

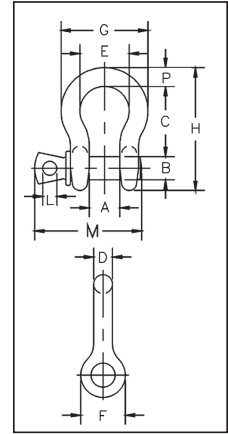
# Crosby® Alloy Screw Pin Shackles



**G-209A**

Screw pin anchor shackles meet the performance requirements of Federal Specification RR-C-271G, Type IVA, Grade B, Class 2, except for those provisions required of the contractor. For additional information, see page 452.

- Capacities 2 thru 21 metric tons. Meets performance requirements of Grade 8 shackles.
- Forged Alloy Steel – Quenched and Tempered, with alloy pins.
- Working Load Limit permanently shown on every shackle.
- Hot Dip Galvanized.
- Sizes 3/8 inch and below are mechanically galvanized.
- Shackles can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification. Charges for proof testing and certification available when requested at the time of order.
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these shackles meet other critical performance requirements including impact properties and material traceability, not addressed by ASME B30.26.



**SEE APPLICATION INFORMATION**

On Page 92 of the General Catalog  
Para Español: www.thecrosbygroup.com

## G-209A Alloy Screw Pin Shackles

| Nominal Size (in) | Working Load Limit (t)* | G-209A Stock No. | Weight Each (lb) | Dimensions (in) |      |      |      |      |      |      |      |     |      |      | Tolerance +/- |     |
|-------------------|-------------------------|------------------|------------------|-----------------|------|------|------|------|------|------|------|-----|------|------|---------------|-----|
|                   |                         |                  |                  | A               | B    | C    | D    | E    | F    | G    | H    | L   | M    | P    | C             | A   |
| 3/8               | 2                       | 1017450          | .31              | .66             | .44  | 1.44 | .38  | 1.03 | .91  | 1.78 | 2.49 | .25 | 2.03 | .38  | .13           | .06 |
| 7/16              | 2-2/3                   | 1017472          | .38              | .75             | .50  | 1.69 | .44  | 1.16 | 1.06 | 2.03 | 2.91 | .31 | 2.38 | .44  | .13           | .06 |
| 1/2               | 3-1/3                   | 1017494          | .63              | .81             | .63  | 1.88 | .50  | 1.31 | 1.19 | 2.31 | 3.28 | .38 | 2.69 | .50  | .13           | .06 |
| 5/8               | 5                       | 1017516          | 1.38             | 1.06            | .75  | 2.38 | .63  | 1.69 | 1.50 | 2.94 | 4.19 | .44 | 3.34 | .69  | .13           | .06 |
| 3/4               | 7                       | 1017538          | 2.35             | 1.25            | .88  | 2.81 | .75  | 2.00 | 1.81 | 3.50 | 4.97 | .50 | 3.97 | .81  | .25           | .06 |
| 7/8               | 9-1/2                   | 1017560          | 3.61             | 1.44            | 1.00 | 3.31 | .88  | 2.28 | 2.09 | 4.03 | 5.83 | .50 | 4.50 | .97  | .25           | .06 |
| 1                 | 12-1/2                  | 1017582          | 5.32             | 1.69            | 1.13 | 3.75 | 1.00 | 2.69 | 2.38 | 4.69 | 6.56 | .56 | 5.07 | 1.06 | .25           | .06 |
| 1-1/8             | 15                      | 1017604          | 7.25             | 1.81            | 1.25 | 4.25 | 1.16 | 2.91 | 2.69 | 5.16 | 7.47 | .63 | 5.59 | 1.25 | .25           | .06 |
| 1-1/4             | 18                      | 1017626          | 9.88             | 2.03            | 1.38 | 4.69 | 1.29 | 3.25 | 3.00 | 5.75 | 8.25 | .69 | 6.16 | 1.38 | .25           | .06 |
| 1-3/8             | 21                      | 1017648          | 13.25            | 2.25            | 1.50 | 5.25 | 1.42 | 3.63 | 3.31 | 6.38 | 9.16 | .75 | 6.84 | 1.50 | .25           | .13 |

\* Maximum Proof Load is 2 times the Working Load Limit (metric tons) and 2.2 times the Working Load Limit (short tons). Minimum Ultimate Strength is 4.5 times the Working Load Limit for metric tonnes, and 5 times the Working Load Limit for short tons. For Working Load Limit reduction due to side loading applications, see page 94.

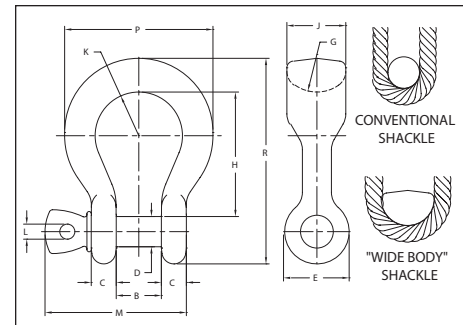


**G-2169**



**S-2169**

- Capacities of 7, 12.5 and 18 metric tons.
- Quenched and Tempered for maximum strength.
- Forged Alloy Steel.
- Available in galvanized and self colored finish.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these shackles meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Look for the Red Pin® . . . the mark of genuine Crosby quality.



**SEE APPLICATION INFORMATION**

On Page 92 of the General Catalog  
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## G-2169 / S-2169 Alloy Screw Pin “Wide Body” Shackles

| Working Load Limit (t)* | G-2169 Stock No. | S-2169 Stock No. | Weight Each (lb) | Dimensions (in) |      |           |      |      |      |      |      |     |      |      |      |  |
|-------------------------|------------------|------------------|------------------|-----------------|------|-----------|------|------|------|------|------|-----|------|------|------|--|
|                         |                  |                  |                  | B +/- .25       | C    | D +/- .02 | E    | G    | H    | J    | K    | L   | M    | P    | R    |  |
| 7                       | 1021655          | 1021664          | 3.5              | 1.25            | .69  | .88       | 1.82 | 1.25 | 3.56 | 1.60 | 1.25 | .50 | 3.97 | 4.10 | 5.87 |  |
| 12.5                    | 1021673          | 1021682          | 8.8              | 1.69            | .92  | 1.13      | 2.38 | 1.37 | 4.63 | 2.13 | 1.63 | .56 | 5.13 | 5.51 | 7.63 |  |
| 18                      | 1021691          | 1021699          | 13               | 2.03            | 1.16 | 1.38      | 2.69 | 1.50 | 5.81 | 2.50 | 2.00 | .69 | 6.25 | 6.76 | 9.38 |  |

\* Ultimate Load is 5 times the Working Load Limit. Proof Load is 2 times the Working Load Limit.