



HIGH-PERFORMANCE ELEVATOR ROPES

For **75+ years**, **IPH** has been manufacturing some of the highest quality wire ropes in the Americas.

As a highly vertically integrated company, **IPH** produces nearly every component of its finished wire ropes—starting with the individual strands, fiber cores, and even the wooden reels—ensuring unparalleled quality and consistency. This full control over the production process forms the back bone of **IPH**'s stringent quality control system, allowing for precise monitoring at every stage.

With a strong engineering team, **IPH** also offers custom rope designs tailored to meet the unique requirements of specific elevator systems.

This section highlights **IPH**'s most common elevator cables, designed for exceptional durability and performance. Additional sizes and specifications are available upon request.

CHOOSING THE RIGHT WIRE ROPE

Selecting the right wire rope is essential for ensuring optimal performance, safety, and longevity in elevator systems. While building type and elevator speed are important, other factors such as load requirements, drive sheave configuration, rope construction, and environmental conditions also play a critical role.

WIRE ROPE				
HIGH-RISE			✓	✓
MID-RISE		✓	✓	✓
LOW-RISE	✓	✓		
HIGH SPEED			✓	✓
NORMAL SPEED	✓	✓		

**HIGH-PERFORMANCE ELEVATOR ROPES**

For more than **75 years**, **IPH** has manufactured some of the highest-quality wire ropes in the Americas. As a highly vertically integrated company, **IPH** produces nearly every component of its finished wire ropes—from drawing individual wires and producing natural and synthetic fiber cores to manufacturing the wooden and steel reels used for shipping—ensuring exceptional quality, consistency, and traceability.

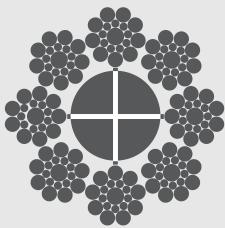
This level of control over the manufacturing process forms the backbone of **IPH**'s rigorous quality control system, enabling precise monitoring at every stage of production. Supported by a strong engineering team, **IPH** also offers custom rope designs tailored to the specific requirements of individual elevator systems.

This section highlights **IPH**'s most common elevator cables, engineered for durability, reliability, and long service life. Additional sizes and specifications are available upon request.

CHOOSING THE RIGHT WIRE ROPE

Selecting the right wire rope is essential for ensuring optimal performance, safety, and longevity in elevator systems. While building type and elevator speed are important, other factors such as load requirements, drive sheave configuration, rope construction, and environmental conditions also play a critical role.

WIRE ROPE	819E	819SR	819FS	921S
HIGH-RISE			✓	✓
MID-RISE		✓	✓	✓
LOW-RISE	✓	✓		
HIGH SPEED			✓	✓
NORMAL SPEED	✓	✓		



IPH 819PS

Pre-Stretch 8x19 Traction Steel
with Natural Fiber Core

Advantages and features

- **Faster, Smoother Installations** - Ropes hold their length more consistently, making initial setup easier and reducing elevator adjustment time.
- **Less Stretch After Installation** - Pre-stretched ropes settle faster - meaning less time spent re-tensioning after the elevator is put into service.
- **Better Ride Quality from Day One** - Because the ropes don't shift or stretch unpredictably, the elevator starts running smoothly right after install no break-in period needed.
- **Fewer Rope Shortenings** - Since the rope doesn't elongate as much, you avoid extra service calls to remove slack or adjust counterweights.
- **Lower Long-Term Maintenance Costs** - Pre-stretched ropes help maintain tension and alignment, which reduces wear on sheaves, grooves, and rope ends.
- **Ideal for High-Rise and High-Traffic Systems** - In tall buildings or busy elevators, minimizing downtime is critical. Pre-stretched ropes help keep the system running reliably with less intervention.

