



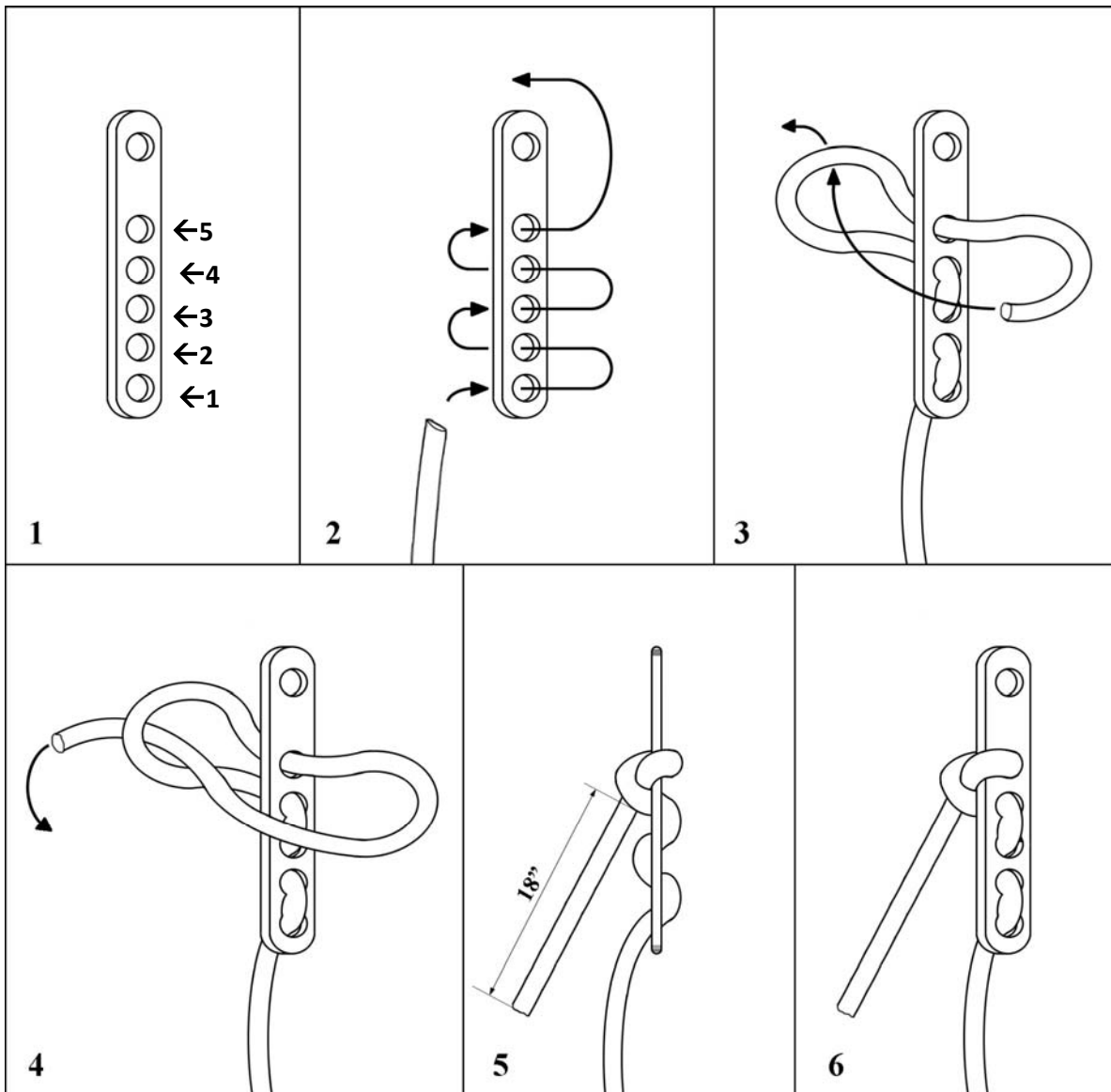
MIO ROPE CONNECTION PLATE

Operations Instructions

ROPING DIRECTIONS

During field termination rope is woven through the five holes in the plate from bottom to the top (Fig. 2) and is tucked around and under the loop formed between the top two holes of the plate (Fig. 3 - 4). Tighten the loop by pulling on the loose end of the rope; there should be at least 18" of loose rope left. Rope Connection Plate is ready to be used as a temporary rope field termination.

Model	Recommended rope types:
RCP-71612	1/2 & 7/16 th dia. KM-III Static Kernmantle, 1/2 & 7/16 th dia. HTP (High Tenacity Polyester), 1/2 & 7/16 th dia. EZ Bend and Max Wear, 1/2 & 7/16 th dia. Double Braided STA-SET.
RCP-5834	5/8 & 3/4 dia. 3-strand polyester rope. 5/8 & 3/4 dia. Kernmantle NewEngland Ropes, 5/8 & 3/4 dia. Kernmantle Sterling Ropes.



SPECIFICATIONS

- **Capacity (fall arrest):** one person with a combined total weight of 310 lb (140 kg), including clothing, tools and other user-borne objects
- **Capacity (rescue):** up to two persons with a combined total weight of 600 lb (272 kg)
- Product meets OSHA, ANSI Z359.1 and ANSI A10.32 requirements for an anchorage connector component for fall arrest. **THIS ROPE TERMINATION PLATE MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2006 EDITION, GENERAL USE MBS 36KN.**
- Use only as part of a complete fall arrest system for one worker that, (a) limits free-fall distance to 6 ft. (1.8 m) or less and, (b) limits fall arrest forces to 1,800 lbs (8 kN) or less.

PROCEDURE

1. Inspect the rope prior to each use and each time the system is moved to a new location. Look for evidence of cuts, wear, fraying, grease, oil, glue, tar or any other condition which could affect the integrity of the plate or strength of the rope.
2. Discard rope anytime there has been a fall or drop which places a shock load on the rope.
3. Inspect the carabiner gate for smooth gate action. A sticky gate or gate jaw which does not engage properly might be
4. deformed or have a faulty gate mechanism (follow inspection procedures in carabiner instruction).
5. Pad the rope if it is required to go over an abstract edges or sharp objects.

WARNING

THESE INSTRUCTIONS MUST BE PROVIDED TO THE USER. MANAGEMENT AND USER MUST READ AND UNDERSTAND THESE INSTRUCTIONS; FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

- ! During termination, ensure that the rope is tucked under the loop formed between holes 4 and 5 (Fig. 1), and that
- ! there is a minimum of 18" of rope beyond the bottom of the plate.
- ! Use only approved rope with the rope connection plate. Undersized rope may slide out of the plate due to insufficient friction.
- ! Protect the rope from sharp or abrupt edges. Rope strength will be seriously reduced or rope may fail.
- ! Make sure the rope is free of oil or any other lubrication.
- ! Use approved anchor points according to OSHA, ANSI and local government regulations