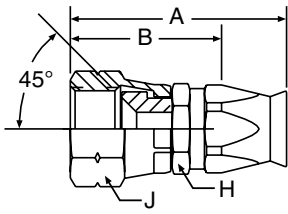


20890 SAE 45° Swivel

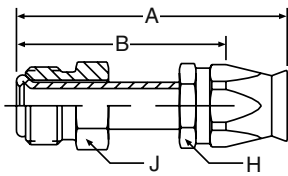


90 Series Field Attachable

*Part Number	B	C	NPTF Thread Size	Hose Size	Tube Size	A		Cutoff Allow. B		H Hex	J Hex
#											
Hose Fitting				inch	inch	inch	mm	inch	mm	inch	inch
20890-6-6	+	+	5/8-18	-6	3/8	1.77	45	1-5/16	33	11/16	3/4
20890-12-12	+	+	1-1/16-14	-12	1-11/16	2.34	59	1-11/16	43	1-1/4	1-1/4

* Brass nipple and ferrule, steel nut and socket.
 B - Brass nipple, brass nut, shell.
 C - All components 303 stainless steel.

22890 SAE Male Inverted Swivel-Straight

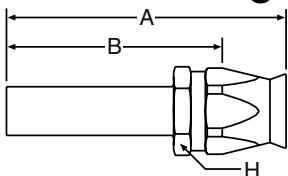


90 Series Field Attachable

*Part Number	B	C	NPTF Thread Size	Hose Size	Tube Size	A		Cutoff Allow. B		H Hex	J Hex
#											
Hose Fitting				inch	inch	inch	mm	inch	mm	inch	inch
22890-4-4	+	+	7/16-24	-4	1/4	2.15	55	1-5/8	41	9/16	7/16
22890-5-5	+	+	1/2-20	-5	5/16	2.21	56	1-11/16	43	5/8	1/2
22890-5-6	+	+	1/2-20	-6	5/16	2.20	56	1-11/16	43	11/16	1/2
22890-6-6	+	+	5/8-18	-6	3/8	2.22	56	1-3/4	44	11/16	5/8
22890-8-8	+	+	3/4-18	-8	1/2	2.34	59	1-3/4	44	7/8	3/4
22890-10-10	+	+	7/8-18	-10	5/8	2.77	70	2-1/8	54	15/16	7/8
22890-12-12	+	+	1-1/16-16	-12	3/4	3.01	76	2-3/8	60	1-1/8	1-1/16

* Brass ferrule, steel tube, nut and socket.
 B - Brass nipple, brass shell.
 C - All components 303 stainless steel.

23490 Straight Tube



90 Series Field Attachable

*Part Number	B	C	Hose Size	Tube Size	A		Cutoff Allow. B		H Hex
#									
Hose Fitting			inch	inch	inch	mm	inch	mm	inch
23490-8-8	+	+	-8	1/2	3.06	78	2-7/16	62	13/16
23490-8-10	+	+	-10	1/2	3.18	81	2-1/2	64	1
23490-10-8	+	+	-8	5/8	3.26	83	2-11/16	69	13/16
23490-10-10	+	+	-10	5/8	3.32	84	2-5/8	67	1
23490-12-12	+	+	-12	3/4	3.74	95	3-1/16	78	1-1/8

* Brass nipple and ferrule, steel socket.
 B - Brass nipple, brass shell.
 C - All components 303 stainless steel.
 26T90 fitting includes 23490 with the 60HAB sleeve and 61HAB nut.

[+] Non Standard. See page ii for information on non-standard products.

Hydraulic & Pneumatic Hose & Fit.

PTFE Hose & Fittings

Thermoplastic Tubing

Coiled Air Hose, Fittings & Accessories

Truck (Fleet) Products

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Hose Accessories

Technical & Design Information

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