MEGA IS THE EXCLUSIVE DISTRIBUTOR FOR IPH PRE-STRETCH ROPES

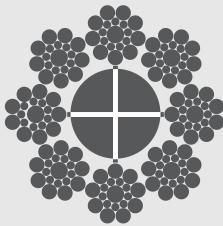
PRE-STRETCH TRACTION STEEL 8x19

MEGA Stock Code	Diameter		Lay Type	Tensile Strength	Min. Breaking Load	Weight
	inches	mm				
81-111-IPH	3/8"	9.5	RRL	1370 / 1770	9,300	0.206
81-211-IPH	1/2"	12.7	RRL	1370 / 1770	16,700	0.368
81-311-IPH	5/8"	16	RRL	1370 / 1770	26,500	0.585

PRE-STRETCH EXTRA HIGH STRENGTH 8x19

MEGA Stock Code	Diameter		Lay Type	Tensile Strength	Min. Breaking Load	Weight
	inches	mm				
81-213-IPH	1/2"	12.7	RRL	1770	18,800	0.368
81-313-IPH	5/8"	16	RRL	1770	29,900	0.585

This catalog shows a sample of our product offering. Please call if you have additional requirements.



IPH 819E

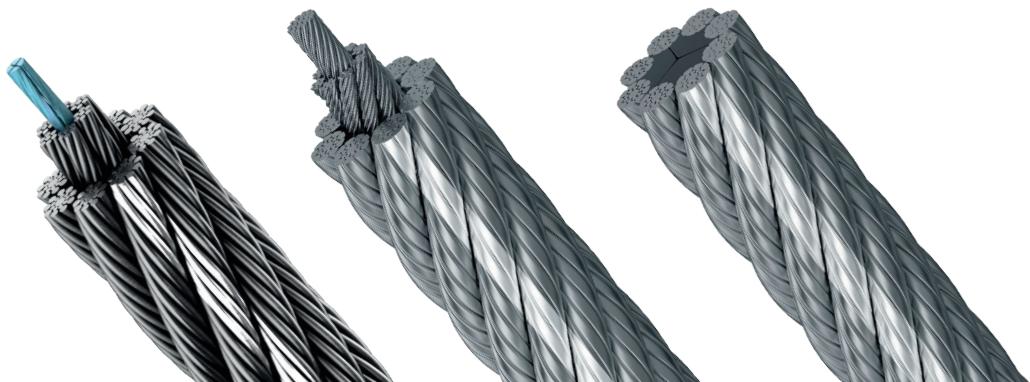
8x19 Traction Steel
with Natural Fiber Core

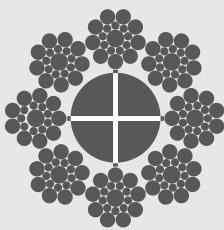
Advantages and features

- High-density natural fiber core (sisal) with precise diameter control for superior stability.
- Lubricated core and strands to maximize performance and service life.
- Excellent resistance to bending fatigue, ideal for high-cycle elevator applications.
- Consistent rope diameter ensures smooth, quiet operation-free from vibration and runout.
- Factory-applied traction lubricant optimized for elevator sheaves.
- Dual tensile wire construction:
 - Inner wires (1770 N/mm^2) provide high load resistance.
 - Outer wires (1370 N/mm^2) minimize sheave wear and extend component life.

MEGA Stock Code	Diameter		Lay Type	Tensile Strength N/mm ²	Min. Breaking Load lbs	Weight lb/ft
	inches	mm				
81-001B-IPH	3/8"	9.5	RRL	1370 / 1770	9,300	0.206
81-006B-IPH	-	10	RRL	1570	10,300	0.228
81-007A-IPH	7/16"	11	RRL	1370 / 1770	12,500	0.276
81-002A-IPH	1/2"	12.7	RRL	1370 / 1770	16,700	0.368
81-038A-IPH	9/16"	14.3	RRL	1370 / 1770	22,300	0.460
81-003B-IPH	5/8"	16	RRL	1370 / 1770	26,500	0.585
81-039A-IPH	11/16"	17.5	RRL	1570	31,700	0.699
81-013A-IPH	3/4"	19	RRL	1370 / 1770	37,300	0.827
81-119F-IPH	7/8"	22	RRL	1370 / 1770	50,100	1.109
81-120A-IPH	1"	25.4	RRL	1370 / 1770	66,800	1.478

This catalog shows a sample of our product offering. Please call if you have additional requirements.





