

Crosby® Shackles

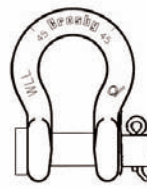
SCREW PIN SHACKLES PIN SECURITY

MOUSE SCREW PIN WHEN USED IN
LONG TERM OR HIGH VIBRATION
APPLICATIONS

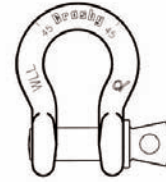


Mouse or Mouseing (screw pin shackle) is a secondary securement method used to secure screw pin from rotation or loosening. Annealed iron wire is looped through hole in collar of pin and around adjacent leg of shackle body with wire ends securely twisted together. Multiple wraps are required for securement where the load may slide on the shackle pin.

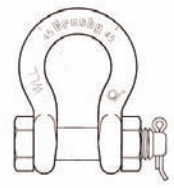
SHACKLES



ROUND PIN
Do not side load, do not use as a collector ring, always use cotter pin.



SCREW PIN
Use when picking and placing a load, tighten pin prior to each lift.



BOLT-TYPE
Use in permanent or long-term installations always use nut and cotter.

CONNECTION OF SLINGS TO SHACKLES

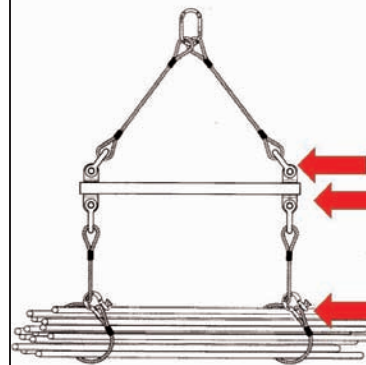
Diameter of shackle must be greater than wire rope diameter if no thimble in eye.



Shackle must be large enough to avoid pinching of synthetic slings.



BOLT-TYPE SHACKLE



Use Bolt-Type Shackle when a permanent or long term connection

Use a screw pin shackles when it will be a temporary connection.

RIGGING PRACTICE SHACKLES

Screw pin shall be fully engaged

If designed for a cotter pin, it shall be used and maintained

Applied load should be centered in the bow to prevent side loading

Multiple sling legs should not be applied to the pin

If side loaded, the rated load shall be reduced according to Table 1, on page 74