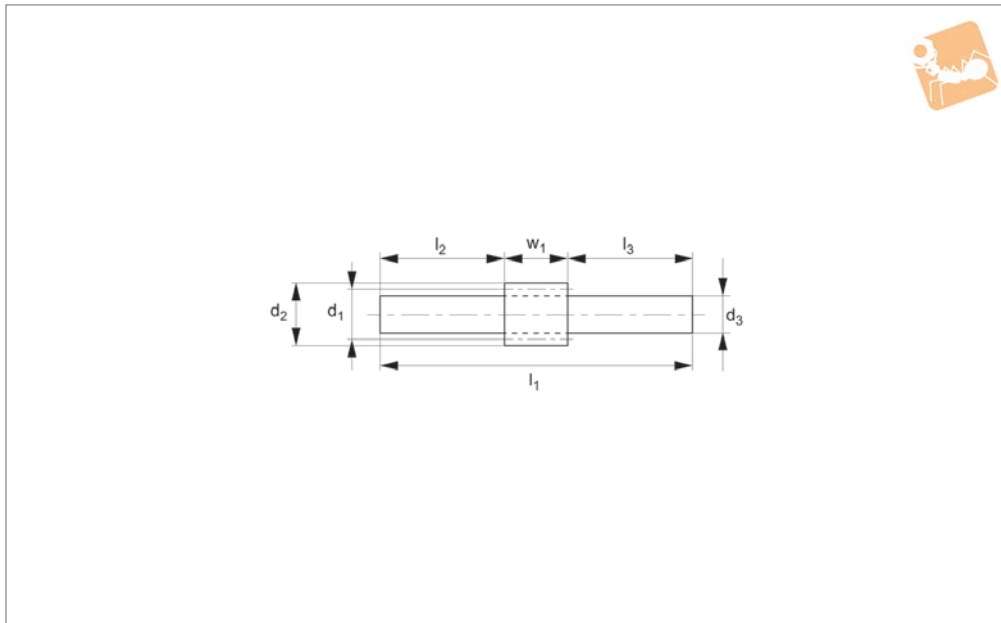




Spur Gears - Module 1.5

carbon steel - 8-10 teeth



R5199

STANDARD SPUR GEARS

Material

Carbon steel (ISO C45).
Accuracy to JIS B 1702-1 (ISO) class 8-9.

Technical Notes

20° pressure angle, full depth tooth.
Amount of backlash when assembling gears = 0,06 - 0,15mm. Rack shift coefficient $x = 0.5$.

Tips

For module 1.5 hubless steel gears with 60-100 teeth see R5194.
For gears with 8-10 teeth alternative see R5198,
for gears with 12-14 teeth see R5200,
for gears with 15-100 teeth See R5201 & R5204 (reduced weight version).

Max. allowable torque (Nm) is based on standard operating conditions (see technical 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	l ₁	l ₂	l ₃	Torque Nm max.	Weight g
R5199.150-008	m 1.5	8	Shifted gear *	16	18	9	90	24	48	10.31	56.2
R5199.150-010	m 1.5	10	Shifted gear *	19	18	12	90	24	48	14.23	94.1