



## “ARMS” Shoring System

We would like to introduce our new Shoring System “ARMS” – This system is improved from old system.

“ARMS” shoring is a medium duty shoring system imported from Germany, S.W.L. range from 30 kN to 70 kN (Loading capacity varied depending on spacing of ledger and diagonal).

Combining "new technology" and "easy to use" design concept, "ARMS" shoring is especially ideal to perform medium to heavy duty shoring task. e.g. falsework of transfer plates, girders and demolition works, etc.

### Characteristics and Advantages of “ARMS” Shoring Compare to Traditional Light Duty System

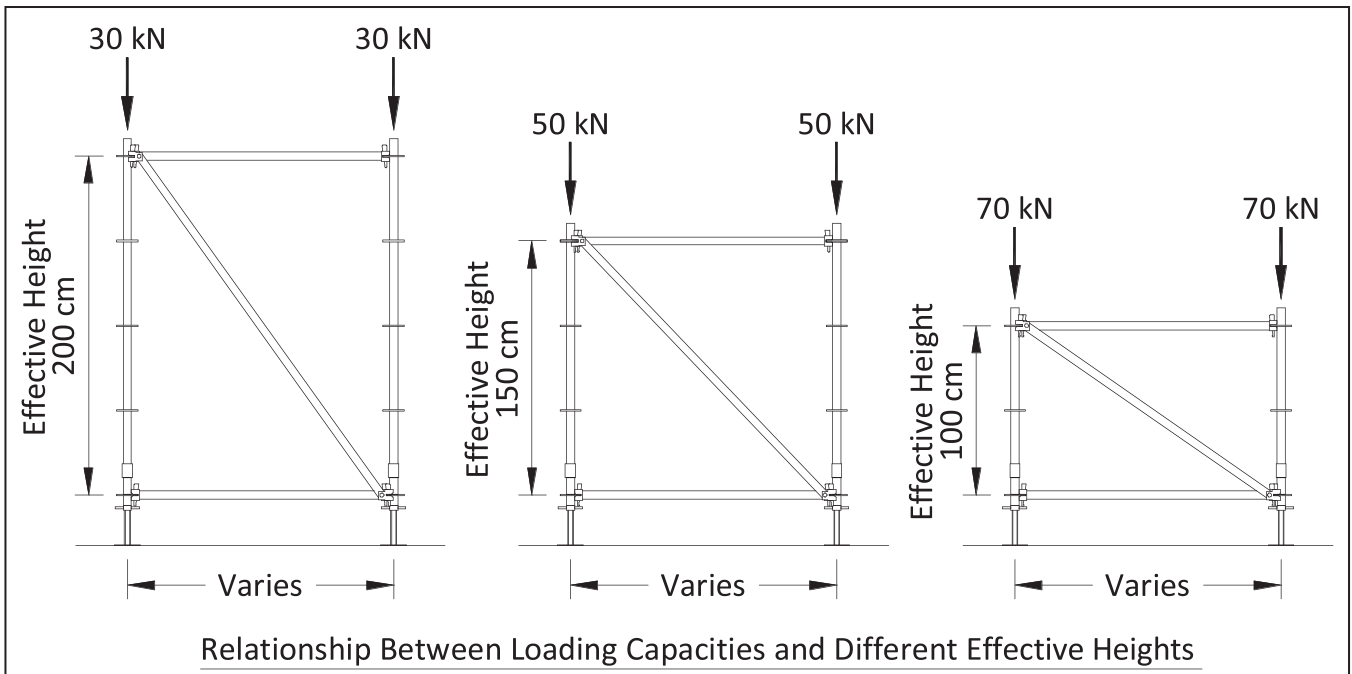
1. **Robust & Durable** – Main Frames of “ARMS” shoring system are all made from Q345 high tensile steel tubes, standard diameter of 4.83 cm and 0.325 cm thick; ledger and diagonal diameter of 4.83 cm and 0.25 cm thick, furnished with hot dip galvanization to ensure highest standard of quality. The fittings such as rosette, wedges and cast heads are all made of drop forge steel ensuring the most promising and strongest connections. Compare with the traditional light duty shoring system, "ARMS" shoring not only reduce weight but also has a greater support load.



