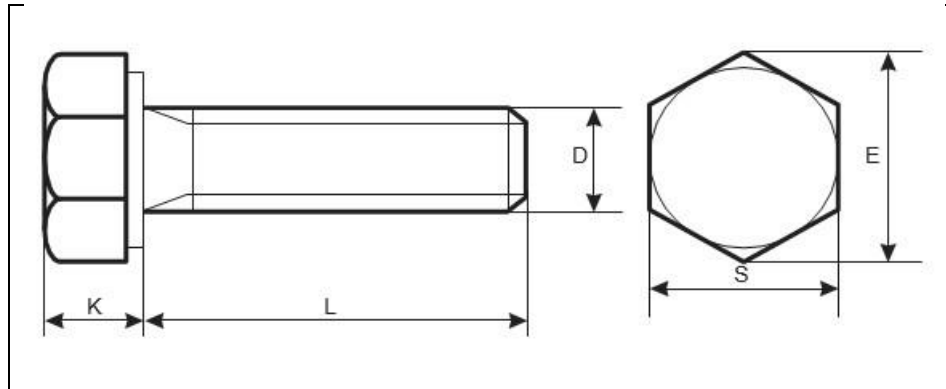




## Product Dimensions and Weights

## DIN 558 ISO 4018 Specifications

## Metric DIN 558 Fully Threaded Hexagon Screws/Bolts



| D      | M5                   | M6    | M8   | M10   | M12   | M14   | M16   | M20   | M24   |
|--------|----------------------|-------|------|-------|-------|-------|-------|-------|-------|
| S      | 8                    | 10    | 13   | 17    | 19    | 22    | 24    | 30    | 36    |
| E      | 8.63                 | 10.89 | 14.2 | 18.72 | 20.88 | 23.91 | 26.17 | 32.95 | 39.55 |
| K      | 3.5                  | 4     | 5.5  | 7     | 8     | 9     | 10    | 13    | 15    |
| L (mm) | Weight kg / 1000 pcs |       |      |       |       |       |       |       |       |
|        |                      |       |      |       |       |       |       |       |       |
| 10     |                      | 5.1   | 11.1 |       |       |       |       |       |       |
| 12     |                      | 5.1   | 11.1 | 21.2  |       |       |       |       |       |
| 16     | 3.4                  | 5.1   | 11.1 | 21.2  | 30.2  |       |       |       |       |
| 20     | 3.9                  | 5.8   | 12.3 | 23.2  | 33.0  | 48.0  | 83.5  |       |       |
| 25     | 4.5                  | 6.7   | 13.9 | 25.7  | 36.6  | 55.0  | 70.2  | 126.0 |       |
| 30     | 5.1                  | 7.5   | 15.5 | 28.2  | 40.2  | 53.9  | 76.9  | 136.0 | 214.0 |
| 35     | 5.7                  | 8.4   | 17.1 | 30.7  | 43.8  | 62.9  | 88.5  | 147.0 | 229.0 |



|     |     |      |      |      |      |       |       |       |       |
|-----|-----|------|------|------|------|-------|-------|-------|-------|
| 40  | 6.4 | 9.2  | 18.7 | 33.2 | 47.4 | 67.9  | 90.9  | 157.0 | 244.0 |
| 45  | 7.0 | 10.1 | 20.3 | 35.7 | 51.0 | 72.9  | 97.1  | 167.0 | 259.0 |
| 50  | 7.6 | 11.0 | 21.8 | 38.2 | 54.5 | 77.9  | 108.0 | 178.0 | 274.0 |
| 55  | 8.2 | 11.8 | 23.3 | 40.7 | 58.1 | 82.9  | 110.0 | 188.0 | 289.0 |
| 60  | 8.8 | 12.7 | 24.8 | 43.4 | 61.7 | 87.9  | 117.0 | 199.0 | 304.0 |
| 65  |     | 13.5 | 26.3 | 45.9 | 65.3 | 92.8  | 123.0 | 209.0 | 319.0 |
| 70  |     | 14.4 | 27.8 | 48.5 | 68.9 | 79.8  | 130.0 | 219.0 | 335.0 |
| 80  |     |      | 30.8 | 53.7 | 76.1 | 107.0 | 144.0 | 240.0 | 363.0 |
| 90  |     |      | 33.8 | 58.9 | 83.3 | 117.0 | 158.0 | 261.0 | 382.0 |
| 100 |     |      | 36.8 | 64.1 | 90.5 | 127.0 | 172.0 | 282.0 | 401.0 |

All measurements are in mm

Metric DIN 558 Fully Threaded Hexagon Screws/bolts have threads running the full length of the shaft, from the face side under the head to the tip. Fully threaded screws and bolts are used frequently in assemblies where grip strength is a critical feature as there are more threads and surface area in contact with the assembled parts. Typically a fully threaded bolt is tightened into a fully threaded hole of the assembled parts. Since the bolt is fully threaded, the grip is exerted along the full length of the bolt. Once fully tightened the resulting holding pressure at the head where it meets the assembly is significant and strongly resists loosening. Unique Fasteners offers over 500,000 unique fastener products from stock in inch and metric standard in a variety of materials and finishes. The following sizes DIN 558 Fully Threaded Hexagon Screws/Bolts are available for immediate shipping from stock: Diameters ranging from M3 to M48 up to 300mm long in stainless steel A2 and A4.

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as Metric DIN 558 Fully Threaded Hexagon Screws/bolts. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization. The ISO equivalent for DIN 558 Fully Threaded Hexagon Screws/Bolts is ISO 4018.