

# Ballscrews

## Peeled Ballscrews

### 2.3.7 Cylindrical double nut ZD

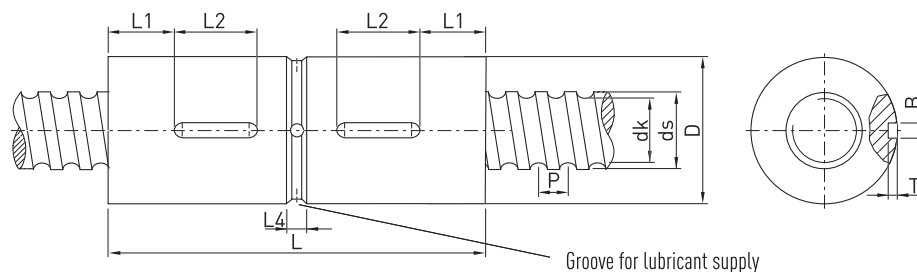


Table 2.12 Dimensions of the nut

| Article number | ds<br>h6 | P  | D<br>g7 | L   | L1 | L2 | L4 | T<br>+0,1 | B<br>P9 | 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-ZD    | 16       | 5  | 28      | 72  | 14 | 16 | 4  | 2,4       | 4       | 13,5 | 9600                                 | 12700                               | 0,20             |
| R20-05T4-ZD    | 20       | 5  | 36      | 86  | 15 | 20 | 4  | 2,4       | 4       | 17,5 | 13900                                | 21800                               | 0,39             |
| R25-05T4-ZD    | 25       | 5  | 40      | 100 | 20 | 20 | 5  | 2,4       | 4       | 22,5 | 15600                                | 27900                               | 0,48             |
| R25-10T3-ZD    | 25       | 10 | 48      | 115 | 20 | 20 | 5  | 2,4       | 4       | 21,0 | 24100                                | 36200                               | 0,80             |
| R32-05T5-ZD    | 32       | 5  | 48      | 100 | 20 | 20 | 5  | 2,4       | 4       | 29,5 | 20700                                | 43900                               | 0,63             |
| R32-10T4-ZD    | 32       | 10 | 56      | 136 | 25 | 25 | 6  | 2,4       | 4       | 27,8 | 32000                                | 47500                               | 1,30             |
| R32-20T2-ZD    | 32       | 20 | 56      | 142 | 28 | 25 | 6  | 2,4       | 4       | 27,8 | 20300                                | 26800                               | 1,30             |
| R40-05T5-ZD    | 40       | 5  | 56      | 108 | 20 | 20 | 6  | 2,4       | 4       | 37,5 | 22500                                | 54600                               | 0,78             |
| R40-10T4-ZD    | 40       | 10 | 62      | 142 | 28 | 25 | 6  | 2,4       | 4       | 35,8 | 46500                                | 82600                               | 1,34             |
| R40-20T2-ZD    | 40       | 20 | 62      | 146 | 30 | 25 | 6  | 2,4       | 4       | 35,8 | 23800                                | 36400                               | 1,51             |
| R50-05T5-ZD    | 50       | 5  | 68      | 108 | 20 | 20 | 6  | 2,4       | 4       | 47,5 | 24900                                | 69800                               | 1,40             |
| R50-10T4-ZD    | 50       | 10 | 72      | 168 | 35 | 25 | 8  | 2,4       | 4       | 45,8 | 52800                                | 106800                              | 1,72             |
| R50-20T3-ZD    | 50       | 20 | 72      | 190 | 47 | 25 | 6  | 2,4       | 4       | 45,8 | 40000                                | 76200                               | 1,95             |
| R63-10T6-ZD    | 63       | 10 | 85      | 208 | 44 | 32 | 6  | 3,5       | 6       | 58,8 | 84700                                | 210800                              | 2,81             |
| R63-20T4-ZD    | 63       | 20 | 95      | 260 | 65 | 32 | 6  | 3,5       | 6       | 55,4 | 105000                               | 250000                              | 7,30             |
| R80-10T6-ZD    | 80       | 10 | 105     | 208 | 44 | 32 | 6  | 3,5       | 6       | 75,8 | 93400                                | 269200                              | 5,50             |
| R80-20T4-ZD    | 80       | 20 | 125     | 285 | 55 | 32 | 8  | 4,1       | 8       | 72,4 | 135000                               | 322000                              | 14,90            |

- Nuts with dust wiper
- Precision ground ball grooves
- Left-hand nuts on request

Order example: R 16 05 T3 ZD 420 495 0,052