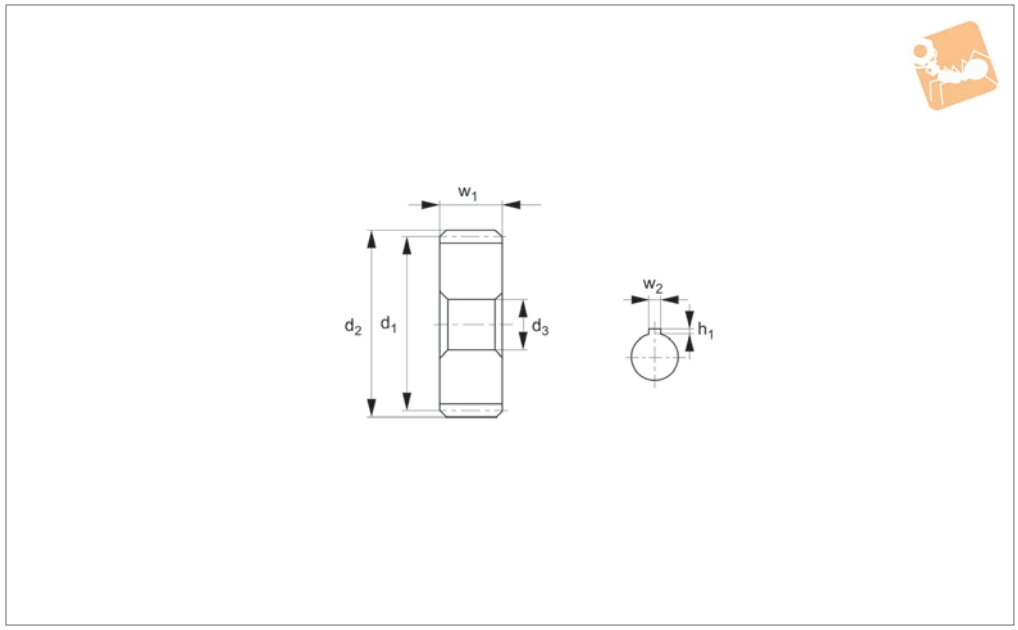

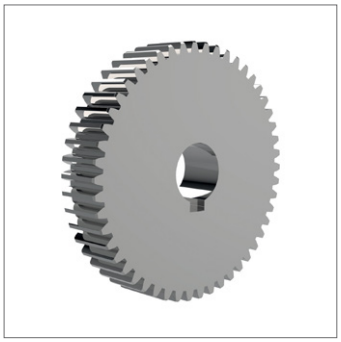

R5173

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 = 0,04 - 0,10mm.

Tips
Module 1 for gears with 8-10 teeth see R5175 & R5176, for gears with 12-18 teeth see R5177, for gears with 14-120 teeth with set screw see R5179.

