

RENDAR LIMITED
HEXAGONAL SERIES-- TRANSIPILLARS

BODY-- NYLON 66
STUDS- MILD STEEL ZINC PLATED PASSIVATED
INSERTS- BRASS

STOCK CODE	MFG. PART NUMBER	DESCRIPTION	THREAD SIZE	LENGTH OF THREADED STUD	DEPTH OF THREADED BUSH	INSULATOR ACROSS FLATS	OVERALL LENGTH
627-100	96313100	HEX T/PILLAR -M3 x13mm S/S	M3	6.5mm		7.0mm	26.0mm
672-112	96325100	HEX T/PILLAR -M3 x25mm S/S	M3	6.5mm		7.0mm	38.0mm
627-124	96422100	HEX T/PILLAR -M4 x22mm S/S	M4	9.5mm		10.0mm	41.0mm
627-136	96522100	HEX T/PILLAR -M5 x22mm S/S	M5	12.5mm		13.0mm	47.0mm
627-148	96632100	HEX T/PILLAR -M6 x32mm S/S	M5	12.5mm		16.0mm	57.0mm
627-150	96313200	HEX T/PILLAR -M3 x13mm S/I	M3	6.5mm	4.5mm	7.0mm	19.5mm
627-161	96325200	HEX T/PILLAR -M3 x25mm S/I	M3	6.5mm	4.5mm	7.0mm	31.5mm
627-173	96416200	HEX T/PILLAR -M4 x16mm S/I	M4	9.5mm	6.5mm	10.0mm	25.5mm
627-185	96425200	HEX T/PILLAR -M4 x25mm S/I	M4	9.5mm	6.5mm	10.0mm	34.5mm
627-197	96438200	HEX T/PILLAR -M4 x38mm S/I	M4	9.5mm	6.5mm	10.0mm	47.5mm
627-203	96522200	HEX T/PILLAR -M5 x22mm S/I	M5	12.5mm	8.0mm	13.0mm	34.5mm
627-215	96525200	HEX T/PILLAR -M5 x25mm S/I	M5	12.5mm	8.0mm	13.0mm	37.5mm
627-227	96538200	HEX T/PILLAR -M5 x38mm S/I	M5	12.5mm	8.0mm	13.0mm	50.5mm
627-239	96545200	HEX T/PILLAR -M5 x45mm S/I	M5	12.5mm	8.0mm	13.0mm	57.5mm
627-240	96551200	HEX T/PILLAR -M5 x51mm S/I	M5	12.5mm	8.0mm	13.0mm	63.5mm
627-252	96632200	HEX T/PILLAR -M6 x32mm S/I	M6	12.5mm	8.0mm	16.0mm	44.5mm
627-264	96638200	HEX T/PILLAR -M6 x38mm S/I	M6	12.5mm	8.0mm	16.0mm	50.5mm
627-276	96651200	HEX T/PILLAR -M6 x51mm S/I	M6	12.5mm	8.0mm	16.0mm	63.5mm
627-288	96313300	HEX T/PILLAR -M3 x13mm I/I	M3		4.5mm	7.0mm	13.0mm
627-290	96325300	HEX T/PILLAR -M3 x25mm I/I	M3		4.5mm	7.0mm	25.0mm
627-306	96332300	HEX T/PILLAR -M3 x32mm I/I	M3		4.5mm	7.0mm	32.0mm
627-318	96338300	HEX T/PILLAR -M3 x38mm I/I	M3		4.5mm	7.0mm	38.0mm
627-320	96416300	HEX T/PILLAR -M4 x16mm I/I	M4		6.5mm	10.0mm	16.0mm
627-331	94619300	HEX T/PILLAR -M4 x19mm I/I	M4		6.5mm	10.0mm	19.0mm
627-343	96425300	HEX T/PILLAR -M4 x25mm I/I	M4		6.5mm	10.0mm	25.0mm
627-355	96451300	HEX T/PILLAR -M4 x51mm I/I	M4		6.5mm	10.0mm	51.0mm
627-367	96522300	HEX T/PILLAR -M5 x22mm I/I	M5		8.0mm	13.0mm	22.0mm
627-379	96564300	HEX T/PILLAR -M5 x64mm I/I	M5		8.0mm	13.0mm	64.0mm
627-380	96632300	HEX T/PILLAR -M6 x32mm I/I	M6		8.0mm	16.0mm	16.0mm
627-392	96651300	HEX T/PILLAR -M6 x51mm I/I	M6		8.0mm	16.0mm	51.0mm

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 > 10¹⁰ohm at 500Vdc

Minimum withstand voltage > 12kVdc

High Mechanical strength:

