



Description	Number of teeth	Type	Material	$d_a$ (mm)	$d_e$ (mm)	$D_b$ (mm)	$b_1$ (mm)	B (mm)	N (mm)	D (mm)	$D_i$ (mm)	Z (mm)	Finished bore $d_{max}$ (mm)	Taper bushing	Weight without bushing (≈kg)
<b>8MDC</b>															
8MDC 12 TB 25	25	2F	ST	63.66	62.06	70.0	20.0	22.0	22.0	49	-	-	28	1108	0.300
8MDC 12 TB 28	28	2F	ST	71.30	69.70	79.0	20.0	22.0	22.0	59	-	-	28	1108	0.400
8MDC 12 TB 30	30	2F	ST	76.39	74.79	86.0	20.0	25.0	25.0	66	-	-	32	1210	0.400
8MDC 12 TB 32	32	2F	ST	81.49	79.89	90.0	20.0	25.0	25.0	66	-	-	42	1610	0.400
8MDC 12 TB 34	34	2F	ST	86.58	84.98	95.0	20.0	25.0	25.0	70	-	-	42	1610	0.500
8MDC 12 TB 36	36	2F	ST	91.67	90.07	98.0	20.0	25.0	25.0	78	-	-	42	1610	0.600
8MDC 12 TB 38	38	2F	ST	96.77	95.17	106.0	20.0	25.0	25.0	80	-	-	42	1610	0.700
8MDC 12 TB 40	40	2F	ST	101.86	100.26	111.0	20.0	25.0	25.0	85	-	-	42	1610	0.900
8MDC 12 TB 45	45	2F	ST	114.59	112.99	119.0	20.0	32.0	32.0	92	-	-	50	2012	1.100
8MDC 12 TB 48	48	2F	ST	122.23	120.63	135.0	20.0	32.0	32.0	104	-	-	50	2012	1.500
8MDC 12 TB 50	50	2F	ST	127.32	125.72	135.0	20.0	32.0	32.0	104	-	-	50	2012	1.600
8MDC 12 TB 56	56	2F	ST	142.60	141.00	151.0	20.0	32.0	32.0	104	-	-	50	2012	2.100
8MDC 12 TB 60	60	2F	ST	152.79	151.19	159.0	20.0	32.0	32.0	111	-	-	50	2012	2.400
8MDC 12 TB 64	64	2F	ST	162.97	161.37	168.0	20.0	32.0	32.0	111	-	-	50	2012	2.700
8MDC 12 TB 75	75	2	GG	190.99	189.39	-	20.0	32.0	32.0	111	-	-	50	2012	4.600
8MDC 12 TB 80	80	2	GG	203.72	202.12	-	20.0	32.0	32.0	111	-	-	50	2012	5.100
8MDC 12 TB 90	90	2	GG	229.18	227.58	-	20.0	-	-	111	-	-	50	2012	6.400
8MDC 21 TB 25	25	3F	ST	63.66	62.06	70.0	30.0	30.0	22.0	-	-	8.0	28	1108	0.400
8MDC 21 TB 28	28	3F	ST	71.30	69.70	79.0	30.0	30.0	25.0	-	-	5.0	32	1210	0.400
8MDC 21 TB 30	30	3F	ST	76.39	74.79	86.0	30.0	30.0	25.0	-	-	5.0	32	1210	0.600