IPH 819E-EHS

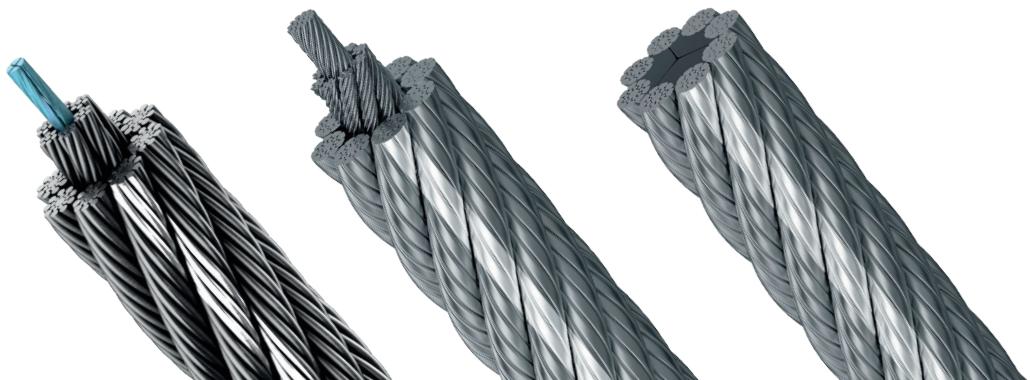
8x19 Extra High Strength
with Natural Fiber Core

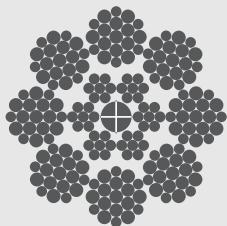
Advantages and features

- **Higher Load Capacity** - Extra high strength (EHS) wires (1770 N/mm²) improve rope performance and durability under heavy loads.
- **Extended Fatigue Life** - Engineered to resist bending fatigue in high-cycle elevator applications.
- **Precision Diameter Control** - Ensures smooth traction, quiet operation, and consistent ride quality.
- **Minimized Sheave Wear** - Optimized contact surface reduces abrasion and prolongs the life of traction sheaves.
- **Sheave Compatibility Required** - Extra high strength (EHS) ropes must only be used with properly hardened traction sheaves; using EHS ropes on soft or worn sheaves can accelerate wear, reduce traction performance, and compromise rope life.

MEGA Stock Code	Diameter		Lay Type	Tensile Strength	Min. Breaking Load	Weight
	inches	mm				
ELWIA0308DBBA0	3/8"	9.5	RRL	1770	10,500	0.206
81-002C-IPH	1/2"	12.7	RRL	1770	18,800	0.368
81-038B-IPH	9/16"	14.3	RRL	1770	23,800	0.460
81-003C-IPH	5/8"	16	RRL	1770	29,900	0.585
81-039D-IPH	11/16"	17.5	RRL	1770	35,700	0.699

This catalog shows a sample of our product offering. Please call if you have additional requirements.





IPH 819SR

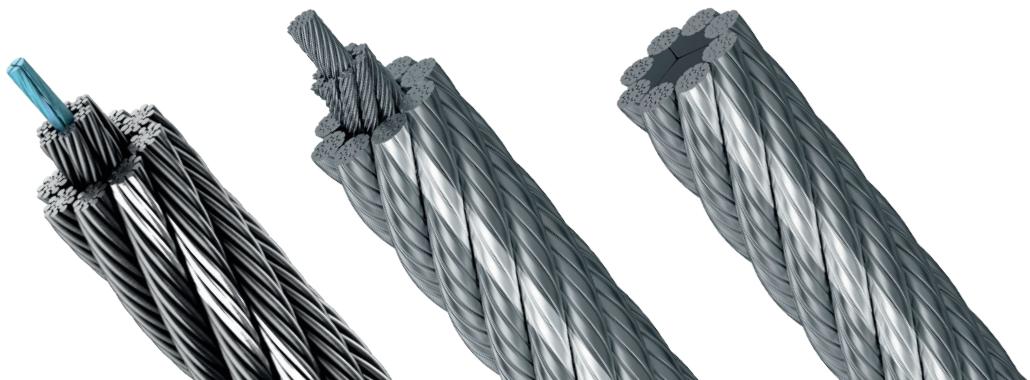
8x19 Steel-Reinforced
with Natural Fiber Core

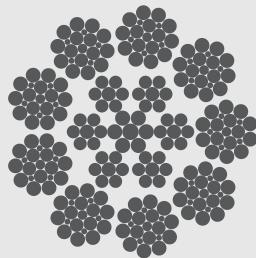
Advantages and features

- Special steel reinforced fiber core provides both flexibility and good elastic properties (low elongation).
- Good resistance to bending fatigue and abrasion.
- High breaking load.
- Excellent diameter stability, minimizes vibrations and noise.

