

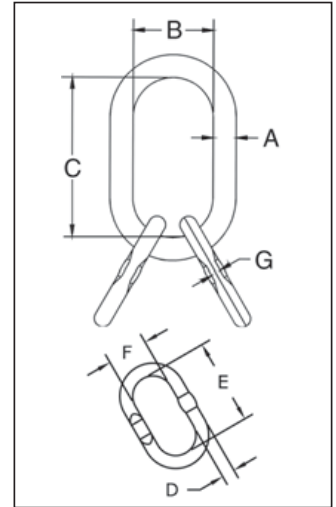
# Welded Master Links with Engineered Flat



**A-347  
Welded Master  
Links**

Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5. Based on single leg sling (in-line load), or resultant load on multiple legs with an included angle less than or equal to 120 degrees. \*\* 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 240 for sling ratings and page 245 for proper master link selection.

- Alloy Steel — Quenched and Tempered.
- Individually Proof Tested to values shown, with certification
- Proof Tested with 60% inside width special fixtures sized to prevent localized point loading per ASME A-952 , reference page 276.
- 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.
- Crosby 1 ¼” to 2” 344/347 master links are type approved to DNV Certification Notes 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.
- Engineered Flat for use with S-1325A coupler link.
- 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.



Rigging  
Accessories

## A-347 Welded Master Link Assembly with Engineered Flat

| Size   |       | A-347 Stock No | Weight Each (lb) | Working Load Limit (lb)* | Proof Load (lb)** | Dimensions (in) |      |       |      |       |      |     | Engineered Flat Size for S-1325A (in) |
|--------|-------|----------------|------------------|--------------------------|-------------------|-----------------|------|-------|------|-------|------|-----|---------------------------------------|
| (in)   | (mm)  |                |                  |                          |                   | A               | B    | C     | D    | E     | F    | G   |                                       |
| 1/2    | 13/12 | 1257692        | 1.80             | 5300                     | 13200             | .51             | 2.36 | 4.72  | .47  | 3.35  | 1.77 | .24 | —                                     |
| 11/16  | 17/13 | 1257762        | 3.40             | 9000                     | 22700             | .67             | 3.54 | 6.30  | .51  | 4.72  | 2.36 | .26 | 1/4                                   |
| 3/4    | 19/13 | 1257832        | 4.00             | 9300                     | 23400             | .75             | 3.54 | 6.30  | .51  | 4.72  | 2.36 | .26 | 1/4                                   |
| 7/8    | 22/17 | 1257972        | 7.20             | 14700                    | 36800             | .87             | 3.94 | 7.10  | .67  | 6.30  | 3.54 | .33 | 5/16                                  |
| 1-1/8  | 28/22 | 1258142        | 15.4             | 31900                    | 79800             | 1.10            | 5.71 | 10.83 | .87  | 7.10  | 3.94 | .41 | 3/8                                   |
| 1-7/32 | 31/25 | 1258182        | 20.8             | 37500                    | 93700             | 1.22            | 5.71 | 10.83 | .98  | 8.10  | 4.53 | .53 | 1/2                                   |
| 1-9/16 | 40/31 | 1258332        | 40.5             | 61900                    | 154900            | 1.57            | 6.30 | 11.80 | 1.22 | 10.63 | 5.50 | —   | —                                     |
| 1-3/4  | 45/36 | 1258402        | 58.2             | 84400                    | 211100            | 1.77            | 7.10 | 13.40 | 1.42 | 11.20 | 6.10 | —   | —                                     |
| 2      | 51/45 | 1258462        | 95.0             | 99200                    | 248000            | 2.00            | 7.50 | 13.80 | 1.80 | 13.40 | 7.10 | —   | —                                     |

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