

## 6. HEAVY DUTY PROP

Made of 3.2mm inner and 3.2mm outer tube they are available in five standard sizes offering extensions from 1.07m to 4.87m

Lenght (mm)	Closed	Open	Weight
3000	1750	3000	15.0 kg
3500	2000	3500	16.8 kg
4000	2500	4000	18.5 kg
4500	3000	4500	20.0 kg

## 7. MEDIUM DUTY PROP

A 2.0mm Inner and 2.0mm Outer tube is used to make the Medium Duty Prop.

Lenght (mm)	Closed	Open	Weight
3000	1750	3000	10.0 kg
3500	2000	3500	12.0 kg
4000	2500	4000	13.0 kg
4500	3000	4500	14.0 kg

Caution is advised as follows:

- Props must always be loaded concentrically and be plumb.
- SWLs allow not more than 1.5 Deg. Out-of-plumb loaded concentrically.
- Any extension attachment bolted to the Prop must be considered in height when using the table.
- It should be ensured that the Prop always rests on the safest axis and loaded concentrically.

## ADS TUBES & COUPLERS AND TIE SYSTEM

### 1. ADS HEAVY DUTY TIE SYSTEM

Two types of Tie system make up the Heavy Duty Tie system. Removable, reusable and lost system. A protective tie cover (Plastic sleeve and plastic Cones) enables the reusable Tie system to be removed for re-use by preventing the Tie rods from contact with concrete.

### 2. TIE ROD

Available in both 60kN and 90kN SWL versions, these generally are stocked and supplied in 6.0m lengths. Another option available to the end user is the 'All thread' and the self cleaning 'Intermittent thread'. Running the Wing Nut ensures that the Tie rods are kept free of concrete / rust.

### 3. WING NUT

Made of malleable iron, it has a hexagonal head that facilitates use of a spanner to tighten it. The wings allow the nut to be either hammer tightened or levered with a length of reinforcing bar. Available either in self colour or galvanised / electroplated.

### 4. WALER PLATE

Available in self colour (Black), painted or Galvanised / Electroplated, These come in the following sizes:-

- 120 x 120 x 6mm
- 150 x 150 x 8mm

## 5. WATER STOPPER

This cast iron connector incorporates an impermeable core and flange. These are used when casting water-tight structures like water tank walls where the use of through ties are not possible. This is a non-reusable item as it's lost in the concrete after pour.

## 6. PLASTIC CONES

These recoverable cones are used at each end of the plastic conduit tube. This sets the conduit tube 10mm short of the face of the concrete wall / column. It also prevents the cohesion of the Plastic Tube to the plywood.

## 7. PLASTIC TUBE

This rigid plastic tube is used to sheath the Tie Rod from the wet concrete allowing re-use of the Tie Rod after the concrete is set.

## 8. COUPLERS

All fitting accessories conform to BS/EN – 74 A-B.

## 9. SLEEVE COUPLER

Used in joining two scaffold tube ends by wrapping around them. A central steel plate ensures that equal portions of both the tubes are held.

## 10. PUTLOG COUPLER

Used to wrap around two vertical tubes without leaving a gap in between, these elements can also be utilized in connecting Transoms to Ledgers to support scaffold battens.

## 11. SWIVEL COUPLER

As the name suggests, it's a connector between two Scaffold Tubes connected at any angle. Removable 'T' bolt assembly ensures replacement in case of damage to the threads. Available either in Pressed or Drop-forged versions.

## 12. DOUBLE COUPLER

A right angle connector between Scaffold Tubes to Scaffold Tube or Scaffold Tube to Standard. Available in either Pressed or Drop Forged Versions.

## 13. GRAVLOCK COUPLER

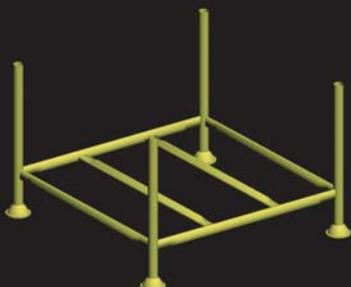
A connector between Scaffold tubes to Slodier / Girder flange used in pairs.

## 14. JOINT PIN

Generally used in conjunction with Sleeve Coupler, the Joint Pin connects Two Tubes internally offering a secure connection.

## 15. JACK NUT

Vertical Height adjustments are made possible with the use of these nuts in either the Base or Universal jacks. Available in self colour, Galvanised or Electroplated.



## 16. SCAFFOLD PALLET

Designed to stack long scaffolding accessories, it can be stacked one on top of the other saving space and enabling the stocking yard to be optimally utilized.