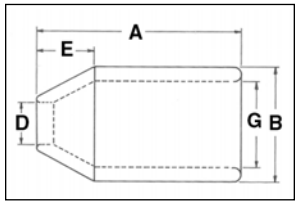
National Steel Swaging Sleeves

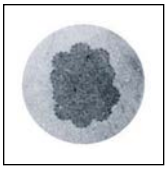
S-505



- 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.
- Sizes 6-7 through 37-38mm satisfy the type testing requirements for Flemish ferrule secured systems per EN 13411-3:2004 except those additional requirements defined for crane hoist rope.
- Can be stamped for identification after swaging without concern for fractures when following these directions.
  - Use round corner stamps to a maximum depth of 1.38mm. The area for stamping should be on the side of the sleeve in the plane of the sling eye, and no less than 7mm from either end of the sleeve.
- Standard Steel Sleeve terminations have efficiency ratings as follows based on the catalog strength of wire rope.



NOTE: See Page 45 for dimensional information.

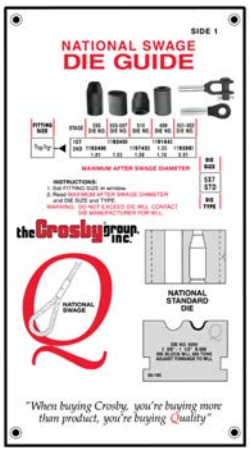


"Cross Section of Swaged Sleeve"

S-505 Termination Efficiency		
Size (mm)	Type of Wire Rope *	
	IWRC	FC
6 - 26	96%	93%
28 - 52	92%	89%
56 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 lay, construction or grade of wire rope, it is recommended that the termination be destructive tested and documented to prove the adequacy of the assembly to be manufactured.



The National Die Guide will assist you in selecting the proper dies to meet your swaging needs.

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

QUIC-PASS®

National *QUIC-PASS*® Swaging System

"The Next Generation in Swaging Systems"

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-CHECK***® look to determine if the termination has been swaged and provides a flat surface 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.

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