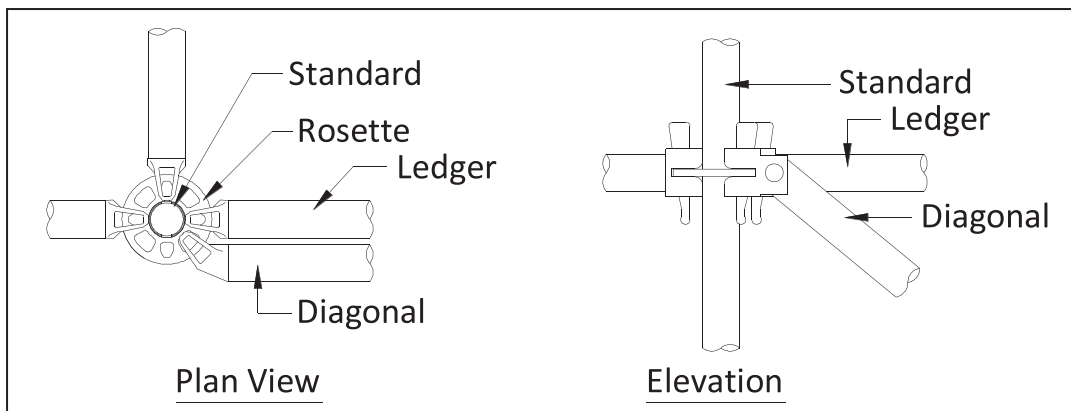
2. **Versatility** – “ARMS” shoring has wide range of different ledgers and diagonals spans enable to suit special design needs. Applying "ARMS" series of components, e.g. ladders, steel decking, toe boards, brackets and outriggers etc., could ensure to protect the safety of construction during installation or removal.



- Efficient Transportation** – "ARMS shoring components are lighter in weight compared to the traditional light duty shoring system, the heaviest component is weighted only 13 kg, which can be installed, dismantled and being transported to different locations quickly. In addition, shoring component has smaller cross-sectional areas that save a lot of space on transportation and storage.
- Economic Design** – High loading capacity (from 30 kN to 70 kN) is ideal to support heavy working loads. Different load capacities can be achieved easily according to actual structural requirement just by alteration of ledger spacing. A cost effective design can be simply made subject to Engineer's desire.

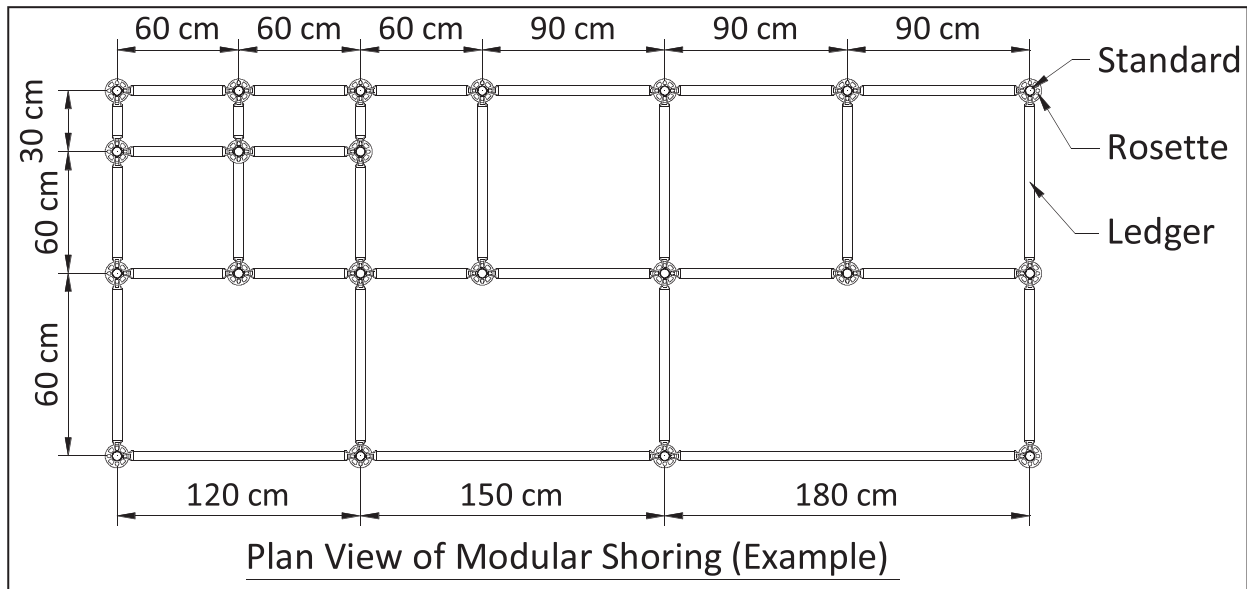


- Best System Design** – The large holes on the rosettes and the special design of the diagonal cast heads made installation of "ARMS" diagonals become simple, easy but reliable. The diagonal connections are designed close to every node point to give good static stability. Besides, "ARMS" shoring system is flexible as its ledger and diagonal may at any time independently installed and removed due to site conditions.

