

**⚠ WARNING**

## **BLOCKS**

- Failure to design and use tackle block systems properly may cause a load to slip or fall - the result could be serious injury or death.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- A potential hazard exists when lifting or dragging heavy loads with tackle block assemblies.
- A tackle block system should be rigged by a qualified person as defined by ANSI/ASME B30.9.
- Instruct workers to keep hands and body away from block sheaves and swivels - and away from pinch points where rope touches block parts or loads.
- Do not side load tackle blocks.

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## **BINDERS**

- Failure to use this load binder properly may result in serious injury or death.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- Do not operate load binder while standing on the load.
- Move handle with caution – it may whip – keep body clear.
- Keep yourself out of the path of the moving handle.
- You must be familiar with state and federal regulations regarding size and number of chain systems required for securing loads on trucks.
- Always consider the safety of nearby workers, as well as, yourself when using load binder.
- While under tension, load binder must not bear against an object.
- Do not throw these instructions away. Keep them close at hand and share them with others who use this load binder.

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## **HOIST HOOKS**

- A falling load may cause serious injury or death.
- Loads may disengage from hook if proper procedures are not followed.
- Hook must always support the load. The load must never be supported by the latch.
- Never apply more force than the hook's assigned working load limit (wll) rating.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- Never lift with the tip of hook.

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## **THIMBLES**

- Failure to follow the instructions for use and these warnings may cause death or serious injury.
- Thimbles must always be inspected for cracks and wear before use. If worn, distorted or damaged, discard and replace.
- The thimble size must exactly correspond to the diameter or rope being used. Never use a smaller thimble because it will pinch the rope and cause broken and/or displaced wires.

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## **MASTER LINKS**

- Failure to follow the instructions for use and these warnings may cause death or serious injury.
- Links must always be inspected for wear and distortion before use. If worn, distorted or damaged, discard and replace.
- Do not weld on these links.
- Always stand clear of loads being lifted.

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## **SHACKLES**

- Failure to follow the instructions for use below and these warnings may cause death or serious injury.
- Shackles must always be inspected for wear, distortion and damage before use. If the pin or bow is worn, distorted or damaged, discard the shackle.
- Do not use round pin shackles in rigging applications.
- Screw pin shackles should not be used if there will be movement on the pin. Movement could cause the pin to unscrew and drop the load.
- Always stand clear of loads being lifted.

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## **TURNBUCKLES**

- Failure to follow the instructions for use below and these warnings may cause death or serious injury.
- Turnbuckles must always be inspected for wear, distortion, cracks and damage before use. If worn, distorted or damaged, discard and replace.
- Turnbuckles are not designed for angular loading, so the loading must be applied in a straight line.

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## **SWIVELS**

- Failure to follow the instructions for use below and these warnings may cause death or serious injury.
- Use in a corrosive environment requires shank and nut to be inspected in accordance with ASME B30.10-1.10.4 (b)(5)(c) 2009.
- Swivels must always be inspected for wear, distortion, damage and corrosion before use. If worn, distorted, damaged or corroded, discard and replace.
- Always stand clear of loads being lifted.
- Do not angle load.

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## **GRAB / SLIP HOOKS**

- Failure to follow the instructions for use below and these warnings may cause death or serious injury.
- Never lift with the tip of the hook.
- Never point load a hook.
- Do not use hooks for lifting personnel.
- Hooks must always be inspected for wear, distortion and damage before use. If worn, distorted or damaged, discard and replace.
- Always stand clear of loads being lifted.

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## **PROOF COIL CONNECTING LINKS**

- Failure to follow the instructions for use below and these warnings may cause death or serious injury.
- Do not use connecting links for overhead lifting.
- Never re-use connecting links.
- Connecting links must always be inspected for wear, distortion and tightness before use. If worn, distorted or damaged, discard and replace.

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## **DOUBLE GRIP CLIPS**

- Failure to read, understand and follow these instructions may cause death or serious injury.
- Read and understand these instructions before using clips.
- Prepare wire rope end termination only as instructed.
- Do not use with plastic coated wire rope.
- Apply first load to test the assembly. This load should be of equal or greater weight than loads expected in use. Next, check and retighten nuts to recommended torque.
- Double Grip Clips are to be used for making eye termination assemblies.
  - Only with right regular lay wire rope
  - Only for non-critical light duty uses with small applied loads, such as hand rails, fencing, guard rails, etc.

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## **MALLEABLE CLIPS**

- Failure to read, understand and follow these instructions may cause injury and property damage.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- Read and understand these instructions before using malleable clips.
- Never use malleable clips for critical, heavy duty or overhead loads, such as lifting slings, support lines, guy lines, towing lines, tie downs, scaffolds, etc.
- Malleable clips are to be used for making eye termination assemblies.
  - Only with right regular lay wire rope
  - Only for non-critical light duty uses with small applied loads, such as hand rails, fencing, guard rails, etc.
- Apply first load to test the assembly. This load should be of equal or greater weight than loads expected in use. Next, check and retighten nuts to recommended torque.

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## EYE BOLTS

- Failure to follow the instructions for use below and these Warnings may cause death or serious injury.
- Rated capacity is drastically reduced when loading at any angle.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- Loading must never be made at an angle greater than 45° from bolt centerline.
- At any angle of 45°, rated capacity is reduced to 1/4 of the tabulated value.
- Loads should always be applied to lifting eyes in the plane of the eye, not at some angle to this plane.
- Shoulder lifting eyes must be properly seated (should bear firmly against the mating part) otherwise the working loads must be reduced substantially. A steel washer or spacer may be required for proper seating.

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## HOOK LATCH KITS

- Failure to follow the instructions for use below and these Warnings may cause death or serious injury.
- Always inspect hook and latch before use.
- Never use a latch that is distorted or bent.
- Follow all Warnings, Use and Application Instructions as supplied by the Manufacturer.
- Loads may disengage from hook if proper procedures are not followed.
- A falling load may cause serious injury or death.
- See OSHA rule 1926.1431(g) and 1926.1501(g). A hook and latch without positive lock secured with a bolt, nut and cotter must not be used for personnel lifting.
- Hook must always support the load. The load must never be supported by the latch.
- Read and understand these instructions before using hook and latch.

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## CHAIN AND CABLE PULLERS

### Chain Pullers:

- Never apply loads greater than the specified tonnage.
- Keep the load hooks in line with the chain.
- Never use the chain with a twist or kink.
- Never use units where parts are deformed by overload operations.
- Never use in ways that would produce shock pressures.
- Never try to lift or suspend load.
- Never apply cheater bars or other objects that would tamper with the integrity of the original unit.
- Designed for horizontal pulling applications.

### Cable pullers:

- Do not exceed working load limit.
- Do not lift people or loads over people.
- Do not use handle extender or cheater bar.
- Inspect unit before each use for frayed cable or any bent or damaged components.