

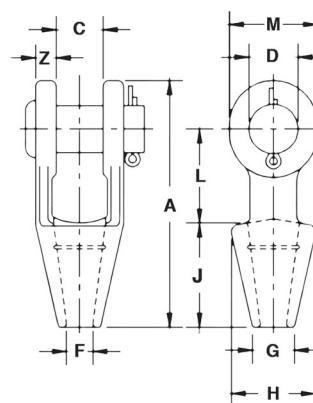


# WIRE ROPE END FITTINGS

## G-416 & S-416 OPEN SPELTER SOCKETS

- Forged Steel Sockets through 38mm, cast alloy steel 40mm through 102mm.
- Spelter socket terminations have an efficiency rating of 100%, based on the catalog strength of wire rope.
- Ratings are based on recommended use with 6 x 7, 6 x 19, or 6 x 37, IPS or XIP (EIP), XXIP (EEIP), RRL, FC, or IWRC wire rope.
- Strand constructed with minimal number of wires (e.g. 1 x 7) requires special consideration that socket basket length be five (5) times the strand diameter or fifty (50) times the wire diameter, whichever is the greater.

**Crosby**



| Rope size |                 | Stock code<br>G-416 Galv. | Stock code<br>S-416 S.C. | Structural<br>strand ø<br>(mm) | Ultimate<br>load<br>(t) | Weight<br>each<br>(kg) | Dimensions (mm) |      |      |      |      |      |      |      |      |      |      | Tolerance<br>+/- |
|-----------|-----------------|---------------------------|--------------------------|--------------------------------|-------------------------|------------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------------------|
| (mm)      | (in.)           |                           |                          |                                |                         |                        | A               | C    | D    | F    | G    | H    | J    | L    | M    | N    | C    |                  |
| 6-7       | 1/4             | XCRG416/6                 | XCRS416/6                | -                              | 4.50                    | 0.50                   | 116             | 19.1 | 17.5 | 9.65 | 17.5 | 39.6 | 57.0 | 39.6 | 33.3 | 9.1  | 1.52 |                  |
| 8-10      | 5/16-3/8        | XCRG416/8                 | XCRS416/8                | -                              | 12.0                    | 0.59                   | 123             | 20.6 | 20.6 | 12.7 | 20.6 | 42.9 | 57.0 | 44.5 | 38.1 | 11.2 | 1.52 |                  |
| 11-13     | 7/16-1/2        | XCRG416/11                | XCRS416/11               | -                              | 20.0                    | 1.02                   | 141             | 25.4 | 25.4 | 14.2 | 23.9 | 47.8 | 63.5 | 51.0 | 47.8 | 12.7 | 1.52 |                  |
| 14-16     | 9/16-5/8        | XCRG416/14                | XCRS416/14               | 12-13                          | 27.0                    | 1.63                   | 171             | 31.8 | 30.2 | 17.5 | 28.7 | 57.0 | 76.0 | 63.5 | 57.0 | 14.2 | 1.52 |                  |
| 18        | 3/4             | XCRG416/18                | XCRS416/18               | 14-16                          | 43.0                    | 2.64                   | 202             | 38.1 | 35.1 | 20.6 | 31.8 | 66.5 | 89.0 | 76.0 | 66.5 | 15.7 | 1.52 |                  |
| 20-22     | 7/8             | XCRG416/20                | XCRS416/20               | 18-19                          | 55.0                    | 4.38                   | 235             | 44.5 | 41.4 | 23.9 | 38.1 | 82.5 | 102  | 89.0 | 79.5 | 20.3 | 1.52 |                  |
| 24-26     | 1               | XCRG416/24                | XCRS416/24               | 20-22                          | 78.0                    | 7.03                   | 268             | 51.0 | 51.0 | 28.7 | 44.5 | 95.5 | 114  | 102  | 95.5 | 22.4 | 1.52 |                  |
| 28-30     | 1-1/8           | XCRG416/28                | XCRS416/28               | 24-26                          | 92.0                    | 9.75                   | 300             | 57.0 | 57.0 | 31.8 | 51.0 | 105  | 127  | 117  | 105  | 25.4 | 3.05 |                  |
