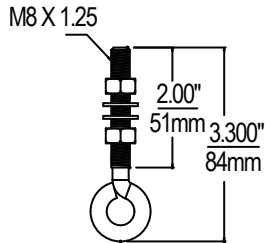


RK-Series Rope Tension Kits and Accessories

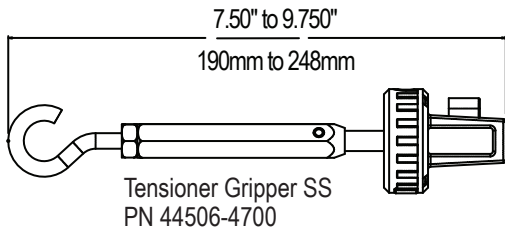
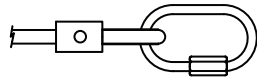
Operating Instructions for Rope Tension Kits and Accessories

RK-Series Rope Kit Hardware Contents

Eye Bolt SS
PN 44506-4710



Quick Link
(only available with the RK-Series Rope Kit for up to 50m rope span)

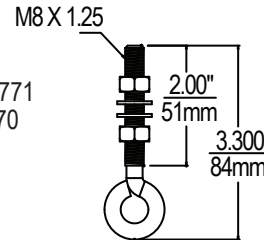


Note: See table below for quantity for each RK-Series Rope Kit

RK-Series	Quick Link	Eyebolt	Tension Gripper	Allen Wrench	Part No.
RK5, 5m Rope Kit	1	3	1	1	44506-2705
RK10, 10m Rope Kit	1	5	1	1	44506-2710
RK15, 15m Rope Kit	1	7	1	1	44506-2715
RK20, 20m Rope Kit	1	9	1	1	44506-2720
RK30, 30m Rope Kit	1	12	1	1	44506-2730
RK50, 50m Rope Kit	1	20	1	1	44506-2750
RK80, 80m Rope Kit	No	30	2	2	44506-2780
RK100, 100m Rope Kit	No	37	2	2	44506-2711
RK126, 126m Rope Kit	No	45	2	2	44506-2726

Available Optional Hardware (can be ordered individually)

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

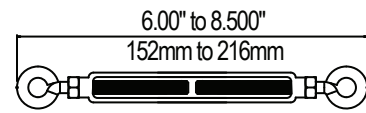


Eye Bolts
Galv: PN 44506-0720
SS: PN 44506-4710

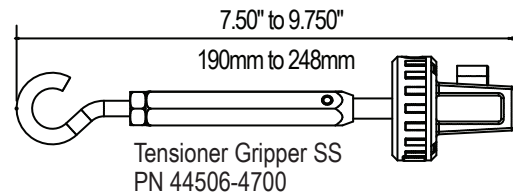
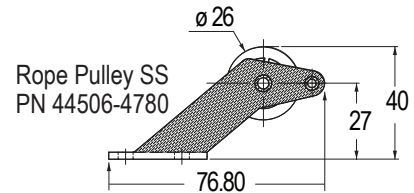
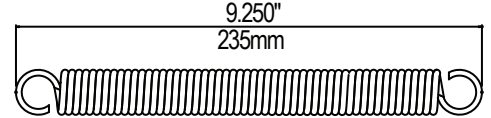
Double Loop Clip
Galv: PN 44506-4721
SS: PN 44506-4720



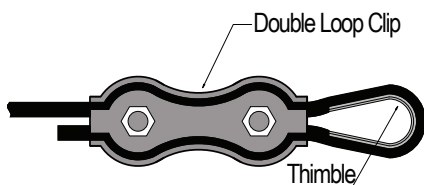
Turnbuckle
Galv: PN44506-4731
SS: PN 44506-4730



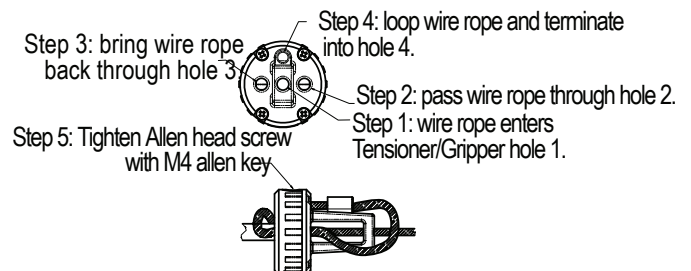
Spring
Galv: PN 44506-0730
SS: PN 44506-4750



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.



