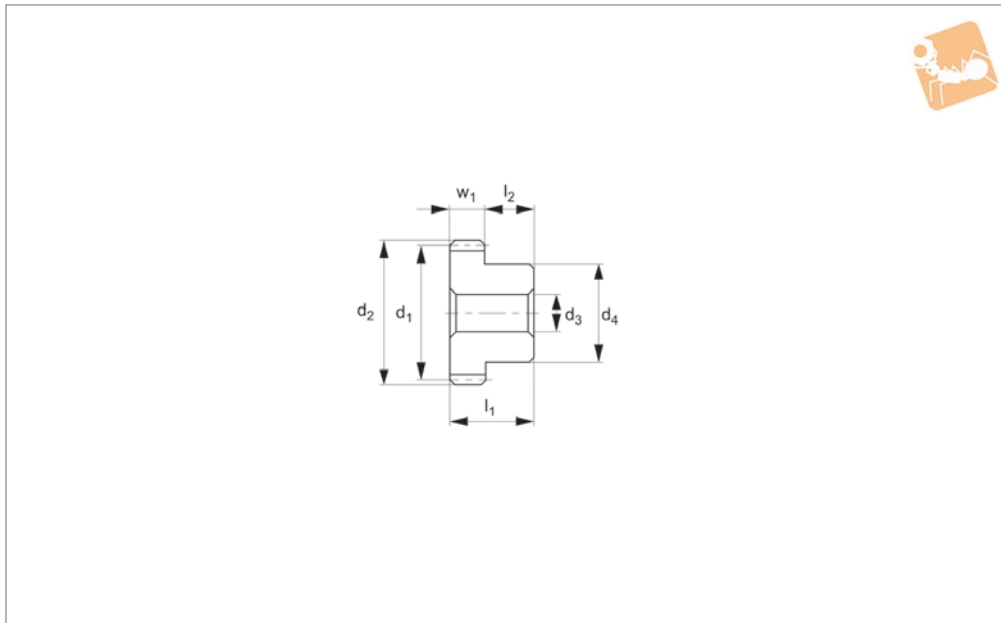




Spur Gears - Module 1.5

stainless steel - 15-100 teeth



R5190

STANDARD SPUR GEARS

Material

Stainless steel (AISI 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 = 0,09 - 0,18mm.

Tips

For module 1.5 stainless gears with 14 teeth see R5188.

Max. allowable torque (Nm) is based on standard operating conditions (see tech-

nical 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	Torque Nm max.	Weight g
R5190.150-015-12	m 1.5	15	22.5	25.5	12	8	18	22	10	6.40	49.3
R5190.150-015-16	m 1.5	15	22.5	25.5	16	8	18	26	10	8.53	60.3
R5190.150-016-12	m 1.5	16	24.0	27.0	12	8	20	22	10	7.10	59.2
R5190.150-016-16	m 1.5	16	24.0	27.0	16	8	20	26	10	9.46	72.0
R5190.150-018-12	m 1.5	18	27.0	30.0	12	10	22	22	10	8.53	70.9
R5190.150-018-16	m 1.5	18	27.0	30.0	16	10	22	26	10	11.38	86.6
R5190.150-020-12	m 1.5	20	30.0	33.0	12	10	25	22	10	10.02	92.5
R5190.150-020-16	m 1.5	20	30.0	33.0	16	10	25	26	10	13.36	112.4
R5190.150-024-12	m 1.5	24	36.0	39.0	12	10	30	22	10	13.06	139.2
R5190.150-025-12	m 1.5	25	37.5	40.5	12	10	30	22	10	13.84	147.5
R5190.150-025-16	m 1.5	25	37.5	40.5	16	10	30	26	10	18.45	180.0
R5190.150-028-12	m 1.5	28	42.0	45.0	12	10	30	22	10	16.20	174.2
R5190.150-030-12	m 1.5	30	45.0	48.0	12	10	30	22	10	17.79	193.7
R5190.150-030-16	m 1.5	30	45.0	48.0	16	10	30	26	10	23.71	241.7
R5190.150-032-10	m 1.5	32	48.0	51.0	10	10	30	20	10	16.16	187.1
R5190.150-036-10	m 1.5	36	54.0	57.0	10	10	30	20	10	18.88	225.2
R5190.150-040-10	m 1.5	40	60.0	63.0	10	12	36	20	10	21.63	287.0
R5190.150-045-10	m 1.5	45	67.5	70.5	10	12	36	20	10	25.08	346.6
R5190.150-048-10	m 1.5	48	72.0	75.0	10	12	36	20	10	27.18	385.7
R5190.150-050-10	m 1.5	50	75.0	78.0	10	12	42	20	10	28.59	442.3
R5190.150-060-10	m 1.5	60	90.0	93.0	10	14	50	20	10	35.67	635.8
R5190.150-080-10	m 1.5	80	120.0	123.0	10	16	60	20	10	50.03	1089.0
R5190.150-090-10	m 1.5	90	135.0	138.0	10	16	60	20	10	57.21	1327.0
R5190.150-100-10	m 1.5	100	150.0	153.0	10	16	60	20	10	64.47	1594.0