1” Multi-use Miller Grip Anchorage

**IMPORTANT!!**

Users should be familiar with pertinent regulations governing this equipment. All individuals who use this product must be correctly instructed on how to use this device.

Miller’s 10,000 lb Multi-Use Miller Grip can be used in either concrete or rock substrate. DO NOT use in steel, wood or any other substrate. This product is to be used in concrete or rock substrates only.

Miller Grips can be placed in:

- * Horizontal surfaces
- * Vertical surfaces
- * Overhead / ceiling surfaces

1. Follow all manufacturer’s instructions.
2. Use only locking snap hooks or locking carabiners.
3. Always inspect your units prior to use.
4. Use the proper method of coupling to anchorage.
5. Patch all holes with concrete when job is complete.
6. Pregnant women and minors must not use this product.
7. Designed safe working load is 2,000 lbs (8.8 KN).

**WARNING!!**

All persons using this equipment must read and understand all instructions. Failure to do so may result in serious injury or death. All persons using this equipment must know the weight or load being applied to this unit.

DO NOT use this Product - Model #499 for fall protection. Use for lifting, hoisting or scaffold tie back only.
IMPORTANT!!
Do not drill a hole closer then 10” from any corner.
The concrete substrate must be at least 20” wide and 10” thick.

Inspection:
1. Make sure unit is straight and operates smoothly.
2. Make sure trigger stop is not bent or damaged.
3. Make sure cables are not kinked, frayed or damaged.
4. Make sure metal components are not damaged.
5. Make sure metal spoons and conical end fitting operate smoothly and no metal burrs have occurred.
6. When reusing a previously drilled hole, always inspect the hole carefully.

Storage and Cleaning:
1. Blow off unit after each use with compressed air.
2. Store in clean dry environment.
3. Store in secure locked area.
4. Store and put away at the end of each day’s work.
5. Do not pile any objects on top of unit during storage.
6. Keep unit free of grease, oils and dirt.
7. Never lend your unit to other workers.

Disposal:
1. Dispose of unit if cable becomes kinked or bent.
2. Dispose of unit if trigger stop is bent or damaged.
3. Dispose of unit if trigger action is rough or sticky.
4. Dispose of unit if return wire becomes bent or frayed.
5. Proper disposal requires the unit’s spoons be cut off the return wires and thrown away.

NEVER USE A BENT DRILL BIT!!

Only use industrial grade rotary hammer drills and drill bits.
DO NOT USE masonry drill bits.

- Drill a 1” diameter hole at least 4-1/2” deep.
- Use recommended drill type and size.
- Blow hole clean with compressed air.
- Drill hole straight into substrate.
- When reusing a previously drilled hole always inspect the hole carefully.
- Insert unit 4-1/2 inches deep into hole.
- Set the unit with a slight tug on the anchor loop.
- The stop sleeve must always be partially inserted into the hole.
- Always inspect a previously drilled hole for deformation. Drill another proper hole if needed.
- Inspect the unit for damage each time you use it. If damage has occurred, dispose of unit.
- Never lend your unit to other workers.
- Never rely on a unit placed by unqualified workers.
- Remove your unit at the end of each day.
- Never leave a unit inserted in a hole overnight.
- Never drill hole closer than 10” to any edge or corner.

Drill a straight 1” diameter hole
4-1/2 “ deep into your substrate.
This image is a Makita rotary hammer drill that uses industrial grade SDS bits.
Dimensions and weight of the concrete block
(30" x 30" wide and 36" long - 25.5 cubic feet)
(3,825 lbs)

NOTE: By using 2 Miller Grips, each unit will be holding 1,912 lbs. It is the end user responsibility to know the proper techniques for all lifting or hoisting applications.

Lifting Requirements
This product has a safe working load of 2,000 lbs. It is the end user responsibility to know the weight of the object being lifted or supported. You must also know how to stabilize your object with the correct locations of your anchor points as well as using multiple units with an object. This unit is used for light lifting, hoisting and anchor points for scaffolding and staging.

- 2,000 lb safe working load.
- 10,000 lb maximum breaking strength.
- Do not use in uncured concrete.
- Always inspect your unit prior to use.
- Always dispose of unit if Thimble becomes bent or damaged.
- Keep hole 10” from an edge.
- Substrate must be at least 10” thick
- Use multiple units to stabilize object if needed.
- Hole must be drilled properly.
- Never stand under an object being lifted.

CONCRETE WEIGHT SCALE
1 cubic foot of concrete weights approximately (140 lbs - 150 lbs)

When placing a Miller Grip, Place your thumb inside the anchor loop and your first two fingers around the trigger. Retract the trigger until the spring bottoms out. With your other hand, pinch the two spoons between your thumb and index finger. IMPORTANT; Make sure the cleaning bushing is not wedged between the two spoons. Hold the trigger fully retracted while inserting the unit into bottom of the hole. DO NOT force the unit into the hole. Insert the unit slowly and gently.

If a Miller Grip becomes stuck, insert a flathead screwdriver into the hole until the tip rests on the cleaning bushing. Give a LIGHT, blunt hit with your palm or a hammer. DO NOT strike the screwdriver hard or it can damage the cleaning bushing.

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Main Cable | 7x19 Galvanized Cable | Return Wire | 1x19 Galvanized Cable
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Rotary Swage | 304 Stainless Steel | Trigger | 6061 T6 Aluminum
Spoons | 304 Stainless Steel | Spring | Zinc Coated Spring Steel
Cleaning Bushing | 304 Stainless Steel | Swage | Zinc Coated Copper
Stop Sleeve | 304 Stainless Steel | Thimble | Color Coded Green

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