



CABLE ACCESSORIES

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Vanguard Steel Ltd.



www.vanguardsteelvancouver.com
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Aluminum Hourglass Oval Sleeves

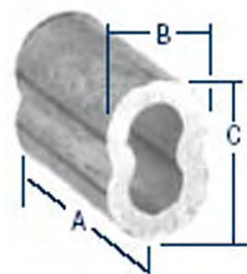
Aluminum Swage sleeves are an economical fasteners for loops or lap splices. An Ideal fastener for Galvanized Steel Cable.

Not recommended for stainless cable due to electrolysis

Hourglass shaped sleeves allow for the smoothest swage (crimp)



Aluminum Oval				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
	A	B	C		
3/64"	0.375	0.133	0.198	0.06	29500003
1/16"	0.375	0.172	0.250	0.08	29500004
3/32"	0.500	0.281	0.406	0.25	29500006
1/8"	0.625	0.344	0.500	0.58	29500008
5/32"	0.688	0.375	0.562	0.70	29500010
3/16"	0.688	0.375	0.562	1.45	29500012
1/4"	1.125	0.536	0.812	2.80	29500016
5/16"	1.250	0.687	1.032	4.10	29500020
3/8"	1.438	0.750	1.156	5.70	29500024
1/2"	2.000	1.060	1.625	17.20	29500032



WARNING :

Properly swaged, oval sleeves are capable of maintaining over 90% of the breaking strength of the cable.

To determine the exact holding strength, a pull test must be performed prior to use.

Safety margins MUST be maintained in line with the respective applications.

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Aluminum Stop (button) Sleeves

Aluminum stop sleeves are designed to terminate cable to prevent dangerous fraying
preferred for use with galvanized cable
Stops prevent cable from pulling through a guide.



Aluminum Stop				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
A		B			
1/16"	0.156	0.250		0.04	29510004
3/32"	0.313	0.344		0.25	29510006
1/8"	0.313	0.344		0.23	29510008
5/32"	0.344	0.438		0.40	29510010
3/16"	0.344	0.438		0.35	29510012
1/4"	0.688	0.688		2.10	29510016



WARNING : The maximum holding strength of stop sleeves is approximately 1/3 of the strength of the cable.
To determine the exact holding strength, a pull test must be performed prior to use.
Not designed for load carrying purposes.
Not to be used in overhead lifting or hoisting applications.

Safety margins **MUST** be maintained in line with the respective applications.

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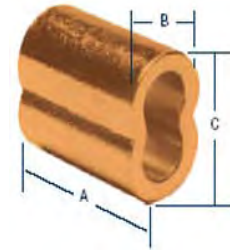
Copper Oval Sleeves

Copper Swage sleeves are an economical fastener for loops or lap splices. An ideal fastener for Stainless Steel Cable.

Meets MS-51844



Copper Oval				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
	A	B	C		
3/64"	0.375	0.134	0.20	0.17	29520003
1/16"	0.375	0.170	0.25	0.26	29520004
3/32"	0.425	0.224	0.37	0.53	29520006
1/8"	0.550	0.324	0.39	1.57	29520008
5/32"	0.625	0.365	0.59	2.24	29520010
3/16"	1.000	0.449	0.67	5.00	29520012
1/4"	1.138	0.515	0.81	7.60	29520016
5/16"	1.125	0.665	1.01	11.50	29520020
3/8"	1.250	0.727	1.11	15.00	29520024
7/16"	1.750	0.850	1.30	28.00	29520028
1/2"	1.900	0.965	1.48	38.00	29520032



WARNING : Properly swaged, oval sleeves are capable of maintaining over 90% of the breaking strength of the cable. To determine the exact holding strength, a pull test must be performed prior to use.

Safety margins **MUST** be maintained in line with the respective applications.

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Copper Oval Zinc Plated Sleeves

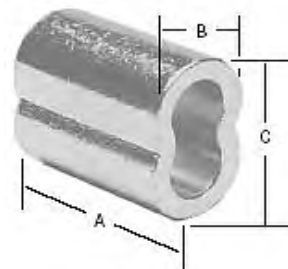
Copper Swage sleeves are an economical fasteners for loops or lap splices. An Ideal fastener for Stainless Steel Cable.

Zinc plating of sleeves provides corrosion protection and an attractive finish.

