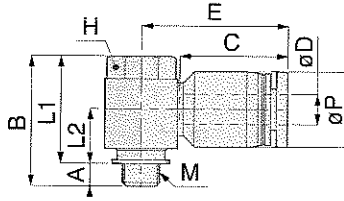


# Tube Fitting

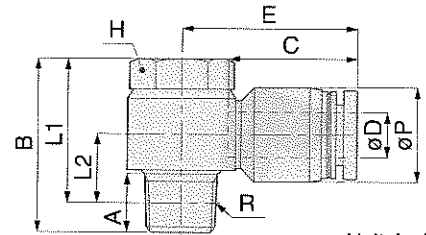
## PH Universal Elbow



Appearance Dimension  
for Metric thread



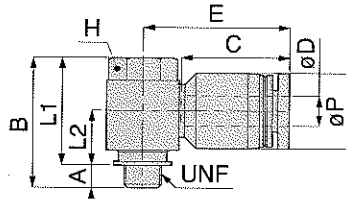
Appearance Dimension  
for Taper pipe thread (PT)



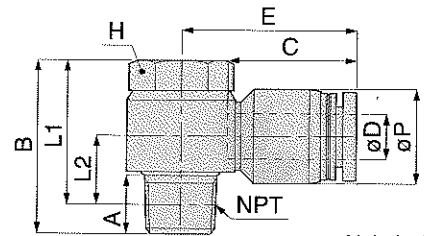
Unit: inch

Model	ØD (Tube dia.)	M/R	A	B	L1	L2	E	C	øP	H (Hex.)	Weight (OZ)	Orifice dia. (mm)	Eff. sect. Area (mm <sup>2</sup> )	Cv
PH4-M5T	4	M5×0.8	0.12	0.67	0.55	0.28	0.78	0.59	0.39	0.31	0.26	2.4	2.6	0.14
PH4-01T		R1/8	0.31	0.97	0.81	0.42	0.84				0.47	0.63	2.8	4.1
PH6-01T	6	R1/8	0.31	0.97	0.81	0.43	0.92	0.67	0.49	0.47	0.65	4.3	7.1	0.38
PH6-02T		R1/4	0.43	1.13	0.89	0.48	1.00				0.55	1.00	6.2	8.6
PH8-01T	8	R1/8	0.31	0.97	0.81	0.47	1.06	0.72	0.57	0.47	0.71	6	9.9	0.54
PH8-02T		R1/4	0.43	1.13	0.89	0.52	1.12				0.55	1.05	7	10.7
PH10-02T	10	R1/4	0.43	1.13	0.89	0.58	1.22	0.80	0.69	0.55	1.16	7.3	10.2	0.55
PH10-03T		R3/8	0.47	1.36	1.11	0.61	1.23				0.75	2.15	9	20.3
PH12-03T	12	R3/8	0.47	1.36	1.11	0.68	1.45	0.92	0.83	0.75	2.29	9	20.3	1.10
PH12-04T		R1/2	0.59	1.62	1.30	0.74	1.43							

Appearance Dimension  
for Unified thread



Appearance Dimension  
for Pipe thread general purpose (NPT)



Unit: inch

Model	ØD (Tube dia.)	UNF/NPT	A	B	L1	L2	E	C	øP	H (Hex.)	Weight (OZ)	Orifice dia. (mm)	Eff. sect. Area (mm <sup>2</sup> )	Cv
PH5/32-U10UT	5/32	No. 10-32UNF	0.12	0.67	0.55	0.28	0.78	0.59	0.39	5/16	0.26	2.4	2.6	0.14
PH5/32-N1UT		NPT1/8	0.31	0.97	0.81	0.42	0.84				7/16	0.63	2.8	4.1
PH1/4-N1UT	1/4	NPT1/8	0.31	0.97	0.81	0.43	0.92	0.67	0.49	7/16	0.65	4.3	7.1	0.38
PH1/4-N2UT		NPT1/4	0.43	1.13	0.90	0.48	1.00				9/16	1.00	6.2	8.6
PH5/16-N1UT	5/16	NPT1/8	0.31	0.97	0.81	0.46	1.06	0.72	0.57	7/16	0.71	6	9.9	0.54
PH5/16-N2UT		NPT1/4	0.43	1.13	0.90	0.52	1.12				9/16	1.05	7	10.7
PH3/8-N2UT	3/8	NPT1/4	0.43	1.13	0.90	0.59	1.22	0.80	0.69	9/16	1.16	7.3	10.2	0.55
PH3/8-N3UT		NPT3/8	0.47	1.36	1.12	0.62	1.23				3/4	2.15	9	20.3
PH1/2-N3UT	1/2	NPT3/8	0.47	1.36	1.12	0.68	1.45	0.92	0.83	3/4	2.29	9	20.3	1.10
PH1/2-N4UT		NPT1/2	0.59	1.62	1.30	0.74	1.43				1			