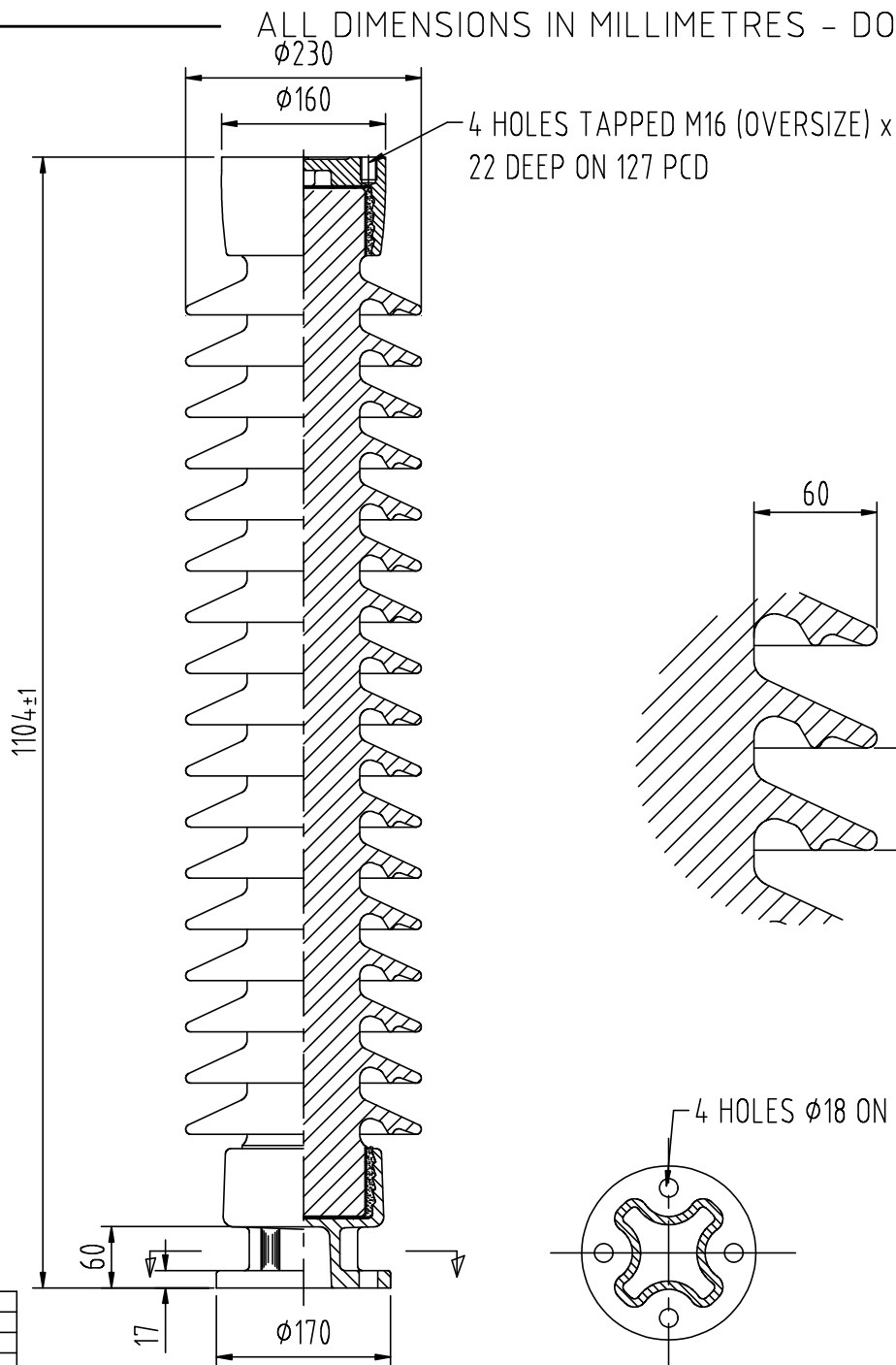


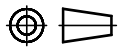
ALL DIMENSIONS IN MILLIMETRES - DO NOT SCALE - IF IN DOUBT ASK



| <u>Technical Specification</u> | |
|--------------------------------------------------------------------|-----------------|
| | DESIGNED VALUES |
| <u>SYSTEM HIGHEST VOLTAGE</u> | 110 kV |
| <u>WITHSTAND TEST VOLTAGES</u> | |
| a. Power frequency – wet | 230 kV |
| b. Lightning impulse – dry | 550 kV |
| <u>MINIMUM FAILING LOADS</u> | |
| a. Cantilever | 4.5 kN |
| b. Torsion | 4500 Nm |
| c. Tension | 90 kN |
| <u>CREEPAGE DISTANCES</u> | |
| a. Total | 2780 mm |
| b. Protected | 1230 mm |
| c. Flashover | 910 mm |
| Pollution Performance N° (ESAA Publication D (b) 19-1975) = 12.6 | |

| | | |
|-------|----------|--------|
| | | |
| | | |
| B | 2032 | 8.8.96 |
| Issue | Mod. No. | Date |

Drawn J. Bain
Date 8.8.1996



FIRST ANGLE PROJECTION

 NZ Insulators Ltd.
110kV STATION POST INSULATOR
127PCD x M16 / PEDESTAL MOUNT Class 3

New Zealand Insulators Ltd.
Tel: +64-3-615 0085
Fax: +64-3-615 8125
e-mail: sales@nzinsulators.co.nz

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