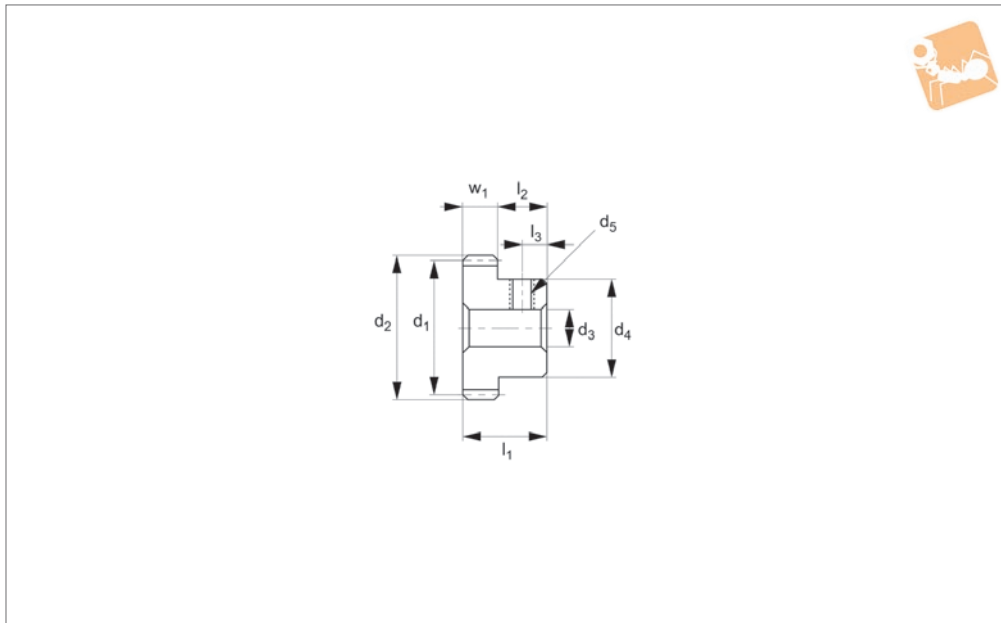




# Spur Gears - Module 0.75 - Steel

carbon steel - 16-120 teeth



**R5140**

STANDARD SPUR GEARS

### Material

Carbon steel (ISO C45).  
Accuracy to JIS B 1702-1 (ISO) class 8- 9.

### Technical Notes

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

gears= 0,015- 0,045 mm.

### Tips

For module 0.75 steel gears with 10-12 teeth or 14-15 teeth, see R5137 & R5138.  
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 <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
R5140.075-016	m 0.75	16	12.0	13.5	8	5	10	15	7	3.5	M 4	2.37	8.9
R5140.075-018	m 0.75	18	13.5	15.0	8	5	11	15	7	3.5	M 4	2.84	11.7
R5140.075-020	m 0.75	20	15.0	16.5	8	6	12	15	7	3.5	M 4	3.34	13.8
R5140.075-024	m 0.75	24	18.0	19.5	8	6	14	15	7	3.5	M 4	4.35	20.8
R5140.075-025	m 0.75	25	18.8	20.3	8	6	14	15	7	3.5	M 4	4.61	22.2
R5140.075-028	m 0.75	28	21.0	22.5	8	6	14	15	7	3.5	M 4	5.40	26.6
R5140.075-030	m 0.75	30	22.5	24.0	8	6	15	15	7	3.5	M 4	5.93	31.0
R5140.075-032	m 0.75	32	24.0	25.5	6	6	15	15	9	4.0	M 4	4.85	30.1
R5140.075-034	m 0.75	35	26.3	27.8	6	6	18	15	9	4.0	M 4	5.46	39.7
R5140.075-036	m 0.75	36	27.0	28.5	6	6	18	15	9	4.0	M 4	5.66	41.2
R5140.075-040	m 0.75	40	30.0	31.5	6	6	20	15	9	4.0	M 4	6.49	51.7
R5140.075-045	m 0.75	45	33.8	35.3	6	6	20	15	9	4.0	M 4	7.53	60.5
R5140.075-048	m 0.75	48	36.0	37.5	6	6	20	15	9	4.0	M 4	8.15	66.3
R5140.075-050	m 0.75	50	37.5	39.0	6	6	20	15	9	4.0	M 4	8.58	70.4
R5140.075-056	m 0.75	56	42.0	43.5	6	6	20	15	9	4.0	M 4	9.85	83.6
R5140.075-060	m 0.75	60	45.0	46.5	6	6	22	15	9	4.0	M 4	10.70	97.9
R5140.075-064	m 0.75	64	48.0	49.5	6	6	22	15	9	4.0	M 4	11.56	108.2
R5140.075-070	m 0.75	70	52.5	54.0	6	6	22	15	9	4.0	M 4	12.85	124.9
R5140.075-072	m 0.75	72	54.0	55.5	6	6	25	15	9	4.0	M 4	13.28	138.5
R5140.075-080	m 0.75	80	60.0	61.5	6	8	25	15	9	4.0	M 4	15.01	161.3
R5140.075-090	m 0.75	90	67.5	69.0	6	8	30	15	9	4.0	M 4	17.16	211.8
R5140.075-100	m 0.75	100	75.0	76.5	6	8	30	15	9	4.0	M 4	19.34	251.3
R5140.075-120	m 0.75	120	90.0	91.5	6	8	30	15	9	4.0	M 4	23.71	342.9