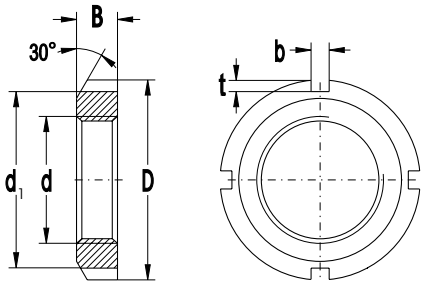
# Locknuts

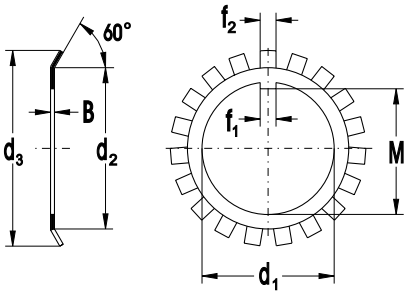
## d = M10 x 0.75 to M200 x 3




| Dimensions d | D | $d_1$ | B | b | t | Nut Designation KM | KMA | Corresp.- Locking Washer | Weight ~ |
|---|---|---|---|---|---|---|---|---|---|
| mm | | | | | | | | | kg |
| M10x0.75 | 18 | 13.5 | 4 | 3 | 2.0 | **KM0** | | MB0 | 0.004 |
| M12x1 | 22 | 17 | 4 | 3 | 2.0 | **KM1** | | MB1 | 0.007 |
| M15x1 | 25 | 21 | 5 | 4 | 2.0 | **KM2** | | MB2 | 0.010 |
| M17x1 | 28 | 24 | 5 | 4 | 2.0 | **KM3** | | MB3 | 0.013 |
| M20x1 | 32 | 26 | 6 | 4 | 2.0 | **KM4** | | MB4 | 0.019 |
| M25x1.5 | 38 | 32 | 7 | 5 | 2.0 | **KM5** | **KMA5** | MB5 | 0.025 |
| M30x1.5 | 45 | 38 | 7 | 5 | 2.0 | **KM6** | **KMA6** | MB6 | 0.043 |
| M35x1.5 | 52 | 44 | 8 | 5 | 2.0 | **KM7** | **KMA7** | MB7 | 0.053 |
| M40x1.5 | 58 | 50 | 9 | 6 | 2.5 | **KM8** | **KMA8** | MB8 | 0.085 |
| M45x1.5 | 65 | 56 | 10 | 6 | 2.5 | **KM9** | **KMA9** | MB9 | 0.120 |
| M50x1.5 | 70 | 61 | 11 | 6 | 2.5 | **KM10** | **KMA10** | MB10 | 0.150 |
| M55x2 | 75 | 67 | 11 | 7 | 3.0 | **KM11** | **KMA11** | MB11 | 0.160 |
| M60x2 | 80 | 73 | 11 | 7 | 3.0 | **KM12** | **KMA12** | MB12 | 0.170 |
| M65x2 | 85 | 79 | 12 | 7 | 3.0 | **KM13** | **KMA13** | MB13 | 0.200 |
| M70x2 | 92 | 85 | 12 | 8 | 3.5 | **KM14** | **KMA14** | MB14 | 0.240 |
| M75x2 | 98 | 90 | 13 | 8 | 3.5 | **KM15** | **KMA15** | MB15 | 0.290 |
| M80x2 | 105 | 95 | 15 | 8 | 3.5 | **KM16** | **KMA16** | MB16 | 0.400 |
| M85x2 | 110 | 102 | 16 | 8 | 3.5 | **KM17** | **KMA17** | MB17 | 0.450 |
| M90x2 | 120 | 108 | 16 | 10 | 4.0 | **KM18** | **KMA18** | MB18 | 0.560 |
| M95x2 | 125 | 113 | 17 | 10 | 4.0 | **KM19** | | MB19 | 0.660 |
| M100x2 | 130 | 120 | 18 | 10 | 4.0 | **KM20** | **KMA20** | MB20 | 0.700 |
| M105x2 | 140 | 126 | 18 | 12 | 5.0 | **KM21** | **KMA21** | MB21 | 0.840 |
| M110x2 | 145 | 133 | 19 | 12 | 5.0 | **KM22** | **KMA22** | MB22 | 0.970 |
| M115x2 | 150 | 137 | 19 | 12 | 5.0 | **KM23** | | MB23 | 1.010 |
| M120x2 | 155 | 138 | 20 | 12 | 5.0 | **KM24** | **KMA24** | MB24 | 1.080 |
| M125x2 | 160 | 148 | 21 | 12 | 5.0 | **KM25** | **KMA25** | MB25 | 1.190 |
| M130x2 | 165 | 149 | 21 | 12 | 6.0 | **KM26** | **KMA26** | MB26 | 1.250 |
| M135x2 | 175 | 160 | 22 | 14 | 6.0 | **KM27** | | MB27 | 1.550 |
| M140x2 | 180 | 160 | 22 | 14 | 6.0 | **KM28** | | MB28 | 1.600 |
| M150x2 | 195 | 171 | 24 | 14 | 6.0 | **KM30** | | MB30 | 2.030 |
| M160x3 | 210 | 182 | 25 | 16 | 7.0 | **KM32** | | MB32 | 2.590 |
| M170x3 | 220 | 193 | 26 | 16 | 7.0 | **KM34** | | MB34 | 2.800 |
| M180x3 | 230 | 203 | 27 | 18 | 8.0 | **KM36** | | MB36 | 3.070 |
| M190x3 | 240 | 214 | 28 | 18 | 8.0 | **KM38** | | MB38 | 3.390 |
| M200x3 | 250 | 226 | 29 | 18 | 8.0 | **KM40** | | MB40 | 3.690 |

