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 $>10^4$Mohm at 500Vdc
Minimum withstand voltage >12kVdc

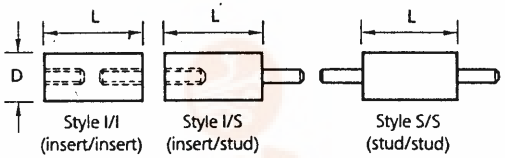
High Mechanical strength:
Achieved by unique moulding-in process

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:

Size	Stud length	Insert depth
6BA	$\frac{1}{4}$in	$\frac{3}{16}$in
4BA	$\frac{3}{8}$in	$\frac{1}{4}$in
2BA	$\frac{1}{2}$in	$\frac{3}{16}$in
0BA	$\frac{1}{2}$in	$\frac{1}{4}$in
M2.5	6.0mm	4.5mm
M3	6.5mm	4.5mm
M4	9.5mm	6.5mm
M5	12.5mm	8mm
M6	12.5mm	12.5mm

Pillar diameter is determined by thread size:

Thread	Diameter in mm
6BA	6.35
4BA	9.5
2BA	12.5
0BA	15.9
M2.5	6.35
M3	7.0
M4	9.5
M5	12.5
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 $\frac{1}{16}$ to 3in (8.2 to 76.2mm).
(Minimum length depends on thread size and style.)

Preferred range

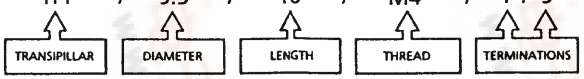
A combination of standard parts developed to satisfy popular requirements:

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
TP1/250/500/6BA	*TP1/7.0/10/M3
TP1/250/562/6BA	TP1/7.0/11/M3
TP1/250/625/6BA	TP1/7.0/13/M3
TP1/250/750/6BA	TP1/7.0/16/M3
TP1/250/875/6BA	TP1/7.0/19/M3
TP1/250/1000/6BA	TP1/7.0/22/M3
TP1/250/1250/6BA	TP1/7.0/25/M3
TP1/250/1500/6BA	TP1/7.0/32/M3
TP1/250/1750/6BA	TP1/7.0/38/M3
TP1/250/2000/6BA	TP1/7.0/45/M3
	TP1/7.0/51/M3

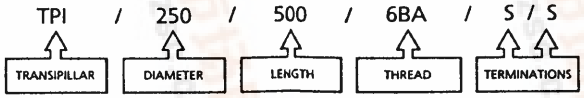
* Styles I/S and S/S only

Imperial sizes	Metric sizes
TP1/375/625/4BA	TP1/9.5/16/M4
TP1/375/750/4BA	TP1/9.5/19/M4
TP1/375/875/4BA	TP1/9.5/22/M4
TP1/375/1000/4BA	TP1/9.5/25/M4
TP1/375/1250/4BA	TP1/9.5/32/M4
TP1/375/1500/4BA	TP1/9.5/38/M4
TP1/375/1750/4BA	TP1/9.5/45/M4
TP1/375/2000/4BA	TP1/9.5/51/M4
TP1/375/2250/4BA	TP1/9.5/57/M4
TP1/375/2500/4BA	TP1/9.5/64/M4
TP1/500/875/2BA	TP1/12.5/22/M5
TP1/500/1000/2BA	TP1/12.5/25/M5
TP1/500/1250/2BA	TP1/12.5/32/M5
TP1/500/1500/2BA	TP1/12.5/38/M5
TP1/500/1750/2BA	TP1/12.5/45/M5
TP1/500/2000/2BA	TP1/12.5/51/M5
TP1/500/2250/2BA	TP1/12.5/57/M5
TP1/500/2500/2BA	TP1/12.5/64/M5
TP1/625/1250/0BA	TP1/16/32/M6
TP1/625/1500/0BA	TP1/16/38/M6
TP1/625/1750/0BA	TP1/16/45/M6
TP1/625/2000/0BA	TP1/16/51/M6
TP1/625/2250/0BA	TP1/16/57/M6
TP1/625/2500/0BA	TP1/16/64/M6

Ordering code examples



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



This describes a standard $\frac{1}{4}$in diameter Transipillar with a $\frac{1}{2}$in body length and male/male terminations.

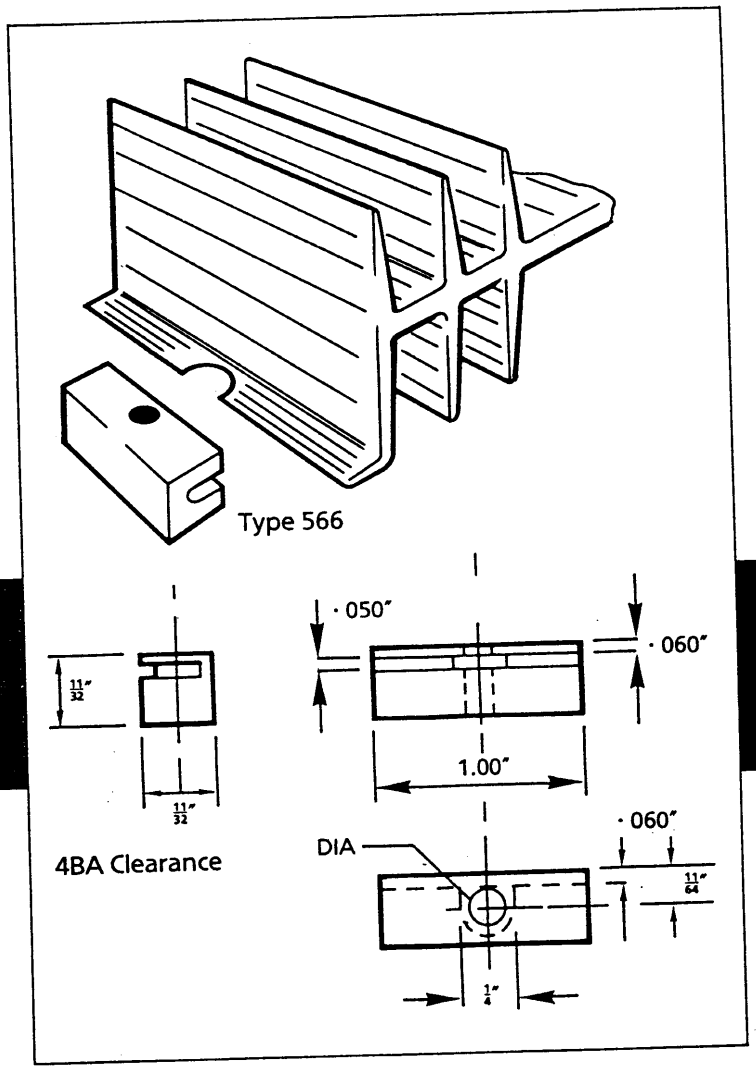
RENDAR

TRANSIBLOCK®

Insulating spacer for $\frac{1}{16}$in thick heat-sinks. Allows fixing of power transistors without mica washers.

The Transiblock is a moulded Nylon insulating spacer which allows popular extruded-aluminium heat sinks to be firmly fixed and 'floated' above earth potential.

We recommend the use of Transiblocks wherever possible, to effectively insulate an entire heat-sink from a chassis. This in turn allows power transistors to be fitted to the 'floating' heat-sink directly. Using this method, mica washers need not be fitted. Thermal resistance generated by mica washers, as high as 0.5°C/W, is therefore eliminated.



Rendar Limited
(A Wayne Kerr plc Group Company)
Durban Road, South Bersted,
Bognor Regis, West Sussex PO22 9RL.
Telephone (0243) 866741. Telex 86120.