

# THE JAMES WALKER CO.

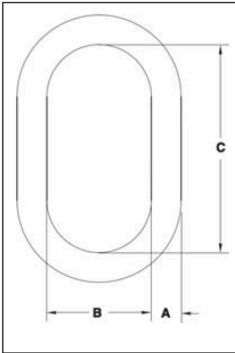
## CROSBY ALLOY MASTER LINKS

### 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 1/2" to 2" are drop forged and have a Product Identification Code (PIC) for material traceability, along with the size 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 Alloy Master Links



| Size     |        | A-342 Stock No. | Weight Each (lbs.) | Working Load Limit (lbs.)* | Proof Load (lbs.)** | Dimensions (in.) |       |       |                       |
|----------|--------|-----------------|--------------------|----------------------------|---------------------|------------------|-------|-------|-----------------------|
| (in.)    | (mm)   |                 |                    |                            |                     | A                | B     | C     | Deformation Indicator |
| 1/2W     | 13W    | 1014266         | 1.3                | 7400                       | 17200               | .62              | 2.80  | 5.00  | 3.50                  |
| 5/8      | 16     | 1014280         | 1.5                | 9000                       | 18000               | .62              | 3.00  | 6.00  | 3.50                  |
| 3/4W     | 19W    | 1014285         | 2.0                | 12300                      | 28400               | .73              | 3.20  | 6.00  | 4.00                  |
| 7/8W     | 22W    | 1014319         | 3.3                | 15200                      | 35200               | .88              | 3.75  | 6.38  | 4.50                  |
| 1W       | 26W    | 1014331         | 6.1                | 26000                      | 60000               | 1.10             | 4.30  | 7.50  | 5.50                  |
| 1-1/4W   | 32W    | 1014348         | 12.0               | 39100                      | 90400               | 1.33             | 5.50  | 9.50  | 7.00                  |
| 1-1/2W   | 38W    | 1014365         | 18.6               | 61100                      | 141200              | 1.61             | 5.90  | 10.50 | 7.50                  |
| 1-3/4    | 44     | 1014388         | 25.2               | 84900                      | 169800              | 1.75             | 6.00  | 12.00 | 7.50                  |
| 2        | 51     | 1014404         | 37.0               | 102600                     | 205200              | 2.00             | 7.00  | 14.00 | 9.00                  |
| †† 2-1/4 | †† 57  | 1014422         | 54.1               | 143100                     | 289200              | 2.25             | 8.00  | 16.00 | -                     |
| †† 2-1/2 | †† 63  | 1014468         | 67.8               | 160000                     | 320000              | 2.50             | 8.00  | 16.00 | -                     |
| †† 2-3/4 | †† 70  | 1014440         | 87.7               | 216900                     | 433800              | 2.75             | 9.50  | 16.00 | -                     |
| †† 3     | †† 76  | 1014486         | 115                | 228000                     | 456000              | 3.00             | 9.00  | 18.00 | -                     |
| †† 3-1/4 | †† 83  | 1014501         | 145                | 262200                     | 524400              | 3.25             | 10.00 | 20.00 | -                     |
| †† 3-1/2 | †† 89  | 1014529         | 200                | 279000                     | 558000              | 3.50             | 12.00 | 24.00 | -                     |
| †† 3-3/4 | †† 95  | 1015051         | 198                | 336000                     | 672000              | 3.75             | 10.00 | 20.00 | -                     |
| †† 4     | †† 102 | 1015060         | 228                | 373000                     | 746000              | 4.00             | 10.00 | 20.00 | -                     |
| †† 4-1/4 | †† 108 | 1015067         | 302                | 354000                     | 708000              | 4.25             | 12.00 | 24.00 | -                     |
| †† 4-1/2 | †† 114 | 1015079         | 345                | 360000                     | 720000              | 4.50             | 14.00 | 28.00 | -                     |
| †† 4-3/4 | †† 121 | 1015088         | 436                | 389000                     | 778000              | 4.75             | 14.00 | 28.00 | -                     |
| †† 5     | †† 127 | 1015094         | 516                | 395000                     | 790000              | 5.00             | 15.00 | 30.00 | -                     |

\* Ultimate Load is 5 times the Working Load Limit. Applications with wire rope and synthetic sling generally require a design factor of 5. \*\* Proof Test Load equals or exceeds the requirement of ASTM A952(8.1) and ASME B30.9. †† Welded Master Link.

**WARNING: DO NOT EXCEED RATED CAPACITIES**