MEGA Stock Code	Diameter		Lay Type	Tensile Strength N/mm ²	Min. Breaking Load lbs	Weight lb/ft
	inches	mm				
ELWIFO308BBBAO	3/8"	9.5	RRL	1570	12,800	0.252
81-002L-IPH	1/2"	12.7	RRL	1570	22,700	0.450
81-003L-IPH	5/8"	16	RRL	1570	36,200	0.713

This catalog shows a sample of our product offering. Please call if you have additional requirements.





IPH 921S

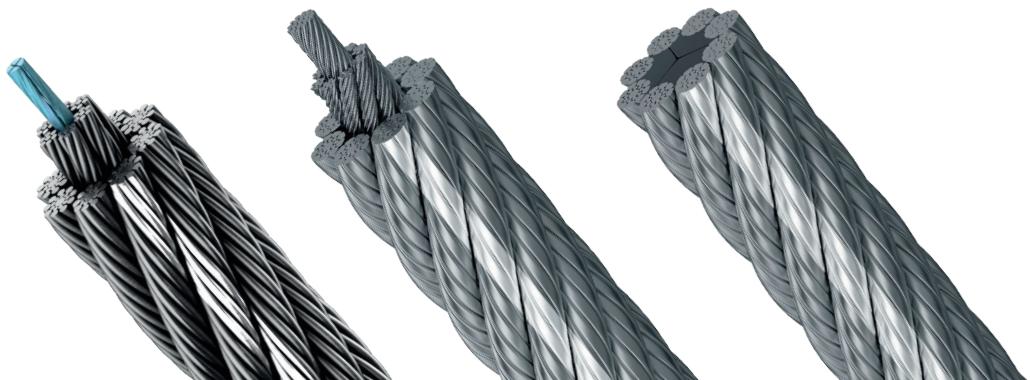
9x21 IWRC
with Steel Core

Advantages and features

- 9 strand configuration with steel core provides a highly rounded surface.
- Increasing the number of wires makes rope more flexible.
- Decreases contact pressure on groove with less sheave wear.
- Increase of bending fatigue resistance.

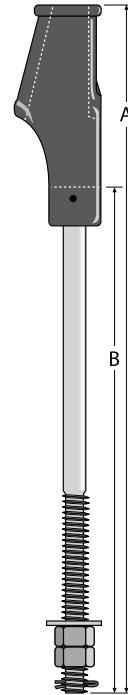
MEGA Stock Code	Diameter		Lay Type	Tensile Strength N/mm ²	Min. Breaking Load lbs	Weight lb/ft
	inches	mm				
ELWIE0100BOCAO	-	10	RRL	1570	15,100	0.282
81-002H-IPH	1/2"	12.7	RRL	1570	24,300	0.450
81-009C-IPH	-	13	RRL	1570	25,400	0.477
81-003I-IPH	5/8"	16	RRL	1570	38,700	0.719
81-039F-IPH	11/16"	17.5	RRL	1570	46,300	0.860
81-099D-IPH	-	18	RRL	1570	49,000	0.907
ELWIE0190NGBAO	3/4"	19	RRL	1570	54,400	1.015
81-119E-IPH	7/8"	22	RRL	1570	73,100	1.357

This catalog shows a sample of our product offering. Please call if you have additional requirements.