8MDC 21 TB 32	32	3F	ST	81.49	79.89	90.0	30.0	30.0	25.0	-	-	5.0	42	1610	0.500
8MDC 21 TB 34	34	3F	ST	86.58	84.98	91.0	30.0	30.0	25.0	-	-	5.0	42	1610	0.600
8MDC 21 TB 36	36	3F	ST	91.67	90.07	98.0	30.0	30.0	25.0	-	-	5.0	42	1610	0.700
8MDC 21 TB 38	38	3F	ST	96.77	95.17	106.0	30.0	30.0	25.0	-	-	5.0	42	1610	1.000
8MDC 21 TB 40	40	3F	ST	101.86	100.26	111.0	30.0	30.0	25.0	-	-	5.0	42	1610	1.100
8MDC 21 TB 45	45	2F	ST	114.59	112.99	119.0	30.0	32.0	32.0	92	-	-	50	2012	1.300
8MDC 21 TB 48	48	2F	ST	122.23	120.63	135.0	30.0	32.0	32.0	104	-	-	50	2012	1.600
8MDC 21 TB 50	50	2F	ST	127.32	125.72	135.0	30.0	32.0	32.0	104	-	-	50	2012	1.900
8MDC 21 TB 56	56	2F	ST	142.60	141.00	151.0	30.0	32.0	32.0	111	-	-	50	2012	2.400
8MDC 21 TB 60	60	2F	ST	152.79	151.19	159.0	30.0	45.0	45.0	124	-	-	60	2517	3.200
8MDC 21 TB 64	64	2F	ST	162.97	161.37	168.0	30.0	45.0	45.0	124	-	-	60	2517	3.800
8MDC 21 TB 75	75	2	GG	190.99	189.39	-	30.0	45.0	45.0	124	-	-	60	2517	6.800
8MDC 21 TB 80	80	2	GG	203.72	202.12	-	30.0	45.0	45.0	124	-	-	60	2517	7.600
8MDC 21 TB 90	90	9	GG	229.18	227.58	-	30.0	45.0	45.0	124	198	7.5	60	2517	8.600
8MDC 21 TB 112	112	9	GG	285.21	283.61	-	30.0	45.0	45.0	124	253	7.5	60	2517	12.500
8MDC 21 TB 140	140	10	GG	356.51	354.91	-	30.0	51.0	51.0	150	324	10.5	75	3020	12.800
8MDC 36 TB 28	28	3F	ST	71.30	69.70	79.0	45.0	45.0	25.0	-	-	20.0	32	1210	0.700
8MDC 36 TB 30	30	3F	ST	76.39	74.79	86.0	45.0	45.0	25.0	-	-	20.0	42	1610	0.600
8MDC 36 TB 32	32	3F	ST	81.89	79.89	90.0	45.0	45.0	25.0	-	-	20.0	42	1610	0.800
8MDC 36 TB 34	34	3F	ST	86.58	84.98	95.0	45.0	45.0	25.0	-	-	20.0	42	1610	1.000
8MDC 36 TB 36	36	3F	ST	91.67	90.07	98.0	45.0	45.0	25.0	-	-	20.0	42	1610	1.200
8MDC 36 TB 38	38	3F	ST	96.77	95.17	106.0	45.0	45.0	25.0	-	-	20.0	42	1610	1.400
8MDC 36 TB 40	40	3F	ST	101.86	100.26	111.0	45.0	45.0	32.0	-	-	13.0	50	2012	1.400

