

IS = STYLE 2.

Specification

Moulding:
Material nylon 66, giving excellent insulating properties

Inserts:
Plain brass, threads BS Class 6H

Studs:
Zinc plated steel, threads
BS Class 6g

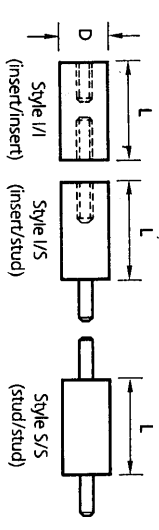
Insulation:
Minimum insulation thickness 1.5mm
Minimum insulation resistance > 10¹⁰ Mohm at 500Vdc
Minimum withstand voltage > 12kVdc

High Mechanical strength:
Achieved by unique moulding-in process
Continuous working temperature range:
-20 to +80°C

Product types

Customised parts are easily configured by choosing the desired combination of threads, sizes, studs and inserts.

Thread terminations



Dimensions
Standard insert depths and stud lengths:
Pillar diameter is determined by thread size:

Size	Stud length	Insert depth	Thread	Diameter in mm
6BA	3/16 in	3/16 in	6BA	6.35
4BA	1/8 in	1/8 in	4BA	9.5
2BA	1/16 in	1/16 in	2BA	12.5
0BA	1/32 in	1/32 in	0BA	15.9
M2.5	6.0mm	4.5mm	M2.5	6.35
M3	6.5mm	4.5mm	M3	7.0
M4	9.5mm	6.5mm	M4	9.5
M5	12.5mm	8mm	M5	12.5
M6	12.5mm	12.5mm	M6	15.9

These inserts and stud options can be supplied in any combination. Metric and imperial can be combined in the same pillar, as can different thread sizes.
Pillar lengths can be specified to suit your needs at any length from 1/8 to 3in (8.2 to 76.2mm).
(Minimum length depends on thread size and style.)

Preferred range

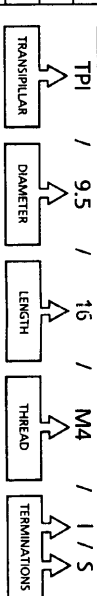
A combination of standard parts developed to satisfy popular requirements:

Imperial sizes	Metric sizes
	TP1/6.35/11/M2.5
	TP1/6.35/13/M2.5
	TP1/6.35/16/M2.5
	TP1/6.35/19/M2.5
	TP1/6.35/22/M2.5
	TP1/6.35/25/M2.5
	TP1/6.35/32/M2.5
	TP1/6.35/38/M2.5
	TP1/6.35/45/M2.5
	TP1/6.35/51/M2.5
	*TP1/7.0/10/M3
	TP1/7.0/11/M3
	TP1/7.0/13/M3
	TP1/7.0/16/M3
	TP1/7.0/19/M3
	TP1/7.0/22/M3
	TP1/7.0/25/M3
	TP1/7.0/32/M3
	TP1/7.0/38/M3
	TP1/7.0/45/M3
	TP1/7.0/51/M3

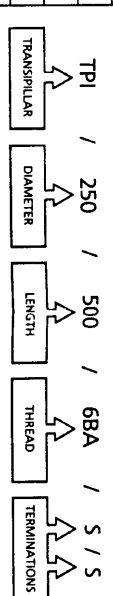
* Styles I/S and S/S only

Imperial sizes	Metric sizes
TP1/37.5/62.5/4BA	TP1/9.5/16/M4
TP1/37.5/75.0/4BA	TP1/9.5/19/M4
TP1/37.5/87.5/4BA	TP1/9.5/22/M4
TP1/37.5/100.0/4BA	TP1/9.5/25/M4
TP1/37.5/125.0/4BA	TP1/9.5/32/M4
TP1/37.5/150.0/4BA	TP1/9.5/38/M4
TP1/37.5/175.0/4BA	TP1/9.5/45/M4
TP1/37.5/200.0/4BA	TP1/9.5/51/M4
TP1/37.5/225.0/4BA	TP1/9.5/57/M4
TP1/37.5/250.0/4BA	TP1/9.5/64/M4
TP1/500/87.5/2BA	TP1/12.5/22/M5
TP1/500/100.0/2BA	TP1/12.5/25/M5
TP1/500/125.0/2BA	TP1/12.5/32/M5
TP1/500/150.0/2BA	TP1/12.5/38/M5
TP1/500/175.0/2BA	TP1/12.5/45/M5
TP1/500/200.0/2BA	TP1/12.5/51/M5
TP1/500/225.0/2BA	TP1/12.5/57/M5
TP1/500/250.0/2BA	TP1/12.5/64/M5
TP1/625/125.0/0BA	TP1/16/32/M6
TP1/625/150.0/0BA	TP1/16/38/M6
TP1/625/175.0/0BA	TP1/16/45/M6
TP1/625/200.0/0BA	TP1/16/51/M6
TP1/625/225.0/0BA	TP1/16/57/M6
TP1/625/250.0/0BA	TP1/16/64/M6

Ordering code examples



This describes a standard 9.5mm diameter Transpillar with a 16mm body length and female/male terminations.



This describes a standard 1/8in diameter Transpillar with a 1/2in body length and male/male terminations.

