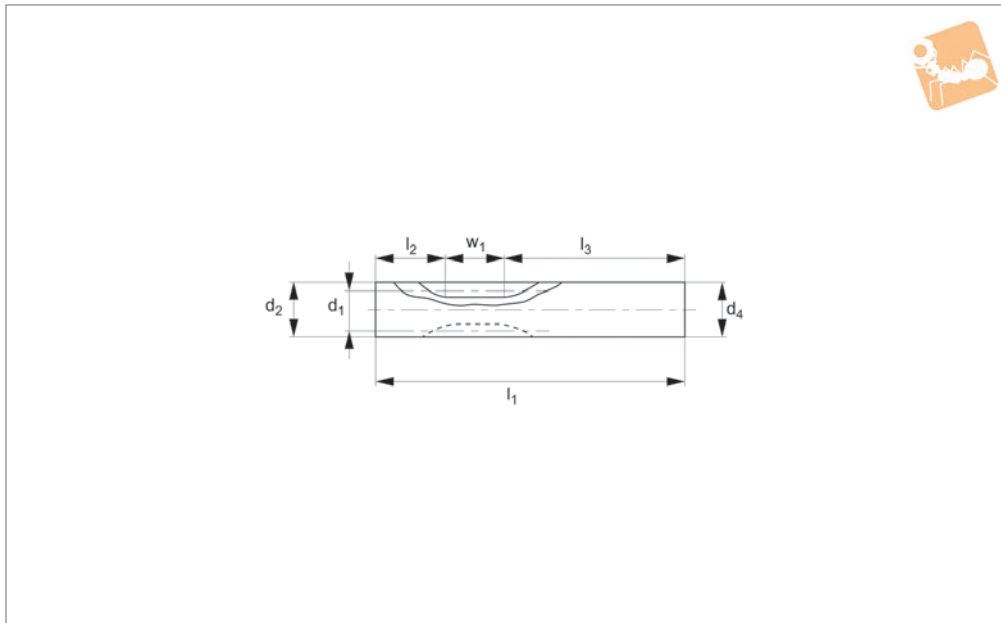




Spur Gears - Module 1.25

carbon steel - 8-11 teeth



R5181

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 = 0,05 - 0,125mm. Rack shift coefficient x = 0.5.

cient x = 0.5.

Tips

Module 1.25 for gears with 14-120 teeth see R5180, for gears with 8-10 teeth see R5182, for gears with 12-17 teeth see R5183, for gears with 18-120 teeth see R5185.

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
R5181.125-08	m 1.25	8	Shifted gear *	13.3	15	13.3	75	20	40	6.00	77.1
R5181.125-09	m 1.25	9	Shifted gear *	14.6	15	14.6	75	20	40	7.11	92.9
R5181.125-10	m 1.25	10	Shifted gear *	15.8	15	15.8	75	20	40	8.27	110.2
R5181.125-11	m 1.25	11	Shifted gear *	17.1	15	17.1	75	20	40	9.44	129.0