



Metric Mitre Gear Sets MOD 0.8 to 2.5

in Steel EN8,080M40/080M46 or equivalent

1 : 1 Ratio

ENGLISH

Cut to the Gleason System

20° pressure angle

Bore tolerance H8

DIN 3964, DIN 3967, DIN 3971

All gears supplied with chemi black finish

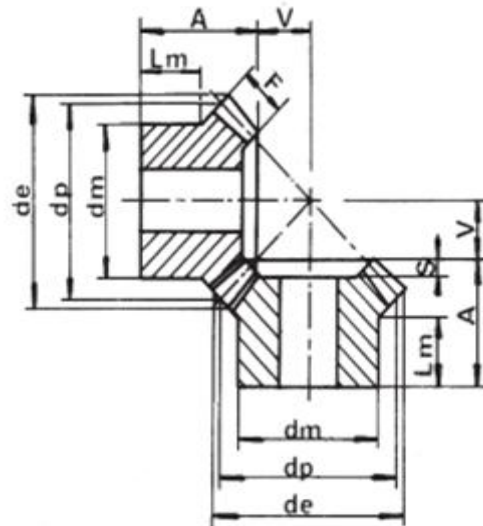
**Intermediate sizes & Special mitres to drawing
All dimensions in mm.**

Shaft axes to intersect within ± 0.025 mm

Angular accuracy between shafts ± 5 mins

Mounting distance tolerance ± 0.05 mm

**Standard tolerances, unless otherwise stated
 ± 0.25 mm.**



RS Article no.	Code	Pitch Module	No. Teeth	dp	V+A	dm	Bore H8	F	A	de	Lm	S
5215780	SBM08/16	0.8	16	12.8	11	11	4	3.4	7	13.9	3.7	0
5215803	SBM08/24	0.8	24	19.2	16	15	5	5	10.05	20.3	4.3	1.1
5215819	SBM10/25	1	25	25	23	20	6	6	15.16	26.41	8	1.16
5215825	SBM10/30	1	30	30	28	24	8	6	17.71	31.41	10	1.71
5215831	SBM15/16	1.5	16	24	20	21	8	4.2	11	26.1	6.5	0
5215847	SBM15/20	1.5	20	30	30	26	8	8	21.24	32.12	13	2.24
5215869	SBM15/25	1.5	25	37.5	34	30	10	9	22.25	39.62	11.5	3.25
5215875	SBM15/30	1.5	30	45	43	36	10	10	28.24	47.12	16	3.24
5215881	SBM20/16	2	16	32	30	27	10	7	19	34.83	11.5	0
5215897	SBM20/20	2	20	40	37	34	12	10	24.89	42.83	14	2.89
5215904	SBM20/25	2	25	50	40	40	12	12	24.33	52.83	10	4.33
5215926	SBM20/30	2	30	60	50	45	12	12	29.42	62.83	12.5	4.42
5215932	SBM25/16	2.5	16	40	35	34	12	8.5	21	43.53	12	0
5215948	SBM25/20	2.5	20	50	48	42	14	12	32.54	53.54	19	3.54
5215954	SBM25/25	2.5	25	62.5	50	50	16	15	30.41	66.04	12.5	4.4
5215960	SBM25/30	2.5	30	75	62	60	16	15	36.29	78.54	17	4.29