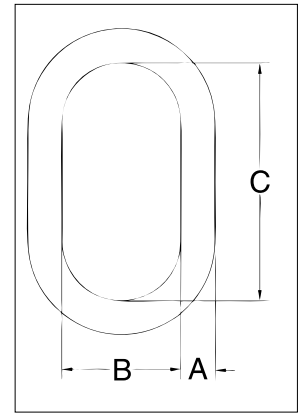


A-342



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 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			Stock No.	Weight Each (lb)	Working Load Limit (lb)	Proof Load (lb)	Grade 100 Chain Sling		Grade 80 Chain Sling		Dimensions (in)			Deformation Indicator
(in)	(mm)	OC					Single Leg Chain Size (in)	Double Leg Chain Size (in)	Single Leg Chain Size (in)	Double Leg Chain Size (in)	A	B	C	
1/2W	13W	No	1014266	1.3	7,400	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	9,000	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	12,300	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	15,200	†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	26,000	†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	39,100	†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	61,100	†152,750	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	84,900	†212,250	1	7/8	1-1/4	1	1.75	6.00	12.00	7.50
2	51	Yes	3522218	37.0	102,600	†256,500	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	143,100	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	160,000	320,000	1-1/4	1-1/4	-	-	2.50	8.38	16.00	11.00
2-3/4	70	No	1014440	94.0	216,900	433,800	-	-	-	-	2.75	9.88	18.00	12.50
3	76	No	1014486	115	228,000	456,000	-	-	-	-	3.00	9.88	18.00	13.00
3-1/4	83	No	1014501	145	262,200	524,400	-	-	-	-	3.25	10.00	20.00	13.50
3-1/2	89	No	1014529	200	279,000	558,000	-	-	-	-	3.50	12.00	24.00	15.50
3-3/4	95	No	1015051	198	336,000	672,000	-	-	-	-	3.75	10.00	20.00	13.50
4	102	No	1015060	264	373,000	746,000	-	-	-	-	4.00	12.00	24.00	16.00

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. 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.

