

Spur Gears Made from POM, White, with One-Sided Hub, Straight Tooth System, Milled Teeth

Tooth quality 10d25 DIN 3967.

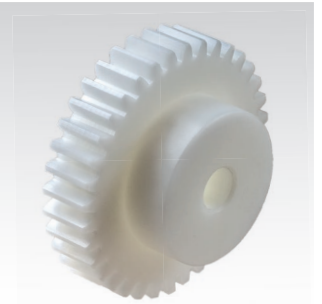
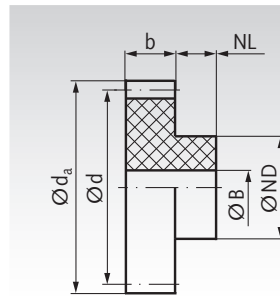
Pressure angle 20°.

Untoleranced dimensions in accordance with DIN ISO 2768 middle.

Temperature limit: continuous 100°C, only short time 140°C.

Water absorption (satiated) 0.5% Cws.

Other material reference values page 1057.

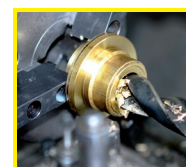


Ordering Details: e.g.: Product No. 293 010 00, Spur Gear, POM, Module 1, 10 Teeth

Module 1 Tooth Width b = 10 mm

| Product No. | Number of teeth | b mm | d _a mm | d mm | NL mm | ND mm | BS10 mm | perm. MT* Nm | Weight g |
|-------------|-----------------|------|-------------------|------|-------|-------|---------|--------------|----------|
| 293 010 00 | 10 | 10 | 12 | 10 | 6 | 8 | 5 | 0,08 | 1,0 |
| 293 011 00 | 11 | 10 | 13 | 11 | 6 | 8 | 5 | 0,10 | 1,2 |
| 293 012 00 | 12 | 10 | 14 | 12 | 6 | 10 | 5 | 0,11 | 1,7 |
| 293 013 00 | 13 | 10 | 15 | 13 | 6 | 10 | 5 | 0,13 | 2,0 |
| 293 014 00 | 14 | 10 | 16 | 14 | 6 | 10 | 5 | 0,15 | 2,3 |
| 293 015 00 | 15 | 10 | 17 | 15 | 6 | 12 | 5 | 0,17 | 2,8 |
| 293 016 00 | 16 | 10 | 18 | 16 | 6 | 12 | 5 | 0,18 | 3,2 |
| 293 017 00 | 17 | 10 | 19 | 17 | 6 | 12 | 5 | 0,19 | 3,5 |
| 293 018 00 | 18 | 10 | 20 | 18 | 6 | 12 | 5 | 0,22 | 4,0 |
| 293 019 00 | 19 | 10 | 21 | 19 | 6 | 15 | 5 | 0,26 | 4,9 |
| 293 020 00 | 20 | 10 | 22 | 20 | 8 | 15 | 5 | 0,29 | 5,8 |
| 293 021 00 | 21 | 10 | 23 | 21 | 8 | 15 | 5 | 0,33 | 6,2 |
| 293 022 00 | 22 | 10 | 24 | 22 | 8 | 15 | 5 | 0,36 | 6,5 |
| 293 023 00 | 23 | 10 | 25 | 23 | 8 | 15 | 5 | 0,40 | 7,1 |
| 293 024 00 | 24 | 10 | 26 | 24 | 8 | 15 | 5 | 0,45 | 7,6 |
| 293 025 00 | 25 | 10 | 27 | 25 | 8 | 15 | 5 | 0,49 | 8,2 |
| 293 026 00 | 26 | 10 | 28 | 26 | 8 | 15 | 5 | 0,54 | 8,7 |
| 293 027 00 | 27 | 10 | 29 | 27 | 8 | 15 | 5 | 0,59 | 9,3 |
| 293 028 00 | 28 | 10 | 30 | 28 | 8 | 15 | 5 | 0,64 | 9,9 |
| 293 030 00 | 30 | 10 | 32 | 30 | 8 | 15 | 5 | 0,76 | 11,2 |
| 293 032 00 | 32 | 10 | 34 | 32 | 8 | 18 | 6 | 0,88 | 13,2 |
| 293 035 00 | 35 | 10 | 37 | 35 | 8 | 18 | 6 | 1,09 | 15,4 |
| 293 036 00 | 36 | 10 | 38 | 36 | 8 | 18 | 6 | 1,16 | 16,1 |
| 293 038 00 | 38 | 10 | 40 | 38 | 8 | 18 | 6 | 1,32 | 17,9 |
| 293 040 00 | 40 | 10 | 42 | 40 | 8 | 18 | 6 | 1,48 | 19,6 |
| 293 042 00 | 42 | 10 | 44 | 42 | 8 | 18 | 6 | 1,66 | 21,5 |
| 293 045 00 | 45 | 10 | 47 | 45 | 8 | 18 | 6 | 1,96 | 24,0 |
| 293 048 00 | 48 | 10 | 50 | 48 | 8 | 20 | 6 | 2,28 | 27,8 |
| 293 050 00 | 50 | 10 | 52 | 50 | 8 | 20 | 6 | 2,45 | 30,0 |
| 293 052 00 | 52 | 10 | 54 | 52 | 8 | 20 | 6 | 2,54 | 32,4 |
| 293 054 00 | 54 | 10 | 56 | 54 | 8 | 20 | 6 | 2,64 | 34,6 |
| 293 055 00 | 55 | 10 | 57 | 55 | 8 | 20 | 6 | 2,69 | 35,6 |
| 293 056 00 | 56 | 10 | 58 | 56 | 8 | 20 | 6 | 2,74 | 36,9 |
| 293 060 00 | 60 | 10 | 62 | 60 | 8 | 25 | 6 | 2,95 | 44,1 |
| 293 064 00 | 64 | 10 | 66 | 64 | 10 | 25 | 6 | 3,16 | 51,1 |
| 293 065 00 | 65 | 10 | 67 | 65 | 10 | 25 | 6 | 3,21 | 52,7 |
| 293 070 00 | 70 | 10 | 72 | 70 | 10 | 25 | 6 | 3,47 | 59,6 |
| 293 072 00 | 72 | 10 | 74 | 72 | 10 | 30 | 6 | 3,57 | 65,5 |
| 293 075 00 | 75 | 10 | 77 | 75 | 10 | 30 | 6 | 3,72 | 71,1 |
| 293 080 00 | 80 | 10 | 82 | 80 | 10 | 50 | 10 | 3,97 | 94,7 |
| 293 085 00 | 85 | 10 | 87 | 85 | 10 | 50 | 10 | 4,22 | 104,1 |
| 293 090 00 | 90 | 10 | 92 | 90 | 10 | 50 | 10 | 4,47 | 113,1 |
| 293 096 00 | 96 | 10 | 98 | 96 | 10 | 50 | 10 | 4,68 | 126,1 |
| 293 100 00 | 100 | 10 | 102 | 100 | 10 | 50 | 10 | 4,96 | 135,0 |
| 293 120 00 | 120 | 10 | 122 | 120 | 10 | 50 | 10 | 5,94 | 182,6 |

* Basis of calculations see page 235.



**Reworking within
24h-service possible.
Custom made parts
on request.**