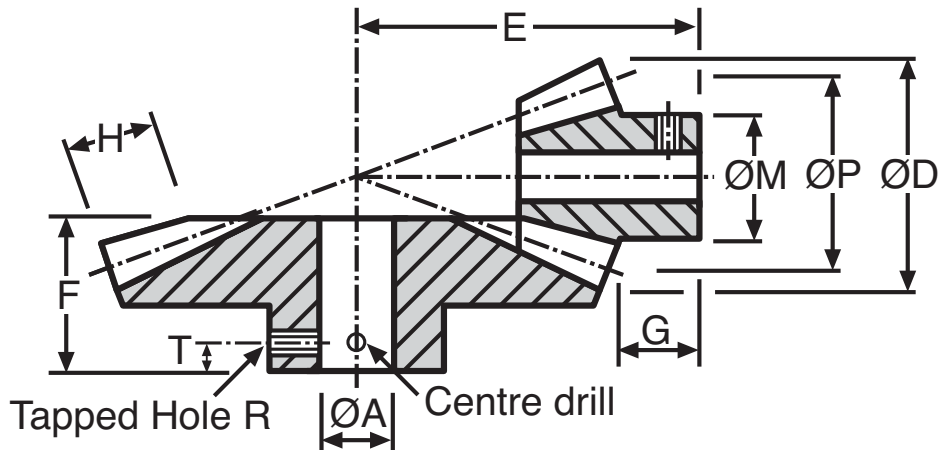
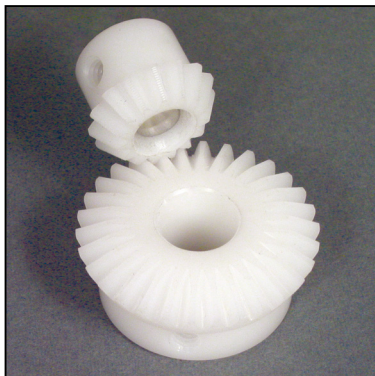


COMMERCIAL GEARS

Z-B

Machined Delrin Bevel Gears α 20° PA

2:1, 3:1 & 4:1 Ratios



Torque and Power	20 teeth at 1000 rpm					
	0.8 MOD	1.0 MOD	1.25 MOD	1.5 MOD	2.0 MOD	2.5 MOD
Torque (Nm)	0.030	0.120	0.150	0.20	0.46	0.91
Power (kW)	0.003	0.013	0.016	0.02	0.05	0.09

Discounts: 6+ -5% 30+ -10% 100+ -15% 400+ -20% 1000+ -25%

Part Number	Teeth Z	Mod	ØP	E	ØD	ØA	ØM	F	G	H	Screw R	T	Price Each 1-5
2:1 RATIO													
ZDB0.8-15	15	0.8	12.00	20.00	13.93	6	10	11.90	7.50	4.02	M3	3.50	£11.58
ZDB0.8-30	30	0.8	24.00	14.00	24.64	8	20	10.08	5.50	4.02	M3	3.50	£13.68
ZDB1-15	15	1.0	15.00	24.00	17.42	8	14	13.87	8.76	5.03	M4	4.00	£13.13
ZDB1-30	30	1.0	30.00	18.00	30.58	10	25	13.11	7.00	5.03	M4	4.00	£16.15
ZDB1.5-15	15	1.5	22.50	35.00	26.12	10	21	19.84	12.13	7.55	M4	5.00	£18.23
ZDB1.5-30	30	1.5	45.00	27.00	45.87	10	30	19.66	11.00	7.55	M4	5.00	£18.33
ZDB2-15	15	2.0	30.00	45.00	34.83	12	28	24.76	14.86	10.06	M5	7.50	£15.85
ZDB2-30	30	2.0	60.00	35.00	61.16	12	40	25.21	14.00	10.06	M5	8.00	£22.03
ZDB2.5-15	15	2.5	37.50	54.00	43.54	15	32	29.51	16.51	13.53	M5	8.00	£21.66
ZDB2.5-30	30	2.5	75.00	41.50	76.45	15	50	29.31	13.31	13.53	M5	7.00	£27.39
3:1 RATIO													
ZTB0.8-15	15	0.8	12.00	28.00	14.14	6	10	15.63	9.67	5.69	M3	5.00	£10.27
ZTB0.8-45	45	0.8	36.00	20.00	36.30	8	28	16.07	8.00	5.69	M3	4.00	£15.45
ZTB1-15	15	1.0	15.00	32.00	17.67	8	13	16.54	9.18	7.12	M4	4.50	£11.16
ZTB1-45	45	1.0	45.00	24.00	45.37	10	40	19.09	10.00	7.12	M4	5.00	£16.55
ZTB1.5-15	15	1.5	22.50	45.00	26.51	10	18	21.80	10.51	10.67	M4	5.00	£11.44
ZTB1.5-45	45	1.5	67.50	32.00	68.06	15	50	24.63	12.00	10.67	M4	6.00	£18.79
4:1 RATIO													
ZFB0.8-15	15	0.8	12.00	35.00	14.23	6	10	18.07	10.58	7.10	M3	5.00	£10.98
ZFB0.8-60	60	0.8	48.00	20.00	48.22	8	30	15.98	8.00	7.10	M3	4.00	£16.85
ZFB1-15	15	1.0	15.00	45.00	17.79	8	13	24.22	14.73	9.28	M4	7.00	£12.26
ZFB1-60	60	1.0	60.00	30.00	60.27	10	40	25.08	12.00	9.28	M4	6.00	£17.73
ZFB1.5-15	15	1.5	22.50	60.00	26.69	10	18	28.82	12.08	13.91	M4	6.00	£12.79
ZFB1.5-60	60	1.5	60.00	35.00	90.41	15	50	27.61	12.00	13.91	M4	6.00	£19.86

Material

Delrin.

Operating Temperature Range: -50° to +80°C

Note: Two complementary bevel gears are required to form 1 pair

Options

Different number of teeth

Other material

Other bores, fixings, etc.

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Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.