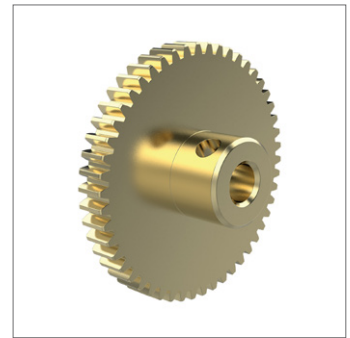
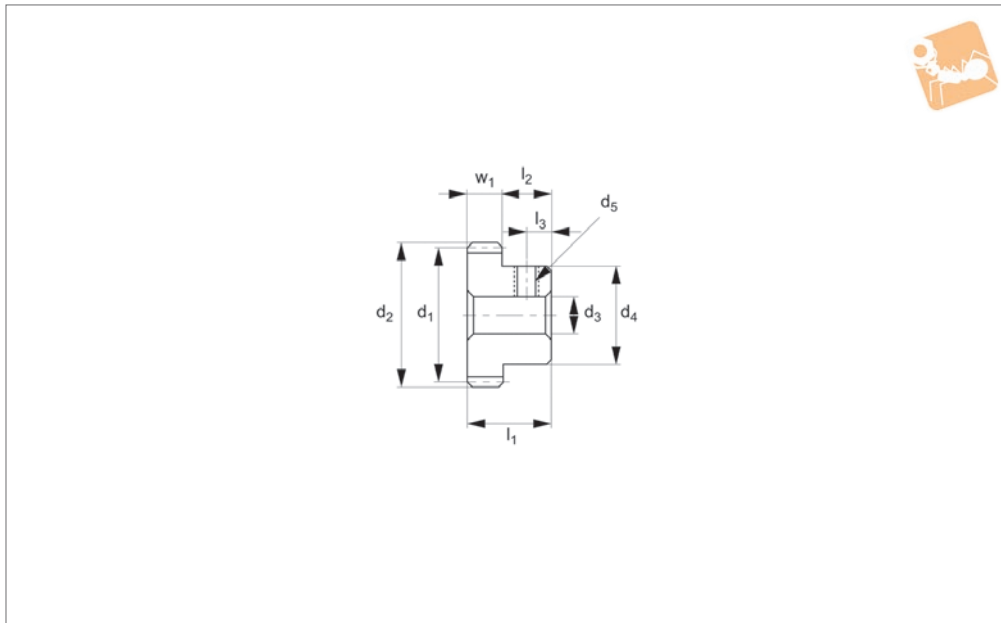




# Spur Gears - Module 0.8

brass - 16-120 teeth



**R5160**

STANDARD SPUR GEARS

**Material**

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

Amount of backlash when assembling gears = 0,016 - 0,048mm.

**Tips**

For module 0.8 brass gears with 14-15 teeth see R5158.  
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.

**Technical Notes**

20° pressure angle, full depth tooth.

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>	l <sub>3</sub>	Thread d <sub>5</sub>	Torque Nm max.	Weight g
R5160.080-016-05	m 0.8	16	12.8	14.4	5	4	10.0	14	9	3	M 3	0.34	9.8
R5160.080-016-07	m 0.8	16	12.8	14.4	7	4	10.0	14	7	3	M 3	0.47	10.7
R5160.080-018-05	m 0.8	18	14.4	16.0	5	4	10.0	14	9	3	M 3	0.40	11.3
R5160.080-018-07	m 0.8	18	14.4	16.0	7	4	10.0	14	7	3	M 3	0.57	12.7
R5160.080-020-05	m 0.8	20	16.0	17.6	5	4	10.0	14	9	3	M 3	0.47	12.9
R5160.080-020-07	m 0.8	20	16.0	17.6	7	4	10.0	14	7	3	M 3	0.66	15.0
R5160.080-024-05	m 0.8	24	19.2	20.8	5	5	12.5	14	9	3	M 3	0.62	19.2
R5160.080-024-07	m 0.8	24	19.2	20.8	7	5	12.5	14	7	3	M 3	0.87	22.0
R5160.080-025-05	m 0.8	25	20.0	21.6	5	5	12.5	14	9	3	M 3	0.66	20.2
R5160.080-025-07	m 0.8	25	20.0	21.6	7	5	12.5	14	7	3	M 3	0.92	23.5
R5160.080-028-05	m 0.8	28	22.4	24.0	5	5	12.5	14	9	3	M 3	0.77	23.6
R5160.080-028-07	m 0.8	28	22.4	24.0	7	5	12.5	14	7	3	M 3	1.08	28.2
R5160.080-030-05	m 0.8	30	24.0	25.6	5	5	12.5	14	9	3	M 3	0.84	26.1
R5160.080-030-07	m 0.8	30	24.0	25.6	7	5	12.5	14	7	3	M 3	1.18	31.7
R5160.080-032-05	m 0.8	32	25.6	27.2	5	5	12.5	14	9	4	M 3	0.92	28.8
R5160.080-036-05	m 0.8	36	28.8	30.4	5	6	14.0	14	9	4	M 4	1.07	35.8
R5160.080-040-05	m 0.8	40	32.0	33.6	5	6	14.0	14	9	4	M 4	1.23	42.3
R5160.080-045-05	m 0.8	45	36.0	37.6	5	6	14.0	14	9	4	M 4	1.43	51.4
R5160.080-048-05	m 0.8	48	38.4	40.0	5	6	14.0	14	9	4	M 4	1.55	57.3
R5160.080-050-05	m 0.8	50	40.0	41.6	5	6	14.0	14	9	4	M 4	1.63	61.5
R5160.080-056-05	m 0.8	56	44.8	46.4	5	6	14.0	14	9	4	M 4	1.87	75.1
R5160.080-060-05	m 0.8	60	48.0	49.6	5	6	14.0	14	9	4	M 4	2.03	85.0
R5160.080-064-05	m 0.8	64	51.2	52.8	5	6	16.0	14	9	4	M 4	2.19	99.1
R5160.080-070-05	m 0.8	70	56.0	57.6	5	8	16.0	14	9	4	M 4	2.44	113.8
R5160.080-072-05	m 0.8	72	57.6	59.2	5	8	16.0	14	9	4	M 4	2.52	119.8
R5160.080-080-05	m 0.8	80	64.0	65.6	5	8	16.0	14	9	4	M 4	2.85	145.8
R5160.080-090-05	m 0.8	90	72.0	73.6	5	8	20.0	14	9	4	M 4	3.25	190.6
R5160.080-100-05	m 0.8	100	80.0	81.6	5	8	24.0	14	9	4	M 4	3.67	241.6
R5160.080-120-05	m 0.8	120	96.0	97.6	5	8	30.0	14	9	4	M 4	4.50	354.8