

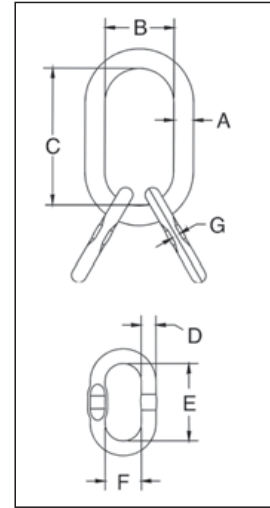
# Alloy Master Link Assembly with Engineered Flat



**A-345**  
Master Link Assembly  
with Engineered Flat

Ratings below are for use with chain slings fabricated in accordance with ASME B30.9. For other applications, see pages 161.

- Alloy Steel – Quenched and Tempered.
- Individually Proof Tested with certification. (See pages 161 for Proo Test values.)
- Proof Tested with 60% inside width special fixtures sized to prevent localized point loading per ASTM A-952. Reference page 276.
- 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-345 Master Link Assembly with Engineered Flat (for use with S-1325A coupler link)

Size		A-345 Stock No.	Weight Each (lb)	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 (lb)*	WLL Based on Grade 100 Chain 60° Sling Angle (lb)*	A	B	C	D	E	F	G		Deformation 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	1014810	46.7	3/4	20	73500	91700	1.75	6.00	12.00	1.50	6.00	4.00	-	7.50	No Flat
					7/8	22	88900	110900	2.25	8.00	16.00	1.88	8.00	5.50	-	10.00
2-1/4	57	1014845	97	1	26	123900	155100	2.25	8.00	16.00	1.88	8.00	5.50	-	10.00	No Flat
					32	187800	234900	3.25	10.00	20.00	2.50	11.25	8.00	-	13.50	No Flat

\* Chain slings require that the Minimum Ultimate Load be 4 times the Working Load Limit. Refer to page 161 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.