Achieved by unique moulding-in process

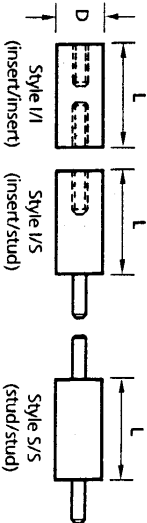
Continuous working temperature range:

-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	3/16in	3/16in	6BA	6.35
4BA	1/8in	1/8in	4BA	9.5
2BA	1/16in	1/16in	2BA	12.5
0BA	1/16in	1/16in	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
TP1/250/500/6BA	TP1/6.35/11/M2.5
TP1/250/562/6BA	TP1/6.35/13/M2.5
TP1/250/625/6BA	TP1/6.35/13/M2.5
TP1/250/750/6BA	TP1/6.35/16/M2.5
TP1/250/875/6BA	TP1/6.35/19/M2.5
TP1/250/1000/6BA	TP1/6.35/22/M2.5
TP1/250/1250/6BA	TP1/6.35/25/M2.5
TP1/250/1500/6BA	TP1/6.35/32/M2.5
TP1/250/1750/6BA	TP1/6.35/38/M2.5
TP1/250/2000/6BA	TP1/6.35/45/M2.5
TP1/250/2500/6BA	TP1/6.35/51/M2.5
TP1/250/3000/6BA	TP1/6.35/57/M2.5
TP1/250/3500/6BA	TP1/6.35/63/M2.5
TP1/250/4000/6BA	TP1/6.35/69/M2.5
TP1/250/4500/6BA	TP1/6.35/75/M2.5
TP1/250/5000/6BA	TP1/6.35/81/M2.5
TP1/250/5500/6BA	TP1/6.35/87/M2.5
TP1/250/6000/6BA	TP1/6.35/93/M2.5
TP1/250/6500/6BA	TP1/6.35/99/M2.5
TP1/250/7000/6BA	TP1/6.35/105/M2.5
TP1/250/7500/6BA	TP1/6.35/111/M2.5
TP1/250/8000/6BA	TP1/6.35/117/M2.5
TP1/250/8500/6BA	TP1/6.35/123/M2.5
TP1/250/9000/6BA	TP1/6.35/129/M2.5
TP1/250/9500/6BA	TP1/6.35/135/M2.5
TP1/250/10000/6BA	TP1/6.35/141/M2.5
TP1/250/10500/6BA	TP1/6.35/147/M2.5
TP1/250/11000/6BA	TP1/6.35/153/M2.5
TP1/250/11500/6BA	TP1/6.35/159/M2.5
TP1/250/12000/6BA	TP1/6.35/165/M2.5
TP1/250/12500/6BA	TP1/6.35/171/M2.5
TP1/250/13000/6BA	TP1/6.35/177/M2.5
TP1/250/13500/6BA	TP1/6.35/183/M2.5
TP1/250/14000/6BA	TP1/6.35/189/M2.5
TP1/250/14500/6BA	TP1/6.35/195/M2.5
TP1/250/15000/6BA	TP1/6.35/201/M2.5
TP1/250/15500/6BA	TP1/6.35/207/M2.5
TP1/250/16000/6BA	TP1/6.35/213/M2.5
TP1/250/16500/6BA	TP1/6.35/219/M2.5
TP1/250/17000/6BA	TP1/6.35/225/M2.5
TP1/250/17500/6BA	TP1/6.35/231/M2.5
TP1/250/18000/6BA	TP1/6.35/237/M2.5
TP1/250/18500/6BA	TP1/6.35/243/M2.5
TP1/250/19000/6BA	TP1/6.35/249/M2.5
TP1/250/19500/6BA	TP1/6.35/255/M2.5
TP1/250/20000/6BA	TP1/6.35/261/M2.5
TP1/250/20500/6BA	TP1/6.35/267/M2.5
TP1/250/21000/6BA	TP1/6.35/273/M2.5
TP1/250/21500/6BA	TP1/6.35/279/M2.5
TP1/250/22000/6BA	TP1/6.35/285/M2.5
TP1/250/22500/6BA	TP1/6.35/291/M2.5
TP1/250/23000/6BA	TP1/6.35/297/M2.5
TP1/250/23500/6BA	TP1/6.35/303/M2.5
TP1/250/24000/6BA	TP1/6.35/309/M2.5
TP1/250/24500/6BA	TP1/6.35/315/M2.5
TP1/250/25000/6BA	TP1/6.35/321/M2.5
TP1/250/25500/6BA	TP1/6.35/327/M2.5
TP1/250/26000/6BA	TP1/6.35/333/M2.5
TP1/250/26500/6BA	TP1/6.35/339/M2.5
TP1/250/27000/6BA	TP1/6.35/345/M2.5
TP1/250/27500/6BA	TP1/6.35/351/M2.5
TP1/250/28000/6BA	TP1/6.35/357/M2.5
TP1/250/28500/6BA	TP1/6.35/363/M2.5
TP1/250/29000/6BA	TP1/6.35/369/M2.5
TP1/250/29500/6BA	TP1/6.35/375/M2.5
TP1/250/30000/6BA	TP1/6.35/381/M2.5
