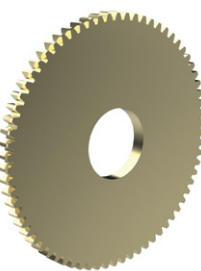




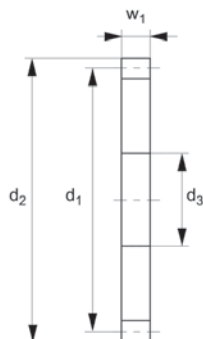
# Spur Gears - Module 0.75 - Brass

brass - 50-120 teeth - hubless

Standard Spur Gears



R5135



## Material

Brass (C3604B). Accuracy to JIS B 1702-1 (ISO) class 9.

## Technical Notes

20° pressure angle, full depth tooth.  
Amount of backlash when assembling

gears = 0,015 - 0,045mm.

## Tips

For module 0.75 brass gears with fewer teeth, see R5130, R5132 & R5133. For a version of this product with hub, see R5136.

Max. allowable torque (Nm) is based on standard operating conditions (see technical pages) with a safety factor of 1.2. For non standard applications apply a suitable safety factor depending on frequency of use, type of working etc.

| Order No.     | Module | No. of teeth z | Pitch dia. $d_1$ | $d_2$ | $w_1$ | $d_3$<br>tol. H8 | Torque<br>Nm<br>max. | Weight<br>g |
|---------------|--------|----------------|------------------|-------|-------|------------------|----------------------|-------------|
| R5135.075-050 | m 0.75 | 50             | 37.5             | 39.0  | 3     | 15               | 0.86                 | 23.7        |
| R5135.075-055 | m 0.75 | 55             | 41.3             | 42.8  | 3     | 15               | 0.96                 | 29.6        |
| R5135.075-056 | m 0.75 | 56             | 42.0             | 43.5  | 3     | 15               | 0.98                 | 30.8        |
| R5135.075-058 | m 0.75 | 58             | 43.5             | 45.0  | 3     | 15               | 1.03                 | 33.4        |
| R5135.075-060 | m 0.75 | 60             | 45.0             | 46.5  | 3     | 15               | 1.07                 | 36.1        |
| R5135.075-062 | m 0.75 | 62             | 46.5             | 48.0  | 3     | 15               | 1.11                 | 38.8        |
| R5135.075-064 | m 0.75 | 64             | 48.0             | 49.5  | 3     | 15               | 1.16                 | 41.6        |
| R5135.075-065 | m 0.75 | 65             | 48.8             | 50.3  | 3     | 15               | 1.18                 | 43.1        |
| R5135.075-066 | m 0.75 | 66             | 49.5             | 51.0  | 3     | 15               | 1.20                 | 44.6        |
| R5135.075-068 | m 0.75 | 68             | 51.0             | 52.5  | 3     | 15               | 1.24                 | 47.6        |
| R5135.075-070 | m 0.75 | 70             | 52.5             | 54.0  | 3     | 15               | 1.28                 | 50.7        |
| R5135.075-072 | m 0.75 | 72             | 54.0             | 55.5  | 3     | 15               | 1.33                 | 53.9        |
| R5135.075-075 | m 0.75 | 75             | 56.3             | 57.8  | 3     | 15               | 1.39                 | 58.9        |
| R5135.075-080 | m 0.75 | 80             | 60.0             | 61.5  | 3     | 15               | 1.50                 | 67.6        |
| R5135.075-085 | m 0.75 | 85             | 63.8             | 65.3  | 3     | 15               | 1.61                 | 76.9        |
| R5135.075-090 | m 0.75 | 90             | 67.5             | 69.0  | 3     | 15               | 1.72                 | 86.7        |
| R5135.075-095 | m 0.75 | 95             | 71.3             | 72.8  | 3     | 15               | 1.82                 | 97.2        |
| R5135.075-100 | m 0.75 | 100            | 75.0             | 76.5  | 3     | 15               | 1.93                 | 108.1       |
| R5135.075-105 | m 0.75 | 105            | 78.8             | 80.3  | 3     | 15               | 2.04                 | 119.7       |
| R5135.075-110 | m 0.75 | 110            | 82.5             | 84.0  | 3     | 15               | 2.15                 | 131.8       |
| R5135.075-115 | m 0.75 | 115            | 86.3             | 87.8  | 3     | 15               | 2.26                 | 144.5       |
| R5135.075-120 | m 0.75 | 120            | 90.0             | 91.5  | 3     | 15               | 2.37                 | 157.7       |