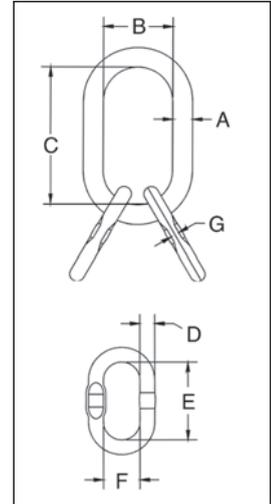


Alloy Master Links with Engineered Flat



A-345
Alloy Master
Links

- 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.
- Forgings have a Product Identification Code (PIC) for material traceability, along with the size, the name Crosby and USA in raised lettering.
- Selected sizes designated with “W” in the size column have enlarged inside dimensions to allow additional room for sling hardware and crane hook.
- Crosby 1 1/4” to 2” 342/345 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.
- Incorporates patented **QUIC-CHECK®** deformation indicators.
- 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.



Load Rated

Fatigue Rated



MAXTOUGH



A-345 Master Link Assembly with Engineered Flat for use with S-1325A coupler link.

Size		A-345 Stock No.	Weight Each (lbs.)	Working Load Limit Based on 5:1 Design Factor (lbs.)*	Proof Load (lbs.)**	Dimensions (in.)							Deformation Indicator
(in.)	(mm)					A	B	C	D	E	F	G	
3/4W	19W	1014739	3.5	12300	28400	.73	3.20	6.00	.56	3.35	1.77	.30	4.00
7/8W	22W	1014742	4.8	15200	35200	.88	3.75	6.38	.56	3.35	1.77	.30	4.50
1W	26W	1014766	9.3	26000	60000	1.10	4.30	7.50	.75	3.94	2.36	.33	5.50
1-1/4W	32W	1014779	15.8	39100	90400	1.33	5.50	9.50	1.00	6.30	3.54	.51	7.00
† 1-1/4W	† 32W	1262603	† 27.6	† 36200	90500	1.25	4.38	8.75	1.25	8.75	4.38	-	5.50
1-1/2W	38W	1014807	34.1	61100	141200	1.61	5.90	10.50	1.25	7.09	3.94	.65	7.50
† 1-1/2W	† 38W	1262612	† 47.7	† 54300	135750	1.50	5.25	10.50	1.50	10.50	5.25	-	6.50
1-3/4	44	1014814	46.7	84900	212250	1.75	6.00	12.00	1.38	8.00	5.00	.73	7.50
† 1-3/4	† 44	1262603	† 74.4	† 84900	212250	1.75	6.00	12.00	1.75	12.00	6.00	-	7.50
2	51	1014832	67.2	102600	256500	2.00	7.00	14.00	1.50	9.00	5.75	-	9.00
† 2	† 51	1262630	† 113	† 102600	256500	2.00	7.00	14.00	2.00	14.00	7.00	-	9.00
2-1/2	64	1014855	206	160000	320000	2.50	8.38	16.00	2.50	16.00	8.38	-	11.00
2-3/4	70	1014864	282	216900	433800	2.75	9.88	18.00	2.75	18.00	9.88	-	12.50
4	102	1014999	667	373000	746000	4.00	12.00	24.00	3.50	24.00	12.00	-	15.50***

* Ultimate Load is 5 times the Working Load Limit. The maximum individual sublink working load limit is 75% of the assembly working load limit except for 2-1/2" and 2-3/4", which are 100% of assembly working load limit. Applications with wire rope and synthetic sling generally require a design factor of 5. **Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9. †Ultimate Load is 4 times the Working Load Limit for Offshore Container Master Links. ‡Offshore Container Master Links Proof Tested to 2.5 times the Working Load Limit with 70 percent fixtures.



For use with chain slings, refer to page 244 for sling ratings and page 240 for proper master link selection.

Rigging
Accessories