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. H7	Keyway (w_2 x h_1)	Torque Nm max.	Weight g
R5173.100-050-06-10	m 1	50	50	52	6	10	-	14.32	89
R5173.100-050-06-12	m 1	50	50	52	6	12	4×1,8	14.32	87
R5173.100-050-10-08	m 1	50	50	52	10	8	-	24.83	151
R5173.100-050-10-10	m 1	50	50	52	10	10	3×1,4	24.83	148
R5173.100-050-10-12	m 1	50	50	52	10	12	4×1,8	24.83	145
R5173.100-050-10-15	m 1	50	50	52	10	15	5×2,3	24.83	140
R5173.100-052-06-10	m 1	52	52	54	6	10	-	15.28	97
R5173.100-052-10-10	m 1	52	52	54	10	10	-	25.78	161
R5173.100-054-06-10	m 1	54	54	56	6	10	-	16.23	105
R5173.100-054-10-10	m 1	54	54	56	10	10	-	27.69	174
R5173.100-055-06-10	m 1	55	55	57	6	10	-	16.23	109
R5173.100-055-10-10	m 1	55	55	57	10	10	-	27.69	181
R5173.100-056-06-10	m 1	56	56	58	6	10	-	17.19	113
R5173.100-056-06-12	m 1	56	56	58	6	12	4×1,8	17.19	111
R5173.100-056-10-10	m 1	56	56	58	10	10	-	28.65	188
R5173.100-056-10-12	m 1	56	56	58	10	12	4×1,8	28.65	184
R5173.100-056-10-15	m 1	56	56	58	10	15	5×2,3	28.65	179
R5173.100-058-06-10	m 1	58	58	60	6	10	-	18.14	115
R5173.100-058-10-10	m 1	58	58	60	10	10	-	29.60	196
R5173.100-060-06-10	m 1	60	60	62	6	10	-	18.14	130
R5173.100-060-06-12	m 1	60	60	62	6	12	4×1,8	18.14	128
R5173.100-060-10-10	m 1	60	60	62	10	10	-	31.51	216
R5173.100-060-10-10K	m 1	60	60	62	10	10	3×1,4	31.51	216
R5173.100-060-10-12	m 1	60	60	62	10	12	4×1,8	31.51	213
R5173.100-060-10-15	m 1	60	60	62	10	15	5×2,3	31.51	208
R5173.100-062-06-10	m 1	62	62	64	6	10	-	19.10	139
R5173.100-062-10-10	m 1	62	62	64	10	10	-	32.47	231
R5173.100-064-06-10	m 1	64	64	66	6	10	-	20.05	148
R5173.100-064-06-12	m 1	64	64	66	6	12	4×1,8	20.05	146
R5173.100-064-10-10	m 1	64	64	66	10	10	-	33.42	247

