



**(Original) Operating instructions
for steel wire ropes according to DIN EN 12385
According to Machinery Directive 2006/42/EC**

The operator must ensure that known safety regulations are additionally complied with.

Name of the machine: Steel wire rope according to DIN EN 12385

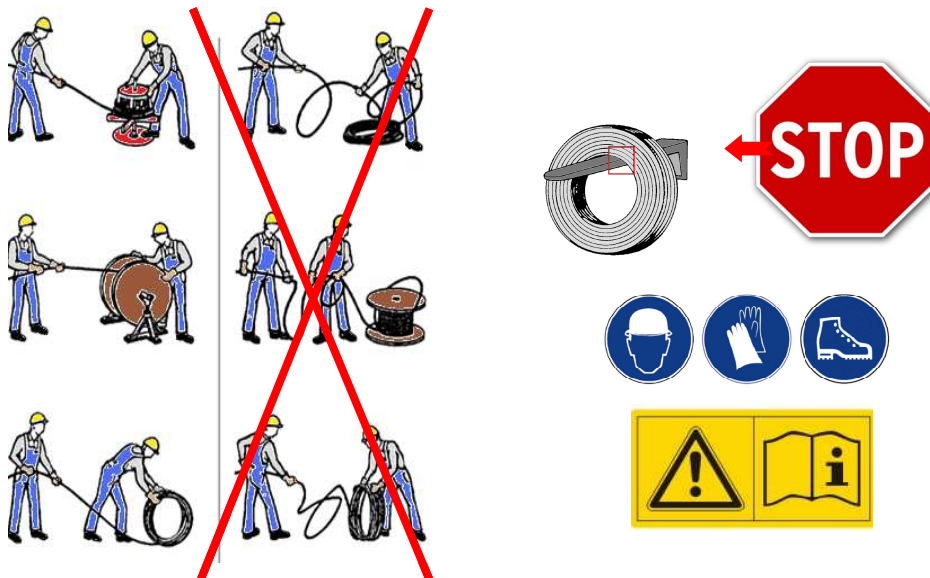
Intended use: According to DIN EN 12385, Part 4

- Transport, storage and handling of the rope right up to further processing,
assembling, installation or start-up -

Transport: Ropes must be protected against mechanical damage by appropriate means. Ensure that the cables do not come into contact with any sharp edges!

Storage: Ropes should be stored in dry, dust-free rooms and protected against mechanical damage. A storage on pallets must be avoided. Ropes must be protected from strong sunlight. The labeling of the cables must not be lost.

Handling: When handling the ropes, appropriate personal protective equipment in accordance with the operational risk assessment must be worn. When **unwinding and unrolling**, the ropes must not be contaminated or twisted, but must be rolled or wound up straight (see drawing), without developing any reverse bending. Under any circumstances should the rope be pulled sideways from the reel or coil. When **laying**, the ropes must be protected against mechanical damage and contamination. Conducting over sharp edges must be absolutely avoided!



When **separating** the rope, both sides of the cutting marks should be secured. For stranded ropes, the length of each tying should correspond to at least twice the rope diameter. Ropes should preferably be separated with a cutting grinding wheel or – for small diameter – with a wire rope cutter. When separating with a cutting grinding wheel (wear protective goggles!), adequate room ventilation must be ensured. After separating, the cable ends must be properly secured. The rope should neither be turned up or down while **drawing** into the rope drive as well as during **wrapping around** the rope reel.

**For the proper handling of the wire ropes DIN EN 12385-3 as well as VDI 2358
Section 15 should be observed in addition.**