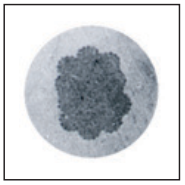
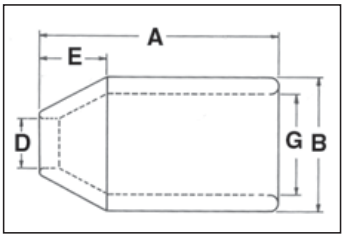
National Steel Swaging Sleeves

S-505
Swaging Sleeve



Cross Section of Swaged Sleeve

Scan this QR code with your smart device to view our QUIC-PASS Swaging System video.



NOTE: See Page 45 for dimensional information.

- For Flemish eye wire rope splicing.
- Designed for low temperature toughness.
- Resists cracking when swaged (equals or exceeds stainless steel sleeves).
- Special processed low carbon steel.
- "COLD TUFF"® for better swageability.
- Can be stamped for identification after swaging without concern for fractures when following these directions.
  - Use round corner stamps to a maximum depth of 0.015 in. (1/64). The area for stamping should be on the side of the sleeve in the plane of the sling eye, and no less than 0.250 in. (1/4) from either end of the sleeve.
- Standard Steel Sleeve terminations have efficiency ratings as follows based on the catalog strength of wire rope.
- Do not use on wire rope size other than size shown.

S-505 Termination Efficiency		
Size (in)	Type of Wire Rope *	
	IWRC	FC
1/4 - 1	96%	93%
1-1/8 - 2	92%	89%
2-1/4 and Larger	90%	87%

**** NOTE: S-505 Standard Sleeves are recommended for use with 6 x 19 or 6 x 37, IPS or XIP (EIP), XXIP (EEIP), RRL, FC or IWRC wire rope.***
Before using any National Swage fitting with any other type la , construction or grade of wire rope, it is recommended that the termination be destructive and documented to prove the adequacy of the assembly to be manufactured.

National *QUIC-PASS*® Swaging System

"The Next Generation in Swaging Systems"

QUIC-PASS®

The ***QUIC-PASS***® swaging system allows "Flemish style" wire rope terminations to be swaged in only two passes.

This is accomplished while maintaining currently published efficiency ratings and utilizing National Swage S-505 Standard "COLD TUFF"® Steel Sleeves.

- *Allows the swaging process to be completed in just two passes. Resulting in a 50-75% reduction in the number of passes required with conventional swaging systems.*
- *Allows the dies to close completely with each pass, resulting in...*
  - *An increase in overall swaging process efficiencies (the job can be performed quicker).*
  - *A reduction in the complexity of swaging (the concern for excess flashing between dies has been eliminated).*
  - *A reduction in training time needed for operators (more user friendly).*
- *The finished sleeve has a "Hex" appearance that provides a QUIC-CHEC ® look to determine if the termination has been swaged and provides a flat su face that allows for ease of I.D. stamping on the finished sleeve.*

For additional swaging information, please refer to the Wire Rope End Terminations User's Manual.