WIRE ROPE WEDGE SOCKETS

MEGA Stock Code	Rope Size		Total Length inches - Dim (A)	Rod Length inches - Dim (B)
	inches	mm		
ELHWSY-38-12	3/8"	9 - 10	17-1/2"	12-19/32"
ELHWSY-38-18	3/8"	9 - 10	23-3/4"	18-7/8"
ELHWSY-38-24	3/8"	9 - 10	30-1/8"	24-3/16"
ELHWSY-12-12-A	7/16" - 1/2"	11 - 13	18"	12-19/32"
ELHWSY-12-18-B	7/16" - 1/2"	11 - 13	24-3/8"	18-7/8"
ELHWSY-12-24-B	7/16" - 1/2"	11 - 13	30-5/8"	24-3/16"
ELHWSY-12-30-B	7/16" - 1/2"	11 - 13	36-7/8"	30-1/2"
ELHWSY-12-36-B	7/16" - 1/2"	11 - 13	43-1/4"	36-13/16"
ELHWSY-58-12	9/16" - 5/8"	14 - 16	19-3/4"	12-19/32"
ELHWSY-58-18	9/16" - 5/8"	14 - 16	26-1/8"	18-7/8"
ELHWSY-58-24	9/16" - 5/8"	14 - 16	32-3/8"	24-3/16"
ELHWSY-58-36	9/16" - 5/8"	14 - 16	45"	36-13/16"
ELHWSY-34-18	11/16" - 3/4"	15.7 - 19	27-1/2"	18-7/8"
ELHWSY-34-24	11/16" - 3/4"	15.7 - 19	33-3/4"	24-3/16"
ELHWSY-34-30	11/16" - 3/4"	15.7 - 19	39-3/4"	30-1/2"
ELHWSY-34-36	11/16" - 3/4"	15.7 - 19	46-1/4"	36-13/16"



Each wedge socket consists of the socket, rod, wedge, 2 nuts, 1 washer, 1 cotter pin and 2 retaining clips.

WEDGE SOCKET SPRING SET

MEGA Stock Code	Size		Spring Length inches	Spring O.D. inches	Spring I.D. inches
	inches	mm			
ELHWS-SA-38	5/16" - 3/8"	8 - 10	4-13/16"	1-5/16"	11/16"
ELHWS-SA-12-A	7/16" - 1/2"	11 - 13	6-1/8"	1-15/16"	1"
ELHWS-SA-58	9/16" - 5/8"	14 - 16	6-7/8"	2-1/2"	1-1/4"



Spring assemblies include 1 spring, 3 bushings and 2 washers. They DO NOT include the wedge socket.



REEVING SPLICES

Advantages and features

- Saves time on installs
- Applies quickly without need of special tools
- Designed to hold working loads from zero to 2,000 lbs.
- Splices maintain a constant, positive grip, even when ropes go slack
- Allow easy passage over and under sheaves
- Designed for use on Steel Elevator wire rope

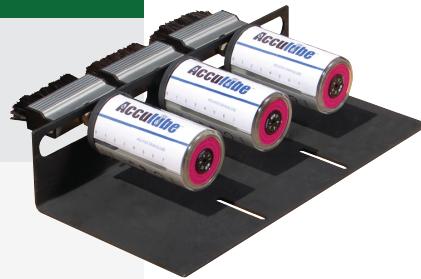
MEGA Stock Code	Rope Size		Length		Overall Diameter		Color Code
	inches	mm	inches	mm	inches	mm	
RS-2102	5/16"	8	19"	483	0.415"	10.54	Green
RS-2103	3/8"	9	22"	558	0.477"	12.11	Yellow
RS-2104	7/16"	11	25"	635	0.539"	13.71	Red
RS-2105	1/2"	12	29"	736	0.640"	16.25	Orange
RS-2106	9/16"	14	32"	812	0.702"	17.83	Yellow
RS-2107	5/8"	15	36"	914	0.797"	20.24	Black
RS-2108	11/16"	17	40"	1016	0.887"	22.52	Red
RS-2109	3/4"	19	42"	1066	0.950"	24.13	Green
RS-2110	13/16"	20	46"	1168	1.036"	26.31	Yellow
RS-2111	7/8"	22	50"	1270	1.113"	28.27	Blue
RS-2112	1"	25	56"	1422	1.238"	31.44	Orange



Note: Reeving Splices are not designed or intended for full strength applications. The purpose of their application is for replacing ropes, not for a permanent splice installation. Use ONLY once, then discard. Use ONLY for right lay ropes.