Spur Gears - Module 1

carbon steel - 14-68 teeth

Order No.	Module	No. of teeth z	Pitch dia. d_1	d_2	w_1	d_3 tol. H7	Keyway (w_2 x h_1)	Torque Nm max.	Weight g
R5173.100-064-10-12	m 1	64	64	66	10	12	4×1,8	33.42	244
R5173.100-064-10-15	m 1	64	64	66	10	15	5×2,3	33.42	238
R5173.100-065-06-10	m 1	65	65	67	6	10	-	20.05	153
R5173.100-065-10-10	m 1	65	65	67	10	10	-	34.38	255
R5173.100-066-06-10	m 1	66	66	68	6	10	-	21.01	158
R5173.100-066-10-10	m 1	66	66	68	10	10	-	35.33	263
R5173.100-068-06-10	m 1	68	68	70	6	10	-	21.96	168
R5173.100-068-10-10	m 1	68	68	70	10	10	-	36.29	279
R5173.100-030-08-08	m 1	30	30	32	8	8	-	10.54	42
R5173.100-030-08-10	m 1	30	30	32	8	10	3×1,4	10.54	40
R5173.100-030-10-10	m 1	30	30	32	10	10	3×1,4	13.19	49
R5173.100-030-12-08	m 1	30	30	32	12	8	-	15.81	62
R5173.100-030-12-10	m 1	30	30	32	12	10	3×1,4	15.81	59
R5173.100-030-12-12	m 1	30	30	32	12	12	4×1,8	15.81	56
R5173.100-032-06-08	m 1	32	32	34	6	8	-	8.62	36
R5173.100-032-06-10	m 1	32	32	34	6	10	3×1,4	8.62	34
R5173.100-032-06-12	m 1	32	32	34	6	12	4×1,8	8.62	33
R5173.100-032-10-08	m 1	32	32	34	10	8	-	14.37	60
R5173.100-032-10-10	m 1	32	32	34	10	10	3×1,4	14.37	57
R5173.100-032-10-12	m 1	32	32	34	10	12	4×1,8	14.37	54
R5173.100-034-06-08	m 1	34	34	36	6	8	-	9.34	41
R5173.100-034-10-08	m 1	34	34	36	10	8	-	15.57	68
R5173.100-035-06-08	m 1	35	35	37	6	8	-	9.70	43
R5173.100-035-06-10	m 1	35	35	37	6	10	3×1,4	9.70	42
R5173.100-035-06-12	m 1	35	35	37	6	12	4×1,8	9.70	40
R5173.100-035-10-08	m 1	35	35	37	10	8	-	16.17	72
R5173.100-035-10-10	m 1	35	35	37	10	10	3×1,4	16.17	69
R5173.100-035-10-12	m 1	35	35	37	10	12	4×1,8	16.17	67
R5173.100-035-10-15	m 1	35	35	37	10	15	5×2,3	16.17	61
R5173.100-036-06-08	m 1	36	36	38	6	8	-	10.07	46
R5173.100-036-06-10	m 1	36	36	38	6	10	3×1,4	10.07	44
R5173.100-036-06-12	m 1	36	36	38	6	12	4×1,8	10.07	43
R5173.100-036-10-08	m 1	36	36	38	10	8	-	16.78	76
R5173.100-036-10-10	m 1	36	36	38	10	10	3×1,4	16.78	74
R5173.100-036-10-12	m 1	36	36	38	10	12	4×1,8	16.78	71
R5173.100-036-10-15	m 1	36	36	38	10	15	5×2,3	16.78	66
R5173.100-038-06-08	m 1	38	38	40	6	8	-	10.80	52
R5173.100-038-10-08	m 1	38	38	40	10	8	-	18.00	86
R5173.100-040-06-08	m 1	40	40	42	6	8	-	11.53	57
R5173.100-040-06-10	m 1	40	40	42	6	10	3×1,4	11.53	56
R5173.100-040-06-12	m 1	40	40	42	6	12	4×1,8	11.53	54
R5173.100-040-10-08	m 1	40	40	42	10	8	-	19.18	95
R5173.100-040-10-10	m 1	40	40	42	10	10	3×1,4	19.18	93
R5173.100-040-10-12	m 1	40	40	42	10	12	4×1,8	19.18	90
R5173.100-040-10-15	m 1	40	40	42	10	15	5×2,3	19.18	84
R5173.100-042-06-08	m 1	42	42	44	6	8	-	12.27	63
R5173.100-042-10-08	m 1	42	42	44	10	8	-	20.45	105
R5173.100-044-06-08	m 1	44	44	46	6	8	-	13.01	70
R5173.100-044-10-08	m 1	44	44	46	10	8	-	21.68	116
R5173.100-045-06-08	m 1	45	45	47	6	8	-	13.38	73
R5173.100-045-06-10	m 1	45	45	47	6	10	3×1,4	13.38	71
R5173.100-045-06-12	m 1	45	45	47	6	12	4×1,8	13.38	70
R5173.100-045-10-08	m 1	45	45	47	10	8	-	22.30	121
R5173.100-045-10-10	m 1	45	45	47	10	10	3×1,4	22.30	119
R5173.100-045-10-12	m 1	45	45	47	10	12	4×1,8	22.30	116
R5173.100-045-10-15	m 1	45	45	47	10	15	5×2,3	22.30	111
R5173.100-046-06-08	m 1	46	46	48	6	8	-	13.75	76
R5173.100-046-10-10	m 1	46	46	48	10	10	-	22.92	125
R5173.100-048-06-08	m 1	48	48	50	6	8	-	14.32	83
R5173.100-048-06-10	m 1	48	48	50	6	10	3×1,4	14.32	82
R5173.100-048-06-12	m 1	48	48	50	6	12	4×1,8	14.32	80
R5173.100-048-10-10	m 1	48	48	50	10	10	-	23.87	136
R5173.100-048-10-12	m 1	48	48	50	10	12	4×1,8	23.87	133
R5173.100-048-10-15	m 1	48	48	50	10	15	5×2,3	23.87	128
R5173.100-014-08-05	m 1	14	14	16	8	5	-	3.38	9
R5173.100-014-08-06	m 1	14	14	16	8	6	-	3.38	8
R5173.100-014-12-06	m 1	14	14	16	12	6	-	5.07	12

