



ECLIPSE FASTENERS (AUST)

WEIGHTS

Grade 5 & Grade 8

Unified Hexagon Head Bolts & Nuts

Kilograms per 100 pcs

| Length | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1.1/8 | 1.1/4 |
|-------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| 3/4 | 1.0 | 1.7 | 2.6 | | | | | | | |
| 1 | 1.2 | 2.0 | 3.0 | 6.6 | 12.1 | | | | | |
| 1.1/4 | 1.4 | 2.2 | 3.0 | 7.2 | 13.1 | 21.1 | | | | |
| 1.1/2 | 1.5 | 2.4 | 3.7 | 7.9 | 14.1 | 22.5 | 30.9 | | | |
| 1.3/4 | 1.7 | 2.7 | 4.0 | 8.5 | 15.1 | 24.0 | 32.9 | | | |
| 2 | 1.8 | 2.9 | 4.4 | 9.1 | 16.1 | 25.4 | 33.4 | 47.2 | | |
| 2.1/4 | 2.0 | 3.2 | 4.7 | 9.8 | 17.0 | 26.8 | 35.3 | 49.9 | | |
| 2.1/2 | 2.1 | 3.4 | 5.1 | 10.4 | 18.0 | 28.2 | 37.2 | 52.2 | | |
| 2.3/4 | 2.3 | 3.7 | 5.4 | 11.0 | 19.0 | 29.6 | 39.2 | 54.9 | | |
| 3 | 2.5 | 3.9 | 5.8 | 11.6 | 20.0 | 31.0 | 41.1 | 57.6 | 103.3 | |
| 3.1/4 | 2.6 | 4.2 | 6.1 | 12.3 | 21.0 | 32.4 | 43.0 | 59.9 | | |
| 3.1/2 | 2.8 | 4.4 | 6.5 | 12.9 | 21.9 | 33.8 | 44.9 | 62.6 | 83.5 | |
| 4 | 3.1 | 4.9 | 7.2 | 14.2 | 23.9 | 36.7 | 48.8 | 67.6 | 89.8 | 117.1 |
| 4.1/2 | 3.4 | 5.4 | 7.9 | 15.4 | 25.6 | 39.1 | 52.1 | 71.7 | 95.3 | |
| 5 | 3.7 | 5.9 | 8.6 | 16.7 | 27.6 | 42.0 | 55.9 | 77.1 | 101.6 | 131.2 |
| 5.1/2 | 4.0 | 6.4 | 9.3 | 17.9 | 29.5 | 44.8 | 59.7 | 82.1 | 108.0 | |
| 6 | 4.3 | 6.8 | 10.0 | 1.2 | 31.5 | 47.6 | 63.5 | 87.1 | 114.3 | 147.1 |
| 6.1/2 | | | 10.8 | 20.4 | 33.5 | 50.4 | 67.4 | 92.1 | 120.7 | |
| 7 | | | 11.4 | 21.7 | 35.4 | 53.3 | 71.2 | 97.1 | 127.0 | |
| 7.1/2 | | | 12.2 | 23.0 | 37.4 | 56.1 | 75.1 | 102.1 | | |
| 8 | | | 12.9 | 24.2 | 39.3 | 58.9 | 78.9 | 107.0 | 139.7 | 178.8 |
| 8.1/2 | | | 13.5 | 25.3 | 41.1 | 61.3 | 82.2 | 111.6 | | |
| 9 | | | 14.2 | 26.6 | 43.0 | 64.2 | 86.0 | 116.6 | 151.5 | |
| 9.1/2 | | | 14.9 | 27.8 | 45.0 | 67.0 | 89.9 | 121.6 | 157.9 | |
| 10 | | | 15.7 | 29.1 | 46.9 | 69.8 | 93.7 | 126.6 | 164.2 | 208.8 |
| 10.1/2 | | | 16.4 | 30.4 | 48.9 | 72.6 | 97.5 | 131.5 | 170.6 | |
| 11 | | | 17.1 | 31.6 | 50.9 | 75.5 | 101.4 | 137.0 | | |
| 11.1/2 | | | 17.8 | 32.9 | 52.9 | 78.3 | 105.1 | 142.0 | | |
| 12 | | | 18.5 | 34.1 | 54.8 | 81.1 | 109.0 | 147.0 | 190.1 | 240.0 |
| 13 | | | | 37.3 | 60.6 | 89.7 | 117.5 | 159.9 | | |
| 14 | | | | 39.9 | 64.5 | 95.4 | 126.0 | 170.1 | | |
| 15 | | | | 42.4 | 68.5 | 101.1 | 134.5 | 180.3 | | |
| 16 | | | | 45.0 | 72.5 | 106.9 | 143.0 | 190.5 | | |
| 17 | | | | 47.5 | 76.5 | 112.6 | 150.8 | 200.7 | | |
| 18 | | | | 30.1 | 80.5 | 118.3 | 158.6 | 210.9 | | |
| 19 | | | | 52.6 | 84.5 | 124.1 | 166.4 | 221.1 | | |
| 20 | | | | 55.1 | 88.4 | 129.8 | 175.2 | 231.3 | | |
| 21 | | | | 57.5 | 92.4 | 135.5 | 182.0 | 241.5 | | |
| 22 | | | | 60.2 | 96.4 | 141.3 | 189.8 | 241.7 | | |
| 23 | | | | 62.8 | 100.4 | 147.0 | 197.6 | 261.9 | | |
| 24 | | | | 65.3 | 104.4 | 152.7 | 205.4 | 272.1 | | |
| Bolts Only Deduct | 0.3 | 0.5 | 0.8 | 2.2 | 4.3 | 7.2 | 8.8 | 13.3 | 18.3 | 26.0 |