ACCOLUBE™ AUTOMATIC ROPE LUBRICATOR AND CLEANER KIT

MEGA Stock Code	Description
ELKACCULUBE 200	Automatic rope lubricator/cleaner kit, with three brushes (210 mm • 8.25 inch span), bracket and reservoirs filled with Drakalube wire rope treatment
ELKACCULUBE 300	Automatic rope lubricator/cleaner kit, with three brushes (300 mm • 11.8 inch span), bracket and reservoirs filled with Drakalube wire rope treatment
ELHSLX125 DRAKALUBE	Replacement lubricator reservoir, filled with Drakalube
ELH2036	One replacement 70 mm • 2.75 inch brush for Acculube 200
ELH2037	One replacement 100mm • 3.94 inch brush for Acculube 300



The Acculube automatic rope lubricator/cleaner is a set-and-forget way of efficiently lubricating traction ropes for up to a year.

The unit is quickly and easily assembled in the machine room. Simply install it so that the brushes are in contact with the ropes, set the canisters to the proper time setting for your application (one year for standard indoor elevators, six months for exterior or high-contaminant environments) and walk away knowing that your hoist ropes are being consistently treated and cleaned as the elevator operates.

The lubricator canisters come pre-filled with our specially-formulated Drakalube™ rope treatment. Please note that if your ropes are dirty, there will be greasy residue at the unit for a short while as the Acculube unit does its job. DO NOT attempt to refill the canisters. Contact Drakalube EHC for new canisters once depleted.

Features

- Labor and time-saving way to keep ropes lubricated
- No oil spills or splashes in the machine room or the car
- Easy installation
- Constant, reliable lubricant application
- Ropes are continually cleaned by the brushes

DRAKALUBE™ WIRE ROPE TREATMENT / LUBRICANT

MEGA Stock Code	Description
ELHWR-DRAKALUBE	Drakalube wire rope treatment / lubricant, one gallon jug

Drakalube wire rope treatment / lubricant has been specifically formulated to fight bending stresses, high groove pressures and moisture. Drakalube has additives that protect against corrosion, wear and most importantly, it can also displace moisture in the rope core.



ROPE CHANGE OUT TOOL KIT

Rope Change Out Tool is a USA made tool that enables you to replace a maximum of 9 wire ropes safely and efficiently. Specify cable clip size and number of ropes when placing an order. You must use an extension bracket if you have 6 or more ropes.

Ref	MEGA Stock Code	Description	Weight (lb)
A&B	60-800	Includes (1) #60-800-01, (1) #60-800-02; Designed for 8-lb rails & 6 ropes	96
B	60-800-01	Live End Cable Support Bracket for 8-lb rails	45
A	60-800-02	Dead End Cable Support Bracket for 8-lb rails	51
A	60-820	2:1 Rope Change Out Tool Designed for Both 12-lb and 15-lb Rails	75
B	60-820-01	Live End Cable Support Bracket for 12-lb (T127-1) and 15-lb Rails (T127-2)	50



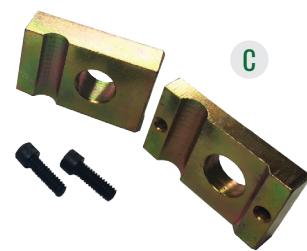
EXTENSION KIT TO USE WITH 7-9 ROPES

Ref	MEGA Stock Code	Description	Weight (lb)
F&G	60-810	Includes (1) 60-810-01 & (1) 60-810-02	23/10
F	60-810-01	Live End Extension Bracket	10/5
G	60-810-02	Dead End Extension Bracket	13/6



CABLE CLIPS FOR ROPE CHANGE OUT TOOL

Ref	MEGA Stock Code	Description	Weight (lb)
C	60-800-03	5/16" (8-mm) Cable Clip Assembly	0.96
C	60-800-04	3/8" (10-mm) Cable Clip Assembly	0.95
C	60-800-05	7/16" (11-mm) Cable Clip Assembly	0.94
C	60-800-06	1/2"(12mm-13mm) Cable Clip Assembly	0.92
C	60-800-08	9/16" (14mm) Cable Clip Assembly	0.91
C	60-800-09	5/8" (16-mm) Cable Clip Assembly	1.05
C	60-800-10	11/16" (18mm) Cable Clip Assembly	1.04
C	60-800-11	3/4" (19mm) Cable Clip Assembly	1.01



ROPE SHORTENING CLAMP

Rope Shortening Clamp is designed to allow the user to lift the elevator car by clamping onto the hoist ropes directly above the hitch plate. Once the Shortening Clamp is in place, a hoist can be attached between it and the crosshead. Slack can then be created in the hoist ropes, allowing for easy shortening of the rope at the hitch plate. Each rope is gripped with two (2) cast clamps, which have spiral edges in one groove.

