

# WEDGE SOCKET MANUAL

## GENERAL

- Wedge socket are wire rope end-termination for connecting or, tied up.
- 75~90% tension strength effect of Wire rope's breaking load.
- Wedge socket are produce by Casting (alloy) steel
- The wedge socket should be applicate 6~8 Strand wire rope of designated size.
- The tail length of the dead end should be minimum of 6 rope diameters but not less than 6" and, not over 150mm length.
- Load may slip or if the wedge socket is not properly installed.
- Always select the wedge and socket for the wire rope size.  
(The wire rope shall not pass through the "NO-GO" hole in the wedge)
- The wedge socket should be inspected for deformation, wearing or defect at least every 6 months.
- The product, if there is deformation or wearing which exceeds the limit of 5%, should be relieved of its forced load and replaced with a new one.

## CAUTION

### Before Use

- Be sure to use personal protection equipment. (Such as footwear, gloves, crash helmet, etc.)
- The work place must always be well lit.
- Before work, before remove dangerous articles from the area.
- The specification, use condition and use method of the product should be checked and the products should be used in a proper way.
- Check the products for any defect, wearing or deformation. Use only the product whose safety is assured.
- When the surface of the socket or pin has a fine scratch, it may be ground for use. However, welding is not allowed.
- Parts such as the wedge made by other manufacturers are not to be used.
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### Using

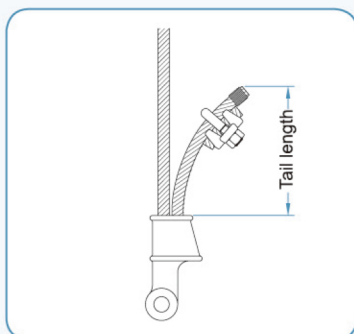
- Always follow the rules carefully. (Overloading & Improper use can result in injury.)
- Products over the 15kg weight must be used with an appliance tool. (Forklift, cranes, hoists, etc.)
- Where applicable, it is important to locate outside the danger zones.  
(A falling load may cause serious injury or even death.)
- Never repair, alter, rework, or reshape a hook by welding, heating, burning, bending or grinding.
- Don't side load the wedge socket.
- Apply first load to fully seat the wedge and wire rope in the socket. this load should be of equal or greater weight than loads expected in use.

### After Used

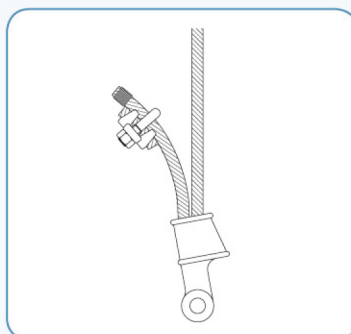
- After used products, should be inspection with elongation, wear and defect and, found anything else, must disuse, immediately.
- In case of found something wrong from products, should be need the check of load, working condition, and over-load, then.

## ■ using wedge socket as following figure.

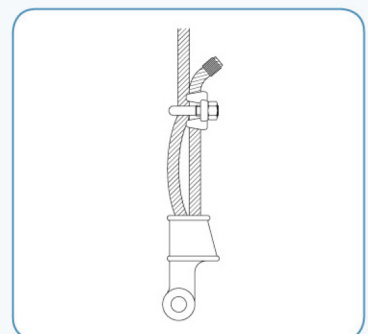
- The tail length of the dead end should be minimum of 6 rope diameters but not less than 6" and, not over 150mm length.



RIGHT



WRONG



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