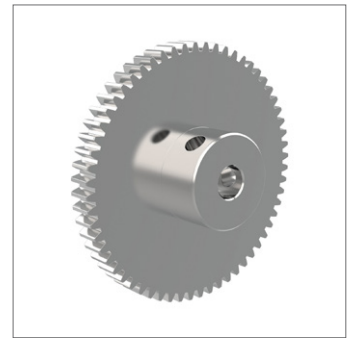
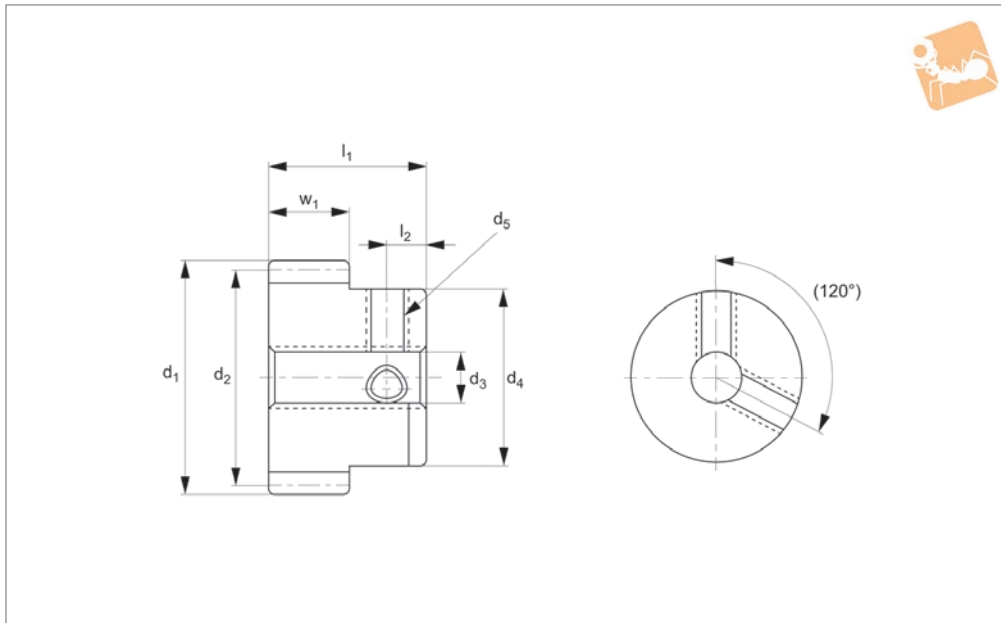




Spur Gears - Module 0.8

stainless steel - 16-120 teeth



R5146

STANDARD SPUR GEARS

Material

Stainless steel (SUS 304, JIS G 4303).
Accuracy to JIS B 1702-1 (ISO) class 9.

Technical Notes

20° pressure angle, full depth tooth.
Amount of backlash when assembling

gears = 0,016 - 0,048mm.

