

### 2.3.6 Cylindrical single nut ZE

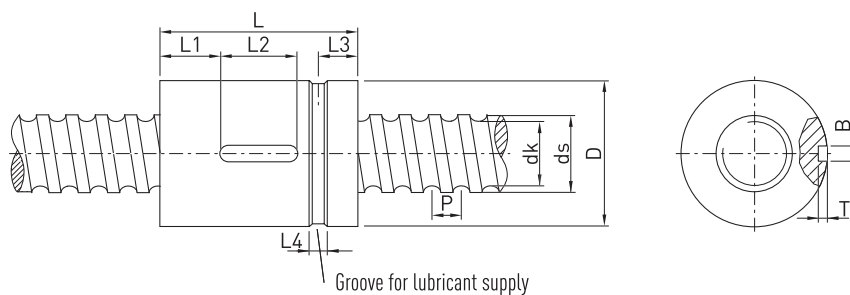


Table 2.11 Dimensions of the nut

| Article number | ds<br>h6 | P  | D<br>g7 | L<br>±0,2 | L1   | L2 | L3 | 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] | Axial<br>play<br>max. [mm] | Mass<br>[kg/pc.] |
|----------------|----------|----|---------|-----------|------|----|----|----|-----------|---------|------|--------------------------------------|-------------------------------------|----------------------------|------------------|
| R16-05T3-ZE    | 16       | 5  | 28      | 40        | 12,0 | 16 | 9  | 4  | 2,4       | 4       | 13,5 | 9600                                 | 12700                               | 0,02                       | 0,10             |
| R20-05T4-ZE    | 20       | 5  | 36      | 51        | 15,0 | 20 | 10 | 4  | 2,4       | 4       | 17,5 | 13900                                | 21800                               | 0,02                       | 0,23             |
| R25-05T4-ZE    | 25       | 5  | 40      | 60        | 20,0 | 20 | 12 | 5  | 2,4       | 4       | 22,5 | 15600                                | 27900                               | 0,02                       | 0,29             |
| R25-10T3-ZE    | 25       | 10 | 48      | 65        | 22,0 | 20 | 15 | 5  | 2,4       | 4       | 21,0 | 24100                                | 36200                               | 0,02                       | 0,50             |
| R32-05T5-ZE    | 32       | 5  | 48      | 60        | 20,0 | 20 | 12 | 5  | 2,4       | 4       | 29,5 | 20700                                | 43900                               | 0,02                       | 0,38             |
| R32-10T4-ZE    | 32       | 10 | 56      | 80        | 27,0 | 25 | 15 | 5  | 2,4       | 4       | 27,8 | 40900                                | 63200                               | 0,02                       | 0,74             |
| R32-20T2-ZE    | 32       | 20 | 56      | 80        | 27,0 | 25 | 15 | 5  | 2,4       | 4       | 27,8 | 20300                                | 26800                               | 0,02                       | 0,70             |
| R40-05T5-ZE    | 40       | 5  | 56      | 68        | 24,0 | 20 | 15 | 6  | 2,4       | 4       | 37,5 | 22500                                | 54600                               | 0,02                       | 0,44             |
| R40-10T4-ZE    | 40       | 10 | 62      | 88        | 31,0 | 25 | 15 | 6  | 2,4       | 4       | 35,8 | 46800                                | 82600                               | 0,02                       | 0,85             |
| R40-20T2-ZE    | 40       | 20 | 62      | 88        | 31,0 | 25 | 15 | 6  | 2,4       | 4       | 35,8 | 23800                                | 36400                               | 0,03                       | 0,88             |
| R50-05T5-ZE    | 50       | 5  | 68      | 69        | 24,0 | 20 | 15 | 6  | 2,4       | 4       | 47,5 | 24900                                | 69800                               | 0,02                       | 0,72             |
| R50-10T4-ZE    | 50       | 10 | 72      | 100       | 37,0 | 25 | 17 | 6  | 2,4       | 4       | 45,8 | 52800                                | 106800                              | 0,02                       | 1,04             |
| R50-20T3-ZE    | 50       | 20 | 72      | 114       | 44,0 | 25 | 17 | 6  | 2,4       | 4       | 45,8 | 40000                                | 76200                               | 0,03                       | 1,10             |
| R63-10T6-ZE    | 63       | 10 | 85      | 120       | 44,0 | 32 | 17 | 6  | 3,5       | 6       | 58,8 | 84700                                | 210800                              | 0,04                       | 1,73             |
| R63-20T4-ZE    | 63       | 20 | 95      | 135       | 52,0 | 32 | 17 | 6  | 3,5       | 6       | 55,4 | 105000                               | 250000                              | 0,04                       | 3,80             |
| R80-10T6-ZE    | 80       | 10 | 105     | 120       | 44,0 | 32 | 17 | 8  | 3,5       | 6       | 75,8 | 93400                                | 269200                              | 0,04                       | 2,80             |
| R80-20T4-ZE    | 80       | 20 | 125     | 150       | 52,0 | 45 | 17 | 8  | 3,5       | 6       | 72,4 | 135000                               | 322000                              | 0,05                       | 7,80             |
| R80-20T6-ZEH   | 78       | 20 | 130     | 182       | 68,5 | 45 | 19 | 8  | 4,0       | 0       | 68,2 | 200000                               | 510000                              | 0,05                       | 11,05            |

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

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