# Locking Washers

**$d_1$ = 10 to 200 mm**




| Dimensions | | | | | | | Locking Washer Designation | Weight 100 pcs ~ |
|---|---|---|---|---|---|---|---|---|
| $d_1$ | $d_2$ | $d_3$ ~ | B ~ | $f_1$ | $f_2$ | M | | |
| mm | | | | | | | | kg |
| 10 | 13.5 | 21 | 1.00 | 3 | 3 | 8.5 | **MB0** | 0.130 |
| 12 | 17.0 | 25 | 1.00 | 3 | 3 | 10.5 | **MB1** | 0.200 |
| 15 | 21.0 | 28 | 1.00 | 4 | 4 | 13.5 | **MB2** | 0.260 |
| 17 | 24.0 | 32 | 1.00 | 4 | 4 | 15.5 | **MB3** | 0.320 |
| 20 | 26.0 | 36 | 1.00 | 4 | 4 | 18.5 | **MB4** | 0.350 |
| 25 | 32.0 | 42 | 1.25 | 5 | 5 | 23.0 | **MB5** | 0.640 |
| 30 | 38.0 | 49 | 1.25 | 5 | 5 | 27.5 | **MB6** | 0.780 |
| 35 | 44.0 | 57 | 1.25 | 6 | 5 | 32.5 | **MB7** | 1.040 |
| 40 | 50.0 | 62 | 1.25 | 6 | 6 | 37.5 | **MB8** | 1.230 |
| 45 | 56.0 | 69 | 1.25 | 6 | 6 | 42.5 | **MB9** | 1.520 |
| 50 | 61.0 | 74 | 1.25 | 6 | 6 | 47.5 | **MB10** | 1.600 |
| 55 | 67.0 | 81 | 1.50 | 8 | 7 | 52.5 | **MB11** | 1.960 |
| 60 | 73.0 | 86 | 1.50 | 8 | 7 | 57.5 | **MB12** | 2.530 |
| 65 | 79.0 | 92 | 1.50 | 8 | 7 | 62.2 | **MB13** | 2.900 |
| 70 | 85.0 | 98 | 1.50 | 8 | 8 | 66.5 | **MB14** | 3.340 |
| 75 | 90.0 | 104 | 1.50 | 8 | 8 | 71.5 | **MB15** | 3.560 |
| 80 | 95.0 | 112 | 1.80 | 10 | 8 | 76.5 | **MB16** | 4.640 |
| 85 | 102.0 | 119 | 1.80 | 10 | 8 | 81.5 | **MB17** | 5.240 |
| 90 | 108.0 | 126 | 1.80 | 10 | 10 | 86.5 | **MB18** | 6.230 |
| 95 | 113.0 | 133 | 1.80 | 10 | 10 | 91.5 | **MB19** | 6.700 |
| 100 | 120.0 | 140 | 1.80 | 12 | 10 | 96.5 | **MB20** | 7.650 |
| 105 | 126.0 | 145 | 1.80 | 12 | 12 | 100.5 | **MB21** | 8.260 |
| 110 | 133.0 | 154 | 1.80 | 12 | 12 | 105.5 | **MB22** | 9.400 |
| 115 | 137.0 | 159 | 2.00 | 12 | 12 | 110.5 | **MB23** | 10.800 |
| 120 | 135.0 | 148 | 2.00 | 14 | 12 | 115.0 | **MBL24** | 7.000 |
| | 138.0 | 164 | 2.00 | 14 | 12 | 115.0 | **MB24** | 10.500 |
| 125 | 148.0 | 170 | 2.00 | 14 | 12 | 120.0 | **MB25** | 11.800 |
| 130 | 149.0 | 175 | 2.00 | 14 | 12 | 125.0 | **MB26** | 11.300 |
| 135 | 160.0 | 185 | 2.00 | 14 | 14 | 130.0 | **MB27** | 14.400 |
| 140 | 160.0 | 192 | 2.00 | 16 | 14 | 135.0 | **MB28** | 14.200 |
| 150 | 171.0 | 205 | 2.00 | 16 | 14 | 145.0 | **MB30** | 15.500 |
| 160 | 182.0 | 217 | 2.50 | 18 | 16 | 154.0 | **MB32** | 22.200 |
| 170 | 193.0 | 232 | 2.50 | 18 | 16 | 164.0 | **MB34** | 24.700 |
| 180 | 203.0 | 242 | 2.50 | 20 | 18 | 174.0 | **MB36** | 16.800 |
| 190 | 214.0 | 252 | 2.50 | 20 | 18 | 184.0 | **MB38** | 27.800 |
| 200 | 226.0 | 262 | 2.50 | 20 | 18 | 194.0 | **MB40** | 29.300 |