



Connect and Protect

TransTechnical Solutions

Technical Data Sheet

Metallic Systems

Type 90° Brass Elbow

Technical Characteristics

Conforms to	BSI Kitemark KM-35161 Low voltage directive
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Approvals and Standards



Degree of mechanical protection	Very High
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Degree of protection	IP 40 - Type TSs A & B fittings IP 54 - Type TSP A & B fittings IP66 - Type TSP M fittings IP67 - Type TSPL A, B & M fittings
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UV protection	Very High
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Fitting Characteristics	90° combined fitting & elbow
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Normal operating temperature range	Application	Min Temp	Max Temp
	Static	- 65°C	+150°C
	Dynamic	- 45°C	+150°C

For use with - Conduit Series	All Adaptaflex Metallic conduit fittings
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Fire performance	Test Standard	Performance Rating
	Not Rated	Not Rated

Chemical resistance & Storage data	See page 4
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Type of material	Nickel Plated Brass
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Image



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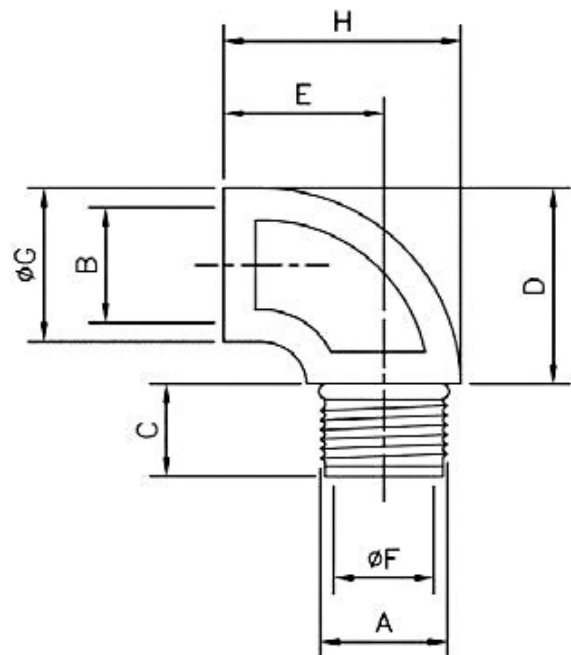
Non-Metallic Systems

Dimensional and Thread Data - M Thread

Part No	Thread A	Thread B	Nominal Dimensions (mm)					
			C	D	E	F	G	H
TB/M16/90	M16 x 1.5	M20 x 1.5	11	27	23	10.6	21	33.5
TB/M20/90	M20 x 1.5	M20 x 1.5	13	30	26	14.3	24	39
TB/M25/90	M25 x 1.5	M25 x 1.5	15	36	27	17.6	30	42
TB/M32/90	M32 x 1.5	M32 x 1.5	17	42	33	24.6	38	53

Thread Data

Metric	Standard thread conforming to EN60423 & BS3643		
Thread Size mm	Ext Thread Outside Diameter	Int Thread Inside Diameter	Pitch
M10	10	8.9	1
M12	12	10.4	1.5
M16	16	14.4	1.5
M20	20	18.4	1.5
M25	25	23.4	1.5
M32	32	30.4	1.5
M40	40	38.4	1.5
M50	50	48.4	1.5
M63	63	61.4	1.5
M75	75	73.4	1.5



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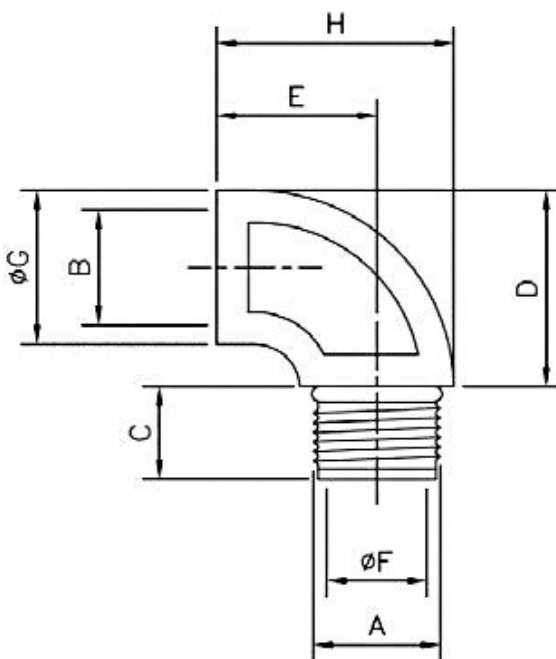
Type C90—Elbow Connector

Dimensional and Thread Data - PG Threads (On Request)

Part No	Thread A	Thread B	Nominal Dimensions (mm)					
			C	D	E	F	G	H
TB/PG9/90	PG9	M16 x 1.5	11	27	23	8.1	21	33.5
TB/PG11/90	PG11	M16 x 1.5	11	27	23	10.6	21	33.5
TB/PG13/90	PG13.5	M20 x 1.5	13	30	26	14.3	24	39
TB/PG16/90	PG16	M20 x 1.5	15	30	26	14.3	24	39
TB/PG21/90	PG21	M25 x 1.5	15	36	27	14.3	30	42

Thread Data

PG	German Standard thread conforming to DIN40430		
Thread Size	Ext Thread Outside Diameter	Int Thread Inside Diameter	Pitch
PG7	12.5	11.3	1.27
PG9	15.2	13.9	1.41
PG11	18.6	17.3	1.41
PG13.5	20.4	19.1	1.41
PG16	22.5	21.2	1.41
PG21	28.3	26.8	1.59
PG29	37	35.5	1.59
PG36	47	45.5	1.59
PG42	54	52.2	1.59
PG48	59.3	57.8	1.59



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