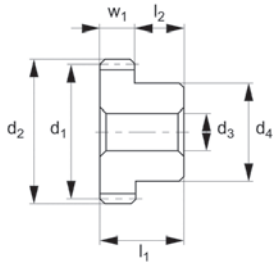

R5161

Material
Carbon steel (ISO C45).
Accuracy to JIS B 1702-1 (ISO) class 8, (class 9 for hardened teeth versions). -H Gear teeth surface induction-hardened to 47-53 HRC for increased durability.

Technical Notes
20° pressure angle, full depth tooth.
Amount of backlash when assembling gears = 0,016 - 0,048mm.

Tips
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	Torque Nm max.	Weight g
R5161.080-025	*m* 0.8	25	20	21.6	8	5	16	18	10	5.27	32.5
R5161.080-025H	*m* 0.8	25	20	21.6	8	5	16	18	10	5.58	32.5
R5161.080-030	*m* 0.8	30	24	25.6	8	5	20	18	10	6.75	50.1
R5161.080-030H	*m* 0.8	30	24	25.6	8	5	20	18	10	7.16	50.1
R5161.080-040	*m* 0.8	40	32	33.6	8	6	25	18	10	9.82	84.7
R5161.080-040H	*m* 0.8	40	32	33.6	8	6	25	18	10	10.41	84.7
R5161.080-050	*m* 0.8	50	40	41.6	8	6	28	18	10	12.96	122.9
R5161.080-050H	*m* 0.8	50	40	41.6	8	6	28	18	10	13.73	122.9
R5161.080-060	*m* 0.8	60	48	49.6	8	6	34	18	10	16.14	180.5
R5161.080-060H	*m* 0.8	60	48	49.6	8	6	34	18	10	17.11	180.5
R5161.080-070	*m* 0.8	70	56	57.6	8	8 tol. H7	40	18	10	19.36	245.7
R5161.080-070H	*m* 0.8	70	56	57.6	8	8	40	18	10	20.53	245.7
R5161.080-080	*m* 0.8	80	64	65.6	8	8 tol. H7	45	18	10	22.61	319.2
R5161.080-080H	*m* 0.8	80	64	65.6	8	8	45	18	10	23.97	319.2
R5161.080-090	*m* 0.8	90	72	73.6	8	8 tol. H7	50	18	10	25.83	402.1
R5161.080-090H	*m* 0.8	90	72	73.6	8	8	50	18	10	27.39	402.1
R5161.080-100	*m* 0.8	100	80	81.6	8	10 tol. H7	60	18	10	29.10	525.8
R5161.080-100H	*m* 0.8	100	80	81.6	8	10	60	18	10	30.85	525.8
R5161.080-120	*m* 0.8	120	96	97.6	8	10 tol. H7	70	18	10	35.65	744.7
R5161.080-120H	*m* 0.8	120	96	97.6	8	10	70	18	10	37.80	744.7