

SRL Ladder Extension Post

Technical Datasheet



MSA's SRL Ladder Extension Post offers an easy-to-install solution when Fall Protection is necessary for climbing activities on fixed ladders. This system may also be a solution to meet OSHA's 1910.28 Walking/Working Surfaces standard.



Part No. 30177-00

SRL Ladder Extension Post

Materials

Extension post	Galvanized mild steel
Grommet	Neoprene
D-ring	316s stainless steel
D-ring label	Aluminum
M12 D-ring fixings	A4 stainless steel
M10 U-bolts	316s stainless steel
M10 fixings	A4 stainless steel
Clamp plate	316s stainless steel

Strength

Extension post—Static strength > 22.2 kN (vertical direction)

Quality control

- 100% Visual inspection
- X-ray inspection of all cast components
- Batch conformance testing for dynamic performance
- Batch conformance testing for static strength

Approvals

OSHA

Parts List

Quantity	Description
1	Ladder Extension Post
2	Fixing Kit (30001/30014 Round Rungs)
3	M12 x 40 mm S/S Hex HD Bolt A4/70
4	S/S M12 Washer Form B
5	M12 Spring Washer S/S A4
6	M12 Full Nut A4
7	D-ring
8	M12 Single-point Anchorage Label

Notes

1. A qualified person must determine that the ladder has sufficient strength to support the fall arrest loads applied by the mounted SRL with an appropriate safety factor according to local regulations and standards.
2. **OSHA 1910.140(c)(13)** requires that the ladder be capable of supporting at least 5,000 lbs or be designed, installed, and used under the supervision of a qualified person as part of a complete personal fall protection system that maintains a safety factor of at least two.
3. **CSA Z259.2.5** specifies the top anchorage shall be capable of withstanding a load of 5000 lb (22.2 kN).
4. For use with round rungs from dia. 5/8" (16 mm) to 1" (25 mm).
5. Recommended tightening torque for M10 U-bolt fixings — 20 Nm / 15 ft-lbs.
6. Recommended tightening torque for M12 D-ring fixings — 54 Nm/ 40 ft-lbs.
7. Post can be fitted centrally, or to the side of the ladder.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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