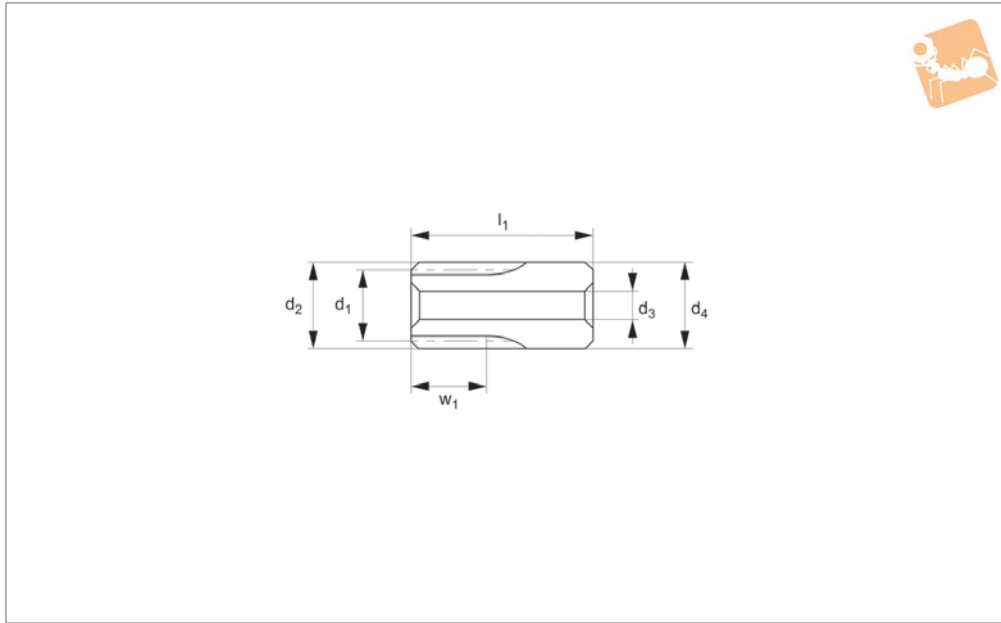




Spur Gears - Module 0.5 - Plastic

white polyacetal - 14-18 teeth



R5109

STANDARD SPUR GEARS

Material

White polyacetal, machined.
Accuracy to JIS B 1702-1 (ISO) class 9-10.

Technical Notes

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

gears = 0,01 - 0,03mm.

Tips

Module 0.5 for gears with 20-120 teeth see R5111.
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. H9 | d ₄ | l ₁ | Torque Nm max. | Weight g |
|---------------|--------|----------------|---------------------------|----------------|----------------|---------------------------|----------------|----------------|----------------------|-------------|
| R5109.050-014 | m 0.5 | 14 | 7.0 | 8.0 | 8 | 3 | 9 | 18 | 0.214 | 1.2 |
| R5109.050-015 | m 0.5 | 15 | 7.5 | 8.5 | 8 | 3 | 9 | 18 | 0.229 | 1.2 |
| R5109.050-016 | m 0.5 | 16 | 8.0 | 9.0 | 8 | 3 | 9 | 18 | 0.244 | 1.3 |
| R5109.050-018 | m 0.5 | 18 | 9.0 | 10.0 | 8 | 3 | 10 | 18 | 0.275 | 1.7 |