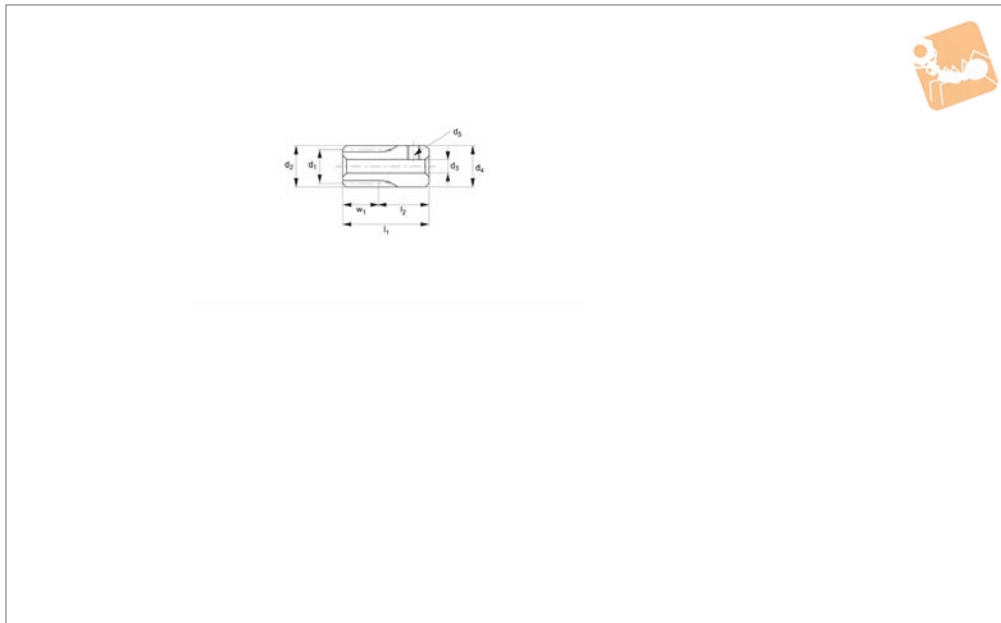




Spur Gears - Module 1.25

carbon steel - 12-17 teeth



R5183

STANDARD SPUR GEARS

Material

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

Technical Notes

20° pressure angle, full depth tooth.
Amount of backlash when assembling gears = 0,05 - 0,125 mm.

Tips

Module 1.25 for gears with 14-120 teeth see R5180, for gears with 8-11 teeth see R5181, for gears with 8-10 teeth see R5182, 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. H8	d ₄	l ₁	l ₂	Torque Nm max.	Weight g
R5183.125-012	m 1.25	12	15.0	17.5	15	8	17.50	37.5	22.5	7.60	48.5
R5183.125-013	m 1.25	13	16.3	18.8	15	8	18.75	37.5	22.5	8.74	58.4
R5183.125-014	m 1.25	14	17.5	20.0	15	8	20.00	37.5	22.5	9.91	69.0
R5183.125-015	m 1.25	15	18.8	21.3	15	8	21.75	37.5	22.5	11.10	80.4
R5183.125-016	m 1.25	16	20.0	22.5	15	8	22.50	37.5	22.5	12.32	92.4
R5183.125-017	m 1.25	17	21.3	23.8	15	8	23.75	37.5	22.5	13.56	105.2