Pulling Grips

Underground Pulling

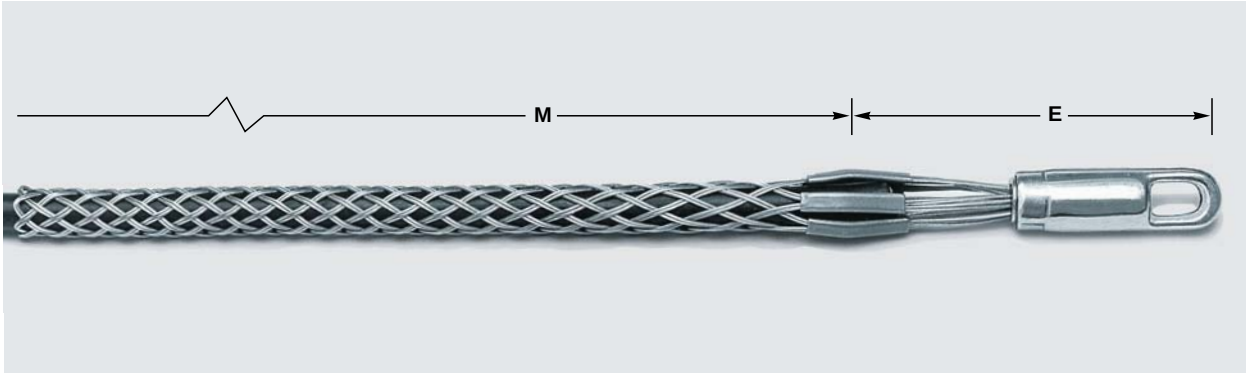
Rotating Eye, Double Weave, Galvanized Steel

K-Type Grips

IMPORTANT!
It is important that you read all breaking strength, safety and technical data relating to this product on pages T-17 through T-27.

K-Type Grips

Kellems® Rotating Eye, K-Type Pulling Grips are made of high strength galvanized steel strand. All Grips feature double weave mesh for greater strength and added mesh contact on the cable, to handle longer or heavier pulling jobs. The forged eye mates easily with a swivel or shackle.



K-Type Grips

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	E Inches (cm)	M Inches (cm)	Rotating Eye Diameter Inches (cm)	Catalog Numbers
Short					
.50"-.61" (1.27-1.55)	5,600 (24,909)	5" (12.70)	11" (27.94)	7/8" (2.22)	**03301001**
.62"-.74" (1.57-1.88)	6,800 (30,246)	5" (12.70)	11" (27.94)	7/8" (2.22)	**03301002**
.75"-.99" (1.90-2.51)	6,800 (30,246)	6" (15.24)	20" (50.80)	1" (2.54)	**03301013**
1.00"-1.24" (2.54-3.15)	12,800 (56,934)	7" (17.78)	20" (50.80)	1 3/8" (3.49)	**03301014**
1.25"-1.49" (3.17-3.78)	12,800 (56,934)	7" (17.78)	21" (53.34)	1 3/8" (3.49)	**03301016**
1.50"-1.99" (3.81-5.05)	16,400 (72,941)	7" (17.78)	25" (63.50)	1 3/8" (3.49)	**03301017**
2.00"-2.49" (5.08-6.32)	27,200 (120,986)	8" (20.32)	26" (66.04)	1 5/8" (4.13)	**03301018**
2.50"-2.99" (6.35-7.59)	33,000 (146,784)	10" (25.40)	28" (71.12)	1 7/8" (4.76)	**03301019**
3.00"-3.49" (7.62-8.86)	41,000 (182,368)	10" (25.40)	30" (76.20)	1 7/8" (4.76)	**03301020**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	10" (25.40)	32" (81.28)	1 7/8" (4.76)	**03301021**
4.00"-4.49" (10.16-11.40)	48,000 (213,504)	10" (25.40)	33" (83.82)	1 7/8" (4.76)	**033011017**
Standard					
.50"-.61" (1.27-1.55)	5,600 (24,909)	5" (12.70)	16" (40.64)	7/8" (2.22)	**03301011**
.62"-.74" (1.57-1.88)	6,800 (30,246)	5" (12.70)	16" (40.64)	7/8" (2.22)	**03301012**
.75"-.99" (1.90-2.51)	9,600 (42,701)	6" (15.24)	32" (81.28)	1" (2.54)	**03301024**
1.00"-1.49" (2.54-3.78)	16,400 (72,947)	7" (17.78)	33" (83.82)	1 3/8" (3.49)	**03301025**
1.50"-1.99" (3.81-5.05)	16,400 (72,947)	7" (17.78)	34" (86.36)	1 3/8" (3.49)	**03301026**
2.00"-2.49" (5.08-6.32)	27,200 (120,986)	9" (22.86)	36" (91.44)	1 5/8" (4.13)	**03301027**
2.50"-2.99" (6.35-7.59)	33,000 (146,784)	10" (25.40)	38" (96.52)	1 7/8" (4.76)	**03301028**
3.00"-3.49" (7.62-8.86)	41,000 (182,368)	10" (25.40)	39" (99.06)	1 7/8" (4.76)	**03301029**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	10" (25.40)	41" (104.14)	1 7/8" (4.76)	**03301030**
4.00"-4.49" (10.16-11.40)	48,000 (213,504)	10" (25.40)	42" (106.68)	1 7/8" (4.76)	**03301031**
4.50"-4.99" (11.43-12.67)	48,000 (213,504)	10" (25.40)	58" (147.32)	1 7/8" (4.76)	**03301039**
5.00"-5.99" (12.70-15.21)	48,000 (213,504)	10" (25.40)	60" (152.40)	1 7/8" (4.76)	**03301047**
6.00"-6.99" (15.24-17.75)	48,000 (213,504)	10" (25.40)	66" (167.64)	1 7/8" (4.76)	**03301045**

