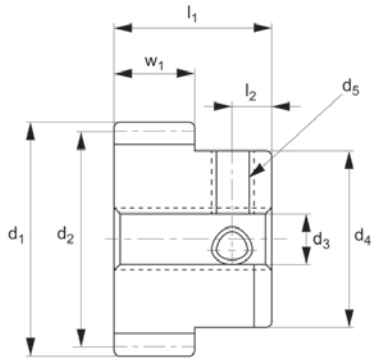
Spur Gears - Module 1 - Plastic

white polyacetal - set screw - 17-120 teeth



R5169

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 = 0,06-0,12mm.

Tips
Module 1 for gears with 12-16 teeth see R5167.
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	l_2	Thread d_5	Torque Nm max.	Weight g
R5169.100-017	m 1	17	17	19	8	4	14	16	4	2xM 4	0.80	4.0
R5169.100-018	m 1	18	18	20	8	4	15	16	4	2xM 4	0.84	4.5
R5169.100-020	m 1	20	20	22	8	5	16	16	4	2xM 4	0.94	5.3
R5169.100-022	m 1	22	22	24	8	5	18	16	4	2xM 4	1.03	6.7
R5169.100-023	m 1	23	23	25	8	5	20	16	4	2xM 4	1.08	7.7
R5169.100-024	m 1	24	24	26	8	5	20	16	4	2xM 4	1.12	8.2
R5169.100-025	m 1	25	25	27	8	5	22	16	4	2xM 4	1.17	9.3
R5169.100-026	m 1	26	26	28	8	5	22	16	4	2xM 4	1.22	9.8
R5169.100-028	m 1	28	28	30	8	5	24	16	4	2xM 4	1.31	11.6
R5169.100-030	m 1	30	30	32	8	5	24	16	4	2xM 4	1.40	12.6
R5169.100-032	m 1	32	32	34	6	5	24	14	4	2xM 4	2.00	11.5
R5169.100-034	m 1	34	34	36	6	5	24	14	4	2xM 4	2.13	12.4
R5169.100-035	m 1	35	35	37	6	5	24	14	4	2xM 4	2.19	12.8
R5169.100-036	m 1	36	36	38	6	5	24	14	4	2xM 4	2.25	13.3
R5169.100-038	m 1	38	38	40	6	5	24	14	4	2xM 4	2.38	14.3
R5169.100-040	m 1	40	40	42	6	5	24	14	4	2xM 4	2.50	15.3
R5169.100-042	m 1	42	42	44	6	5	24	14	4	2xM 4	2.63	16.4
R5169.100-044	m 1	44	44	46	6	5	24	14	4	2xM 4	2.75	17.5
R5169.100-045	m 1	45	45	47	6	5	24	14	4	2xM 4	2.91	18.1
R5169.100-048	m 1	48	48	50	6	5	24	14	4	2xM 4	3.00	20.0
R5169.100-050	m 1	50	50	52	6	5	24	14	4	2xM 4	3.13	21.3
R5169.100-052	m 1	52	52	54	6	5	24	14	4	2xM 4	3.25	22.6
R5169.100-055	m 1	55	55	57	6	5	24	14	4	2xM 4	3.44	24.8
R5169.100-056	m 1	56	56	58	6	5	24	14	4	2xM 4	3.50	25.5
R5169.100-060	m 1	60	60	62	6	5	24	14	4	2xM 4	3.75	28.6
R5169.100-064	m 1	64	64	66	6	5	24	14	4	2xM 4	4.00	31.9
R5169.100-070	m 1	70	70	72	6	5	24	14	4	2xM 4	4.38	37.2
R5169.100-072	m 1	72	72	74	6	5	24	14	4	2xM 4	4.50	39.1
R5169.100-080	m 1	80	80	82	6	5	24	14	4	2xM 4	5.00	47.2
R5169.100-090	m 1	90	90	92	6	5	24	14	4	2xM 4	5.62	58.5

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R5169.100-100	*m* 1	100	100	102	6	5	24	14	4	2xM 4	6.25	71.1
R5169.100-120	*m* 1	120	120	122	6	5	24	14	4	2xM 4	7.49	100.4