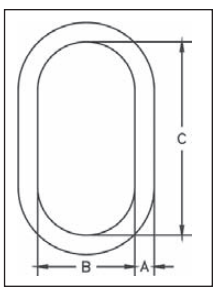
Alloy Master Links

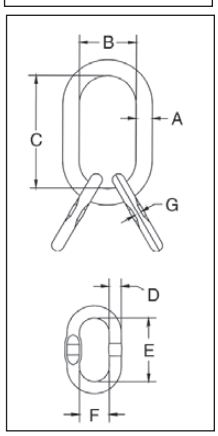
Ratings below are for use with chain slings fabricated in accordance with EN 818-4. For other applications, see page 159.

- Alloy Steel – Quenched and Tempered.
- Individually Proof Tested with certification. (See page 159 for Proof Test values.)
- Proof Tested with 60% inside width special fixtures sized to prevent localized point loading per ASTM A-952. Reference page 269.
- 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.

A-342

A-345





A-342 Alloy Master Links

Size		A-342 Stock No.	Weight Each (kg)	Chain Size		Single Leg		Double Leg		Dimensions (mm)			
(mm)	(in.)			(mm)	(in.)	WLL Based on Grade 80 Chain (t)*	WLL Based on Grade 100 Chain (t)	WLL Based on Grade 80 Chain 0-45° Sling Angle (t)	WLL Based on Grade 100 Chain 0-45° Sling Angle (t)	A	B	C	Deformation Indicator
13W	1/2W	1014266	0.59	7	1/4	1.50	2.00	2.12	2.80	15.7	71.1	127	89
				8	5/16	2.00	2.50	2.80	-				
16	5/8	1014280	0.69	8	5/16	2.00	2.50	2.80	3.55	15.7	76.2	152	89
				10	3/8	3.15	-	-	-				
19W	3/4W	1014285	0.91	10	3/8	3.15	4.00	4.25	-	18.5	81.3	152	102
22W	7/8W	1014319	1.50	10	3/8	3.15	4.00	4.25	5.60	22.4	95.3	162	114
				13	1/2	5.30	6.70	-	-				
26W	1W	1014331	2.77	13	1/2	5.30	6.70	7.50	9.50	27.9	109	191	140
				16	5/8	8.00	10.0	11.2	-				
32W	1-1/4W	1014348	5.44	16	5/8	8.00	10.0	11.2	14.0	33.8	140	241	178
				19	3/4	11.2	14.0	16.0	-				
38W	1-1/2W	1014365	8.44	19	3/4	11.2	14.0	16.0	20.0	40.9	150	267	191
				22	7/8	15.0	18.8	21.2	26.5				
44	1-3/4	1014388	11.4	22	7/8	15.0	18.8	21.2	26.5	44.5	152	305	191
				26	1	21.2	27.0	-	-				
51	2	1014404	16.8	26	1	21.2	27.0	30.0	38.0	50.8	178	356	229
				32	1-1/4	31.5	-	-	-				
57	2-1/4	1014468	24.5	32	1-1/4	31.5	40.0	45.0	56.0	57.2	203	406	254

* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to page 159 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 234 for other sling angles.

A-345 Master Link Assembly with Engineered Flat for Use with S-1325A Coupler Link

Size		A-345 Stock No.	Weight Each (kg)	Chain Size		Three and Four Leg Sling		Dimensions (mm)								Engineered Flat for S-1325 (mm) – (in.)
(mm)	(in.)			(mm)	(in.)	WLL Based on Grade 80 Chain 0-45° Sling Angle (t)*	WLL Based on Grade 100 Chain 0-45° Sling Angle (t)*	A	B	C	D	E	F	G	Deformation Indicator	
19W	3/4W	1014739	1.59	7	1/4	3.15	4.20	19	81.3	152	14.2	85.1	45.0	7.62	102	7-8mm – 1/4-5/16"
				8	5/16	4.25	-									
22W	7/8W	1014742	2.18	8	5/16	4.25	5.30	22	95.3	162	14.2	85.1	45.0	7.62	114	-
				10	3/8	6.70	-									
26W	1W	1014766	4.22	10	3/8	6.70	8.00	26	109	191	19.1	100	59.9	8.38	140	10mm – 3/8"
32W	1-1/4W	1014779	7.17	13	1/2	11.2	14.0	32	140	241	25.4	160	89.9	13.0	178	13mm – 1/2"
				16	5/8	17.0	21.2									
38W	1-1/2W	1014807	15.47	16	5/8	17.0	21.2	38	150	267	31.8	180	100	16.5	191	16mm – 5/8"
				19	3/4	23.6	-									
44	1-3/4	1014810	20.87	20	3/4	23.6	30.0	44	152	305	38	152	102	-	190	No Flat
57	2-1/4	1014845	44.00	22	7/8	31.5	39.4	57	203	406	48	203	140	-	254	No Flat
				26	1	45.0	57.0	57	203	406	48	203	140	-	254	No Flat
83	3-1/4	1014986	116	32	1-1/4	67.0	85.0	83	254	508	63	286	203	-	343	No Flat

* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to page 159 to determine products actual Ultimate Load. See chart on page 234 for other sling angles.