

Metallic Systems

S Fitting Type C

Technical Characteristics

Conforms to	BSI Kitemark KM-35161 Low voltage directive Inherent Low Fire Hazard		
Approvals and Standards	 		
Degree of mechanical protection	High		
Degree of protection	IP40 - with all Inherent Low Fire Hazard conduit in the series		
UV protection	Very High		
Fitting characteristics	Smooth entry bush		
Application	For locking conduit into plain holes in enclosures		
Normal operating temperature range	Application	Min Temp	Max Temp
	Static	- 50°C	+350°C
	Dynamic	- 45°C	+250°C
For use with - Conduit Series	Type S and SS		
Fire performance	Test Standard	Performance Rating	
	EN45545	ILFH	
	NFF16-101	ILFH	
	LUL-1085	ILFH	
	BS6855	ILFH	
	DIN 5510-2	ILFH	
Testing data	Click or See page 3		
Type of material	Nickel Plated Brass		





Image

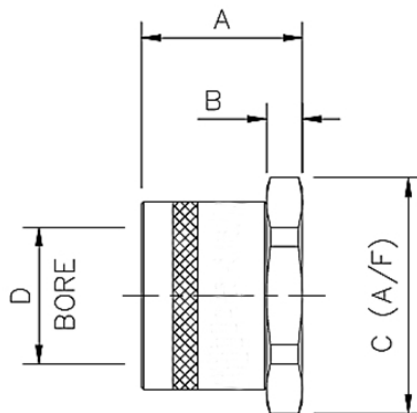


Metallic Systems

S Fitting Type C

Dimensional Data

Part No	To Suit Conduit	Nominal Dimensions (mm)			
		A	B	C	D
TS10/9/C	S10	15.5	3.5	14.0	5.5
TS12/12/C	S12	15.5	3.5	17.0	8.5
TS16/16/C	S16	15.5	3.5	20.0	11.5
TS20/20/C	S20	15.5	4.0	24.0	15.3
TS25/25/C	S25	22.0	4.0	28.0	19.0
TS32/32/C	S32	25.0	5.0	38.0	26.2
TS40/40/C	S40	27.5	5.5	54.0	34.2
TS50/51/C	S50	28.0	6.0	60.0	45.0
TS63/61/C	S63	31.0	7.0	76.0	54.0
TS75/75/C	S75	36.0	6.0	84.0	66.5



Metallic Systems

S Fitting Type C

Chemical Resistance Chart

Key:

Suitable :



Limited Suitability :



Unsuitable :



Not Tested :



Astm No.1	Diesel oil	Methyl Bromide	Sulphur Dioxide (Gas)
Astm No.2	Diethylamine	MEK	Sulphuric Acid (10%)
Astm No.3	Ethanol	Nitric Acid (10%)	Sulphuric Acid (70%)
Acetic Acid (10%)	Ether	Nitric Acid (70%)	Toluene
Acetone	Ethylamine	Oxalic Acid	Transformer Oil
Aluminium Chloride	Ethylene Glycol	Ozone (Gas)	1,1,1-Trichloroethane
Aniline	Ethyl Ethanoate	Paraffin oil	Trichloroethylene
Benzaldehyde	Freon 32	Petrol	Turpentine
Benzene	Hydrochloric Acid (10%)	Phenol	Vegetable Oil
Carbon tetrachloride	Hydrochloric Acid (36%)	Sea Water	Vinyl Acetate
Chlorine water	Hydrogen Peroxide (35%)	Silver Nitrate	Water
Chloroform	Hydrogen Peroxide (87%)	Skydrol	White Spirit
Citric Acid	Lactic Acid	Sodium Chloride	Zinc Chloride
Copper Sulphate	Lubricating oil	Sodium Hydroxide (10%)	
Cresol	Methanol	Sodium Hydroxide (60%)	

The information above is given as a guide only and is based on published technical data and experience. The chemical resistance of the above products is dependant on factors such as chemical exposure, concentration of the chemical and temperature. The above chemicals are valid for a temperature of 23°C. Use of the above table is at the users own discretion and risk. Those using it must satisfy themselves that their application presents no health and safety risks. The end user should assess compatibility with their application.

ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 OR NEC WIRING REGULATIONS (FOR USA) IS STRONGLY ADVISED.
MINIMUM BEND RADIUS FOR FLEXING IS DEPENDANT UPON MINIMUM TEMPERATURE, BENDING FREQUENCY AND CHEMICAL ENVIRONMENT.