

JIC Female Swivel
37° Flare
90° Bent Tube

Part No.	Thread Size	Hose ID (Ins)	Dimensions											
			A		B		C		D		H1		H2	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4FJ90T-4R5	7/16-20	3/16	1.75	44.5	1.00	25.4	.690	17.5	.563	14.3	.563	14.3	.626	15.9
6FJ90T-6R5	9/16-18	5/16	2.13	54.1	1.23	31.2	.839	21.3	.690	17.5	.690	17.5	.811	20.6
8FJ90T-8R5	3/4-16	13/32	2.75	69.9	1.61	40.9	1.09	27.7	.875	22.2	.875	22.2	.940	23.8
10FJ90T-10R5	7/8-14	1/2	2.94	74.7	1.66	42.2	1.23	31.2	1.00	25.4	1.00	25.4	1.13	28.6
12FJ90T-12R5	1-1/16-12	5/8	3.75	95.3	2.17	55.1	1.81	46.0	1.25	31.8	1.25	31.8	1.25	31.8



STYLE MP-R5

Rigid Male Pipe
NPTF
(Non-Mandrel Style)

Part No.	Thread Size	Hose ID (Ins)	Dimensions											
			A		B		C		D		H1		H2	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4MP-4R5	1/4-18	3/16	1.86	47.2	1.11	28.2	.559	14.2	.190	4.8	.559	14.2	.630	16.0
4MP-5R5	1/4-18	1/4	1.97	50.0	1.19	30.2	.559	14.2	.190	4.8	.559	14.2	.690	17.5
6MP-6R5	3/8-18	5/16	2.20	55.9	1.27	32.2	.559	14.2	.250	6.4	.690	17.5	.811	20.6
8MP-8R5	1/2-14	13/32	2.72	69.1	1.56	39.6	.750	19.1	.310	7.9	.880	22.3	.940	23.9
8MP-10R5	1/2-14	1/2	2.86	72.6	1.59	40.4	.750	19.1	.280	7.1	.880	22.3	1.13	28.7
12MP-12R5	3/4-14	5/8	3.20	81.3	1.67	42.4	.750	19.1	.340	8.6	1.13	28.7	1.25	31.8
16MP-16R5	1-11-1/2	7/8	2.98	75.7	1.72	43.7	.940	23.9	.390	9.9	1.38	35.1	1.44	36.6