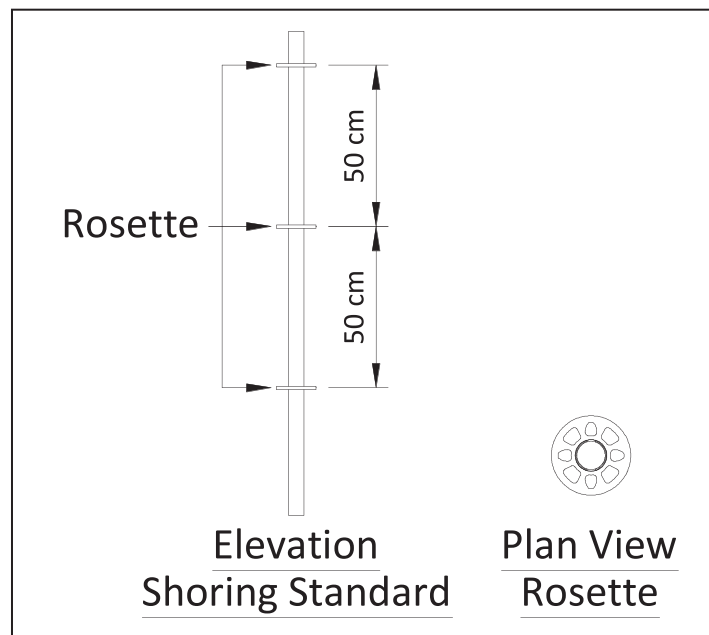




6. **Wide Range of Ledger** – "ARMS" shoring ledger is available in a variety of metric length section; 30 cm, 60 cm, 90 cm, 120 cm, 150 cm and 180 cm. The flexibility to change the plane of the horizontal and vertical spacing between two standards in response to suit site condition not restricted to the size of traditional light duty shoring system.

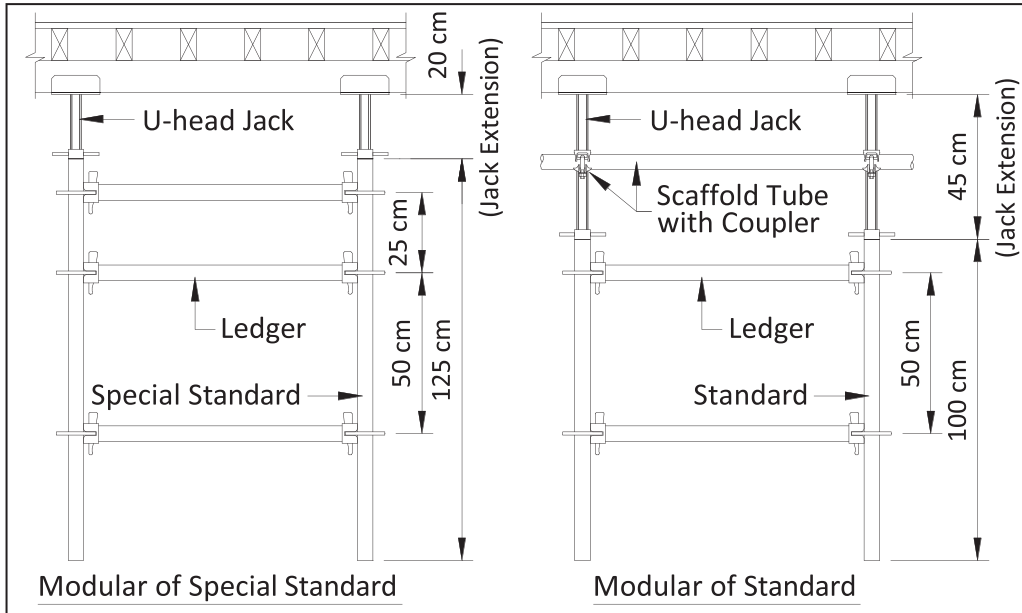


7. **Easy Connection** – "ARMS" shoring standard with rosettes at every 50 cm preset intervals, depending on the design requirements and site conditions, to facilitate the construction workers flexible install ledgers or diagonals.

