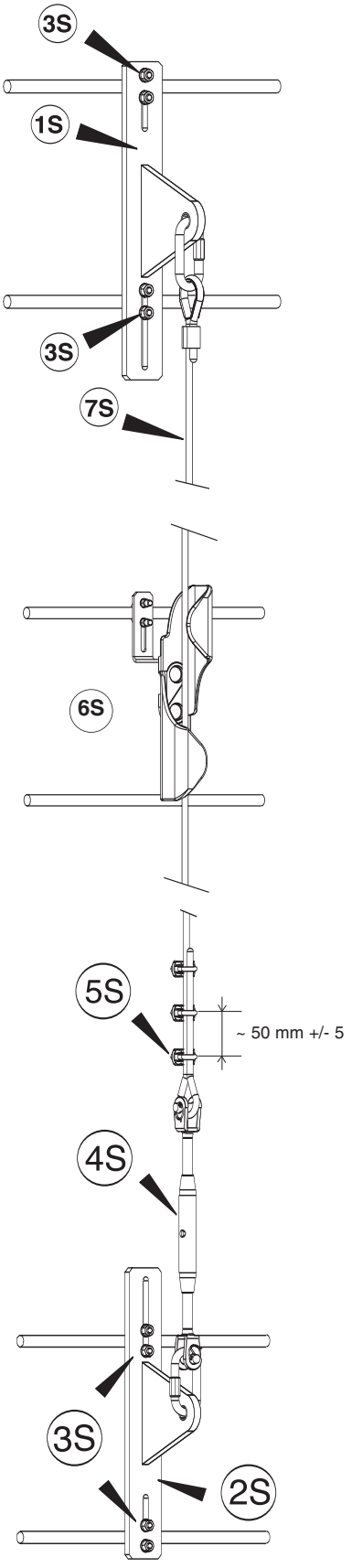
Stopcable S



Function

Fall arrest system providing safe access for people moving vertically on structures such as telecommunications aerials or ladders.

The system consists of a rigid steel wire rope, fixed to the mounting structure in such a way as to limit sideways movement of the wire rope, and a Stopcable fall arrester.

Description and Operating Principle

Tractel offers two models of life line :

• Stopcable S :

The Stopcable S life line, designed for mounting on a steel structure which provides adequate resistance (> 10 kN)

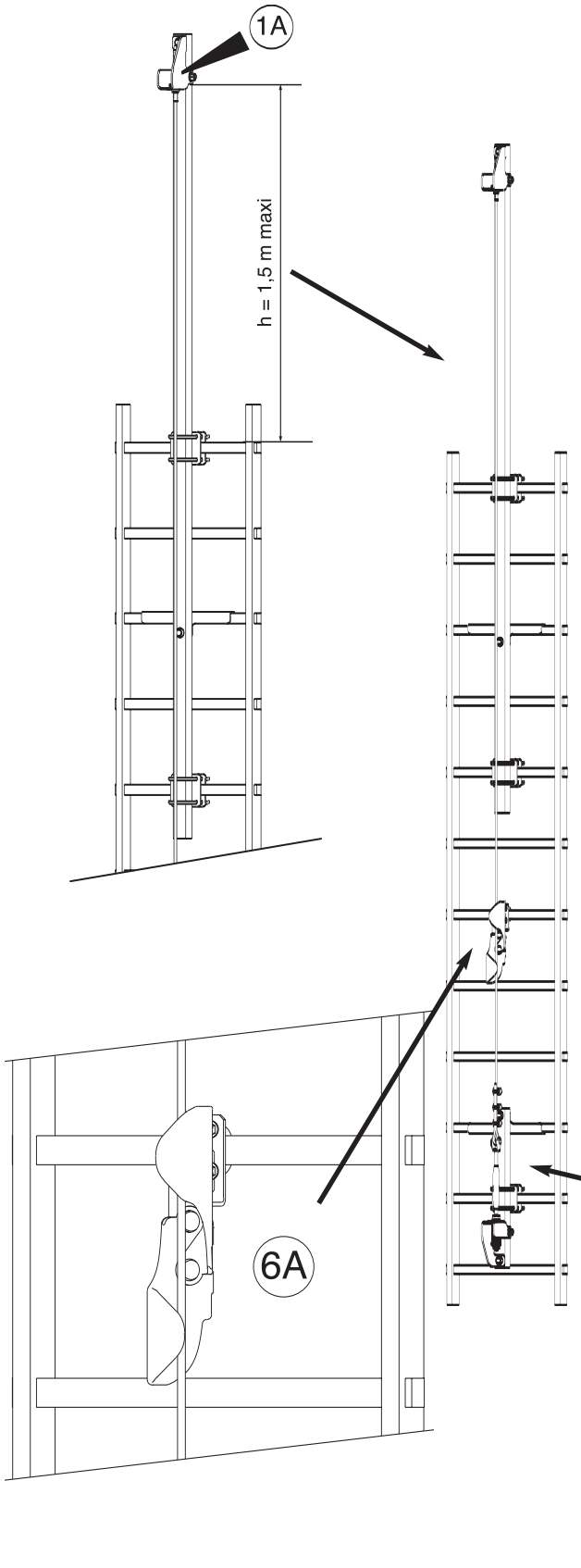
The Stopcable S wire rope consists of the following components :

