



Metric Gear Racks

20° Pressure Angle DIN 782

Continuous Mounting - Material: Stainless Steel 1.4305 (AISI 3030)

| Part No. | Module | Height h_a | h | Width b (h11) | Length L |
|----------------|--------|--------------|------------|---------------|----------|
| SSM1X10X500 | 1 | 9.8-0.10 | 8.8-0.10 | 10 | 500 |
| SSM1X10X1000 | 1 | 9.8-0.15 | 8.8-0.15 | 10 | 1,000 |
| SSM1.5X15X500 | 1.5 | 14.8-0.10 | 13.3-0.10 | 15 | 500 |
| SSM1.5X15X1000 | 1.5 | 14.8-0.15 | 13.3-0.15 | 15 | 1,000 |
| SSM2X20X1000 | 2 | 19.75-0.15 | 17.75-0.15 | 20 | 1,000 |
| SSM2X20X2000 | 2 | 19.75-0.25 | 17.75-0.25 | 20 | 2,000 |
| SSM3X30X1000 | 3 | 29.75-0.20 | 26.75-0.20 | 30 | 1,000 |
| SSM3X30X2000 | 3 | 29.75-0.30 | 26.75-0.30 | 30 | 2,000 |
| SSM4X40X1000 | 4 | 39.70-0.20 | 35.70-0.20 | 40 | 1,000 |
| SSM4X40X2000 | 4 | 39.70-0.30 | 35.70-0.30 | 40 | 2,000 |

Induction Hardened, Continuous Mounting

| Part No. | Module | Teeth | Height h_a (- tol.) | h (- tol.) | b tol. h11 | theor. L | l (\pm tol.) | Weight kg |
|----------------|--------|-------|-----------------------|-------------|------------|-----------|-------------------|-----------|
| ..M1X10X250 | 1 | 80 | 9.8 -0.10 | 8.8 -0.10 | 10 | 251.327 | 250.8 \pm 0.5 | 0.17 |
| ..M1X10X500 | 1 | 159 | 9.8 -0.10 | 8.8 -0.10 | 10 | 499.513 | 499.0 \pm 0.5 | 0.34 |
| ..M1X10X1000 | 1 | 318 | 9.8 -0.15 | 8.8 -0.15 | 10 | 999.026 | 998.5 \pm 0.5 | 0.68 |
| ..M1.5X15X250 | 1.5 | 53 | 14.8 -0.10 | 13.3 -0.10 | 15 | 249.757 | 249.3 \pm 0.5 | 0.39 |
| ..M1.5X15X500 | 1.5 | 106 | 14.8 -0.10 | 13.3 -0.10 | 15 | 499.513 | 499.1 \pm 0.5 | 0.78 |
| ..M1.5X15X1000 | 1.5 | 212 | 14.8 -0.15 | 13.3 -0.15 | 15 | 999.026 | 998.6 \pm 0.5 | 1.55 |
| ..M1.5X15X2000 | 1.5 | 424 | 14.8 -0.15 | 13.3 -0.15 | 15 | 1,998.053 | 1,997.6 \pm 0.5 | 3.10 |
| ..M2X20X500 | 2 | 80 | 19.75 -0.10 | 17.75 -0.10 | 20 | 502.655 | 502.1 \pm 0.5 | 1.40 |
| ..M2X20X1000 | 2 | 159 | 19.75 -0.15 | 17.75 -0.15 | 20 | 999.026 | 998.5 \pm 0.5 | 2.80 |
| ..M2X20X2000 | 2 | 318 | 19.75 -0.25 | 17.75 -0.25 | 20 | 1,998.053 | 1,997.5 \pm 0.5 | 5.60 |
| ..M2.5X25X500 | 2.5 | 64 | 24.75 -0.10 | 22.25 -0.10 | 25 | 502.655 | 502.1 \pm 0.3 | 2.10 |
| ..M2.5X25X1000 | 2.5 | 127 | 24.75 -0.15 | 22.25 -0.15 | 25 | 997.456 | 996.9 \pm 0.3 | 4.20 |
| ..M2.5X25X2000 | 2.5 | 255 | 24.75 -0.25 | 22.25 -0.25 | 25 | 2,002.765 | 2,002.3 \pm 0.3 | 8.40 |
| ..M3X30X500 | 3 | 53 | 29.75 -0.10 | 26.75 -0.10 | 30 | 499.513 | 498.9 \pm 0.5 | 3.10 |
| ..M3X30X1000 | 3 | 106 | 29.75 -0.20 | 26.75 -0.20 | 30 | 999.026 | 998.4 \pm 0.5 | 6.20 |
| ..M3X30X2000 | 3 | 212 | 29.75 -0.30 | 26.75 -0.30 | 30 | 1,998.053 | 1,997.4 \pm 0.5 | 12.40 |
| ..M4X40X500 | 4 | 40 | 39.70 -0.10 | 35.70 -0.10 | 40 | 502.655 | 501.9 \pm 0.5 | 5.50 |
| ..M4X40X1000 | 4 | 80 | 39.70 -0.20 | 35.70 -0.20 | 40 | 1,005.313 | 1,004.6 \pm 0.5 | 11.00 |
| ..M4X40X2000 | 4 | 159 | 39.70 -0.30 | 35.70 -0.30 | 40 | 1,998.053 | 1,997.3 \pm 0.5 | 22.00 |
| ..M5X50X500 | 5 | 32 | 49.70 -0.10 | 44.70 -0.10 | 50 | 502.655 | 501.8 \pm 0.6 | 8.60 |
| ..M5X50X1000 | 5 | 64 | 49.70 -0.20 | 44.70 -0.20 | 50 | 1,005.310 | 1,004.5 \pm 0.6 | 17.20 |
| ..M5X50X2000 | 5 | 128 | 49.70 -0.30 | 44.70 -0.30 | 50 | 2,010.619 | 2,009.8 \pm 0.6 | 34.40 |
| ..M6X60X500 | 6 | 27 | 59.65 -0.10 | 53.65 -0.10 | 60 | 508.938 | 508.0 \pm 0.6 | 12.30 |
| ..M6X60X1000 | 6 | 53 | 59.65 -0.20 | 53.65 -0.20 | 60 | 999.026 | 998.1 \pm 0.6 | 24.50 |
| ..M6X60X2000 | 6 | 106 | 59.65 -0.30 | 53.65 -0.30 | 60 | 1,998.053 | 1,997.2 \pm 0.6 | 49.00 |
| ..M8X80X500 | 8 | 20 | 79.60 -0.30 | 71.60 -0.30 | 80 | 502.655 | 501.4 \pm 0.7 | 21.40 |
| ..M8X80X1000 | 8 | 40 | 79.60 -0.40 | 71.60 -0.40 | 80 | 1,005.310 | 1,004.0 \pm 0.7 | 42.70 |
| ..M8X80X2000 | 8 | 80 | 79.60 -0.50 | 71.60 -0.50 | 80 | 2,010.619 | 2,009.4 \pm 0.7 | 85.40 |

Note: Add the prefix of the part number CM.. for continuous mounting or HTC.. for induction hardened, continuous mounting type rack