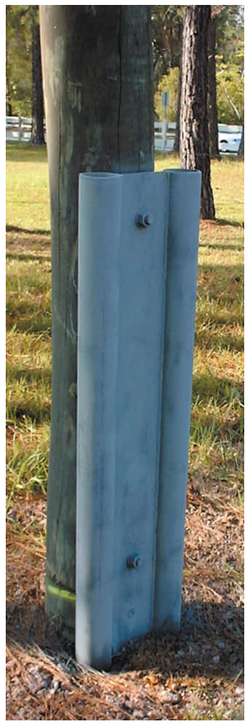
POLE FOUNDATIONS



Applications

- Utility Power Poles: Transmission, HV and LV supply lines
- Telecommunication poles
- Rail line communication poles
- Private Property poles
- Timber fence posts
- Poles threatened by trenching
- Straightening leaning poles
- Supporting timber stays
- Strengthening above ground line pole damage
- Stabilisation of timber jetties and wharfs

Conservation:

The **MultiTube™** and **MultiRib™** reinforcement process contributes towards conservation of timber resources by extending the life of poles in service.

Customer Service:

Pole reinforcement can be performed with energised conductors attached eliminating the need to disrupt services.

Economy and Longevity:

- Saving more than half the cost of regular pole replacement
- Providing up to an additional 30 years to pole life

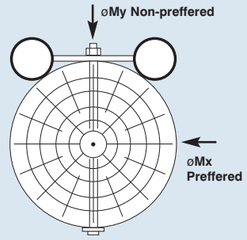
ULTIMATE MOMENT CAPACITY TABLE			
Pole Size	**Attachment**	**Max Capacity ØMx kN/m**	**Max Capacity ØMy kN/m**
MULTIRIB			
200mm	6 x 20mm bolts	118	43
300mm	6 x 20mm bolts	133	48
350mm	6 x 20mm bolts	193	73
475mm	6 x 20mm bolts	270	75
MULTITUBE			
200-300mm	6 x 20mm bolts	121	50
300-510mm	6 x 20mm bolts	161	50
	3 x 20mm HT bolts	197	50

MultiTube™ Ultimate Moment Capacity Table

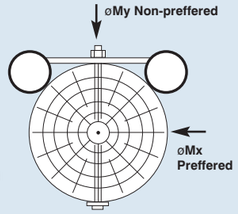
Grade 350 Steel Tube, 150 x 6mm MS Web offset 10mm, Length 2400mm / 2700mm

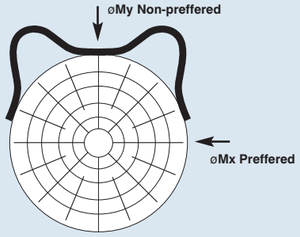
Pole Diameter 200mm - 510mm

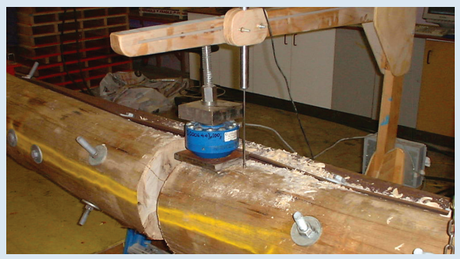
For Pole Diameter above 300mm, web offset placed towards pole



For Pole Diameter up to 300mm, web offset placed away from pole







Testing and Research

Destructive testing has been carried out by both Pole Foundations and independent engineering consultants to clearly identify the mechanical strength capabilities of the **MultiTube™** and **MultiRib™** designs. These tests have shown that the desired strength capabilities of wood poles can be matched by the range of **MultiTube™** and **MultiRib™** designs available.

POLE FOUNDATIONS

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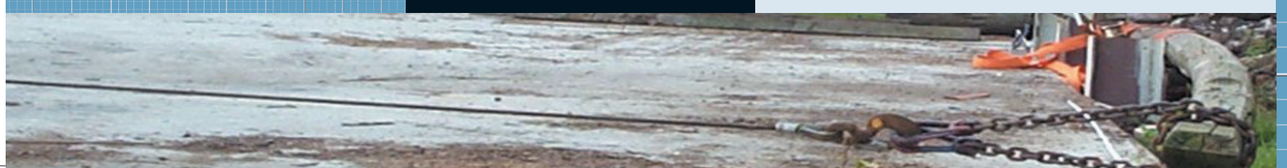

pole reinforcing

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