- An upper anchor (1S) (made of hot deep galvanised steel) which is fixed to a 17 to 49 mm diameter steel bar.
- A lower anchor (2S), same as (1S)
- Stainless steel “U” bolt (3S) for fixing the anchors onto the metal bars.
- Stainless steel turnbuckle (4S) for tensioning the wire rope to a force of between 0,03 kN and 0,8 kN.
- Intermediate anchor (6S): prevents the wire rope hitting the structure. For lines over 16 m long, fit an intermediate anchor every 8 m. The wire rope does not need to be disengaged from the intermediate anchor to allow the Stocable fall arrester to pass over the anchor.

  Made of synthetic material and stainless steel.
- The wire rope (7S) is fitted with a thimble and a crimped sleeve on its upper end. The lower end will be made according to the customer’s requirements. If the length of the line is not known precisely (+/- 2 cm) 3 wire rope clamps (5S) must be used to create the wire rope loop. If the length of the line is known, the lower end will be made in the same way as the upper end. The wire rope must be stainless steel with 6 strands of 19 wires each, resistance 30 kN.

  All the accessories fitted on the wire rope are stainless steel.

Stopcable A



• Stopcable A :

The Stopcable A life line, designed for mounting on a lightweight structure, generally an aluminium ladder.

The Stopcable A life line consists of the following components:

- An upper anchor (1A) for fitting onto an aluminium ladder rung, diameter between 17 and 49 mm. It is possible to extend the line beyond the last rung, thus enabling the user to be held when he is standing upright on the roof, before beginning to decend. Specify the extension height (h) required.
- A lower anchor (2A) fitted with a pretensioning spring (3A) which performs two functions :
  - Tensions the wire rope to a force of 10 kN. The turnbuckle (4A) is used to tension the wire rope, and when a tension of 10 kN is reached, the washer (5A) will turn freely. No tool is necessary for applying or controlling the tension.
  - Limits the force transmitted to the mounting structure when a fall is stopped.
  - Intermediate anchor, same as (6S).
- Wire rope, same as (7S).
- All the components of the Stopcable A are made of corrosion resistant material.

Install the Stopcable

Fig. 1

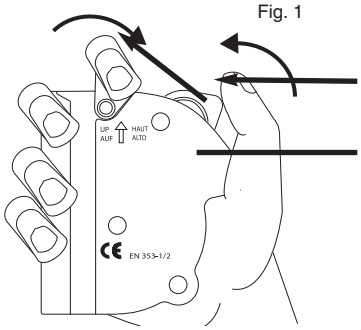


Fig. 2

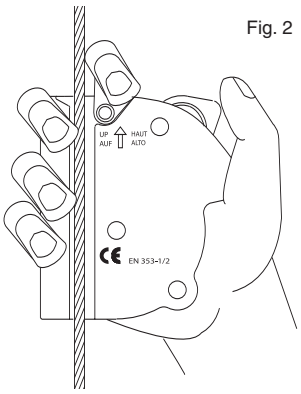


Fig. 3

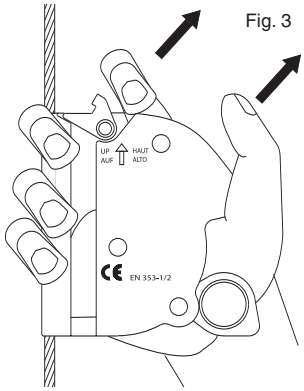


Fig. 4

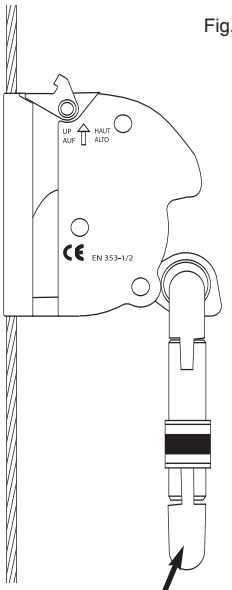


Fig. 5

• Stopcable F :

The Stopcable F fall arrester moves along the wire rope with the user without requiring any manual operation as it moves and in particular when it passes over intermediate anchors. If the user falls, the Stopfor C locks automatically on the wire rope.

The user connects the Stopcable F to the lap anchorage point on his harness (model HT 33) using an M11.

If the user wants more freedom of movement, we recommend that he chooses the Stopcable FA model which has a 30 cm lanyard with energy absorber placed between the fall arrester and the harness.

Spécifications techniques

- Stopcable F : 380 gr. (fig.4)
- Stopcable FA :450 gr. (fig.5)
- Dimensions : 88x95x18 mm
- Conforms to EN 353-1-2
- CE type examination certificate drawn up by n°89/686/CEE
- Stainless steel AISI 304

Permissible attachments

- Mounting structure
- M11 connector (EN 362)
- HT33 harness (EN 361)