E-Eye length M-Mesh length at nominal diameter

Note: Refer to page T-26 for multiple cables in a single pulling grip.

Kellems Pulling Grips are reusable tools for pulling electrical cable, bare conductor or rope. They are easy and fast to install, providing the user with a smooth, slim profile that allows for easy passage through ducts, conduit, blocks and sheaves. Kellems Pulling Grips are made of the highest quality galvanized steel strand which assures the user of a long lasting grip. There is a Kellems Pulling Grip for every pulling job.

Caution: It is very important to comply with all of the following precautions. Failure to do so may result in property damage, personal injury or death.

1. Pulling grips are to be installed by a qualified individual in accordance with all applicable national and local safety, electrical and rigging codes.
2. Ensure that the correct grip is selected for your specific needs.
3. Do not use a pulling grip for any application other than pulling cable.
4. Thoroughly examine the grip for damage. Do not use a damaged grip.
5. Ensure that the recommended work load of the grip is suitable for the application. Never use grips at their approximated rated breaking strength. A safety factor of 5 is recommended for pulling grips.
6. Do not alter grips in any way. For example, do not modify pulling eyes, shoulders, fittings or lugs.
7. Do not attach any type of pulling hardware to any point on the grip other than the pulling eye. The pulling eye is the only acceptable means of attachment to external hardware.
8. Always apply 2 bands at 1” and 2” respectively, from the tail end of the mesh to guard against accidental release of the grip. Accidental release can occur if an object contracts and pushes against the tail end of the mesh, thereby expanding and releasing it’s hold.

Select The Correct Pulling Grip

Each Kellems Grip is designed to work on a specific range of cable diameters.

Step 1	Refer to the chart below to determine the style of grip best suited for your application.
Step 2	Determine your cable outside diameter.
Step 3	Find the grip size that encompasses your cable diameter.
Step 4	Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to insure that the grip will be strong enough. Refer to page T-18 for safety and working load factors.

Pulling Grip Selection Chart

Grip Style	Application	Page Numbers
DUA-PULL®, flexible eye	Extra high strength overhead transmission line stringing for bare or insulated conductor and synthetic rope.	T-6
Multiple strength, flexible eye	Normal overhead transmission and distribution line stringing, for bare or insulated conductor.	T-7
Multiple strength, forged eye	Normal overhead transmission and distribution line stringing, for bare or insulated conductor.	T-7
K-type grip, forged eye	Underground power cables and communication lines. Service lines into factories.	T-8
T-type grip, flexible eye	Underground power cables and communication lines. Service lines into factories.	T-9
Non-conductive flexible eye	Pull insulated distribution cable into place.	T-10
Universal slack, closed mesh	Remove underground cable. For pulling slack in final placement of new cable when end of cable is available.	T-10
Universal slack split mesh, rawhide lace closing	Remove underground cable. For pulling slack in final placement of new cable when end of cable is not available.	T-11
Universal slack, split mesh, rod closing	Remove underground cable. For pulling slack in final placement of new cable when end of cable is not available, with rod closing for quick installation.	T-11
Light duty, flexible eye	Light pulling, underground electrical construction. Industrial plant wiring and rewiring jobs.	T-12
Junior, flexible eye	Connect bundled insulated building wire to a pulling tape. Pull wire through conduit.	T-12
Regular and rotating wire rope	Restring wire rope in cranes and oil rigs.	T-13
Splicing	Temporary splice for cable or wire rope.	T-14
Accessories	Tools, bands, swivels, links.	T-15, T-16
Fiber Optic Cable Pulling Grips	Pull fiber optic cable into place overhead, underground or through duct and conduit.	T-50, T-51, T-52