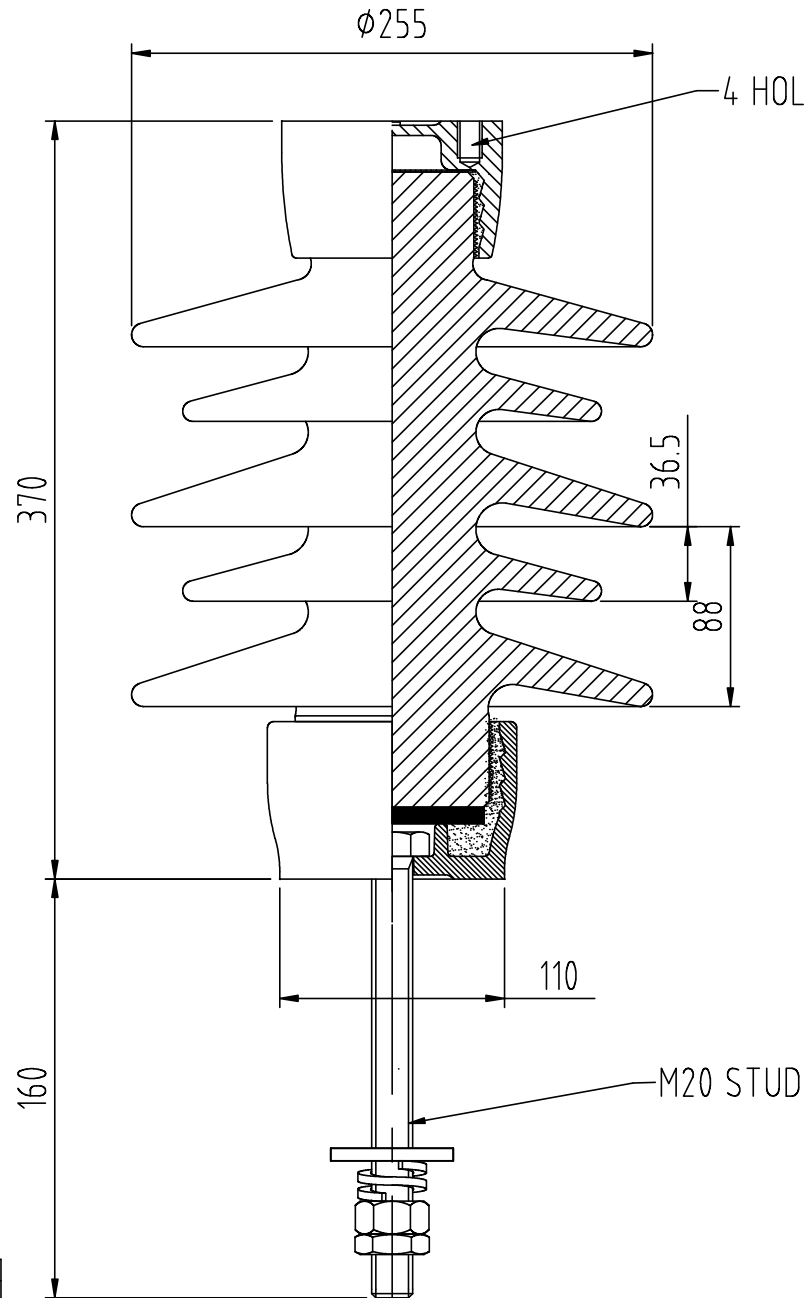


ALL DIMENSIONS IN MILLIMETRES - DO NOT SCALE - IF IN DOUBT PLEASE ASK



Technical Specification

	DESIGNED VALUES
<u>SYSTEM HIGHEST VOLTAGE</u>	36 kV
<u>WITHSTAND TEST VOLTAGES</u>	
a. Power frequency – wet withstand (Vertical)	90 kV
b. Power frequency – wet withstand (Horizontal)	95 kV
c. Power frequency – dry withstand	130 kV
d. Power frequency – dry flashover	135 kV
e. Power frequency – wet flashover (Vertical)	95 kV
f. Power frequency – wet flashover (Horizontal)	100 kV
g. Lightning impulse – dry	200 kV
<u>MINIMUM FAILING LOADS</u>	
a. Cantilever	– kN
b. Torsion	>1,200 Nm
c. Tension	>30 kN
<u>CREEPAGE DISTANCES</u>	
a. Total	860 mm
b. Protected	360 mm
c. Flashover	320 mm

Pollution Performance N* (ESAA Publication D (b) 19–1975) = 12

Issue	Mod. No.	Date

Drawn B Stephens
Date 17/4/2015
FIRST ANGLE PROJECTION



NEW ZEALAND INSULATORS LTD
Tel: +64-3-687 8100
Fax: +64-3-615 8125
e-mail: sales@nzinsulators.co.nz

36kV STATION POST
FIXED STUD TYPE - SPECIAL p/n: 465550

D688-0502/A