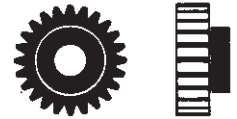
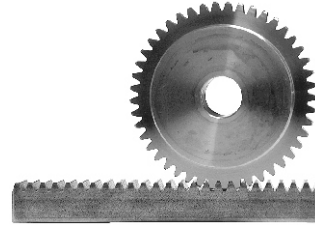
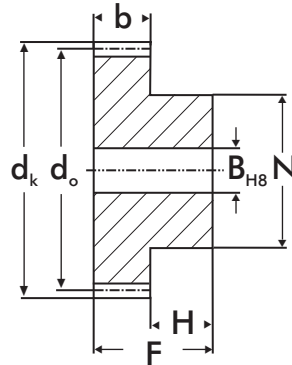


# Metric Spur Gears



## Modules 1-4 Pressure Angle 20° Material: Stainless Steel

1.4305  
AS2837-1986-303  
AISI 303



Module	Part No.	No. of Teeth	Drilled Hole B <sub>H8</sub>	Hub Diam. N	Outside Diam. D <sub>k</sub>	Pitch Diam. D <sub>o</sub>	Length Overall F	H	Face Width b	Torque Md (Nm)
1 Pitch 3.1416	SNE1012	12	5	9	14	12	16	8	8	0.15
	SNE1015	15	6	12	17	15	16	8	8	0.23
	SNE1020	20	8	17	22	20	16	8	8	0.48
	SNE1025	25	8	22	27	25	16	8	8	0.7
	SNE1030	30	8	25	32	30	16	8	8	1.0
	SNE1040	40	10	30	42	40	16	8	8	1.7
1.5 Pitch 4.7124	SNE1512	12	6	13	21	18	24	12	12	0.5
	SNE1515	15	8	18	25.5	22.5	24	12	12	0.9
	SNE1520	20	8	25	33	30	24	12	12	1.7
	SNE1525	25	10	30	40.5	37.5	24	12	12	2.6
	SNE1530	30	10	35	48	45	24	12	12	3.5
	SNE1540	40	12	45	63	60	24	12	12	5.8
2 Pitch 6.2832	SNE2012	12	10	18	28	24	30	14	16	1.3
	SNE2015	15	12	24	34	30	30	14	16	2.1
	SNE2020	20	15	33	44	40	27	14	16	4.0
	SNE2025	25	15	43	54	50	30	14	16	6.3
	SNE2030	30	15	50	64	60	30	14	16	8.6
	SNE2040	40	20	60	84	80	30	14	16	14.6
2.5 Pitch 7.8540	SNE2512	12	10	23	35	30	37	17	20	2.2
	SNE2515	15	15	30	42.5	37.5	37	17	20	4.0
	SNE2520	20	15	40	55	50	37	17	20	7.6
	SNE2525	25	15	55	67.5	62.5	37	17	20	11.7
	SNE2530	30	15	65	80	75	37	17	20	16.5
	SNE2540	40	20	80	105	100	37	17	20	28.7
3 Pitch 9.4248	SNE3012	12	15	25	42	36	43	19	24	4.9
	SNE3015	15	15	35	51	45	43	19	24	7.3
	SNE3020	20	15	45	66	60	43	19	24	13.3
	SNE3025	25	15	60	81	75	43	19	24	20.4
	SNE3030	30	20	75	96	90	43	19	24	30.1
	SNE3040	40	20	100	126	120	43	19	24	52.4
4 Pitch 12.5664	SNE4012	12	20	35	56	48	55	25	32	12.2
	SNE4015	15	20	45	68	60	55	23	32	16.8
	SNE4020	20	20	65	88	80	52	23	32	30.2
	SNE4025	25	20	75	108	100	55	23	32	46.2
	SNE4030	30	20	80	128	120	55	23	32	65.8
	SNE4040	40	20	100	168	160	55	23	32	115.4

### Notes:

All measurements are in mm unless otherwise stated. The listed torques: Md (Nm) are based on a rotation speed of 200rpm and refer to a combination of two pinions of the corresponding type.

SF = 1.4 (safety factor for tooth root stress).

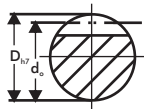
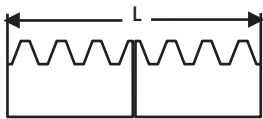
SH = 1.0 (safety factor for Hertzian stress) for continuous operation.

1 Nm = 0.737561 lbs.f.ft.

All specifications are subject to change without notice. TEA type gear dimensions according to drawings.

# Metric Racks - Stainless Steel

**Modules 1-3** Pressure Angle 20° Material: Stainless Steel  
AS2837-1986-303-4305 AISI 303



Module	Dimensions in mm		Old P/N (Length 1000mm)	New P/N 500mm	New P/N 1000mm	New P/N 2000mm
	D <sub>h6</sub>	D <sub>o</sub>				
1	10	9	RZE 10/1000	131202	131203	131204
1.5	15	13.5	RZE 15/1000	131212	131213	131214
2	20	18	RZE 20/1000	131222	131223	131224
2.5	25	22.5	RZE 25/1000	131232	131233	131234
3	30	27	RZE 30/1000	131242	131243	131244

All specifications are subject to change without notice.  
Also available in Module 4 & 5.



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