Tips

For module 0.8 stainless steel gears with fewer teeth, see R5142; for boreless gears with fewer teeth, see R5141 & R5144.
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	l ₂	Thread d ₅	Torque Nm max.	Weight g
R5146.080-016-12-05-04	m 0.8	16	12.8	14.4	5	4	10	12	3	2xM 3	0.84	8.0
R5146.080-016-14-07-04	m 0.8	16	12.8	14.4	7	4	10	14	3	2xM 3	1.18	9.8
R5146.080-018-12-05-04	m 0.8	18	14.4	16.0	5	4	10	12	3	2xM 3	1.01	9.3
R5146.080-018-14-07-04	m 0.8	18	14.4	16.0	7	4	10	14	3	2xM 3	1.42	11.7
R5146.080-020-12-05-04	m 0.8	20	16.0	17.6	5	4	10	12	3	2xM 3	1.19	10.9
R5146.080-020-14-07-04	m 0.8	20	16.0	17.6	7	4	10	14	3	2xM 3	1.66	13.9
R5146.080-022-12-05-04	m 0.8	22	17.6	19.2	5	4	10	12	3	2xM 3	1.37	12.5
R5146.080-022-14-07-04	m 0.8	22	17.6	19.2	7	4	10	14	3	2xM 3	1.91	16.2
R5146.080-024-12-05-05	m 0.8	24	19.2	20.8	5	5	15	12	4	2xM 4	1.55	18.6
R5146.080-024-14-07-05	m 0.8	24	19.2	20.8	7	5	15	14	4	2xM 4	2.17	22.9
R5146.080-025-12-05-05	m 0.8	25	20.0	21.6	5	5	15	12	4	2xM 4	1.64	19.6
R5146.080-025-14-07-05	m 0.8	25	20.0	21.6	7	5	15	14	4	2xM 4	2.30	24.2
R5146.080-028-12-05-05	m 0.8	28	22.4	24.0	5	5	15	12	4	2xM 4	1.92	22.7
R5146.080-028-14-07-05	m 0.8	28	22.4	24.0	7	5	15	14	4	2xM 4	2.69	28.7
R5146.080-030-12-05-05	m 0.8	30	24.0	25.6	5	5	15	12	4	2xM 4	2.11	25.0
R5146.080-030-14-07-05	m 0.8	30	24.0	25.6	7	5	15	14	4	2xM 4	2.95	31.9
R5146.080-032-14-05-05	m 0.8	32	25.6	27.2	5	5	15	14	4	2xM 4	2.30	30.0
R5146.080-036-14-05-06	m 0.8	36	28.8	30.4	5	6	18	14	4	2xM 4	2.68	39.9
R5146.080-040-14-05-06	m 0.8	40	32.0	33.6	5	6	18	14	4	2xM 4	3.08	45.9
R5146.080-045-14-05-06	m 0.8	45	36.0	37.6	5	6	18	14	4	2xM 4	3.57	54.4
R5146.080-048-14-05-06	m 0.8	48	38.4	40.0	5	6	18	14	4	2xM 4	3.87	59.9
R5146.080-050-14-05-06	m 0.8	50	40.0	41.6	5	6	18	14	4	2xM 4	4.07	63.9
R5146.080-054-14-05-06	m 0.8	54	43.2	44.8	5	6	18	14	4	2xM 4	4.47	72.1
R5146.080-056-14-05-06	m 0.8	56	44.8	46.4	5	6	18	14	4	2xM 4	4.67	76.5
R5146.080-060-14-05-06	m 0.8	60	48.0	49.6	5	6	18	14	4	2xM 4	5.07	85.8
R5146.080-064-14-05-06	m 0.8	64	51.2	52.8	5	6	18	14	4	2xM 4	5.48	95.7
R5146.080-070-14-05-08	m 0.8	70	56.0	57.6	5	8	28	14	4	2xM 4	6.09	134.4
R5146.080-072-14-05-08	m 0.8	72	57.6	59.2	5	8	28	14	4	2xM 4	6.30	140.0
R5146.080-080-14-05-08	m 0.8	80	64.0	65.6	5	8	28	14	4	2xM 4	7.12	164.3
R5146.080-080-14-05-10	m 0.8	80	64.0	65.6	5	10	28	14	4	2xM 4	7.12	161.3



Order No.	Module	No. of teeth z	Pitch dia. d ₁	d ₂	w ₁	d ₃ tol. H8	d ₄	l ₁	l ₂	Thread d ₅	Torque Nm max.	Weight g
R5146.080-090-14-05-08	m 0.8	90	72.0	73.6	5	8	28	14	4	2xM 4	8.14	198.1
R5146.080-100-14-05-08	m 0.8	100	80.0	81.6	5	8	28	14	4	2xM 4	9.17	236.0
R5146.080-100-14-05-10	m 0.8	100	80.0	81.6	5	10	28	14	4	2xM 4	9.17	233.0
R5146.080-120-14-05-08	m 0.8	120	96.0	97.6	5	8	30	14	4	2xM 4	11.24	330.0
R5146.080-120-14-05-10	m 0.8	120	96.0	97.6	5	10	30	14	4	2xM 4	11.24	327.1