

# ALUMINUM AND COPPER SLEEVES / BUTTON STOPS (CRIMPED ASSEMBLIES)

Choose from a wide range of duplex sleeves and button stops – made with either 99% pure copper or high-quality aluminum alloys – as well as aluminum oval sleeves. All are economical terminations for your non-critical applications. Each has been heat-treated to offer maximum cold-forming properties and long service life. We do not recommend using return loop eye slings

with duplex sleeves for any lifting, hoisting or overhead lift systems, or where the full development of the component rope's minimum breaking force is required.

With aluminum oval sleeves, the smaller sizes (1/4" through 7/16") are drawn-tube extrusions, while the larger sizes (1/2" through 1 1/2") are extruded from a high-grade aluminum alloy and are seamless.

## Dimensions for Copper Duplex Sleeves SW-740

Dash no.	Rope dia.	A <sub>S</sub>	Approx. C <sub>S</sub>
101	1/32	0.100	5/16
151	3/64	0.154	7/16
201	1/16	0.190	7/16
301	3/32	0.265	1/2
401	1/8	0.353	5/8
501	5/32	0.390	3/4
601	3/16	0.475	1
701	7/32	0.510	1
801	1/4	0.585	1 5/16
-51	5/16	0.730	1 5/16
-61	3/8	0.795	1 3/4
-81	1/2	1.000	2 3/16

All dimensions are in inches. These numbers will vary according to dies and type of swaging tool used.

## Dimensions for Aluminum Oval Sleeves SW-736

Dash no.	Rope dia.	A <sub>S</sub>	Approx. C <sub>S</sub>
-41	1/4	9/16	1 5/16
-51	5/16	3/4	1 5/8
-61	3/8 HC	13/16	1 13/16
-62	3/8 WC	7/8	2
-71	7/16	15/16	2 1/4
-81	1/2	1 1/8	2 1/2
-91	9/16	1 7/32	2 7/8
-101	5/8	1 1/4	3 1/4
121	3/4	1 5/8	3 3/4
141	7/8 HC	1 3/4	3 7/8
142	7/8 WC	1 7/8	4 3/8
161	1 HC	2	4 7/8
162	1 WC	2 1/8	5 1/16
181	1 1/8	2 5/16	5 9/16
201	1 1/4	2 9/16	5 3/4
241	1 1/2	3 3/16	7 3/16

All dimensions are in inches.

## Dimensions for Aluminum Duplex Sleeves

Dash no.	Rope dia.	A <sub>S</sub>	Approx. C <sub>S</sub>
151	3/64	0.140	1/2
201	1/16	0.187	1/2
251	5/64	0.234	1/2
301	3/32*	0.281	5/8
401	1/8*	0.312	13/16
501	5/32*	0.375	7/8
601	3/16	0.437	1 5/16
701	7/32	0.500	1 3/8
801	1/4	0.563	1 7/8
901	9/32	0.625	1 9/16
-51	5/16	0.687	1 5/8
-61	3/8	0.812	1 7/8
-71	7/16	1.000	2 3/16
-81	1/2	1.120	2 5/8
-91	9/16	1.250	2 3/4
-101	5/8	1.375	3 1/4

All dimensions are in inches.  
\*Also available with thin walls for special applications.

## Dimensions for Copper Button Stops

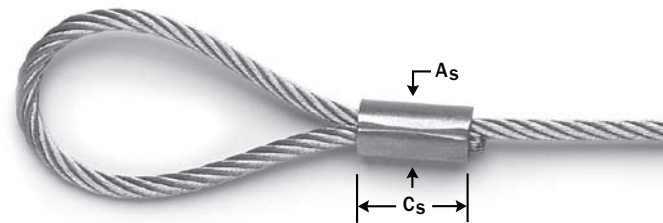
Dash no.	Rope dia.	A <sub>S</sub>	Approx. C <sub>S</sub>
101	1/32	0.115	1/4
151	3/64	0.155	1/4
201	1/16	0.182	1/4
301	3/32	0.261	3/8
401	1/8	0.261	3/8
501	5/32	0.350	3/8
601	3/16	0.350	3/8
701	7/32	0.350	3/4
801	1/4	0.600	13/16

All dimensions are in inches.

## Dimensions for Aluminum Button Stops SW-746

Dash no.	Rope dia.	A <sub>S</sub>	Approx. C <sub>S</sub>
201	1/16	0.187	1/4
301	3/32	0.245	3/8
401	1/8	0.245	3/8
501	5/32	0.325	3/8
601	3/16	0.325	3/8
701	7/32	0.325	3/4
801	1/4	0.508	13/16

All dimensions are in inches.



Crimped Assemblies: Sleeves (above) and Button Stops (below)

