

# Installation of KELLEMS® Light Duty Pulling Grips

PATENTED

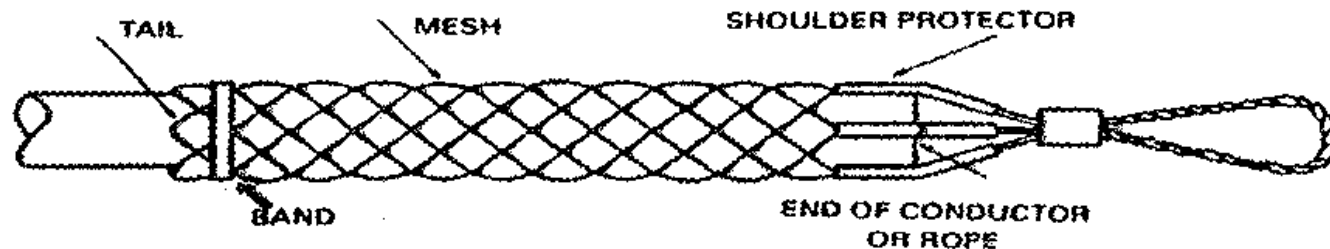
The following steps should be taken to assure proper assembly of Kellems LIGHT DUTY Pulling Grips.

1. Using black, vinyl electrical tape, tape the end of the conductor or cable bundle two or three layers tightly wrapped covering the cable end approximately 1-1/2 inches. This prevents unlaying during assembly.
2. Assemble the grip so the cable end or cable bundle end is inserted up to the bend in the shoulder protectors (as shown below).
3. All slack should be ironed out of the mesh starting at the shoulder protectors and working back toward the tail.
4. One Punch-Lok band should be firmly attached 1" from the grip's tail. Banding is required to insure maximum reliability and guard against accidental release.

Note: A Pengo Miller swivel is recommended for attachment to the grip's eye for release of torque during the pull.

Note: Do not run grips or swivel over bullwheels or winch drums while under tension.

Note: Do not use for pulling synthetic rope. For pulling synthetic rope, use Kellems Dua-pull Grips.



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CATALOG NUMBER		CABLE DIAMETER RANGE INCHES	WORK LOAD*	WORK LOAD*	SUGGESTED SWIVEL CATALOG NUMBER	SUGGESTED PUNCH LOK BAND CATALOG NUMBER
LIGHT DUTY FLEXIBLE EYE SHORT LGTH	LIGHT DUTY FLEXIBLE EYE STANDARD LGTH		LBS. LIGHT DUTY SHORT	LBS. LIGHT DUTY STANDARD		
03303001	03303010	.50-.61	560	560	20308001	20320050
03303002	03303011	.62-.74	560	560	20308001	20320050
03303003	03303012	.75-.99	800	800	20308001	20320052
03303004	03303013	1.00-1.24	1060	1360	20308002	20320052
03303005	03303015	1.25-1.49	1060	1360	20308002	20320053
03303006	N/A	1.50-1.74	1360	N/A	20308002	20320053
N/A	03303016	1.50-1.99	N/A	1360	20308002	20320053
03303007	N/A	1.75-1.99	1700	N/A	20308002	20320053
03303008	03303017	2.00-2.49	1700	1700	20308002	20320054
N/A	03303018	2.50-2.99	N/A	2120	20308002	20320054
N/A	03303019	3.00-3.49	N/A	2940	20308003	20320054
N/A	03303029	3.50-3.99	N/A	2940	20308003	20320054

\* Rated working load is determined by using a factor of safety of 5 based on grip breaking strength.



Wiring Device-Kellems, Hubbell Incorporated (Delaware)  
 Milford, CT 06460-8897 (203) 882-4800

