



Connect and Protect

TransTechnical Solutions

Technical Data Sheet

Metallic Systems

TSP Fitting Type C

Conforms to	BSI Kitemark KM-35161 Low voltage directive Inherent Low Fire Hazard		
Approvals and Standards			
Degree of mechanical protection	High		
Degree of protection	IP54 - with all liquid resistant 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 TSP & TSN AND TLFH-SP		
Fire performance	Test Standard	Performance Rating	
	EN45545	ILFH	
	NFF16-101	ILFH	
	LUL-1085	ILFH	
	BS6855	ILFH	
	DIN 5510-2	ILFH	
Testing data	See page 3		
Type of material	Nickel Plated Brass		

Image



011 974 9671

sales@ttsafrica.com

Unit F11, Roete 24, 50 Herman Street, Meadowdale, Germiston, South Africa



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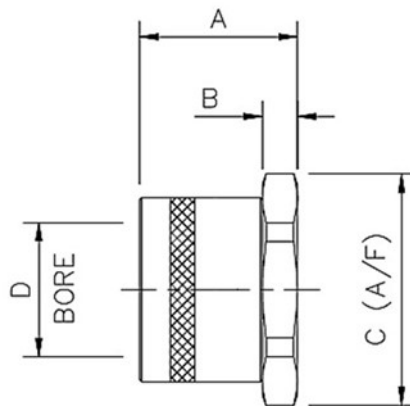
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Dimensional Data

Part No	To Suit Conduit	Nominal Dimensions (mm)			
		A	B	C	D
TSP10/10/C	TSP10	15.5	3.5	14	5.5
TSP12/12/C	TSP12	15.5	3.5	17	8.5
TSP16/16/C	TSP16	15.5	3.5	20	11.5
TSP20/20/C	TSP20	15.5	4.0	24	15.3
TSP25/25/C	TSP25	22.0	4.0	28	19.0
TSP32/32/C	TSP32	25.0	5.0	38	26.2
TSP40/40/C	TSP40	27.5	5.5	54	34.2
TSP50/50/C	TSP50	28.0	6.0	60	45.0
TSP63/60/C	TSP63	31.0	7.0	76	54.0
TSP75/75/C	TSP75	36.0	6.0	84	66.5



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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%)	

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