Order No.	Module	No. of teeth z	Pitch dia. d_1	d_2	w_1	d_3 tol. H7	Keyway (w_2 x h_1)	Torque Nm max.	Weight g
R5173.100-015-08-05	*m* 1	15	15	17	8	5	-	3.79	10
R5173.100-015-08-06	*m* 1	15	15	17	8	6	-	3.79	10
R5173.100-015-12-06	*m* 1	15	15	17	12	6	-	5.68	14
R5173.100-016-08-05	*m* 1	16	16	18	8	5	-	4.21	12
R5173.100-016-08-06	*m* 1	16	16	18	8	6	-	4.21	11
R5173.100-016-12-08	*m* 1	16	16	18	12	8	-	6.31	15
R5173.100-017-08-05	*m* 1	17	17	19	8	5	-	4.63	13
R5173.100-017-12-08	*m* 1	17	17	19	12	8	-	6.94	17
R5173.100-018-08-05	*m* 1	18	18	20	8	5	-	5.06	15
R5173.100-018-08-06	*m* 1	18	18	20	8	6	-	5.06	15
R5173.100-018-12-08	*m* 1	18	18	20	12	8	-	7.58	20
R5173.100-019-08-06	*m* 1	19	19	21	8	6	-	6.38	16
R5173.100-019-12-08	*m* 1	19	19	21	12	8	-	9.57	22
R5173.100-020-08-06	*m* 1	20	20	22	8	6	-	5.94	18
R5173.100-020-08-08	*m* 1	20	20	22	8	8	-	5.94	15
R5173.100-020-12-08	*m* 1	20	20	22	12	8	-	8.90	25
R5173.100-020-12-10	*m* 1	20	20	22	12	10	3×1,4	8.90	20
R5173.100-021-08-06	*m* 1	21	21	23	8	6	-	6.38	20
R5173.100-021-12-10	*m* 1	21	21	23	12	10	-	9.57	23
R5173.100-022-08-06	*m* 1	22	22	24	8	6	-	6.83	23
R5173.100-022-12-10	*m* 1	22	22	24	12	10	-	10.24	29
R5173.100-023-08-06	*m* 1	23	23	25	8	6	-	7.28	25
R5173.100-023-12-10	*m* 1	23	23	25	12	10	-	10.93	32
R5173.100-024-08-06	*m* 1	24	24	26	8	6	-	7.74	27
R5173.100-024-08-08	*m* 1	24	24	26	8	8	-	9.67	26
R5173.100-024-12-08	*m* 1	24	24	26	12	8	-	11.61	38
R5173.100-024-12-10	*m* 1	24	24	26	12	10	3×1,4	11.61	35
R5173.100-025-08-06	*m* 1	25	25	27	8	6	-	8.20	30
R5173.100-025-08-08	*m* 1	25	25	27	8	8	-	10.29	28
R5173.100-025-08-10	*m* 1	25	25	27	8	10	3×1,4	10.29	26
R5173.100-025-12-08	*m* 1	25	25	27	12	8	-	12.30	42
R5173.100-025-12-10	*m* 1	25	25	27	12	10	3×1,4	12.30	39
R5173.100-026-08-06	*m* 1	26	26	28	8	6	-	8.66	32
R5173.100-026-12-08	*m* 1	26	26	28	12	8	-	12.99	46
R5173.100-027-08-06	*m* 1	27	27	29	8	6	-	9.13	35
R5173.100-027-12-08	*m* 1	27	27	29	12	8	-	13.69	50
R5173.100-028-08-06	*m* 1	28	28	30	8	6	-	9.60	37
R5173.100-028-08-08	*m* 1	28	28	30	8	8	-	9.60	36
R5173.100-028-12-08	*m* 1	28	28	30	12	8	-	14.40	56
R5173.100-028-12-10	*m* 1	28	28	30	12	10	3×1,4	14.40	51
R5173.100-028-12-12	*m* 1	28	28	30	12	12	4×1,8	14.40	47