

## Pulling Grips—High Strength Grips PHS Series S

*High Strength Pulling Grips* are designed for situations where load and safety considerations require an extra high strength grip. They are most commonly used for attaching pulling lines to conductors, conductors to running boards, and conductor-to-conductor connections. These grips can be used for pulling bare or insulated conductor, wire rope or synthetic rope.

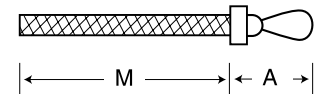
A feed tube is used when assembling synthetic rope<sup>1</sup> into the High Strength Pulling Grip and is required on the two largest grip sizes.

### Multi-weave Flexible Eye

CAT. NO.	GRIP RANGE O. D. (INCHES)		APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)      MESH (DIM. M)		COLOR CODE	FLEXIBLE EYE SIZE (INCHES)
	ROPE <sup>1</sup>	CONDUCTOR					
<b>L8660</b>	0.25–0.65	0.19–0.37	6,500	10	24	Black	.218
<b>L8661</b>	0.50–0.90	0.38–0.62	14,000	13	26	Dk. Green	.375
<b>L8662</b>	0.75–1.10	0.63–0.87	20,000	14	48	Red	.437
<b>L8663</b>	1.00–1.50	0.88–1.12	30,600	15	60	Dk. Blue	.500
<b>L8664</b>	1.25–1.70	1.13–1.37	46,800	18	76	Yellow	.625
<b>L8665</b>	1.50–2.10	1.38–1.90	66,500	24	89	Alum.	.750

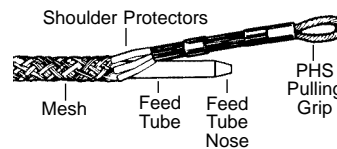
<sup>1</sup>For rope, select smallest size grip which meets required workload.

\*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.



### Recommended Rope Assembly Using High Strength Feed Tube

- 1) Insert feed tube into High Strength Pulling Grip.
- 2) Insert rope end fully into feed tube.
- 3) Hold rope in feed tube by pinning rope to the ground with end of tube. Pull mesh down onto feed so feed tube nose is protruding through shoulder protectors as shown.
- 4) Push mesh to end of feed tube and pull feed tube through mesh. When tube is pulled, the mesh gripping action will hold rope in place.
- 5) Position rope so that its end is inside the shoulder protectors. Remove slack from mesh by smoothing mesh tight to rope.
- 6) Apply clamps to mesh end.



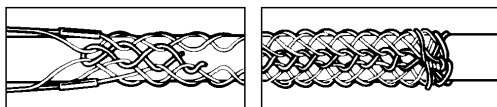
### Split-Lace/Split-Rod Attachments (for use where end of cable is not accessible—applies to slack grips only)

Beginning at the end of the grip closest to the bale fitting, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross the laces and thread them through the next two loops, and so on down the grip, being careful not to pull the lacing too tight.

Spacing of the laced closure should be approximately the same as the mesh weave. When the end of grip is reached, twist the lacing strands tightly together, wrapping the ends of the lace around the grip, and twisting again to secure. Excess length may be cut off.

Split grips with rod closing are economical, since they are quickly installed, and are reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out, and the grip is ready for re-use.

#### Split-Lace



#### Split-Rod

