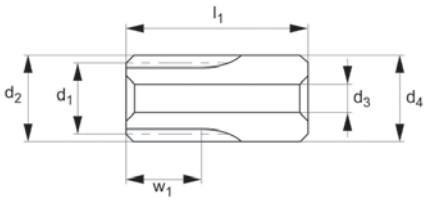
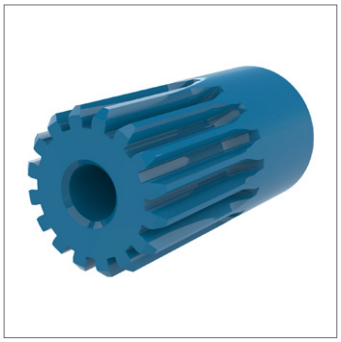
Spur Gears - Module 0.5 - Plastic

blue polyacetal - 14-18 teeth





R5117

Material

Blue 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- 0,03 mm.
Blue polyacetal machined gears are suitable for use in food machinery applications. Approved by the FDA (USA) and by regulators in the EU and Japan, where the food has an alcohol percentage of <15%.
Please clean gears thoroughly before use.

Tips

Module 0.5 for gears with 20-40 teeth see R5120.

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	d_4	l_1	Torque Nm max.	Weight g
R5117.050-014	*m* 0.5	14	7.0	8.0	8	3	9	18	0.21	1.1
R5117.050-015	*m* 0.5	15	7.5	8.5	8	3	9	18	0.23	1.2
R5117.050-016	*m* 0.5	16	8.0	9.0	8	3	9	18	0.24	1.3
R5117.050-018	*m* 0.5	18	9.0	10.0	8	3	10	18	0.28	1.6