Meets MS-51844



Copper Oval Z.P.				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
	A	B	C		
3/64"	0.375	0.134	0.20	0.17	29540003
1/16"	0.375	0.170	0.25	0.26	29540004
3/32"	0.425	0.224	0.37	0.53	29540006
1/8"	0.550	0.324	0.39	1.57	29540008
5/32"	0.625	0.365	0.59	2.24	29540010
3/16"	1.000	0.449	0.67	5.00	29540012
1/4"	1.138	0.515	0.81	7.60	29540016
5/16"	1.125	0.665	1.01	11.50	29540020
3/8"	1.250	0.727	1.11	15.00	29540024
7/16"	1.750	0.850	1.30	28.00	29540028
1/2"	1.900	0.965	1.48	38.00	29540032



WARNING :

Properly swaged, oval sleeves are capable of maintaining over 90% of the breaking strength of the cable.
To determine the exact holding strength, a pull test must be performed prior to use.

Safety margins MUST be maintained in line with the respective applications.

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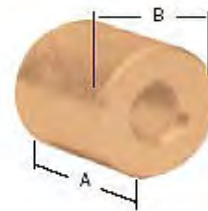


Copper Stop (button) Sleeves

Copper stop sleeves are designs to terminate cable to prevent dangerous fraying
 preferred for use with stainless steel cable
 Stops prevent cable from pulling through a guide.



Copper Stop				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
	A	B			
3/64"	0.225	0.170		0.14	29530003
1/16"	0.218	0.203		0.19	29530004
3/32"	0.328	0.328		0.79	29530006
1/8"	0.328	0.328		0.70	29530008
5/32"	0.329	0.422		1.18	29530010
3/16"	0.328	0.422		1.06	29530012
1/4"	0.703	0.656		6.20	29530016
5/16"	0.703	0.656		5.25	29530020



WARNING : The maximum holding strength of stop sleeves is approximately 1/3 of the strength of the cable.
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 Not to be used in overhead lifting or hoisting applications.

Safety margins **MUST** be maintained in line with the respective applications.

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Stainless Steel Oval Sleeves

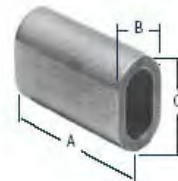
Stainless steel swaged sleeves can be used with galvanized or stainless steel wire. Made from T-304 rods, these swage sleeves withstand the most challenging conditions providing the maximum in corrosion resistance.

These sleeves require special stainless steel swaging tools.

Meets MS-51844



Stainless Steel Oval				Weight (lbs/100)	Product Code
Cable Size	Dimensions in inches				
	A	B	C		
3/64"	0.375	0.133	0.201	0.16	29550003
1/16"	0.375	0.137	0.229	0.15	29550004
3/32"	0.375	0.184	0.298	0.27	29550006
1/8"	0.375	0.233	0.380	0.43	29550008
5/32"	0.720	0.322	0.500	1.41	29550010
3/16"	0.875	0.352	0.564	2.33	29550012
1/4"	1.130	0.454	0.716	4.76	29550016



WARNING : Properly swaged, oval sleeves are capable of maintaining over 90% of the breaking strength of the cable. To determine the exact holding strength, a pull test must be performed prior to use.

Safety margins **MUST** be maintained in line with the respective applications.

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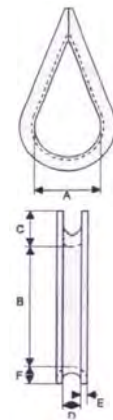


Stainless AN Thimbles

For applications using small diameter galvanized or stainless cable
Made from AISI 316 stainless rod.



Size	Item No.	Dimension Inches						Weight (lbs/100)	Product Code
		A	B	C	D	E	F		
3/64-1/16-5/64"	C-3	0.350	0.671	0.157	0.093	0.032	0.078	0.15	29600004
3/32-1/8-7/64"	C-4	0.350	0.671	0.218	0.140	0.032	0.078	0.43	29600006
5/32"	C-5	0.400	0.796	0.218	0.171	0.032	0.109	0.60	29600010
3/16"	C-6	0.500	1.000	0.312	0.203	0.032	0.171	0.98	29600012
1/4"	C-8	0.700	1.406	0.406	0.265	0.032	0.171	1.50	29600016
5/16"	C-10	0.900	1.796	0.437	0.328	0.040	0.218	3.50	29600020
3/8"	C-12	1.000	2.000	0.625	0.390	0.060	0.265	8.50	29600024



WARNING

Wire rope thimbles do not have an established load rating and are meant to serve as rope protection only.

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