

Subject Quick Coupling



The Quick Coupling is a pump rod system for connecting the windmill Head Rod to the Pump Rod at ground level. The Quick Coupling enables the final connection to be done at ground level. The pump rod system consists of a special Anti Swivel Casting at the base of the windmill head rod, a length of screwed water pipe, timber cross guides (drilled with a clearance hole) to guide the galvanised pipe, Hook Bolts, a special coupling with grub screws, and a length of solid steel galvanised pump rod with a thread on one end.

Apart from the obvious benefit of the ease of connecting and disconnecting the pump rod from the pump or the rising column and rod, the quick Coupling arrangement provides a positive guide for the pumprod with the Tower. The timber Cross Guides can be manoeuvred within the tower to ensure that the rod is both vertical and central inside the tower. The timber Cross Guides provide a good

wearing surface for the galvanised pipe to run up and down in.

The Quick Coupling system is supplied with a minimum of three timber Cross Guides. The system for a 6ft and 8ft Yellowtail Windmills uses a 3/4" galvanised pipe, and the 10ft, and 12ft uses a 1" Pipe

