



# General Information















## CHOICE OF WIRE ROPE TERMINATIONS

The choice of the correct wire rope termination is second in importance only to the selection of the most suitable wire rope for a particular application. In addition, the attachment of terminations to ropes should be carried out with the necessary skill and equipment to ensure that the load can be effectively transferred from the rope to the termination. When ropes are being replaced the terminations should be checked to ensure they are in good mechanical order before re-use.



### WARNING

- Wire Rope Terminations must be applied to the correct size and construction of wire rope.
- Wire Rope Terminations must always be fitted in accordance with any manufacturers recommendations.
- Incorrect use or application of Wire Rope Terminations can result in an unsafe condition, which could lead to property damage, serious injury or death.
- Special purpose or high technology wire ropes such as Casar may exceed the capacity of standard terminations.
- Swage Fittings must always be swaged by a competent person using a suitable wire rope press and dies in accordance with the manufacturers recommendations.

Type of Wire Rope Termination	Typical Tensile Efficiency (%)	Resistance to Vibration & Impact	Ease of Fitting in Field
 Nobles Stud-End Swage Fittings	Up to 100	Good	-
 Nobles Crane Rope End Fittings	Up to 100	Good	-
 Crosby Open Swage Sockets	Up to 100	Good	-
 Crosby Closed Swage Sockets	Up to 100	Good	-
 Nobles Open Swage Sockets	Up to 100	Good	-
 Nobles Closed Swage Sockets	Up to 100	Good	-
 Crosby Open Spelter Sockets	100	Fair	Good
 Crosby Closed Spelter Sockets	100	Fair	Good
 Rope Block Snub Nosed Spelter Sockets	100	Fair	Good
 Rope Block Closed Wedge Sockets	80	Fair	Very Good
 Wirelock Socket Capping Compound	100	Fair	Very Good
 Crosby "Terminator" Wedge Sockets	80	Fair	Very Good
 Crosby "Super Terminator" Wedge Sockets	75-90	Fair	Excellent
 Wire Rope Grips	80-85	Good	Very Good