RK-Series Rope Tension Kits and Accessories

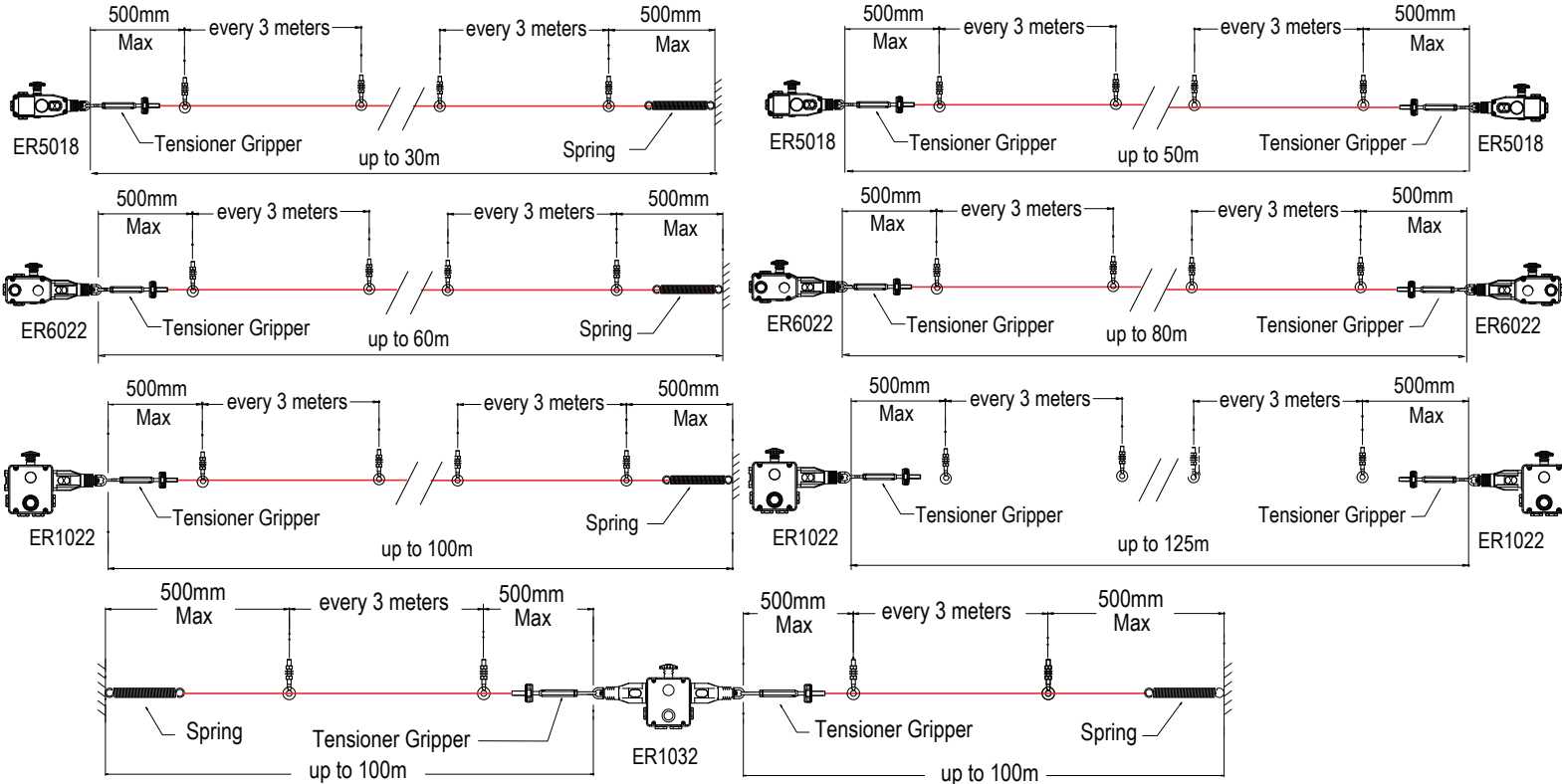
Operating Instructions for Rope Tension Kits and Accessories

Installation Guide

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")

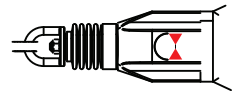
Recommended Rope Span Options and Fittings



Accessories	Material	Quantity	PN
SM06 - TK00, Tensioner Kit	Stainless Steel	Turnbuckle: 1 Rope Grips: 8 Thimbles: 4	44506-0700
SM06 - TG00, Tensioner Gripper	Stainless Steel	1	44506-4700
SM06 - EB10, Eye Bolt	Stainless Steel	8	44506-4710
SM06 - EB20, Eye Bolt	Galvanized	1	44506-0720
SM06 - DL20, Double Loop Clip	Stainless Steel	4	44506-4720
SM06 - DL21, Double Loop Clip	Galvanized	4	44506-4721
SM06 - THSS, Thimble	Stainless Steel	4	44506-4770
SM06 - THGV, Thimble	Galvanized	4	44506-4771
SM06 - TB30, Turnbuckle	Stainless Steel	1	44506-4730
SM06 - TB31, Turnbuckle	Galvanized	1	44506-4731
SM06 - SP30, Spring	Galvanized	1	44506-0730
SM06 - SP50, Spring	Stainless Steel	1	44506-4750
SM06 - RPSS, Rope Pulley	Stainless Steel	1	44506-4780

Tension Indicator

Indicator shown with properly adjusted tension.



OMRON Robotics and Safety Technologies, Inc.

4225 Hacienda Drive, Pleasanton CA 94588 USA

www.omron247.com