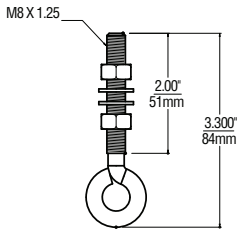


RK-Series Rope Tension Kits and Accessories

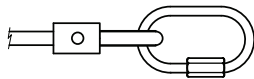
Operating Instructions for Rope Tension Kits and Accessories

RK-Series Rope Kit Hardware Contents

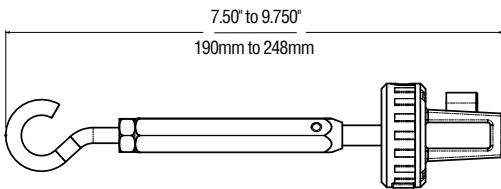
PN 44506-4710
Eye Bolt SS



Quick Link
(only available with the
RK-Series Rope Kit)



4mm Allen Wrench
(only available with
RK-Series Rope Kit)

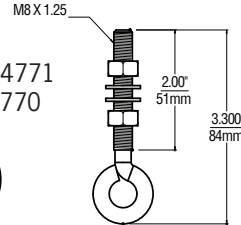


Tensioner Gripper SS
PN 44506-4700

Note: The quantity of Eye Bolts and Tension Grippers depends on the length of the RK-Rope Kit purchased.

Available Optional Hardware (can be ordered individually)

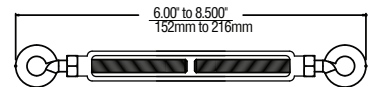
Thimble
Galv: PN 44506-4771
SS: PN 44506-4770



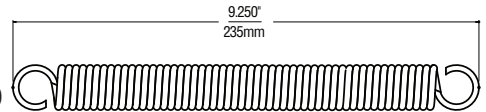
Double Loop Clip
Galv: PN 44506-4721
SS: PN 44506-4720



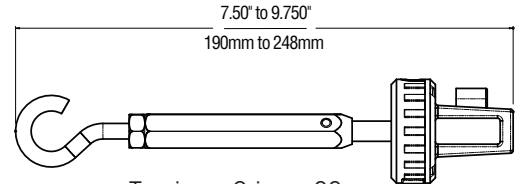
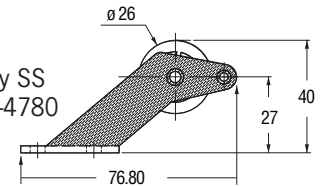
Turnbuckle
Galv: PN44506-4731
SS: PN 44506-4730



Spring SS
PN 44506-4750



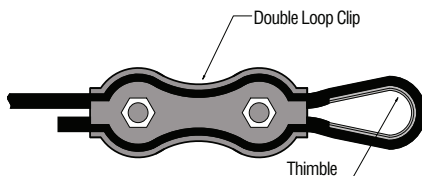
Rope Pulley SS
PN 44506-4780



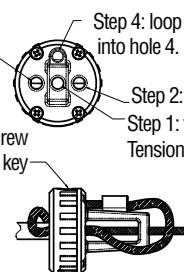
Tensioner Gripper SS
PN 44506-4700

The Double Loop Clip is used to connect to tensioning hardware or to terminate rope span.

Follow steps 1 through 5 in the illustration below to attach the wire rope to the Tensioner Gripper Assembly.

