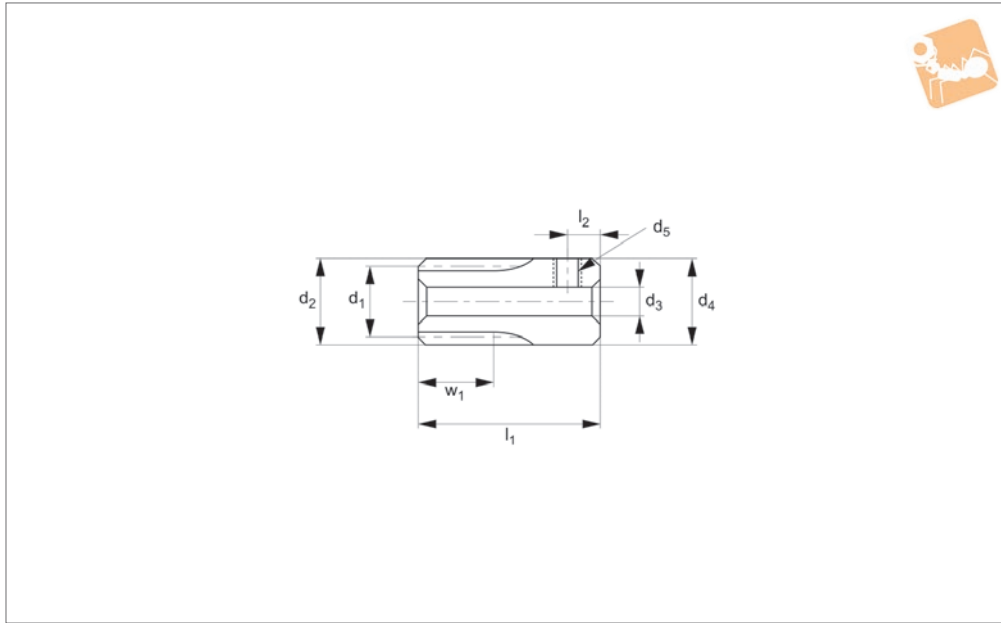




# Spur Gears - Module 0.75 - Steel

carbon steel - 14-15 teeth



**R5138**

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= 0,015- 0,045 mm.

**Tips**

For module 0.75 steel gears with 10-12 teeth, see R5137; for 16-120 teeth see R5140.  
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 <sub>1</sub>	d <sub>2</sub>	w <sub>1</sub>	d <sub>3</sub> tol. H8	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	Thread d <sub>5</sub>	Torque Nm max.	Weight g
R5138.075-014	m 0.75	14	10.5	12.0	8	5	12.0	20	3	M 3	1.90	12.9
R5138.075-015	m 0.75	15	11.3	12.8	8	5	12.8	20	3	M 3	2.13	15.0