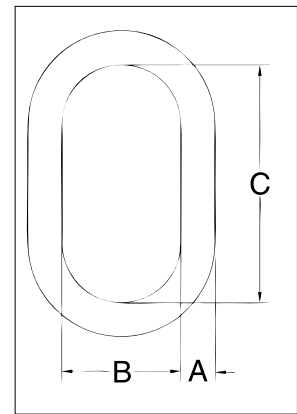


A-342



Ratings below are for use with chain slings fabricated in accordance with ASME B30.9. For other applications, see Applications & Warnings.

- Alloy steel — Quenched & Tempered.
- Individually Proof Tested to values shown, with certification.
- Proof Tested with special fixtures sized to prevent localized point loading.
- 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 7/8” to 2” A-342 master links are type approved to DNV-ST-E271-2.7-1 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 the 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.
- Fatigue rated to 20,000 cycles at 1-1/2 times the Working Load Limit.
- 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.



A-342 Alloy Master Links

Size		OC	Stock No.	Weight Each (lb)	Working Load Limit (lb)	Proof Load (lb)	Grade 100 Chain Sling		Grade 80 Chain Sling		Dimensions (in)			
(in)	(mm)						Single Leg Chain Size (in)	Double Leg Chain Size (in)	Single Leg Chain Size (in)	Double Leg Chain Size (in)	A	B	C	Deformation Indicator
1/2W	13W	No	1014266	1.3	7400	17,200	6mm, 9/32, 5/16	6mm	6mm, 9/32, 5/16, 3/8	6mm, 9/32	0.62	2.80	5.00	3.50
5/8	16	No	1014280	1.5	9000	18,000	5/16, 3/8	9/32	3/8	5/16	0.62	3.00	6.00	3.50
3/4W	19W	No	1014285	2.0	12300	28,400	5/16, 3/8	5/16	1/2	3/8	0.73	3.20	6.00	4.00
7/8W	22W	Yes	3522213	3.3	15200	†38,000	3/8, 1/2	3/8	1/2	3/8	0.88	3.75	6.38	4.50
1W	26W	Yes	3522214	6.1	26000	†65,000	1/2, 5/8	1/2	5/8	1/2	1.10	4.30	7.50	5.50
1-1/4W	32W	Yes	3522215	12.0	39100	†97,750	5/8, 3/4	5/8	3/4, 7/8	5/8	1.33	5.50	9.50	7.00
1-1/2W	38W	Yes	3522216	18.6	61100	†15,2750	7/8, 1	3/4	1	3/4, 7/8	1.61	5.90	10.50	6.50
1-3/4	44	Yes	3522217	25.2	84900	†21,2250	1	7/8	1-1/4	1	1.75	6.00	12.00	7.50
2	51	Yes	3522218	37.0	102600	†25,6500	1-1/4	7/8	1-1/4	1	2.00	7.00	14.00	9.00
2-1/4	57	No	1014422	54.1	143100	289,200	1-1/4	1	1-1/4	1-1/4	2.25	8.00	16.00	10.00
2-1/2	63	No	1014468	68.5	160000	320,000	1-1/4	1-1/4	-	-	2.50	8.38	16.00	11.00
2-3/4	70	No	1014440	94.0	216900	433,800	-	-	-	-	2.75	9.88	18.00	12.50
3	76	No	1014486	115	228000	456,000	-	-	-	-	3.00	9.88	18.00	13.00
3-1/4	83	No	1014501	145	262200	524,400	-	-	-	-	3.25	10.00	20.00	13.50
3-1/2	89	No	1014529	200	279000	558,000	-	-	-	-	3.50	12.00	24.00	15.50
3-3/4	95	No	1015051	198	336000	672,000	-	-	-	-	3.75	10.00	20.00	13.50
4	102	No	1015060	264	373000	746,000	-	-	-	-	4.00	12.00	24.00	16.00
†† 4-1/4	†† 108	No	1015067	302	354000	708,000	-	-	-	-	4.25	12.00	24.00	-
†† 4-1/2	†† 114	No	1015079	345	360000	720,000	-	-	-	-	4.50	14.00	28.00	-
†† 4-3/4	†† 121	No	1015088	436	389000	778,000	-	-	-	-	4.75	14.00	28.00	-
†† 5	†† 127	No	1015094	516	395000	790,000	-	-	-	-	5.00	15.00	30.00	-

5:1 Design Factor. 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. 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. †Offshore Container Master Links Proof Tested to 2.5 times the Working Load Limit with 70 percent fixtures. ††Welded Master Link. Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to applications & warnings to determine products actual Ultimate Load. Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9-1.4 for the chain size and number of legs.