**optibelt ZRS DELTA CHAIN Pulleys for Taper Bushings**  
Profile 8MDC



Description	Number of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>c</sub> (mm)	D <sub>b</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	D (mm)	D <sub>i</sub> (mm)	Z (mm)	Finished bore d <sub>max</sub> (mm)	Taper bushing	Weight without bushing (≈kg)
8MDC 36 TB 45	45	3F	ST	114.59	112.99	120.0	45.0	45.0	32.0	-	-	13.0	50	2012	1.900
8MDC 36 TB 48	48	3F	ST	122.23	120.63	128.0	45.0	45.0	32.0	-	-	13.0	50	2012	2.200
8MDC 36 TB 50	50	3F	ST	127.32	125.72	128.0	45.0	45.0	32.0	-	-	13.0	50	2012	2.700
8MDC 36 TB 56	56	3F	ST	142.60	141.00	150.0	45.0	45.0	45.0	-	-	-	60	2517	3.000
8MDC 36 TB 60	60	3F	ST	152.79	151.19	158.0	45.0	45.0	45.0	-	-	-	60	2517	3.800
8MDC 36 TB 64	64	3F	ST	162.97	161.37	168.0	45.0	45.0	45.0	-	-	-	60	2517	4.500
8MDC 36 TB 75	75	2	GG	190.99	189.39	-	45.0	51.0	51.0	150	-	-	75	3020	8.700
8MDC 36 TB 80	80	2	GG	203.72	202.12	-	45.0	51.0	51.0	150	-	-	75	3020	10.000
8MDC 36 TB 90	90	9	GG	229.18	227.58	-	45.0	51.0	51.0	150	197	3.0	75	3020	10.400
8MDC 36 TB 112	112	9	GG	285.21	283.61	-	45.0	51.0	51.0	150	253	3.0	75	3020	14.000
8MDC 36 TB 140	140	10	GG	356.51	354.91	-	45.0	51.0	51.0	150	324	3.0	75	3020	12.000
8MDC 36 TB 168	168	10	GG	427.81	426.21	-	45.0	65.0	65.0	198	396	10.0	100	3525	23.900
8MDC 36 TB 192	192	10	GG	488.92	487.32	-	45.0	65.0	65.0	198	457	10.0	100	3525	26.600
8MDC 62 TB 40	40	3F	ST	101.86	100.26	106.0	72.0	72.0	32.0	-	-	40.0	50	2012	2.100
8MDC 62 TB 45	45	3F	ST	114.59	112.99	120.0	72.0	72.0	32.0	-	-	40.0	50	2012	3.300
8MDC 62 TB 48	48	3F	ST	122.23	120.63	128.0	72.0	72.0	45.0	-	-	27.0	60	2517	3.900
8MDC 62 TB 50	50	3F	ST	127.32	125.72	135.0	72.0	72.0	45.0	-	-	27.0	60	2517	4.700
8MDC 62 TB 56	56	6F	ST	142.60	141.00	149.0	72.0	45.0	45.0	-	111	13.5	60	2517	5.500
8MDC 62 TB 60	60	6F	ST	152.79	151.19	157.0	72.0	45.0	45.0	-	121	13.5	60	2517	6.400
8MDC 62 TB 64	64	6F	ST	162.97	161.37	168.0	72.0	45.0	45.0	-	131	13.5	60	2517	7.200
8MDC 62 TB 75	75	6	GG	190.99	189.39	-	72.0	72.0	51.0	-	159	10.5	75	3020	10.000
8MDC 62 TB 80	80	6	GG	203.72	202.12	-	72.0	72.0	51.0	-	172	10.5	45	3020	11.500
8MDC 62 TB 90	90	6	GG	229.18	227.58	-	72.0	72.0	51.0	-	197	10.5	75	3020	15.000
8MDC 62 TB 112	112	7	GG	285.21	283.61	-	72.0	72.0	51.0	150	253	10.5	75	3020	15.000
8MDC 62 TB 140	140	7	GG	356.51	354.91	-	72.0	72.0	65.0	198	324	3.5	100	3525	24.800
8MDC 62 TB 168	168	8	GG	427.81	426.21	-	72.0	72.0	65.0	198	396	3.5	100	3525	28.400
8MDC 62 TB 192	192	8	GG	488.92	487.32	-	72.0	72.0	65.0	198	457	3.5	100	3525	32.200

Taper bushing	1008	1108	1210	1610	2012	2517	3020	3525
Bore d <sub>2</sub> (mm) from... to...	10-25	10-28	11-32	14-42	14-50	16-65	25-75	35-90

GG = Cast iron ST = Steel **We reserve the right to make technical changes.** \* Non stock items. Profile 14MDC on request  
Bore diameters d<sub>2</sub> see page 4.

**optibelt ZRS DELTA CHAIN Pulleys for Plain Boring**  
Profile 8MDC

Description	Number of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>c</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d <sub>max</sub> (mm)	Weight (≈kg)
<b>8MDC</b>													
8MDC 12 22	22	1F	ST	56.02	54.42	60.0	20.0	30.0	30.0	43	12	28	0.500
8MDC 21 22	22	1F	ST	56.02	54.42	60.0	30.0	40.0	40.0	43	12	28	0.600
8MDC 36 25	25	1F	ST	63.66	62.06	70.0	45.0	55.0	55.0	49	12	32	1.100
8MDC 62 30	30	1F	ST	76.39	74.79	86.0	72.0	84.0	84.0	65	15	42	2.500
8MDC 62 32	32	1F	ST	81.49	79.89	90.0	72.0	84.0	84.0	69	15	50	2.800
8MDC 62 34	34	1F	ST	86.58	84.98	95.0	72.0	84.0	84.0	74	15	55	3.000
8MDC 62 36	36	1F	ST	91.67	90.07	98.0	72.0	84.0	84.0	77	15	60	3.400
8MDC 62 38	38	1F	ST	96.77	95.17	106.0	72.0	84.0	84.0	84	15	60	3.800

GG = Cast iron ST = Steel **We reserve the right to make technical changes.** \* Non stock items. Profile 14MDC on request