

Alloy Master Links



Ratings below are for use with chain slings fabricated in accordance with ASME B30.9.

- Alloy Steel — Quenched and Tempered.
- Individually Proof Tested with certification.
- Proof Tested with fixture sized to prevent localized point loading per ASTM A952. Consult Crosby for appropriate fixture size.
- Crosby A-342 products meet or exceed all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, Crosby products meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Sizes from 1/2" to 2" are drop forged and 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.

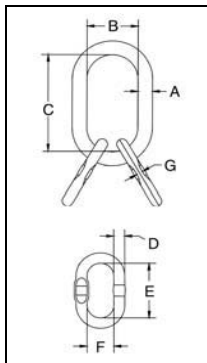
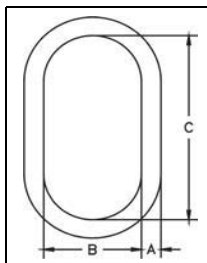
A-342



A-345



A-342 Alloy Master Links



Size		A-342 Stock No.	Weight Each (lbs.)	Chain Size		Single Leg		Double Leg		Dimensions (in.)			
(in.)	(mm)			(in.)	(mm)	WLL Based on Grade 80 Chain (lbs.)*	WLL Based on Grade 100 Chain (lbs.)*	WLL Based on Grade 80 Chain 60° Sling Angle (lbs.)*	WLL Based on Grade 100 Chain 60° Sling Angle (lbs.)*	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
				3/4	10	7100	8800	-	-				
3/4W	19W	1014285	2.0	5/16	8	4500	5700	-	9900	.73	3.20	6.00	4.00
				3/8	10	7100	8800	12300	15200				
7/8W	22W	1014319	3.3	1/2	13	12000	15000	-	-	.88	3.75	6.38	4.50
				5/8	16	18100	22600	-	-				
1W	26W	1014331	6.1	1/2	13	12000	15000	20800	26000	1.10	4.30	7.50	5.50
				5/8	16	18100	22600	-	-				
1-1/4W	32W	1014348	12.0	5/8	16	18100	22600	31300	39100	1.33	5.50	9.50	7.00
				3/4	20	28300	35300	-	-				
1-1/2W	38W	1014365	18.6	3/4	20	28300	35300	49000	61100	1.61	5.90	10.50	7.50
				7/8	22	34200	42700	-	-				
1-3/4	44	1014388	25.2	7/8	22	-	-	59200	-	1.75	6.00	12.00	7.50
				1	26	47700	-	-	-				
2	51	1014404	37.0	1	26	-	-	82600	-	2.00	7.00	14.00	9.00
				1-1/4	32	72300	-	-	-				
†† 2-1/4	†† 57	1014422	54.1	1-1/4	32	-	-	125200	-	2.25	8.00	16.00	-

* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. 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.
 ††Welded Master Link

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

Size		A-345 Stock No.	Weight Each (lbs.)	Chain Size		Three and Four Leg Sling		Dimensions (in.)							Engineered Flat for S-1325 (in.) - (mm)	
(in.)	(mm)			(in.)	(mm)	WLL Based on Grade 80 Chain 60° Sling Angle (lbs.)*	WLL Based on Grade 100 Chain 60° Sling Angle (lbs.)*	A	B	C	D	E	F	G		Defor. Indicator
3/4W	19W	1014739	3.5	1/4	7	9100	11200	.73	3.20	6.00	.56	3.35	1.77	.30	4.00	1/4"-5/16", 7-8mm
7/8W	22W	1014742	4.8	5/16	8	11700	14800	.88	3.75	6.38	.56	3.35	1.77	.30	4.50	-
1W	26W	1014766	9.3	3/8	10	18400	22900	1.10	4.30	7.50	.75	3.94	2.36	.33	5.50	3/8", 10mm
1-1/4W	32W	1014779	15.8	1/2	13	31200	39000	1.33	5.50	9.50	1.00	6.30	3.54	.51	7.00	1/2", 13mm
1-1/2W	38W	1014807	34.1	5/8	16	47000	58700	1.61	5.90	10.50	1.25	7.09	3.94	.65	7.50	5/8", 16mm
1-3/4	44	1014814	46.7	3/4	20	73500	-	1.75	6.00	12.00	1.38	8.00	5.00	.73	7.50	3/4", 20mm
2	51	1014832	67.2	7/8	22	88900	-	2.00	7.00	14.00	1.50	9.00	5.75	-	9.00	No Flat
2-1/2	64	1014850	142	1	26	123900	-	2.50	8.00	16.00	2.00	14.00	7.00	-	-	No Flat
2-3/4	70	1014859	196	1-1/4	32	187800	-	2.75	9.50	16.00	2.25	16.00	8.00	-	-	No Flat

* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit.

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