


## USER INSTRUCTIONS

# ADJUSTABLE BEAM GRIP ANCHORAGE CONNECTOR

 **WARNING**

***National standards and state, provincial and federal laws require the user to be trained before using this product. Use this manual as part of a user safety training program that is appropriate for the user's occupation. These instructions must be provided to users before use of the product and retained for ready reference by the user. The user must read, and understand (or have explained), and heed all instructions, labels, markings and warnings supplied with this product and with those products intended for use in association with it. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.***

### 1.0 OPERATING INSTRUCTIONS

1. Always follow all requirements of the Occupational Health and Safety Act and Regulations.
2. When using the Adjustable Beam Grip Anchorage Connector on the top of beam applications, the tether strap must be used.
3. Always calculate the fall distance, and ensure that a clear, unobstructed distance is provided under the beam to which the workers are attached.
4. Develop a rescue plan establishing what to do if a fall occurs.
5. Equipment must be used by trained personnel only.
6. Train all workers carefully in the basics of fall protection, proper use of the device and of all warnings and instructions that are provided with the device.
7. Never use the Adjustable Beam Grip Anchorage Connector for anything other than what it was designed.
8. Carefully visually inspect your Adjustable Beam Grip Anchorage Connector and fall protection equipment for wear prior to each use.
9. Always use safety related shock absorbing lanyards no longer than 6 ft.
10. Always wear a full body harness at all times when using the Adjustable Beam Grip Anchorage Connector.
11. Always make sure that the beam surface on which the Adjustable Beam Grip Anchorage Connector will be used, is free of any obstruction or debris that may effect the proper mobility and operation of the device.
12. Ensure that the structural member to which a worker is attached is capable of sustaining fall arrest forces. Do not tie off to a structural beam that is less than 8 in (200 mm) deep.
13. Never attach more than one worker to an Adjustable Beam Grip Anchorage Connector.
14. Do not alter the Adjustable Beam Grip Anchorage Connector in any way. Doing so will cause all approvals on the device to become void.
15. Always attach this device overhead or above the surface you are standing on whenever possible.
16. Never use your Adjustable Beam Grip Anchorage Connector on an open-ended beam or monorail, etcetera.
17. Always adjust your safety lock pin on the Adjustable Beam Grip Anchorage Connector in the hole nearest the beam flange.
18. Attach the Adjustable Beam Grip Anchorage Connector / lanyard to the back D-ring of the harness only. Side D-rings should be used for positioning only.
19. Insert the safety pin so that a minimum of 1 1/4 in bearing width is provided at either bracket.
20. The Adjustable Beam Grip Anchorage Connector is designed for attachment to an I Beam only. Do not use on open web steel joists.

## 2.0 SPECIFICATIONS

- The Adjustable Beam Grip Anchorage Connector meets the requirements of OSHA and ANSI A10.14 and Z359.1 standards.
- Material of construction is stainless steel with red nylon coating. Tether strap is nylon webbing with a minimum breaking strength, when new, of 5,000 lbf (22.2 kN).
- Free fall distance (limit) must not exceed 6.0 ft (1.8 m) in accordance with OSHA and ANSI Z359.1. The Canadian Occupational Health and Safety Act of 1990 and ANSI A10.14 specify that free fall distance must not exceed 5 ft (1.5 m). The user must comply with applicable standards and regulations.
- When used as part of a personal fall arrest system, fall arresting forces must not exceed 1,800 lbf (8 kN).
- Capacity is 130 lb (59 kg) to 310 lbs (140 kg) including weight of the user plus clothing, tools and other user-borne objects.

## 3.0 INSPECTION GRID

Note date of first use. Inspect for missing, worn, damaged, altered, cracked or broken parts. Inspect webbing for wear, fraying, cuts, abrasion or chemical/heat attack. Remove from use if defects are found.

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1st												
2nd												
3rd												
4th												
5th												
6th												

### WARRANTY

Express Warranty – Rose/MSA warrants that the product furnished is free from mechanical defects or faulty workmanship for a period of one (1) year from first use or eighteen (18) months from date of shipment, whichever occurs first, provided it is maintained and used in accordance with Rose/MSA's instructions and/or recommendations. Replacement parts and repairs are warranted for ninety (90) days from the date of repair of the product or sale of the replacement part, whichever occurs first. Rose/MSA shall be released from all obligations under this warranty in the event repairs or modifications are made by persons other than its own authorized service personnel or if the warranty claim results from misuse of the product. No agent, employee or representative of Rose/MSA may bind Rose/MSA to any affirmation, representation or modification of the warranty concerning the goods sold under this contract. Rose/MSA makes no warranty concerning components or accessories not manufactured by Rose/MSA, but will pass on to the Purchaser all warranties of manufacturers of such components. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AND IS STRICTLY LIMITED TO THE TERMS HEREOF. ROSE/MSA SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. For additional information please contact the Customer Service Department at 1-800-MSA-2222 (1-800-672-2222).

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