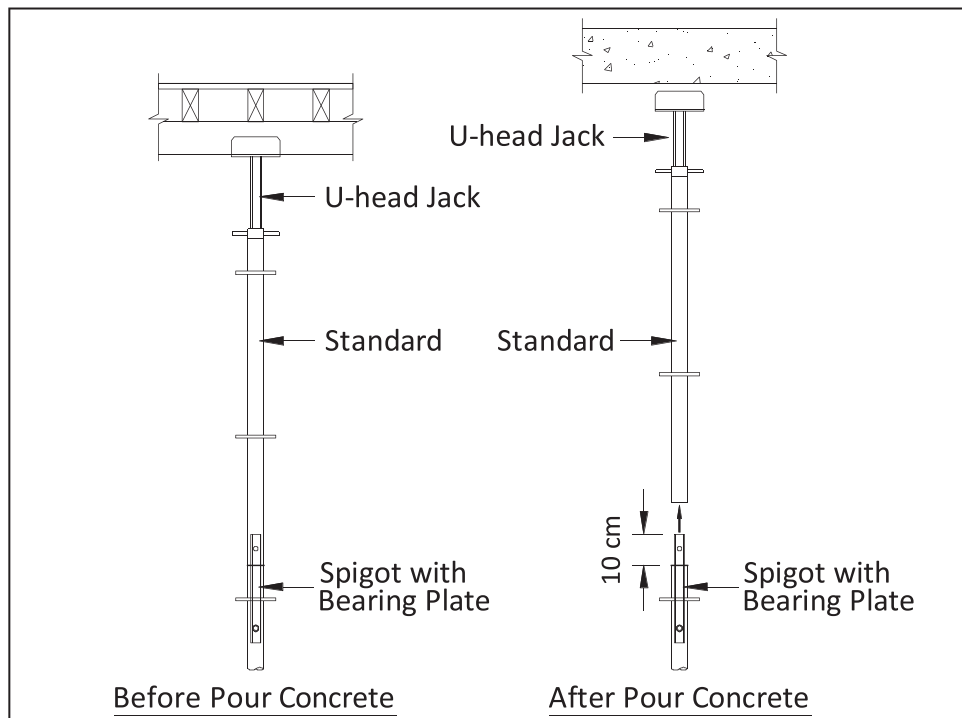




8. **Special Standard** – “ARMS” shoring special standard with two lengths 75 cm and 125 cm, flexible combination of site conditions, eliminating additional scaffold tubes & couplers to reinforce structure due to restriction of jack extension.

