

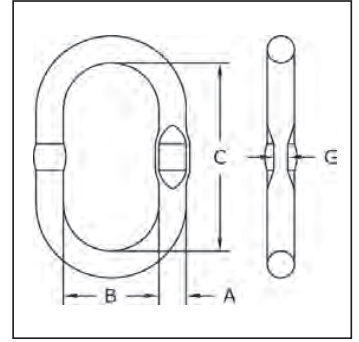
## Welded Master Links with Engineered Flat



**A-344**  
Welded Master  
Links

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 240 for sling ratings and page 245 for proper master link selection.

- 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 276.
- 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.
- 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.
- 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 164 for Crosby COLD TUFF® master links that meet the additional requirements of DNV rules for certification of lifting appliances - Loose Gear.
- 7/16” through 1-7/32” have Engineered Flat.



### A-344 Welded Master Links 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 245 for sling ratings and page 240 for proper master link selection.

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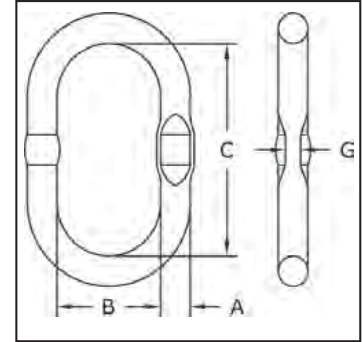
# Welded Master Links Assembly with Engineered Flat



**A-344**  
Welded Master Link  
with Engineered Flat

**Ratings below are for use with chain slings fabricated in accordance with ASME B30.9. For other applications, see page 162.**

- Alloy Steel - Quenched and Tempered.
- Individually Proof Tested with certification. (See page 162 for proof test values.)
- Proof Tested with 60% inside width special fixtures sized to prevent localized point loading per ASTM A-952. Reference page 276
- 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.



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



## A-344 Welded Master Link with Engineered Flat

Size		A-344 Stock No.	Weight Each (lbs.)	Single Leg			Double Leg			Dimensions (in.)				Engineered Flat Size for S-1325A (in.)
(in.)	(mm)			Chain Size		WLL Based on Grade 8 Chain (lbs.)*	Chain Size		WLL Based on Grade 8 Chain 60° Sling Angle (lbs.)*	A	B	C	G	
				(in.)	(mm)		(in.)	(mm)						
7/16	12	1256862	0.66	1/4	7	3500	-	-	-	.47	2.36	4.72	.24	1/4
1/2	13	1256932	0.79	5/16	8	4500	1/4	7	6100	.51	2.36	4.72	.26	1/4
11/16	17	1257002	1.85	3/8	10	7100	5/16	8	7800	.67	3.54	6.30	.33	3/8
3/4	19	1257072	2.36	1/2	13	12000	3/8	10	12300	.75	3.54	6.30	.33	3/8
7/8	22	1257212	3.55	5/8	16	18100	-	-	-	.87	3.94	7.10	.41	1/2
1	25	1257282	5.22	-	-	-	1/2	13	20800	.98	4.53	8.10	.53	1/2
1-1/8	28	1257382	8.33	3/4	20	28300	-	-	-	1.10	5.71	10.83	.53	1/2
1-7/32	31	1257422	10.3	7/8	22	34200	5/8	16	31300	1.22	5.71	10.83	.61	5/8
1-7/16	36	1257492	15.1	1	26	47700	3/4	20	49000	1.42	6.10	11.20	-	**
1-3/4	45	1257562	28.1	-	-	-	7/8	22	59200	1.77	7.10	13.40	-	**
2	51	1257632	38.1	1-1/4	32	72300	1	26	82600	2.00	8.50	15.30	-	**

\* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to page 162 to determine products actual Ultimate Load. See chart on page 240 for other sling angles.

\*\*There are no manufactured flats on links over 31mm (1 1/4).