

Welded Master Links



A-344



7/16" through 1-7/32" have Engineered Flat

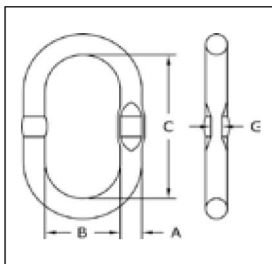
- Alloy Steel - Quenched and Tempered.
- Individually Proof Tested to values shown, with certification.
- Proof Tested with 60% inside width special fixtures sized to prevent localized point loading per ASME A-952, reference page 269.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these links meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Each link has a Product Identification Code (PIC) for material traceability, along with the size and the name Crosby® or "CG".
- Large inside width and length to allow additional room for sling hardware and crane hook.
- Engineered Flat for use with S-1325A coupler link.
- Master links are type approved to DNV Certification Notes 2.7-1-Offshore Containers. These Crosby master links are 100% proof tested, MPI and impact tested. The tests are conducted by Crosby and 3.1 test certification is available upon request. Refer to page 161 for Crosby COLD TUFF® master links that meet the additional requirements of DNV rules for certification of lifting applications - Loose Gear.

A-347



11/16" through 1-7/32" have Engineered Flat

A-344 Welded Master Link with Engineered Flat



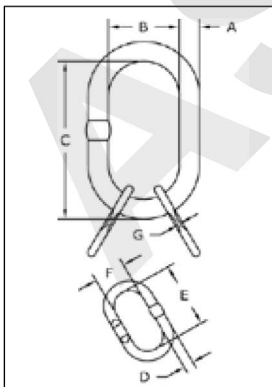
Size		A-344 Stock No	Weight Each (lbs.)	Working Load Limit (lbs.)*	Proof Load (lbs.)**	Dimensions (in.)				Engineered Flat Size for S-1325A (in.)
(in.)	(mm)					A	B	C	G	
7/16	12	1256862	0.66	3500	8800	.47	2.36	4.72	.24	1/4
1/2	13	1256932	0.79	5500	14000	.51	2.36	4.72	.26	1/4
11/16	17	1257002	1.85	9000	22700	.67	3.54	6.30	.33	3/8
3/4	19	1257072	2.36	14700	36800	.75	3.54	6.30	.33	3/8
7/8	22	1257212	3.55	18700	46800	.87	3.94	7.10	.41	1/2
1	26	1257282	5.22	25300	63400	.98	4.53	8.10	.53	1/2
1-1/8	28	1257382	8.33	28600	71700	1.10	5.71	10.83	.53	1/2
1-7/32	31	1257422	10.3	37400	93700	1.22	5.71	10.83	.61	5/8
1-7/16	36	1257492	15.1	52900	132200	1.42	6.10	11.20	-	-
1-9/16	40	1257532	19.6	61900	154900	1.57	6.30	11.80	-	-
1-3/4	45	1257562	28.1	84400	211100	1.77	7.10	13.40	-	-
2	51	1257632	38.1	99200	248000	2.00	8.50	15.30	-	-

*Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5. Based on single leg sling (in-line load), or resultant load on multiple legs with an included angle less than or equal to 120 degrees.

**Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9.

For use with chain slings, refer to page 238 for sling ratings and page 234 for proper master link selection.

A-347 Welded Master Link Assembly with Engineered Flat



Size		A-347 Stock No	Weight Each (lbs.)	Working Load Limit (lbs.)*	Proof Load (lbs.)**	Dimensions (in.)							Engineered Flat Size for S-1325 (in.)
(in.)	(mm)					A	B	C	D	E	F	G	
1/2	13/12	1257692	1.80	5300	13200	.51	2.36	4.72	.47	3.35	1.77	.24	-
11/16	17/13	1257762	3.40	9000	22700	.67	3.54	6.30	.51	4.72	2.36	.26	1/4
3/4	19/13	1257832	4.00	9300	23400	.75	3.54	6.30	.51	4.72	2.36	.26	1/4
7/8	22/17	1257972	7.20	17600	44100	.87	3.94	7.10	.67	6.30	3.54	.33	5/16
1-1/8	28/22	1258142	15.4	31900	79800	1.10	5.71	10.83	.87	7.10	3.94	.41	3/8
1-7/32	31/25	1258182	20.8	37500	93700	1.22	5.71	10.83	.98	8.10	4.53	.53	1/2
1-9/16	40/31	1258332	40.5	61900	154900	1.57	6.30	11.80	1.22	10.63	5.50	-	-
1-3/4	45/36	1258402	58.2	84400	211100	1.77	7.10	13.40	1.42	11.20	6.10	-	-
2	51/45	1258462	95.0	99200	248000	2.00	7.50	13.80	1.80	13.40	7.10	-	-

*Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5. The maximum individual sublink working load limit is 75% of the assembly working load limit.

**Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9.

For use with chain slings, refer to page 238 for sling ratings and page 234 for proper master link selection.