



90° MALE ELBOW

316L STAINLESS COMPRESSION TUBE FITTING

KEY BENEFITS

- 316L stainless steel · single-ferrule design
- Tube OD × male NPT · 90° elbow
- Tube OD 1/4" through 3/4"



SINGLE-FERRULE 90° MALE ELBOW CONNECTOR

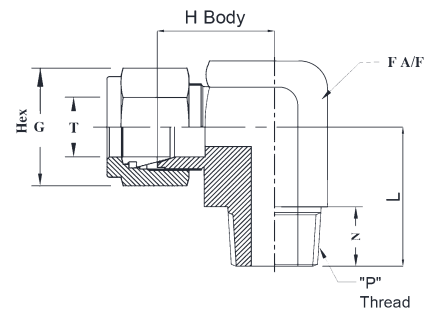
OVERVIEW

The Apache 90° Male Elbow Connector is a 316L stainless single-ferrule compression tube fitting that turns instrument tubing 90° into a male NPT port. The single-ferrule design makes up quickly for a reliable, leak-tight seal in instrumentation and process service. Available in tube ODs from 1/4" through 3/4"; double-ferrule (DF90MEC) versions share identical dimensions.

DIMENSIONAL DATA

PART NO.	T · TUBE OD	P · MALE NPT	N	L	H	G	F
SF90MEC-4-2	1/4" (6.35)	1/8"	10	22.5	22.5	14	15
SF90MEC-4-4	1/4" (6.35)	1/4"	14	27.5	22.5	14	15
SF90MEC-4-6	1/4" (6.35)	3/8"	14	27.5	27	14	20.5
SF90MEC-4-8	1/4" (6.35)	1/2"	19	33	23	14	22
SF90MEC-6-2	3/8" (9.52)	1/8"	14	22	24	17	17.5
SF90MEC-6-4	3/8" (9.52)	1/4"	14	27.5	24	17	17.5
SF90MEC-6-6	3/8" (9.52)	3/8"	14	27.5	26	17	20.5
SF90MEC-6-8	3/8" (9.52)	1/2"	19	33	26	17	22
SF90MEC-8-4	1/2" (12.7)	1/4"	14	26	27	22	20.5
SF90MEC-8-6	1/2" (12.7)	3/8"	14	32	27	22	20.5
SF90MEC-8-8	1/2" (12.7)	1/2"	19	32	27	22	22.5
SF90MEC-8-12	1/2" (12.7)	3/4"	19	42	31	22	27.5

Dimensions in millimeters unless otherwise specified; for reference only, subject to change. T = tube OD (mm in parentheses) · P = male NPT · N, L, H per the drawing · G, F = hex across-the-flats. Double-ferrule elbows (DF90MEC) share these dimensions – substitute the "DF" prefix for the "SF" part-number prefix.



STANDARDS & OPTIONS

Specification	Instrumentation compression tube fitting
Material	316L stainless steel
Ferrule	Single ferrule · double-ferrule available
End Connections	Tube × male NPT · 90° elbow
Tube OD	1/4" – 3/4"
Thread	Tapered male NPT

MATERIALS / CONSTRUCTION

#	COMPONENT	MATERIAL
1	Body	316L stainless steel
2	Ferrule	316L stainless steel
3	Nut	316L stainless steel

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