Grade 80 Chain Sling Components

WORKING LOAD LIMIT – 4 TO 1 DESIGN FACTOR

Spectrum 8® Alloy Chain Size		90°	60°	45°	30°	60°	45°	30°
(in.)	(mm)	Single Leg	Double Leg			Triple and Quad Leg		
—	6	2500	4330	3540	2500	6500	5300	3750
1/4 (9/32)	7	3500	6100	4900	3500	9100	7400	5200
5/16	8	4500	7800	6400	4500	11700	9500	6800
3/8	10	7100	12300	10000	7100	18400	15100	10600
1/2	13	12000	20800	17000	12000	31200	25500	18000
5/8	16	18100	31300	25600	18100	47000	38400	27100
3/4	20	28300	49000	40000	28300	73500	60000	42400
7/8	22	34200	59200	48400	34200	88900	72500	51300
1	26	47700	82600	67400	47700	123900	101200	71500
1-1/4	32	72300	125200	102200	72300	187800	153400	108400

* For choker applications, the Working Load Limit must be reduced by 20%. The Crosby A-1338 cradle grab hook and S1311N chain shortener link does not require any reduction of the Working Load Limit. The design factor of 4 to 1 on Spectrum® 8 Alloy Chain agrees with the design factor used by the International Standards Organization (I.S.O.) and ANSI B30.9 and is the preferred set of Working Load Limit values to be used.

SINGLE LEG SLING

Spectrum 8 Chain Size (in.)	(mm)	Grade 8 Chain Stock No.	Master Link A-342 Stock No.	Master Link Assembly A-345 Stock No.	Master Link with Flat A-344 Stock No.	Master Link Assembly A-347 Stock No.	LOK-A-LOY® A-1337 Stock No.	Chain Coupler S-1325 Stock No.	Clevis Sling Hook A-1339 A-339** Stock No.	SHUR-LOC® Clevis Hook S-1317 Stock No.	Latching Clevis Chain Hook S-314A Stock No.	Clevis Grab Hook A-338 Stock No.	Cradle Grab Hook A-1338 Stock No.	Eye Sling Hook A-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
									+	+	+	+			
1/4	7	273527	1014266	—	1256862	—	1015104	1098500	1048991	1029000	1225021	1027659	1049417	1003764	1026280
5/16	8	273536	1014266 1014280 1014285	—	1256932	—	1015113	1098504	1049000	1029009	1225021	—	1049426	—	1026280
3/8	10	273545	1014285 1014319	—	1257002	—	1015122	1098508	1049009	1029018	1225091	1027677	1049435	1003773	1026289
1/2	13	273554	1014319 1014331	—	1257072	—	1015136	1098512	1049018	1029027	1225161	1027686	1049444	1003782	1026297
5/8	16	273563	1014331 1014348	—	1257212	—	1015145	1098516	1049027	1029036	1225162	1027695	1049453	1003791	1026306
3/4	20	273572	1014348 1014365	—	1257382	—	1015154	—	1027793**	—	—	1027702	—	1003808	1026315
7/8	22	273581	1014365 1014388	—	1257422	—	1015163	—	1027800**	—	—	1027711	—	1003817	1026324
1	26	273590	1014388 1014404	—	1257492	—	1015172	—	—	—	—	—	—	—	—
1-1/4	32	273599	1014404 1014422	—	1257632	—	1015181	—	—	—	—	—	—	—	—

+ Available in eye style. ** Old style A-339

DOUBLE LEG SLING

Spectrum 8 Chain Size (in.)	(mm)	Grade 8 Chain Stock No.	Master Link A-342 Stock No.	Master Link Assembly A-345 Stock No.	Master Link with Flat A-344 Stock No.	Master Link Assembly A-347 Stock No.	LOK-A-LOY® A-1337 Stock No.	Chain Coupler S-1325 Stock No.	Clevis Sling Hook A-1339 A-339** Stock No.	SHUR-LOC® Clevis Hook S-1317 Stock No.	Latching Clevis Chain Hook S-314A Stock No.	Clevis Grab Hook A-338 Stock No.	Cradle Grab Hook A-1338 Stock No.	Eye Sling Hook A-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
1/4	7	273527	1014266	—	1256932	—	1015104	1098500	1048991	1029000	1225021	1027659	1049417	1003764	1026280
5/16	8	273536	1014280	—	1257002	—	1015113	1098504	1049000	1029009	1225021	—	1049426	—	1026280
3/8	10	273545	1014319	—	1257072	—	1015122	1098508	1049009	1029018	1225091	1027677	1049435	1003773	1026289
1/2	13	273554	1014331	—	1257282	—	1015136	1098512	1049018	1029027	1225161	1027686	1049444	1003782	1026297
5/8	16	273563	1014348	—	1257422	—	1015145	1098516	1049027	1029036	1225162	1027695	1049453	1003791	1026306
3/4	20	273572	1014365	—	1257492	—	1015154	—	1027793**	—	—	1027702	—	1003808	1026315
7/8	22	273581	1014388	—	1257562	—	1015163	—	1027800**	—	—	1027711	—	1003817	1026324
1	26	273590	1014404	—	1257632	—	1015172	—	—	—	—	—	—	—	—
1-1/4	32	273599	1014422	—	—	—	1015181	—	—	—	—	—	—	—	—

+ Available in eye style. ** Old style A-339

TRIPLE AND QUADRUPLE LEG SLING

Spectrum 8® Chain Size (in.)	(mm)	Grade 8 Chain Stock No.	Master Link A-342 Stock No.	Master Link Assembly A-345 Stock No.	Master Link with Flat A-344 Stock No.	Master Link Assembly A-347 Stock No.	LOK-A-LOY® A-1337 Stock No.	Chain Coupler S-1325 Stock No.	Clevis Sling Hook A-1339 A-339** Stock No.	SHUR-LOC® Clevis Hook S-1317 Stock No.	Latching Clevis Chain Hook S-314A Stock No.	Clevis Grab Hook A-338 Stock No.	Cradle Grab Hook A-1338 Stock No.	Eye Sling Hook A-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
1/4	7	273527	—	1014739	—	1257832	1015104	1098500	1048991	1029000	1225021	1027659	1049417	1003764	1026280
5/16	8	273536	—	1014742	—	1257972	1015113	1098504	1049000	1029009	1225021	—	1049426	—	1026280
3/8	10	273545	—	1014766	—	1258142	1015122	1098508	1049009	1029018	1225091	1027677	1049435	1003773	1026289
1/2	13	273554	—	1014779	—	1258182	1015136	1098512	1049018	1029027	1225161	1027686	1049444	1003782	1026297
5/8	16	273563	—	1014807	—	1258332	1015145	1098516	1049027	1029036	1225162	1027695	1049453	1003791	1026306
3/4	20	273572	—	10148174	—	1258402	1015154	—	1027793**	—	—	1027702	—	1003808	1026315
7/8	22	273581	—	1014832	—	1258462	1015163	—	1027800**	—	—	1027711	—	1003817	1026324
1	26	273590	—	1014815	—	—	1015172	—	—	—	—	—	—	—	—
1-1/4	32	273599	—	1014846	—	—	1015181	—	—	—	—	—	—	—	—

+ Available in eye style. ** Old style A-339

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