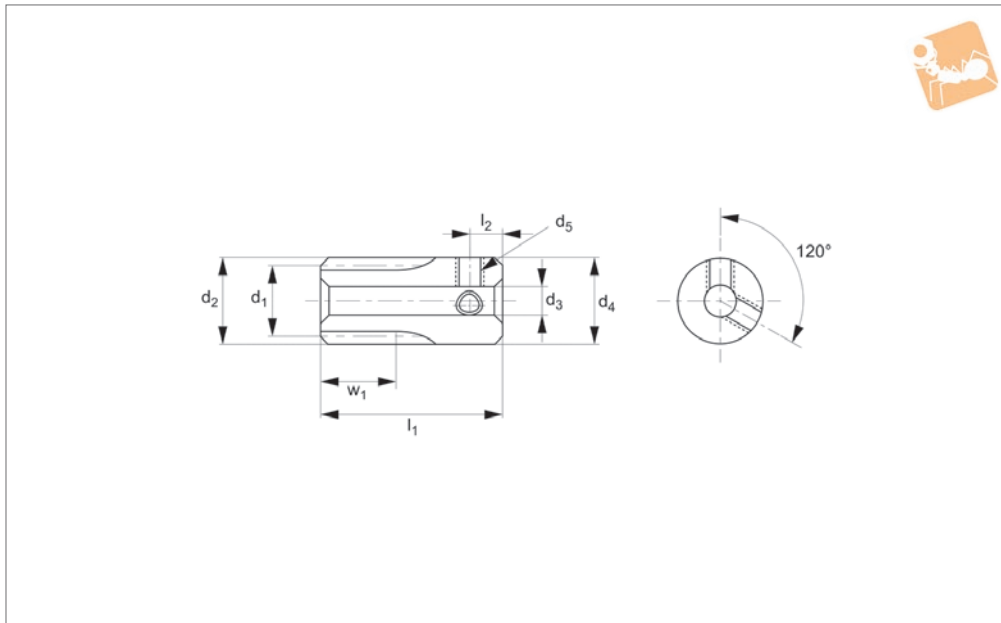




Spur Gears - Module 1

stainless steel - 14-16 teeth



R5163

STANDARD SPUR GEARS

Material

Stainless steel (SUS 304, JIS G 4303).
Accuracy to JIS B 1702-1 (ISO) class 9.

Technical Notes

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

gears = 0,06 - 0,12mm.

Tips

For stainless steel module 1 gears with 17-120 teeth, see R5165.
Max. allowable torque (Nm) is based on standard operating conditions (see tech-

nical 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 tol. H8 | d ₄ | l ₁ | l ₂ | Thread d ₅ | Torque Nm max. | Weight g |
|---------------|--------|----------------|---------------------------|----------------|----------------|---------------------------|----------------|----------------|----------------|-----------------------|----------------------|-------------|
| R5163.100-014 | m 1 | 14 | 14 | 16 | 8 | 6 | 16 | 25 | 4 | 2xM 4 | 1.69 | 30.4 |
| R5163.100-015 | m 1 | 15 | 15 | 17 | 8 | 6 | 17 | 25 | 4 | 2xM 4 | 1.89 | 35.3 |
| R5163.100-016 | m 1 | 16 | 16 | 18 | 8 | 6 | 18 | 25 | 4 | 2xM 4 | 2.10 | 40.5 |