

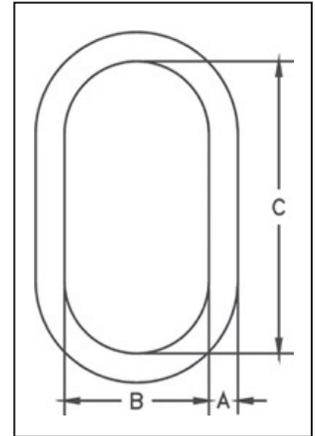
Alloy Master Links



A-342
Alloy Master Link

Ratings below are for use with chain slings fabricated in accordance with ASME B30.9. For other applications, see pages 160.

- Alloy Steel – Quenched and Tempered.
- Proof Tested with special fixtures used to prevent localized point loading. See pages 160 and 276 for proof test values and fixtures
- Crosby 7/8" to 2" 342 master links are type approved to DNV GL-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 page 164 for Crosby COLD TUFF® master links that meet the additional requirements of DNV rules for certification of lifting appliances - Loose Gear.
- 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.
- 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.
- Incorporates patented **QUIC-CHECK®** deformation indicators.



Chain & Accessories

A-342 Alloy Master Links

Size		A-342 Stock No.	Weight Each (lb)	Chain Size		Single Leg		Double Leg		Dimensions (in)			
(in)	(mm)			(in)	(mm)	WLL Based on Grade 80 Chain (lb)*	WLL Based on Grade 100 Chain (lb)*	WLL Based on Grade 80 Chain 60° Sling Angle (lb)*	WLL Based on Grade 100 Chain 60° Sling Angle (lb)*	A	B	C	Deformation Indicator
1/2W	13W	1014266	1.3	1/4	7	3500	4300	6100	7400	.62	2.80	5.00	3.50
				5/16	8	4500	5700	-	-				
5/8	16	1014280	1.5	5/16	8	4500	5700	7800	-	.62	3.00	6.00	3.50
				5/16	8	4500	5700	-	9900				
3/4W	19W	1014285	2.0	3/8	10	7100	8800	12300	-	.73	3.20	6.00	4.00
				3/8	10	7100	8800	12300	15200				
7/8W	22W	3522213	3.3	1/2	13	12000	15000	20800	26000	.88	3.75	6.38	4.50
				1/2	13	12000	15000	20800	26000				
1W	26W	3522214	6.1	5/8	16	18100	22600	-	-	1.10	4.30	7.50	5.50
				5/8	16	18100	22600	31300	39100				
1-1/4W	32W	3522215	12.0	3/4	20	28300	35300	-	-	1.33	5.50	9.50	7.00
				3/4	20	28300	35300	49000	61100				
1-1/2W	38W	3522216	18.6	7/8	22	34200	42700	-	-	1.61	5.90	10.50	7.50
				7/8	22	-	-	59200	74000				
1-3/4	44	3522217	25.2	1	26	47700	59700	-	-	1.75	6.00	12.00	7.50
				1	26	-	-	82600	103400				
2	51	3522218	37.0	1-1/4	32	72300	90400	-	-	2.00	7.00	14.00	9.00
				1-1/4	32	-	-	125200	-				
2-1/4	57	1014422	54.1	1-1/4	32	-	-	125200	-	2.25	8.00	16.00	10.00
2-1/2	63	1014468	68.5	1-1/4	32	72300	90400	125200	156600	2.5	8.38	16.00	11.00

* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to page 160 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. See chart on page 240 for other sling angles.