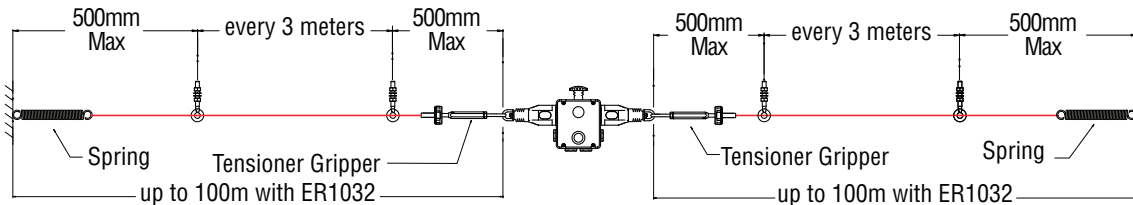
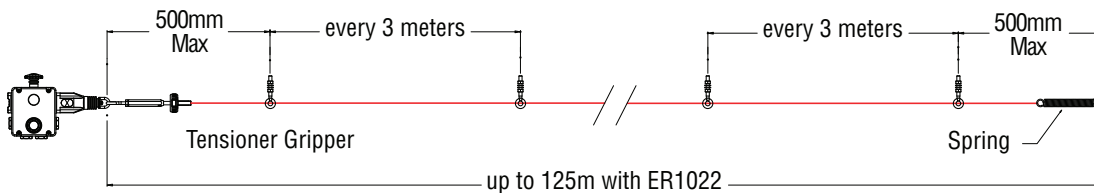
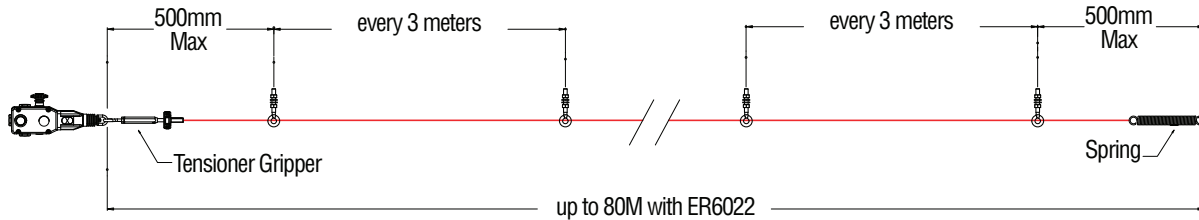
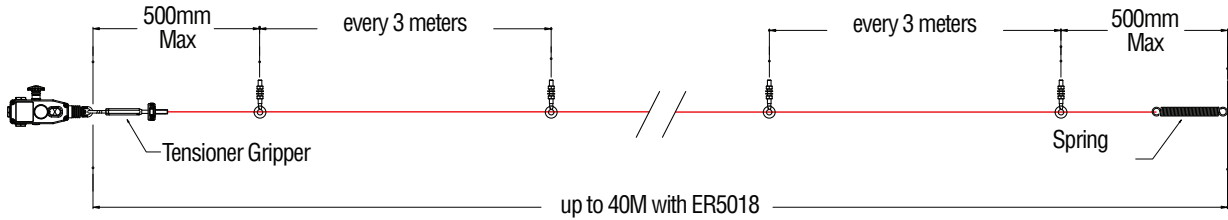


- Step 1: wire rope enters Tensioner/Gripper hole 1.
- Step 2: pass wire rope through hole 2.
- Step 3: bring wire rope back through hole 3.
- Step 4: loop wire rope and terminate into hole 4.
- Step 5: Tighten Allen head screw with M4 allen key.



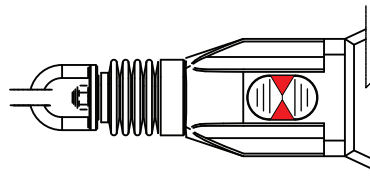
RK-Series Rope Tension Kits and Accessories

Operating Instructions for Rope Tension Kits and Accessories



Tension Indicator

Indicator shown with properly adjusted tension.



1. Installation of all Safety Rope Switch systems must be in accordance with a risk assessment for the individual application. Installation must only be carried out by competent personnel and in accordance with these instructions.

2. Rope support eyebolts must be fitted at 2.5 m. min. to 3 m. max. intervals along all rope lengths between switches. The rope must be supported no more than 500 mm from the switch eyebolt or Safety Spring (if used). It is important that this first 500 mm is not used as part of the active protection coverage.

3. Tensioning of rope is achieved by use of tensioner / gripper assemblies. Typical operational conditions for successful operation of system is less than 75 N. pulling force and less than 150 mm deflection of rope between eyebolt supports.

Note: For further detailed installation instructions and installation examples use the following link: www.sti.com/safety/index.htm (go to "Proper Installation of Rope or Wire Pull Switches")

sti[®]

Headquarters

Scientific Technologies Inc.

6550 Dumbarton Circle, Fremont CA 94555-3605 USA

Tel: 1/510/608-3400 (Int. +510/608-3400)

Fax: 1/510/744-1442

24 hour fax back system: 1/916/431-6544

E-mail: sales@sti.com

www.sti.com

European Tech Support

Tel: +49 (0) 52 58 93 87 76

Fax: +49 (0) 52 58 93 56 90

UK Sales Office

Tel: +44 (0) 1453-544-086

Fax: +44 (0) 1453-549-272

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