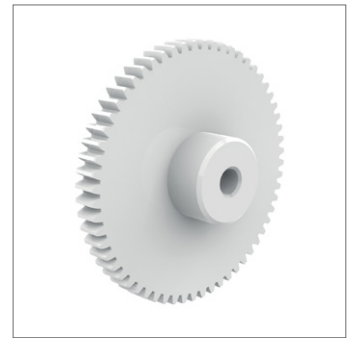
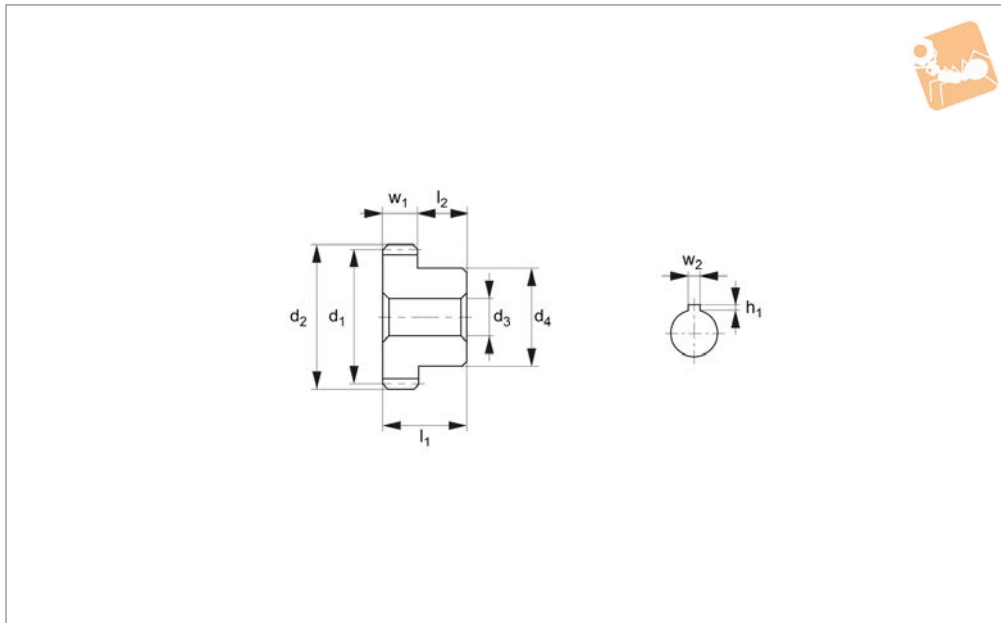




# Spur Gears - Module 0.5 - Plastic

white polyacetal - 20-120 teeth



**R5111**

STANDARD SPUR GEARS

**Material**

White 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.

**Tips**

Module 0.5 for gears with 14-18 teeth see R5109. 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. H9	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	Torque Nm max.	Weight g
R5111.050-020	m 0.5	20	10.0	11.0	3	3	8	8	5	0.11	0.6
R5111.050-024	m 0.5	24	12.0	13.0	3	3	8	8	5	0.17	0.8
R5111.050-025	m 0.5	25	12.5	13.5	3	3	8	8	5	0.17	0.8
R5111.050-028	m 0.5	28	14.0	15.0	3	3	8	8	5	0.19	0.9
R5111.050-030	m 0.5	30	15.0	16.0	3	3	8	8	5	0.21	1.0
R5111.050-032	m 0.5	32	16.0	17.0	3	3	8	8	5	0.22	1.1
R5111.050-036	m 0.5	36	18.0	19.0	3	3	8	8	5	0.25	1.4
R5111.050-040	m 0.5	40	20.0	21.0	3	3	10	8	5	0.28	1.8
R5111.050-045	m 0.5	45	22.5	23.5	3	3	10	8	5	0.31	2.2
R5111.050-050	m 0.5	50	25.0	26.0	3	3	10	8	5	0.35	2.6
R5111.050-056	m 0.5	56	28.0	29.0	3	3	10	8	5	0.39	3.1
R5111.050-060	m 0.5	60	30.0	31.0	3	3	10	8	5	0.42	3.4
R5111.050-064	m 0.5	64	32.0	33.0	3	3	10	8	5	0.44	3.9
R5111.050-070	m 0.5	70	35.0	36.0	3	4	12	8	5	0.49	4.7
R5111.050-072	m 0.5	72	36.0	37.0	3	4	12	8	5	0.50	5.0
R5111.050-080	m 0.5	80	40.0	41.0	3	4	12	8	5	0.55	6.0
R5111.050-090	m 0.5	90	45.0	46.0	3	5	14	8	5	0.62	7.6
R5111.050-100	m 0.5	100	50.0	51.0	3	5	14	8	5	0.69	9.2
R5111.050-120	m 0.5	120	60.0	61.0	3	5	14	8	5	0.83	12.9