

STRAIGHT TEETH BEVEL GEARS

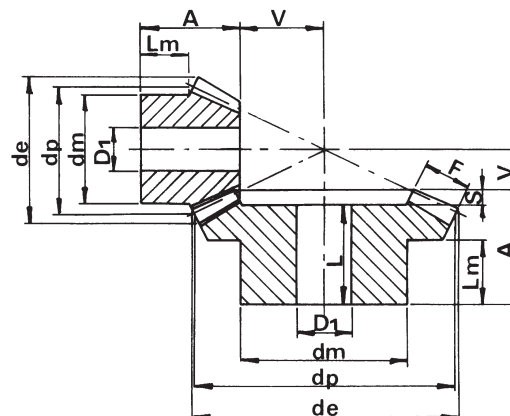
MATERIAL: C 43 – UNI 7847

Normal axis Bevel Gears

Pressure angle: 20°

Gleason System

Ratio – 1:1.5



M	Z	d _p	d _e	F	A	d _m	D ₁	L	V	S	L _m
1	16	16	18.1	4.3	12	13.3	4		8		7
	24	24	24.8	4.3	14.8	20.3	5	13.3	5.2	1.5	9.3
1.5	16	24	27.1	8	20.3	20.3	8		10.7		11.8
	24	36	37.2	8	24.9	28.3	8	22.7	7.1	2.2	16
2	16	32	36.2	10	25.2	25.3	8		14.8		13.8
	24	48	49.7	10	27.2	32.3	8	24.7	9.8	2.5	16
2.5	16	40	45.2	13	30.8	32.3	12		18.2		16.4
	24	60	62.1	13	34	45.3	14	30.8	12	3.2	20
3	16	48	54.3	14.5	32.4	40.3	12		22.6		16.4
	24	72	74.5	14.5	36.2	55.3	16	32	14.8	4.2	20
3.5	16	56	63.3	18	40.4	45.3	16		25.6		20.4
	24	84	86.9	18	44.2	55.3	20	40	16.8	4.2	25
4	16	64	72.4	18	46.8	50.3	16		31.2		25.4
	24	96	99.3	18	45.5	60.3	20	40	20.5	5.5	25
4.5	16	72	81.4	20	47.6	60.3	20		35.4		25.1
	24	108	111.7	20	57.8	80.3	20	51.3	23.2	6.5	35
5	16	80	90.5	24	54.1	60.3	20		37.9		25.4
	24	120	124.1	24	61.1	80.3	20	54.5	24.9	6.6	35

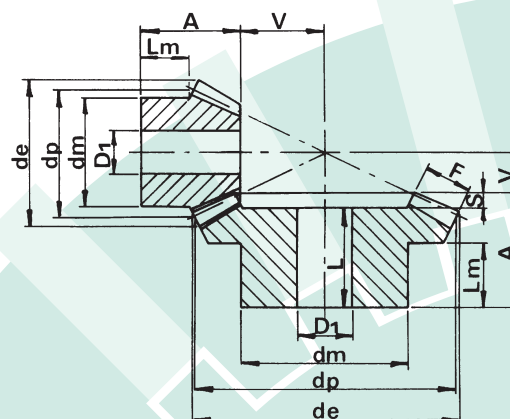
MATERIAL: C 43 – UNI 7847

Normal axis Bevel Gears

Pressure angle: 20°

Gleason System

Ratio – 1:2



M	Z	d _p	d _e	F	A	d _m	D ₁	L	V	S	L _m
1	15	15.0	17.4	5	11.9	13.3	4		10.1		6.5
	30	30.0	30.6	5	15.1	20.3	5	13.7	4.9	1.4	9
1.5	15	22.5	26.1	9	21.1	19.3	8		13.9		11.9
	30	45.0	45.9	9	25.2	32.3	8	23	6.8	2.2	16
2	15	30.0	34.8	11.5	26	25.3	8		19.0		14.1
	30	60.0	61.2	11.5	29.8	40.3	14	26.8	9.2	3	18
2.5	15	37.5	43.5	15	31.8	32.3	12		23.2		16.2
	30	75.0	76.5	15	33.7	45.3	16	30	11.3	3.7	20
3	15	45.0	52.2	17	37.3	40.3	12		28.7		19.9
	30	90.0	91.8	17	42.1	55.3	16	38	13.9	4.1	25
3.5	15	52.5	60.9	20.5	46.1	45.3	16		32.9		24.7
	30	105.0	107.1	20.5	45	60.3	20	40	16.0	5	25
4	15	60.0	69.6	22.5	48.6	50.3	20		38.4		24.6
	30	120.0	122.3	22.5	57.3	80.3	20	51.9	18.7	5.4	35
4.5	15	67.5	78.3	26	51.4	60.3	20		42.6		24.7
	30	135.0	137.6	26	60.3	80.3	20	54.3	20.7	6	35
5	15	75.0	87	30	57.6	60.3	20		46.4		25.3
	30	150.0	152.9	30	62.5	80.3	20	56	22.5	6.5	35