CAUTION: To prevent the cable from slipping, be sure the Shortening Clamp is positioned with serrated ridges on each rope.

MEGA Stock Code	No. of Ropes	Size		Capacity
		inches	mm	
16-284	8	5/16	7-8	10000
16-288	8	3/8	9-10	10000
16-287	8	7/19	11	10000
16-285	8	1/2 -9/16	12/14	10000
16-286	8	5/8-11/16	15-17	10000
16-289	8	3/4	18-20	10000



ALUMINUM ROPE SHORTENING BAR

The Aluminum Rope Shortening Bar designed by MEGA provides a safe and reliable solution for wire ropes shortening. After securing the roebling clamps, the bar is positioned directly under them. Hoists can then be connected to the links on the bar. It's a straightforward design ensures quick and easy installation, making wire rope shortening more efficient.



MEGA Stock Code	No. of Ropes	Size		Capacity
		inches	mm	
SBA-24	8	Refer to*	Refer to*	25000
SBA-32	10	Refer to*	Refer to*	25000

Note: *for SBA-24 & SBA-32 order Roebling Clamps separately

ROEBLING CLAMP

Roebling Clamp assemblies securely clamps onto two ropes. The ropes resist slipping through the clamp because the spiral ridges cast into the grooves. Each assembly includes hardware similar to the image below. The maximum safe working load per rope is 600 lb.

Key Features

- New design! Now available in metric.
- 600-lb maximum safe working load per rope.
- Also available on our Shortening Clamps 16-280 series). Non-symmetric hole pattern to prevent incorrect assembly (16-052, 16-053, 16-054, 16-055, 16-056, 16-057, 16-058 only).
- Hardware varies for each assembly.
- Inspect hardware for defects/deformation before each use.



MEGA Stock Code	Size		Tourque Requirement	Weight
	inches	mm		
16-052	7/16	11	80	4
16-053	7/8	22	80	7.5
16-054	3/8	9-10	80	3.5
16-055	1/2-9/16	12-14	80	4
16-056	5/16	7-8	80	2.5
16-057	3/4	18-20	80	4.6
16-058	5/8-11/16	15-17	80	5

WIRE ROPE HYDRAULIC CABLE CUTTER

MEGA Stock Code	Description
JSH-20	Modern Style, Compact, Lightweight, Hydraulic wire rope cutter Cuts wire rope sizes up to 3/4 in.
S-32	Modern Style, Compact, Lightweight, Hydraulic wire rope cutter Cuts wire rope sizes up to 1-1/4 in.



WIRE ROPE MEASURING GAUGE

MEGA Stock Code	Description
WR-MT	Wire rope measuring gauge, for imperial sizes, go/no go style, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 in.
WR-MT-METRIC	Wire rope measuring gauge, for metric sizes, go/no go style, 6, 8, 10, 11, 12, 13, 16 and 19 mm



If the rope fits in the groove, or if a rope with rouge fits the stepped groove, retire the rope. Measurements based on ASME 17.6. Machined aluminum.

WIRE ROPE QUICK-BALANCE TENSION METER

MEGA Stock Code	Description
WR-QBTM-2	Wire rope tension measurement meter, 10000 lb/45 kN/4500 kg range



The Quick-Balance tension meter can be attached to a rope, used to measure tension and removed in just seconds. The digital load cell assures accuracy of up to +/- 3%. The meter is shipped from the factory with 1/2 in. • 12.7 mm, 9/16 in. • 14 mm and 5/8 in. • 16 mm diameter calibrations (other diameters are available by special order). The included sheave set accommodates wire diameters of 1/4 in. to 3/4 in.

WIRE ROPE DIGITAL CALIPER WITH CASE

MEGA Stock Code	Description
WR-CALIPER-C	Digital wire rope caliper, dual range (imperial and metric scales), includes special jaws for ease of use and rigid case

