

Alloy Master Links

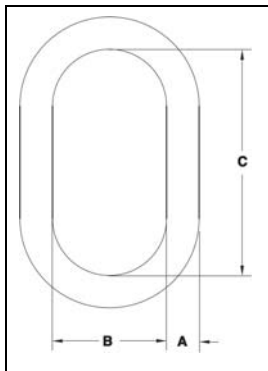


A-342



- Alloy Steel — Quenched and Tempered.
- Individually Proof Tested to values shown, 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 13 mm to 51 mm are drop forged and have a Product Identification Code (PIC) for material traceability, along with the size, the name Crosby and USA or BE 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.

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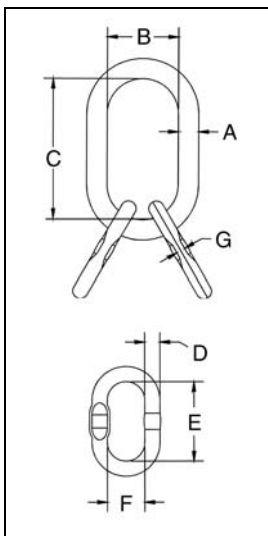
A-345



Size		A-342 Stock No.	Weight Each (kg)	WLL S.F.= 5/1 for Rope (t)*	Proof Load (kN)**	Dimensions (mm)			
(mm)	(in.)					A	B	C	Deformation Indicator
13W	1/2W	1014266	0.59	3.40	77	15.7	71.1	127	89
16	5/8	1014280	0.69	4.00	80	15.7	76.2	152	89
19W	3/4W	1014285	0.91	5.60	126	18.5	81.3	152	102
22W	7/8W	1014319	1.50	6.90	157	22.4	95.3	162	114
26W	1W	1014331	2.77	11.8	267	27.9	109	191	140
32W	1-1/4W	1014348	5.44	17.7	402	33.8	140	241	178
38W	1-1/2W	1014365	8.44	27.7	628	40.9	150	267	191
44	1-3/4	1014388	11.4	38.5	756	44.5	152	305	191
51	2	1014404	16.8	46.5	913	50.8	178	356	229
†† 57	†† 2-1/4	1014422	24.5	64.9	1287	57.2	203	406	-
†† 63	†† 2-1/2	1014468	30.7	72.6	1423	63.5	203	406	-
†† 70	†† 2-3/4	1014440	39.8	98.4	1930	69.9	241	406	-
†† 76	†† 3	1014486	52.0	103	2029	76.2	229	457	-
†† 83	†† 3-1/4	1014501	66.0	119	2332	82.6	254	508	-
†† 89	†† 3-1/2	1014529	91.0	126	2483	88.9	305	610	-
†† 95	†† 3-3/4	1015051	90.0	152	2990	95.3	254	508	-
†† 102	†† 4	1015060	103	169	3319	102	254	508	-
†† 108	†† 4-1/4	1015067	137	160	3150	108	305	610	-
†† 114	†† 4-1/2	1015079	156	163	3202	114	356	711	-
†† 121	†† 4-3/4	1015088	198	176	3460	121	356	711	-
†† 127	†† 5	1015094	234	179	3515	127	381	762	-

* Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5 (refer to local applicable standard). ** Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9. †† Welded Master Link.
For use with chain slings, refer to page 208 for sling ratings and page 206 for proper master link selection.

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



Size		A-345 Stock No.	Weight Each (kg)	Working Load Limit Based on 5:1 Design Factor (t)*	Proof Load (kN)**	Dimensions (mm)							Deformation Indicator
(mm)	(in.)					A	B	C	D	E	F	G	
19W	3/4W	1014739	1.59	5.6	126	18.5	81.3	152	14.2	85.1	45.0	7.62	102
22W	7/8W	1014742	2.18	6.9	157	22.4	95.3	162	14.2	85.1	45.0	7.62	114
26W	1W	1014766	4.22	11.8	267	27.9	109	191	19.1	100	59.9	8.38	140
32W	1-1/4W	1014779	7.17	17.7	402	33.8	140	241	25.4	160	89.9	13.0	178
38W	1-1/2W	1014807	15.47	27.7	628	40.9	150	267	31.8	180	100	16.5	191
44	1-3/4	1014814	20.9	38.5	755	44.5	152	305	35.1	203	127	18.5	191
51	2	1014832	30.4	46.5	912	50.8	178	356	38.1	229	146	-	229
64	2-1/2	1014850	64.4	72.6	1423	63.5	203	406	50.8	356	178	-	-
70	2-3/4	1014859	88.9	98.4	1929	69.9	241	406	57.2	406	203	-	-
102	4	1014995	183	169	3319	102	254	508	69.9	406	241	-	-

* Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5 (refer to local applicable standard). ** Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9.
For use with chain slings, refer to page 208 for sling ratings and page 206 for proper master link selection.