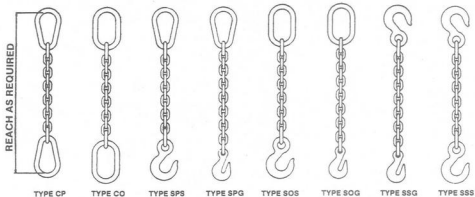
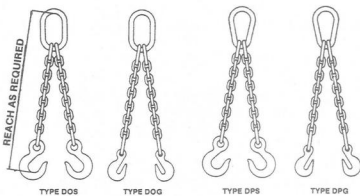




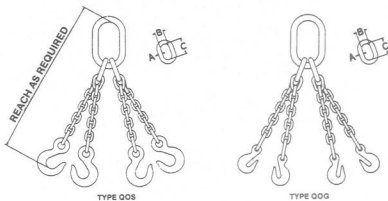
**SINGLE TYPES: S and C**



**DOUBLE TYPE: D**



**QUADRUPLE TYPE: Q**



# CHAIN CHAIN SLINGS



## RATED CAPACITY (WORKING LOAD LIMIT) FOR ALLOY STEEL CHAIN SLINGS\* RATED CAPACITY (WORKING LOAD LIMIT), POUNDS

| Chain Size Inches | Single Branch Sling 90 degree Loading | Double Sling |           |           | Triple and Quadruple Sling |           |           |
|-------------------|---------------------------------------|--------------|-----------|-----------|----------------------------|-----------|-----------|
|                   |                                       | 60 degree    | 45 degree | 30 degree | 60 degree                  | 45 degree | 30 degree |
| 9/32              | 3,500                                 | 6,100        | 4,900     | 3,500     | 9,100                      | 7,400     | 5,200     |
| 3/8               | 7,100                                 | 12,300       | 10,000    | 7,100     | 18,400                     | 15,100    | 10,600    |
| 1/2               | 12,000                                | 20,800       | 17,000    | 12,000    | 31,200                     | 25,600    | 18,000    |
| 5/8               | 18,100                                | 31,300       | 25,600    | 18,100    | 47,000                     | 38,400    | 27,100    |
| 3/4               | 28,300                                | 49,000       | 40,000    | 28,300    | 73,500                     | 60,000    | 42,400    |
| 7/8               | 34,200                                | 59,200       | 48,400    | 34,200    | 88,900                     | 72,500    | 51,300    |
| 1                 | 47,700                                | 82,600       | 67,400    | 47,700    | 123,900                    | 101,200   | 71,500    |
| 1-1/4             | 72,300                                | 125,200      | 102,200   | 72,300    | 187,800                    | 153,400   | 108,400   |
| 1-1/2             | 80,000                                | 138,600      | 113,100   | 80,000    | ---                        | ---       | ---       |

Rating of multileg slings adjusted for angle of loading between the inclined leg and the horizontal plane of the load.

\*Other grades of proof tested steel chain include Proof Coil, BBB Coil and Hi-Test Chain. These grades are not recommended for overhead lifting and therefore are not covered by this code.

### MAXIMUM ALLOWABLE WEAR AT ANY POINT OF LINK

| Chain Size (Inches) | Maximum allowable wear (inch) | Chain Size (Inches) | Maximum allowable wear (inch) |
|---------------------|-------------------------------|---------------------|-------------------------------|
| 1/4                 | 3/64                          | 7/8                 | 11/64                         |
| 3/8                 | 5/64                          | 1                   | 3/16                          |
| 1/2                 | 7/64                          | 1-1/8               | 7/32                          |
| 5/8                 | 9/64                          | 1-1/4               | 1/4                           |
| 3/4                 | 5/32                          | 1-3/8               | 9/32                          |
|                     |                               | 1-1/2               | 5/16                          |
|                     |                               | 1-3/4               | 11/32                         |