| 32-35     | 1-1/4 - 1-3/8   | XCRG416/32                | XCRS416/32               | 28                             | 136                     | 14.1                   | 335             | 63.5 | 63.5 | 38.1 | 57.0 | 121  | 140  | 127  | 121  | 28.7 | 3.05 |                  |
| 38        | 1-1/2           | XCRG416/38                | XCRS416/38               | 30-32                          | 170                     | 21.4                   | 384             | 76.0 | 70.0 | 41.4 | 70.0 | 133  | 152  | 152  | 137  | 30.2 | 3.05 |                  |
| * 40-42   | * 1-5/8         | XCRG416/40                | XCRS416/40               | 33-35                          | 188                     | 24.9                   | 413             | 76.0 | 76.0 | 44.5 | 76.0 | 140  | 165  | 165  | 146  | 33.3 | 3.05 |                  |
| * 44-48   | * 1-3/4 - 1-7/8 | XCRG416/44                | XCRS416/44               | 36-40                          | 268                     | 37.2                   | 464             | 89.0 | 89.0 | 51.0 | 79.5 | 162  | 191  | 178  | 165  | 39.6 | 3.05 |                  |
| * 50-54   | * 2 - 2-1/8     | XCRG416/50                | XCRS416/50               | 42-45                          | 291                     | 59                     | 546             | 102  | 95.5 | 57.0 | 95.5 | 187  | 216  | 229  | 178  | 46.0 | 3.05 |                  |
| * 56-60   | * 2-1/4 - 2-3/8 | XCRG416/56                | XCRS416/56               | 46-48                          | 360                     | 76                     | 597             | 114  | 108  | 63.5 | 102  | 210  | 229  | 254  | 197  | 54.0 | 3.05 |                  |
| * 64-67   | * 2-1/2 - 2-5/8 | XCRG416/64                | XCRS416/64               | 50-54                          | 424                     | 114                    | 648             | 127  | 121  | 73.0 | 114  | 235  | 248  | 274  | 216  | 60.5 | 3.05 |                  |
| * 70-73   | * 2-3/4 - 2-7/8 | XCRG416/70                | XCRS416/70               | 56-62                          | 511                     | 143                    | 692             | 133  | 127  | 79.0 | 124  | 267  | 279  | 279  | 229  | 73.0 | 6.35 |                  |
| * 75-80   | * 3 - 3-1/8     | XCRG416/75                | XCRS416/75               | 64-67                          | 563                     | 172                    | 737             | 146  | 133  | 86.0 | 133  | 282  | 305  | 287  | 241  | 76.0 | 6.35 |                  |
| * 82-86   | * 3-1/4 - 3-3/8 | XCRG416/82                | XCRS416/82               | 70-73                          | 722                     | 197                    | 784             | 159  | 140  | 92.0 | 146  | 302  | 330  | 300  | 254  | 79.0 | 6.35 |                  |
| * 88-92   | * 3-1/2 - 3-5/8 | XCRG416/88                | XCRS416/88               | 76-80                          | 779                     | 255                    | 845             | 171  | 152  | 98.5 | 165  | 314  | 356  | 318  | 274  | 82.5 | 6.35 |                  |
| * 94-102  | * 3-3/4 - 4     | XCRG416/94                | XCRS416/94               | -                              | 875                     | 355                    | 921             | 191  | 178  | 108  | 184  | 346  | 381  | 343  | 318  | 89.0 | 6.35 |                  |

\* Cast Alloy Steel. NOTE: AVAILABLE WITH BOLT, NUT AND COTTER. CONTACT AMS FOR MORE INFORMATION.