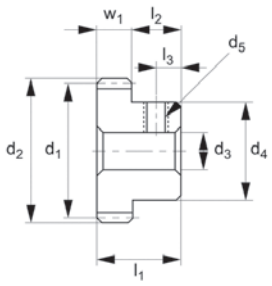

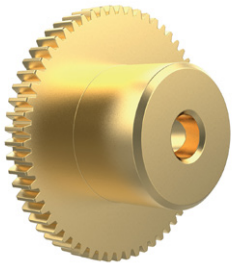

R5101

Material
Brass (C3604B). Accuracy to JIS B 1702-1 (ISO) class 9.

Technical Notes
20° pressure angle, full depth tooth. Amount of backlash when assembling gears = 0,006 - 0,018mm.

Tips
For module 0.3 brass gears with 14-18 teeth see R5100. 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	Thread d_5	l_2	Torque Nm max.	l_3	Weight g
R5101.030-020	*m* 0.3	20	6.0	6.6	3.2	2	5	8	M 1,6	4.8	0.043	2.5	1.3
R5101.030-024	*m* 0.3	24	7.2	7.8	3.2	2	6	8	M 2	4.8	0.055	2.5	2.0
R5101.030-025	*m* 0.3	25	7.5	8.1	3.2	2	6	8	M 2	4.8	0.059	2.5	2.1
R5101.030-028	*m* 0.3	28	8.4	9.0	3.2	2	7	8	M 4	4.8	0.069	2.5	2.8
R5101.030-030	*m* 0.3	30	9.0	9.6	3.2	2	8	8	M 2	4.8	0.075	2.5	3.5
R5101.030-032	*m* 0.3	32	9.6	10.2	2.0	2	8	8	M 2	6.0	0.052	2.5	3.5
R5101.030-035	*m* 0.3	35	10.5	11.1	2.0	2	8	8	M 2	6.0	0.058	3.0	3.8
R5101.030-036	*m* 0.3	36	10.8	11.4	2.0	3	9	8	M 3	6.0	0.060	3.0	4.2
R5101.030-040	*m* 0.3	40	12.0	12.6	2.0	3	10	8	M 3	6.0	0.069	3.0	5.3
R5101.030-045	*m* 0.3	45	13.5	14.1	2.0	3	10	8	M 3	6.0	0.080	3.0	5.8
R5101.030-048	*m* 0.3	48	14.4	15.0	2.0	3	10	8	M 3	6.0	0.087	3.0	6.1
R5101.030-050	*m* 0.3	50	15.0	15.6	2.0	3	10	8	M 3	6.0	0.092	3.0	6.4
R5101.030-056	*m* 0.3	56	16.8	17.4	2.0	3	10	8	M 3	6.0	0.105	3.0	7.1
R5101.030-060	*m* 0.3	60	18.0	18.6	2.0	3	10	8	M 3	6.0	0.115	3.0	7.7
R5101.030-064	*m* 0.3	64	19.2	19.8	2.0	3	10	8	M 3	6.0	0.123	3.0	8.3
R5101.030-066	*m* 0.3	66	19.8	20.4	2.0	3	10	8	M 3	6.0	0.128	3.0	8.6
R5101.030-070	*m* 0.3	70	21.0	21.6	2.0	3	10	8	M 3	6.0	0.137	3.0	9.3
R5101.030-072	*m* 0.3	72	21.6	22.2	2.0	3	10	8	M 3	6.0	0.141	3.0	9.6
R5101.030-075	*m* 0.3	75	22.5	23.1	2.0	3	10	8	M 3	6.0	0.149	3.0	10.1
R5101.030-080	*m* 0.3	80	24.0	24.6	2.0	3	10	8	M 3	6.0	0.160	3.0	11.1
R5101.030-090	*m* 0.3	90	27.0	27.6	2.0	3	10	8	M 3	6.0	0.183	3.0	13.1
R5101.030-096	*m* 0.3	96	28.8	29.4	2.0	3	10	8	M 3	6.0	0.197	3.0	14.4
R5101.030-100	*m* 0.3	100	30.0	30.6	2.0	3	10	8	M 3	6.0	0.206	3.0	15.4
R5101.030-108	*m* 0.3	108	32.4	33.0	2.0	3	10	8	M 3	6.0	0.225	3.0	17.4
R5101.030-120	*m* 0.3	120	36.0	36.6	2.0	3	10	8	M 3	6.0	0.253	3.0	20.7