

# Ballscrews

## Peeled Ballscrews

### 2.3.5 Flanged double nut DDB (DIN 69051 Part 5)

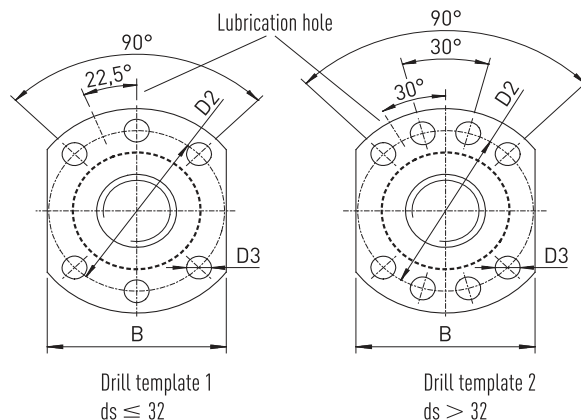
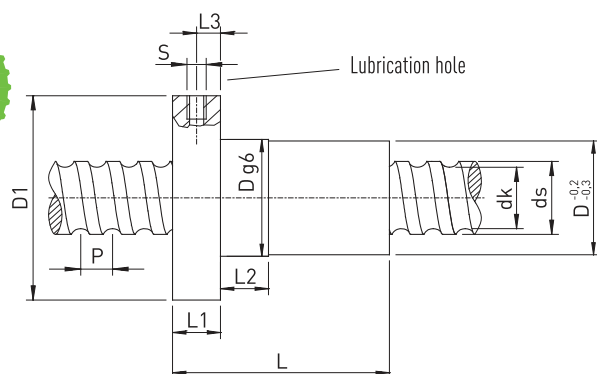


Table 2.10 Dimensions of the nut

| Article number | ds<br>h6 | P  | D<br>g6 | D1  | D2  | D3   | L   | L1 | L2 | L3 | S    | B   | dk   | Dyn.<br>Load<br>C <sub>dyn</sub> [N] | Stat.<br>Load<br>C <sub>0</sub> [N] | Mass<br>[kg/pc.] |
|----------------|----------|----|---------|-----|-----|------|-----|----|----|----|------|-----|------|--------------------------------------|-------------------------------------|------------------|
| R16-05T3-DDB   | 16       | 5  | 28      | 48  | 38  | 5,5  | 80  | 10 | 10 | 5  | M6   | 40  | 13,5 | 9600                                 | 12700                               | 0,36             |
| R20-05T4-DDB   | 20       | 5  | 36      | 58  | 47  | 6,6  | 82  | 10 | 10 | 5  | M6   | 44  | 17,5 | 13900                                | 21800                               | 0,45             |
| R25-05T4-DDB   | 25       | 5  | 40      | 62  | 51  | 6,6  | 95  | 10 | 10 | 5  | M6   | 48  | 22,5 | 15600                                | 27900                               | 0,55             |
| R25-10T3-DDB   | 25       | 10 | 40      | 62  | 51  | 6,6  | 115 | 10 | 16 | 5  | M6   | 48  | 21,0 | 24100                                | 36200                               | 0,60             |
| R32-05T5-DDB   | 32       | 5  | 50      | 80  | 65  | 9,0  | 95  | 12 | 10 | 6  | M6   | 62  | 29,5 | 20700                                | 43900                               | 0,97             |
| R32-10T4-DDB   | 32       | 10 | 50      | 80  | 65  | 9,0  | 138 | 14 | 16 | 7  | M6   | 62  | 27,8 | 40900                                | 63200                               | 1,03             |
| R32-20T2-DDB   | 32       | 20 | 50      | 80  | 65  | 9,0  | 138 | 14 | 16 | 7  | M6   | 62  | 27,8 | 20300                                | 26800                               | 1,02             |
| R40-05T5-DDB   | 40       | 5  | 63      | 93  | 78  | 9,0  | 109 | 14 | 10 | 7  | M8x1 | 70  | 37,5 | 22500                                | 54600                               | 1,55             |
| R40-10T4-DDB   | 40       | 10 | 63      | 93  | 78  | 9,0  | 150 | 14 | 16 | 7  | M8x1 | 70  | 35,8 | 46800                                | 82600                               | 2,15             |
| R40-20T2-DDB   | 40       | 20 | 63      | 93  | 78  | 9,0  | 150 | 14 | 16 | 7  | M8x1 | 70  | 35,8 | 23800                                | 36400                               | 1,80             |
| R50-05T5-DDB   | 50       | 5  | 75      | 110 | 93  | 11,0 | 112 | 16 | 10 | 8  | M8x1 | 85  | 47,5 | 24900                                | 69800                               | 2,16             |
| R50-10T4-DDB   | 50       | 10 | 75      | 110 | 93  | 11,0 | 164 | 16 | 16 | 8  | M8x1 | 85  | 45,8 | 52800                                | 106800                              | 2,50             |
| R50-20T3-DDB   | 50       | 20 | 75      | 110 | 93  | 11,0 | 196 | 16 | 16 | 8  | M8x1 | 85  | 45,8 | 40000                                | 76200                               | 4,34             |
| R63-10T6-DDB   | 63       | 10 | 90      | 125 | 108 | 11,0 | 205 | 18 | 16 | 9  | M8x1 | 95  | 58,8 | 84700                                | 210800                              | 4,40             |
| R63-20T4-DDB   | 63       | 20 | 95      | 135 | 115 | 13,5 | 270 | 20 | 25 | 10 | M8x1 | 100 | 55,4 | 105000                               | 250000                              | 6,95             |
| R80-10T6-DDB   | 80       | 10 | 105     | 145 | 125 | 13,5 | 205 | 20 | 16 | 10 | M8x1 | 110 | 75,8 | 93400                                | 269200                              | 4,75             |
| R80-20T4-DDB   | 80       | 20 | 125     | 165 | 145 | 13,5 | 280 | 25 | 25 | 12 | M8x1 | 130 | 72,4 | 135000                               | 322000                              | 13,85            |

- Reduced axial play on request
- DIN nuts for peeled ballscrew spindles
- Mating dimensions to DIN 69051 Part 5
- Nuts with dust wipers
- Precision ground ball grooves
- Left-hand nuts on request
- Nut-housing (page 112)

Order example: **R** **63** **10** **T6** **DDB** **3850** **3972** **0,052**