

# VERTICAL FALL ARREST SYSTEM ON RIGID CABLE

## Technical Datasheet



This is a permanent installed lifeline to provide safe ascent & descent of workmen while working on ladders. The system consists of stainless steel "Rope Grab" (fall arrester) that moves along with the user on a lifeline. Wire rope made of 8mm diameter stainless steel.

The Rope Grab is connected to the worker's harness through carabiner. The system also consists of a shock absorber which is installed at one end of the lifeline. In case of a fall this shock absorber is designed to absorb the shock generated due to the fall and transfers minimum shock to the user and the structure.

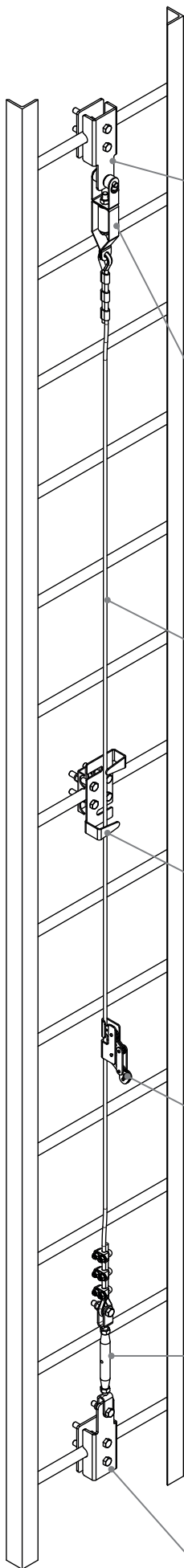
Rope grab with an in-built shock absorber and indicator is also available. We also have an extension arm for extending the ladder.

### ■ Key Features

- Ladders
- Wind Mills
- Chimney Stacks
- Transmission Towers
- Telecommunication towers
- Television transmission
- FM towers

### ■ Key Features

- Complete corrosion free SS316 grade material
- 100% Positive locking
- Continuous movement with Complete fall protection
- Virtually no maintenance



### Top Anchor for Rope Grab Fall Arrest System

**EFINI0000104**

Stainless steel bracket with mounting hardware. Fits with wide variety of ladder rungs. Mount on top side of ladder.

### Shock Absorber - Vertical FAS on Rigid Cable

**ESPAR0000115**

Made from Stainless Steel 316 grade to provide high corrosion resistance. Absorbs shock generated during a fall to avoid load transfer to the user and the structure.

### Wire Rope SS 316 8mm Dia (7x19)

**EWIRR0000005**

Stainless Steel 316 grade to provide high corrosion resistance and long life in harsh environments. Diameter 08mm and construction 7 x 19

### Pass Through Bracket - Vertical Fall Arrest System

**ESPAR0000073**

Stainless steel bracket with mounting hardware. To ensure cable remains in position. Recommended every 10mtrs. Fits with wide variety of ladder rungs & attaches with one ladder rung.

### Rope Grab Stainless Steel

**ESPAR0000061**

Made from Stainless Steel 316 grade to provide high corrosion resistance and long life in harsh environments. Fits 08 mm diameter cable. Carabiner to be additionally fixed.

### Tensioner Vertical FAS

**EFINI0000273**

Made from Stainless Steel 316 grade to provide high corrosion resistance. Provides & maintains required tension to the cable. Provides swageless termination to the cable. Fits 08mm diameter cable.

### Bottom Anchor for Rope Grab Fall Arrest System

**EFINI0000105**

Stainless steel bracket with mounting hardware. Fits with wide variety of ladder rungs. Mount on bottom of ladder.



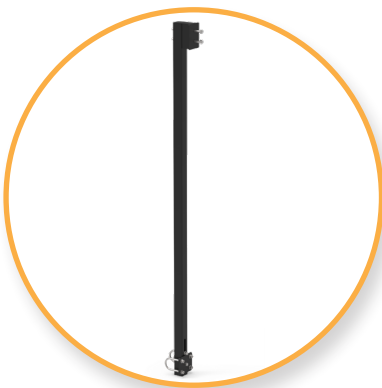
■ Also Available...



**Rope Grab Stainless Steel with in built Shock Absorber**

*ESPAR0000139*

Made from Stainless Steel 316 grade to provide high corrosion resistance and long life in harsh environments. Fits 08 mm diameter cable. Carabiner to be additionally fixed.



**Extension Arm for Vertical Fall Arrest System**

*EFINI0000250*

Powder coated frame with mounting hardware. Provides Extension to the lifeline. Mount on top of ladder.