



# 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 (lbs)	Double Leg (lbs)		Triple and Quad Leg (lbs)			
—	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 ASME 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 L-1339 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 L-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
1/4 7	273527	1014266	—	1256862	—	1015104	1098500	1049112	1029000	1225021	1027659	1049417	1025869	1026280
5/16 8	273536	1014266 1014280 1014285	—	1256932	—	1015113	1098504	1049121	1029009	1225021	—	1049426	1025869	1026280
3/8 10	273545	1014285 1014319	—	1257002	—	1015122	1098508	1049130	1029018	1225091	1027677	1049435	1025878	1026289
1/2 13	273554	1014319 1014331	—	1257072	—	1015136	1098512	1049149	1029027	1225161	1027686	1049444	1025887	1026297
5/8 16	273563	1014331 1014348	—	1257212	—	1015145	1098516	1049158	1029036	1225162	1027695	1049453	1025896	1026306
3/4 20	273572	1014348 1014365	—	1257382	—	1015154	—	1049167	—	—	1027702	—	1025915	1026315
7/8 22	273581	1014365 1014388	—	1257422	—	1015163	—	1049176	—	—	1027711	—	1025924	1026324
1 26	273590	1014388 1014404	—	1257492	—	1015172	—	—	—	—	—	—	1025933	—
1-1/4 32	273599	1014404 1014422	—	1257632	—	1015181	—	—	—	—	—	—	1025942	—

+ Available in eye style.

### 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 L-1339 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 L-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
1/4 7	273527	1014266	—	1256932	—	1015104	1098500	1049112	1029000	1225021	1027659	1049417	1025869	1026280
5/16 8	273536	1014280	—	1257002	—	1015113	1098504	1049121	1029009	1225021	—	1049426	1025869	1026280
3/8 10	273545	1014319	—	1257072	—	1015122	1098508	1049130	1029018	1225091	1027677	1049435	1025878	1026289
1/2 13	273554	1014331	—	1257282	—	1015136	1098512	1049149	1029027	1225161	1027686	1049444	1025887	1026297
5/8 16	273563	1014348	—	1257422	—	1015145	1098516	1049158	1029036	1225162	1027695	1049453	1025896	1026306
3/4 20	273572	1014365	—	1257492	—	1015154	—	1049167	—	—	1027702	—	1025915	1026315
7/8 22	273581	1014388	—	1257562	—	1015163	—	1049176	—	—	1027711	—	1025924	1026324
1 26	273590	1014404	—	1257632	—	1015172	—	—	—	—	—	—	1025933	—
1-1/4 32	273599	1014422	—	—	—	1015181	—	—	—	—	—	—	1025942	—

+ Available in eye style.

### 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 L-1339 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 L-1327 Stock No.	Eye Foundry Hook A-1329 Stock No.
1/4 7	273527	—	1014739	—	1257832	1015104	1098500	1049112	1029000	1225021	1027659	1049417	1025869	1026280
5/16 8	273536	—	1014742	—	1257972	1015113	1098504	1049121	1029009	1225021	—	1049426	1025869	1026280
3/8 10	273545	—	1014766	—	1258142	1015122	1098508	1049130	1029018	1225091	1027677	1049435	1025878	1026289
1/2 13	273554	—	1014779	—	1258182	1015136	1098512	1049149	1029027	1225161	1027686	1049444	1025887	1026297
5/8 16	273563	—	1014807	—	1258332	1015145	1098516	1049158	1029036	1225162	1027695	1049453	1025896	1026306
3/4 20	273572	—	1014810	—	1258402	1015154	—	1049167	—	—	1027702	—	1025915	1026315
7/8 22	273581	—	1014845	—	1258462	1015163	—	1049176	—	—	1027711	—	1025924	1026324
1 26	273590	—	1014845	—	—	1015172	—	—	—	—	—	—	1025933	—
1-1/4 32	273599	—	1014986	—	—	1015181	—	—	—	—	—	—	1025942	—

+ Available in eye style.