TP1/250/30500/6BA	TP1/6.35/387/M2.5
TP1/250/31000/6BA	TP1/6.35/393/M2.5
TP1/250/31500/6BA	TP1/6.35/399/M2.5
TP1/250/32000/6BA	TP1/6.35/405/M2.5
TP1/250/32500/6BA	TP1/6.35/411/M2.5
TP1/250/33000/6BA	TP1/6.35/417/M2.5
TP1/250/33500/6BA	TP1/6.35/423/M2.5
TP1/250/34000/6BA	TP1/6.35/429/M2.5
TP1/250/34500/6BA	TP1/6.35/435/M2.5
TP1/250/35000/6BA	TP1/6.35/441/M2.5
TP1/250/35500/6BA	TP1/6.35/447/M2.5
TP1/250/36000/6BA	TP1/6.35/453/M2.5
TP1/250/36500/6BA	TP1/6.35/459/M2.5
TP1/250/37000/6BA	TP1/6.35/465/M2.5
TP1/250/37500/6BA	TP1/6.35/471/M2.5
TP1/250/38000/6BA	TP1/6.35/477/M2.5
TP1/250/38500/6BA	TP1/6.35/483/M2.5
TP1/250/39000/6BA	TP1/6.35/489/M2.5
TP1/250/39500/6BA	TP1/6.35/495/M2.5
TP1/250/40000/6BA	TP1/6.35/501/M2.5
TP1/250/40500/6BA	TP1/6.35/507/M2.5
TP1/250/41000/6BA	TP1/6.35/513/M2.5
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TP1/250/44000/6BA	TP1/6.35/549/M2.5
TP1/250/44500/6BA	TP1/6.35/555/M2.5
TP1/250/45000/6BA	TP1/6.35/561/M2.5
TP1/250/45500/6BA	TP1/6.35/567/M2.5
TP1/250/46000/6BA	TP1/6.35/573/M2.5
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TP1/250/47500/6BA	TP1/6.35/591/M2.5
TP1/250/48000/6BA	TP1/6.35/597/M2.5
TP1/250/48500/6BA	TP1/6.35/603/M2.5
TP1/250/49000/6BA	TP1/6.35/609/M2.5
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TP1/250/52000/6BA	TP1/6.35/645/M2.5
TP1/250/52500/6BA	TP1/6.35/651/M2.5
TP1/250/53000/6BA	TP1/6.35/657/M2.5
TP1/250/53500/6BA	TP1/6.35/663/M2.5
TP1/250/54000/6BA	TP1/6.35/669/M2.5
TP1/250/54500/6BA	TP1/6.35/675/M2.5
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TP1/250/102000/6BA	TP1/6.35/1245/M2.5
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TP1/250/103000/6BA	TP1/6.35/1257/M2.5
TP1/250/103500/6BA	TP1/6.35/1263/M2.5
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TP1/250/106000/6BA	TP1/6.35/1293/M2.5
TP1/250/106500/6BA	TP1/6.35/1299/M2.5
TP1/250/107000/6BA	TP1/6.35/1305/M2.5
TP1/250/107500/6BA	TP1/6.35/1311/M2.5
TP1/250/108000/6BA	TP1/6.35/1317/M2.5
TP1/250/108500/6BA	TP1/6.35/1323/M2.5
TP1/250/109000/6BA	TP1/6.35/1329/M2.5
TP1/250/109500/6BA	TP1/6.35/1335/M2.5
TP1/250/110000/6BA	TP1/6.35/1341/M2.5
TP1/250/110500/6BA	TP1/6.35/1347/M2.5
TP1/250/111000/6BA	TP1/6.35/1353/M2.5
TP1/250/111500/6BA	TP1/6.35/1359/M2.5
TP1/250/112000/6BA	TP1/6.35/1365/M2.5
TP1/250/112500/6BA	TP1/6.35/1371/M2.5
TP1/250/113000/6BA	TP1/6.35/1377/M2.5
TP1/250/113500/6BA	TP1/6.35/1383/M2.5
TP1/250/114000/6BA	TP1/6.35/1389/M2.5
TP1/250/114500/6BA	TP1/6.35/1395/M2.5
TP1/250/115000/6BA	TP1/6.35/1401/M2.5
TP1/250/115500/6BA	TP1/6.35/1407/M2.5
TP1/250/116000/6BA	TP1/6.35/1413/M2.5
TP1/250/116500/6BA	TP1/6.35/1419/M2.5
TP1/250/117000/6BA	TP1/6.35/1425/M2.5
TP1/250/117500/6BA	TP1/