

Technical Data Sheet

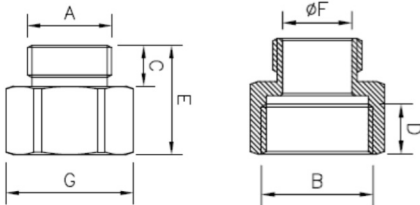
Metallic Systems Accessories - Enlargers



Thread enlargers, which have the ability to enlarge thread sizes

Features

- Maintains IP Rating of system when used with correct sealing washers
- Degree of mechanical protection is high
- UV protection is high



Conformity

Metric Threads
EN60423 & BS 3643
PG Threads DIN 40430

Approvals

N/A

Fire Performance

Test Standard	Performance Rating
Not Rated	Not Rated

Degree of Mechanical Protection

High

IP Rating Appropriate Fitting

For use with: see below
Maintains IP rating of system when used with correct sealing washers

UV Protection

Very High

Temperature Range

Static Application: -50°C to +300°C
Dynamic Application: -45°C to +250°C

For Use With - Fittings

All threaded fittings in the Adaptaflex range

Type of Material

Nikel Plated Brass

Finish

N/A

Testing Data

N/A

Fitting Characteristics

Thread enlarger

Part No	Thread A	Thread B	Nominal Dimensions (mm)				
			C	D	E	F	G
TB/M16-M20/E	M16 x 1.5	M20 x 1.5	9.0	12.0	26.0	12.0	22.0
TB/M20-M25/E	M20 x 1.5	M25 x 1.5	9.5	11.0	25.5	15.5	27.0
TB/M25-M32/E	M25 x 1.5	M32 x 1.5	9.5	12.0	24.5	19.1	34.0
TB/PG9-PG11/E	PG9	PG11	8.0	7.5	18.0	12.0	20.0
TB/PG9-PG13/E	PG9	PG13.5	6.0	12.0	20.0	12.0	22.0
TB/PG11-PG13/E	PG11	PG13.5	7.0	12.0	20.0	15.0	22.0
TB/PG11-PG16/E	PG11	PG16	6.0	12.0	19.0	15.0	ø24.0
TB/PG13-PG21/E	PG13.5	PG21	6.5	11.0	21.0	16.8	30.0
TB/PG16-PG21/E	PG16	PG21	6.5	11.0	21.0	18.5	30.0
TB/PG21-PG29/E	PG21	PG29	7.0	12.5	23.0	24.0	42.0
TB/PG29-PG36/E	PG29	PG36	8.0	15.0	27.54	32.0	50.0
TB/PG36-PG48/E	PG36	PG48	12.0	12.5	27.0	42.0	ø63.5

Trans Technical Solutions

Tel: +27 11 974 9679
Fax: +27 11 974 9653
Email: sales@ttsafrica.com

P O Box 5094
Delmenville
1403

Unit F11, Roete 24
Meadowdale
Germiston



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Chemical Resistance Chart

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%)	

Key:

Green	Suitable
Yellow	Limited Suitability
Red	Unsuitable
Black	Not Tested

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 and contact TTS for further information.

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.