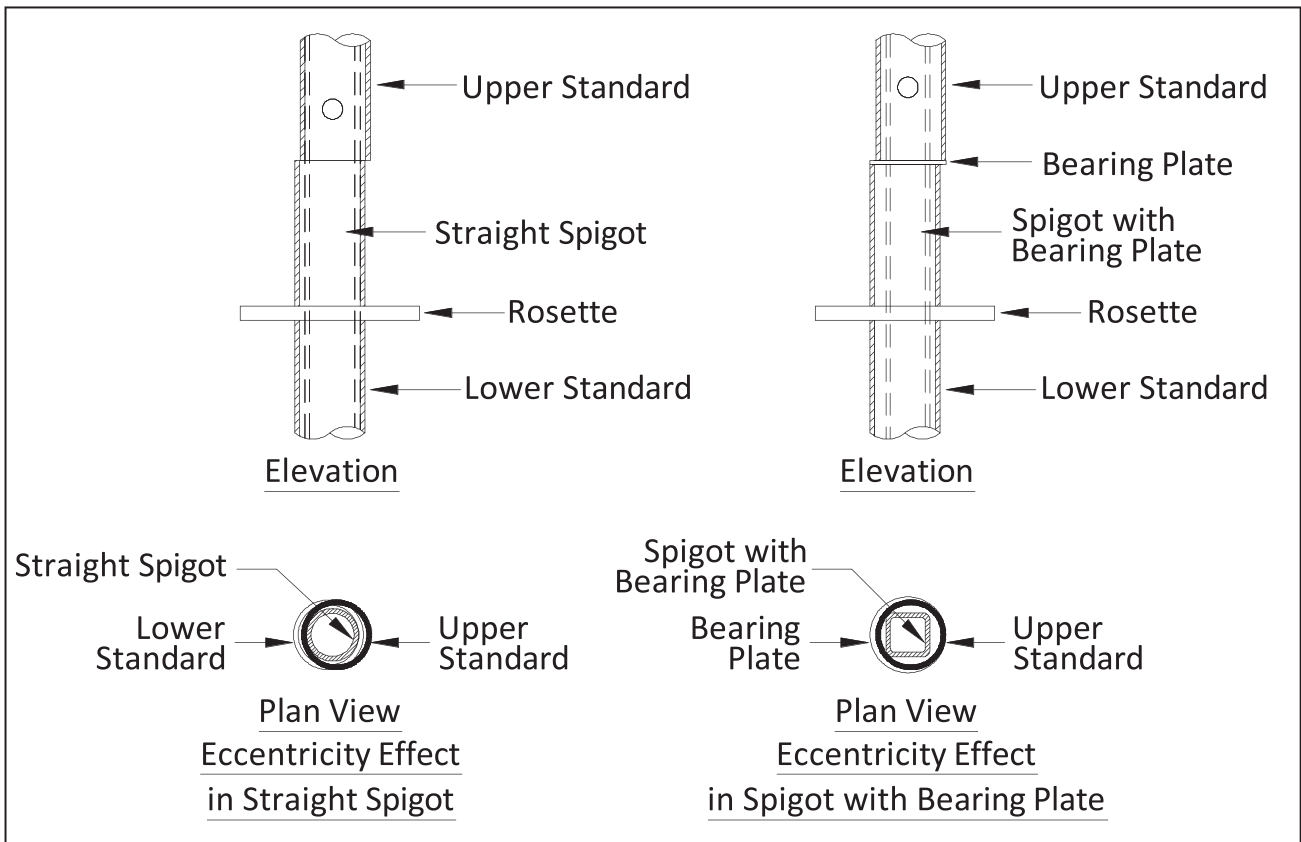
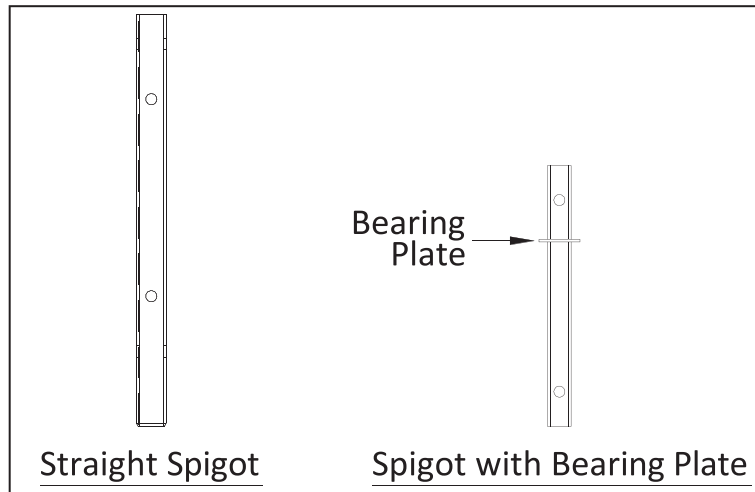


9. **Simple Dismantle** – Considering convenience of dismantling scaffold, upper part of “ARMS” shoring spigot height is designed only 10 cm to reduce lifting height of standard and adjustment range of u-head jack when dismantling scaffold. To make dismantle of scaffolding more efficiency in a limited space after pouring concrete.





10. **Spigot of Standard** – Due to certain gap between the straight spigot and standard, inevitably eccentric effect between upper and lower standard, that cause standard damage and dent. “ARMS” shoring specially use spigot with bearing plate design to enlarge contact area effectively transfer supporting load to the lower level.





11. **Load Tests** – Load tests are carried by accredited laboratories in Hong Kong for all “ARMS” shoring products regardless single component or modular scaffolding tower. To guarantee the product safety and reliability for its user.



More detailed information and design assistance can be obtained by just a simple dial 2745 6011; our Scaffolding & Falsework Division Manager Mr W.N. Pang is more than happy to serve you.

Looking forward to receiving your precious inquiry soon.