

OPERATOR INFORMATION	DROPSTOP secondary safety device	T7-DS
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DROPSTOP

While lifting a load or tensioning a wire rope, the rope passes through the DROPSTOP. There is no need to operate the DROPSTOP.

For lowering the load or releasing the wire rope, the DROPSTOP is opened by lifting the operating lever upwards (fig 4)

In case of a malfunction of the hoist or a defect in the suspension wire rope (if the DROPSTOP is mounted on a separate safety wire rope) releasing the operating lever, or pulling the lever downwards, caused by panic reaction, ensures that the load is instantly and safely held.

Once the DROPSTOP has taken the load (e.g. when the operating lever is released) it cannot be opened again, so strong is its grip on the wire rope. First lift the load a little to take the load off the DROPSTOP, then you can release it again to continue lowering.

Mounting the DROPSTOP is very easy. If the Tirmaster cable puller is operating with the lifting wire rope, the DROPSTOP is mounted on the wire rope above the hoist (fig 2).

If using other wire rope, or if safety regulations require a secondary safety wire rope, fit the DROPSTOP to this secondary wire rope (fig 3).

In both cases the DROPSTOP is connected either to the load or to an anchor point with a sling or other suitable attachment. Ensure the DROPSTOP is able to align itself in the pulling direction.

To avoid dynamic shocks the DROPSTOP should not be allowed to move more than 5cm (when attached to a sling). Use a spacing device in order to keep the sling in tension when lifting.

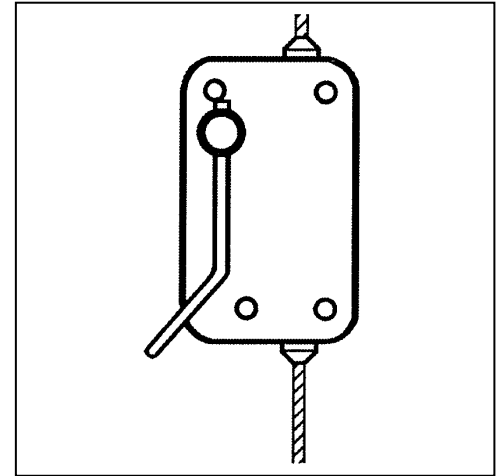


Fig 1 – Hand operated DROPSTOP

DROPSTOP

Model	Description	Wire Rope Dia
T7-DS	Secondary over speed braking device	5/16" (8 MM)

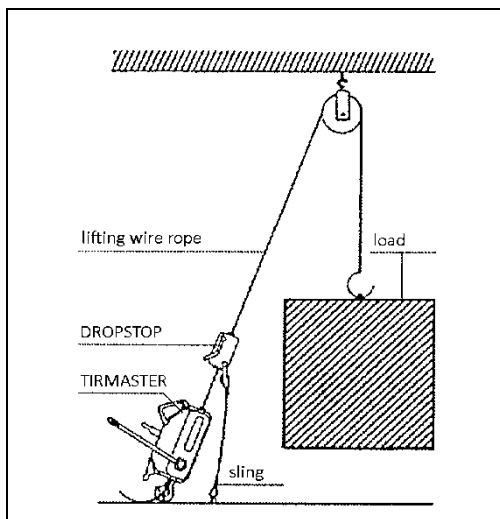


Fig 2 – DROPSTOP on lifting wire rope

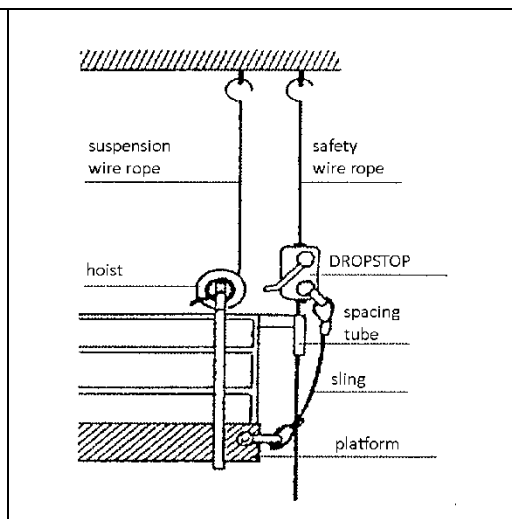


Fig 3 – DROPSTOP on safety wire rope

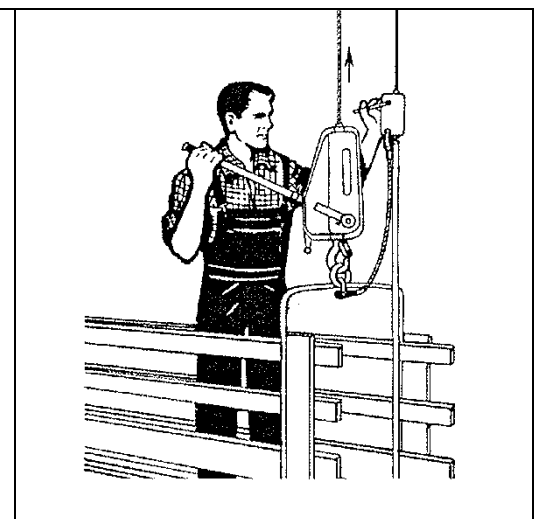


Fig 4 – Releasing the DROPSTOP whilst lowering the platform