

Metric Bolt Size Chart (M3–M36) – Engineering Reference

This quick reference chart provides common metric bolt sizes with thread pitch, spanner size and clearance hole dimensions. Use this chart when selecting bolts for engineering, construction and machinery applications.

| Bolt Size | Thread Pitch | Spanner Size | Clearance Hole |
|-----------|--------------|--------------|----------------|
| M3 | 0.5 mm | 5.5 mm | 3.2 mm |
| M4 | 0.7 mm | 7 mm | 4.2 mm |
| M5 | 0.8 mm | 8 mm | 5.2 mm |
| M6 | 1.0 mm | 10 mm | 6.2 mm |
| M8 | 1.25 mm | 13 mm | 8.2 mm |
| M10 | 1.5 mm | 17 mm | 10.5 mm |
| M12 | 1.75 mm | 19 mm | 13 mm |
| M14 | 2.0 mm | 22 mm | 15 mm |
| M16 | 2.0 mm | 24 mm | 17 mm |
| M20 | 2.5 mm | 30 mm | 21 mm |
| M24 | 3.0 mm | 36 mm | 25 mm |
| M30 | 3.5 mm | 46 mm | 31 mm |
| M36 | 4.0 mm | 55 mm | 37 mm |