WIRE ROPE GRAB

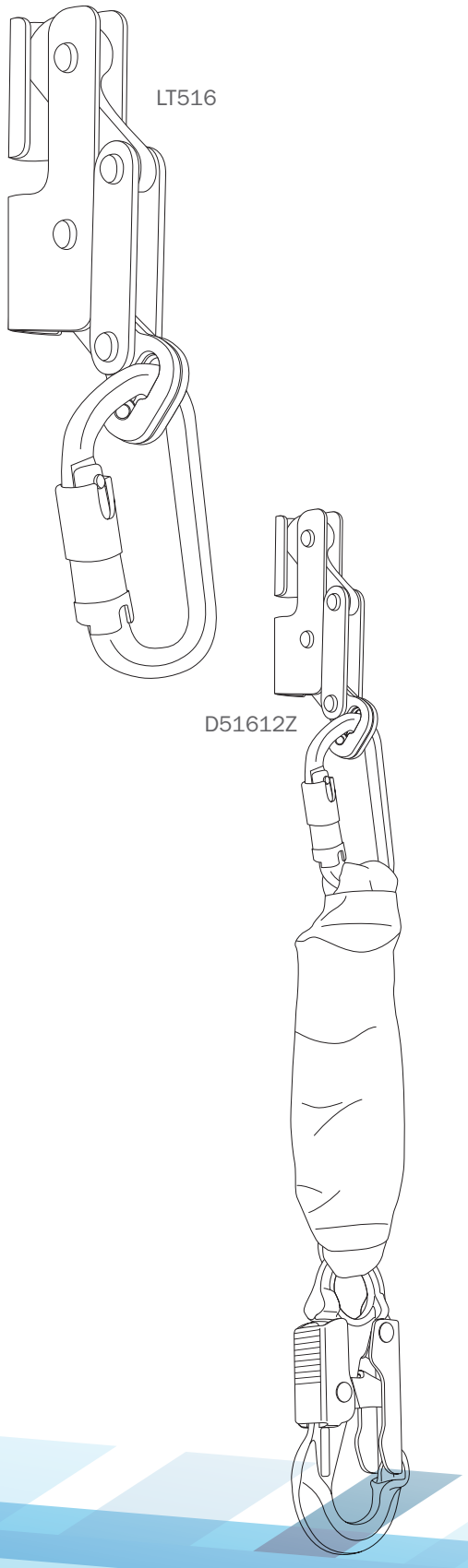
The wire rope grab is designed to be incorporated in a personal fall arrest system where synthetic lifelines would degrade due to chemical, abrasive or high heat (i.e. welding) conditions prevailing on the worksite.

The wire rope grab features a cam that is designed to apply forces evenly resulting in a braking system that offers maximum resitance with little strain to the wire rope. The wire rope grab is meant to slide freely up and down a 5⁄16 in. (8.3 mm) or 3⁄8 in. (9 mm) steel wire cable and can be used on both galvanized and stainless steel cables.

The wire rope grab can also be combined with a shock absorber. This combination is a CSA approved system, developed specifically for rear attachment practices involving vertical wire rope safety system.

When a fall occurs, the sudden stop caused by the fall arrest system submits the human body to a high impact force (the longer the free fall distance, the higher the force).

For further information, refer to the “Use and Maintenance Instructions” for wire rope grab.



⚠ WARNING

With any wire rope lifeline, shock-absorbing devices must be incorporated into the system.

FEATURES

- Gravity washer to restrict upside down installation
- Cam designed to apply force evenly with minimun strain to wire rope
- Safety feature preventing accidental removal from cable as long as carabiner is installed
- Lightweight and secure
- Simple design for ease of operation

TYPES OF LIFELINES

- With the LT516, use only 5⁄16 in. (8.3 mm) 7 x 19 independent wire rope core
- With the LT38, use only 3⁄8 in. (9 mm) 7 x 19 independent wire rope core

⚠ WARNING

Use of any other diameter may result in injury or death.

APPLICATIONS

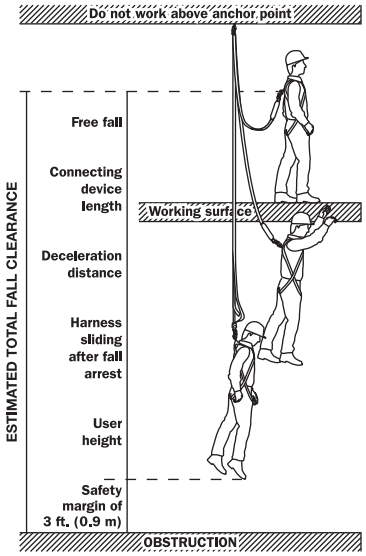
- Scaffolding
- Foundries/furnaces
- Welding operations
- Telecommunication towers
- Chair lift towers
- Ladder climbing system
- Elevator maintenance

APPLICABLE STANDARDS

- ANSI Z359.1-2007
- ANSI A10.32-2004
- OSHA 1926
- CSA Z259.2.1 class AD

AVAILABLE MODELS

- **LT516** 5⁄16 in. (8.3 mm) wire rope grab
- **LT38** 3⁄8 in. (9 mm) wire rope grab
- **D51612Z** 5⁄16 in. (8.3 mm) wire rope grab with 2 ft. (0.6 m) shock absorber,



⚠ WARNING

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When choosing an anchorage point, take into consideration the deceleration distance. Minimum clearance required under user is 10 ft. (3 m). The shock absorber can elongate up to 42 in. (1.1 m) as it extends during activation.

Free fall distance must never be greater than 6 ft. (1.8 m). Consult local regulations as permitted free fall distance may be less than 6 ft. (1.8 m).

PARTS	SPECIFICATIONS
TEAR WEBBING	Minimum tearing force: 500 lbs. (2.2 kN) Maximum impact force: 900 lbs. (4 kN) Maximum deployment length: 42 in. (1.1 m)
SHOCK ABSORBER WEBBING	High tenacity polyester Width: 1¾ in. (45 mm) Thickness: 1/16 in. (1.4 mm) Tensile strength: 5,700 lbs. (25.4 kN) Webbing is heat-cut to prevent fraying.
SHOCK ABSORBER PROTECTIVE COVER	High tenacity polyester Width: 3⅜ in. (85 mm) Tubular construction
STITCHING	Lanyard is lock-stitched. Thread: #138 polyester
9/16 IN. (15 MM) CARABINER (PM11Z – C1 HOOK)	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN) Gate strength: side and face 3,600 lbs. (16 kN)
¾ IN. (20 MM) SELF-LOCKING SNAP HOOK (43601 – Z HOOK)	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN) Gate strength: side and face 3,600 lbs. (16 kN)
CAPACITY	310 lbs. (140 kg), one person