**CHAIN  
CHAIN SLINGS**

**Grade 3**

| GRADE 3 PROOF COIL - GRADE 3 CHAIN |                      |                           |                                 |                                |                                    |                            |
|------------------------------------|----------------------|---------------------------|---------------------------------|--------------------------------|------------------------------------|----------------------------|
| Trade Size Inches                  | Size Material Inches | Working Load Limit Pounds | Nominal Inside Length in Inches | Nominal Inside Width in Inches | Maximum Length 100 Links in Inches | Weight Per 100 Feet Pounds |
| 3/16                               | .218                 | 850                       | .95                             | .40                            | 99                                 | 40                         |
| 1/4                                | .281                 | 1,450                     | 1.00                            | .50                            | 104                                | 73                         |
| 5/16                               | .343                 | 2,200                     | 1.10                            | .50                            | 114                                | 110                        |
| 3/8                                | .406                 | 3,050                     | 1.23                            | .62                            | 128                                | 159                        |
| 1/2                                | .531                 | 5,150                     | 1.50                            | .81                            | 156                                | 275                        |
| 5/8                                | .656                 | 7,900                     | 1.87                            | 1.00                           | 194                                | 408                        |
| 3/4                                | .781                 | 11,150                    | 2.12                            | 1.12                           | 220                                | 581                        |

**Grade 4**

| GRADE 4 HIGH TEST - GRADE 4 CHAIN |                      |                           |                                 |                                |                                    |                            |
|-----------------------------------|----------------------|---------------------------|---------------------------------|--------------------------------|------------------------------------|----------------------------|
| Trade Size Inches                 | Size Material Inches | Working Load Limit Pounds | Nominal Inside Length in Inches | Nominal Inside Width in Inches | Maximum Length 100 Links in Inches | Weight Per 100 Feet Pounds |
| 1/4                               | .281                 | 2,600                     | .82                             | .39                            | 86                                 | 77                         |
| 5/16                              | .343                 | 3,900                     | 1.01                            | .48                            | 105                                | 117                        |
| 3/8                               | .406                 | 5,400                     | 1.15                            | .56                            | 121                                | 165                        |
| 7/16                              | .468                 | 7,200                     | 1.29                            | .65                            | 135                                | 220                        |
| 1/2                               | .531                 | 9,200                     | 1.43                            | .75                            | 150                                | 282                        |
| 5/8                               | .656                 | 12,750                    | 1.79                            | .90                            | 186                                | 422                        |
| 3/4                               | .781                 | 18,500                    | 1.96                            | 1.06                           | 205                                | 615                        |

**Grade 7**

| TRANSPORT GRADE 7 GRADE 7 CHAIN |                      |                           |                                 |                                |                                    |                            |
|---------------------------------|----------------------|---------------------------|---------------------------------|--------------------------------|------------------------------------|----------------------------|
| Trade Size Inches               | Size Material Inches | Working Load Limit Pounds | Nominal Inside Length in Inches | Nominal Inside Width in Inches | Maximum Length 100 Links in Inches | Weight Per 100 Feet Pounds |
| 1/4                             | .281                 | 3,600                     | .82                             | .39                            | 86                                 | 77                         |
| 5/16                            | .343                 | 5,400                     | 1.01                            | .48                            | 105                                | 117                        |
| 3/8                             | .406                 | 7,500                     | 1.15                            | .56                            | 121                                | 165                        |
| 7/16                            | .468                 | 10,000                    | 1.29                            | .65                            | 135                                | 220                        |
| 1/2                             | .531                 | 12,750                    | 1.43                            | .75                            | 150                                | 282                        |
| 5/8                             | .656                 | 19,000                    | 1.79                            | .90                            | 186                                | 422                        |

**Grade 8**

| GRADE 8 ALLOY - GRADE 8 CHAIN |                      |                           |                                 |                                |                |                            |
|-------------------------------|----------------------|---------------------------|---------------------------------|--------------------------------|----------------|----------------------------|
| Trade Size Inches             | Size Material Inches | Working Load Limit Pounds | Nominal Inside Length in Inches | Nominal Inside Width in Inches | Links Per Foot | Weight Per 100 Feet Pounds |
| 1/4                           | .280                 | 3,500                     | .85                             | .42                            | 14 1/8         | 75                         |
| 5/16                          | .343                 | 4,500                     | 1.00                            | .47                            | 12             | 92                         |
| 3/8                           | .390                 | 7,100                     | 1.14                            | .53                            | 10 1/2         | 145                        |
| 1/2                           | .515                 | 12,000                    | 1.43                            | .69                            | 8 3/8          | 256                        |
| 5/8                           | .640                 | 18,100                    | 1.74                            | .83                            | 6 7/8          | 404                        |
| 3/4                           | .765                 | 28,300                    | 2.04                            | .97                            | 5 7/8          | 575                        |
| 7/8                           | .875                 | 34,200                    | 2.32                            | 1.11                           | 5 1/8          | 730                        |