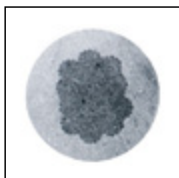
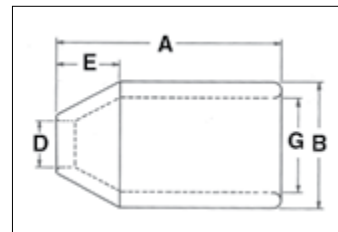


**S-505
Swaging Sleeve**



Cross Section of Swaged Sleeve

- 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%

Intermediate Metric Die Chart

Sleeve and Swaging Die Requirements for Intermediate Sizes of Metric Wire Rope							
S-505 Stock No.	S-505 Sleeve Size	Metric Wire Rope Size (mm)	Standard Round Dies				Maximum After Swage Dimension (in)
			1st Stage Die		2nd Stage Die		
1041143	1/2	12	1190881	5 x 7 Double Cavity	—		.990
1041223	7/8	20	1190901	5 x 7 Double Cavity	—		1.620
1041241	1	24	1190921	5 x 7 Double Cavity	—		1.880
1041321	1-1/2	36	1192649	5 x 7	1190941	5 x 7	2.630
1041349	1-3/4	40	1192685	5 x 7	1190961	5 x 7	2.950
1041367	2	48	1192729	5 x 7	1190971	5 x 7	3.460
1041401	2-1/2	60	1192809	5 x 7	1190981	5 x 7	4.370
1041401	2-1/2	60	1191061	6 x 12	1190991	6 x 12	4.370
1041447	3	72	1193201	6 x 12	1191001	6 x 12	4.810
1041483	3-1/2	80	1193247	6 x 12	1191101	6 x 12	5.450
1041483	3-1/2	84	1193247	6 x 12	1191121	6 x 12	5.550

QUIC-PASS® system not available for these metric rope sizes. Note: Fittings designed only to be used on exact sizes listed.

** 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 and documented to prove the adequacy of the assembly to be manufactured.