
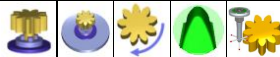
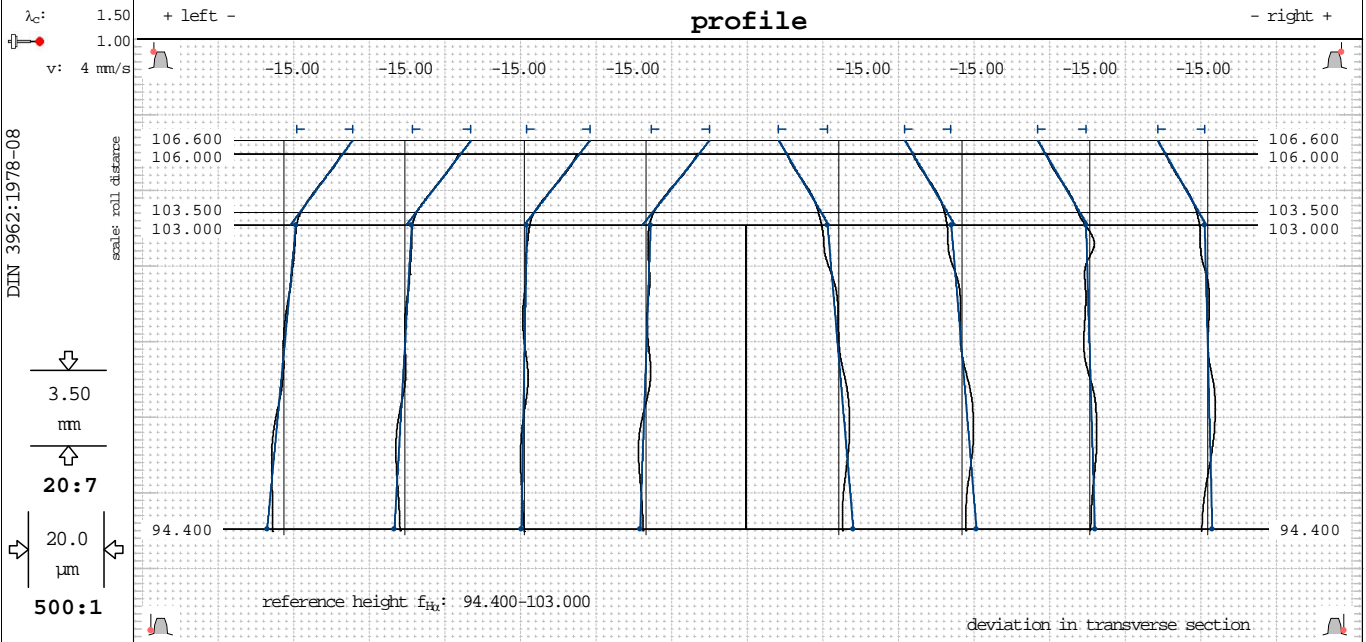
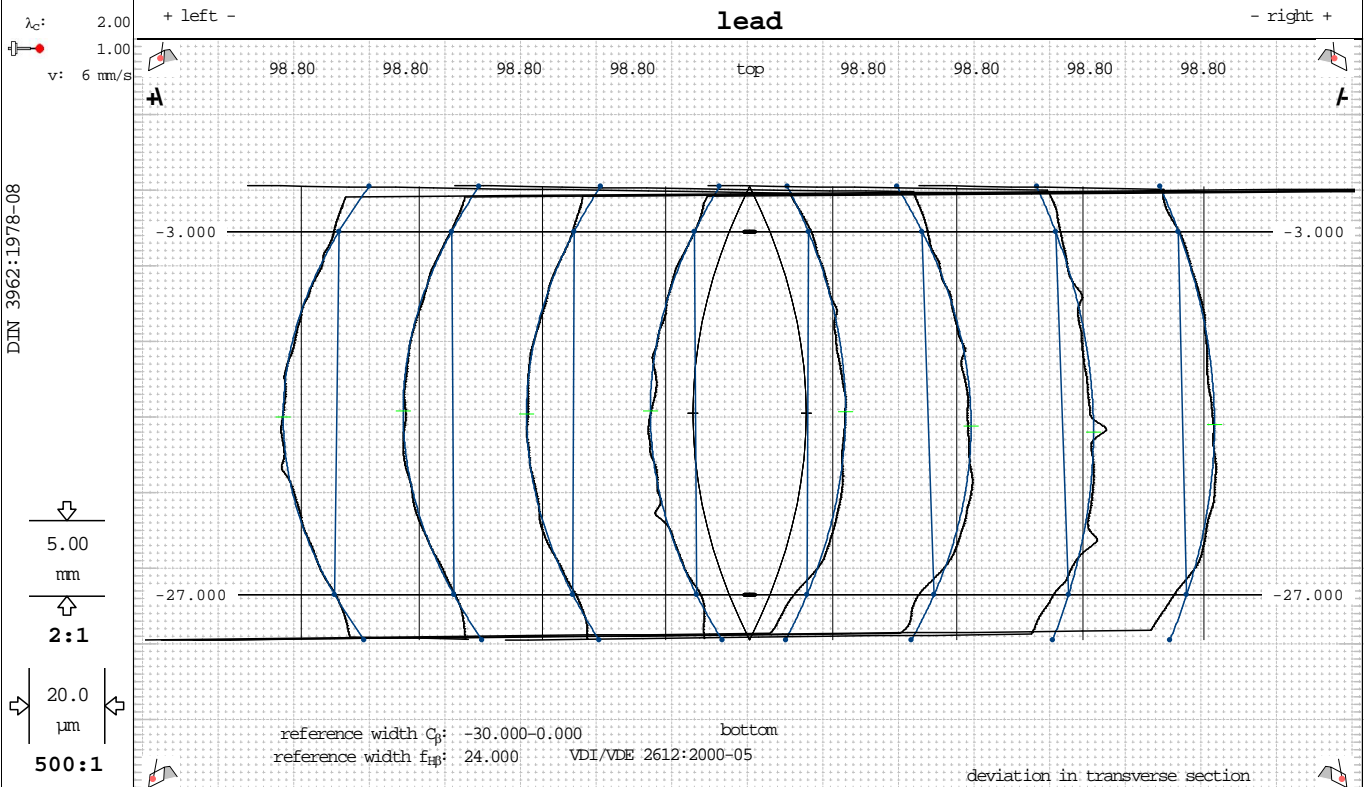



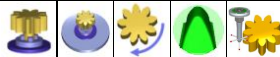
Workpiece number	involute_example			CMM		 GEAR® PRO involute
Drawing number				Operator		
Order number				Company		
Part number incr.	5			Department		
z	24	α_n	20.000°	d_f/d_a	88.700/106.600 mm	
m_n	4.000 mm	β	15.000° R	d	99.387 mm	
x	-0.100	b	30.000 mm	d_b	93.003 mm	

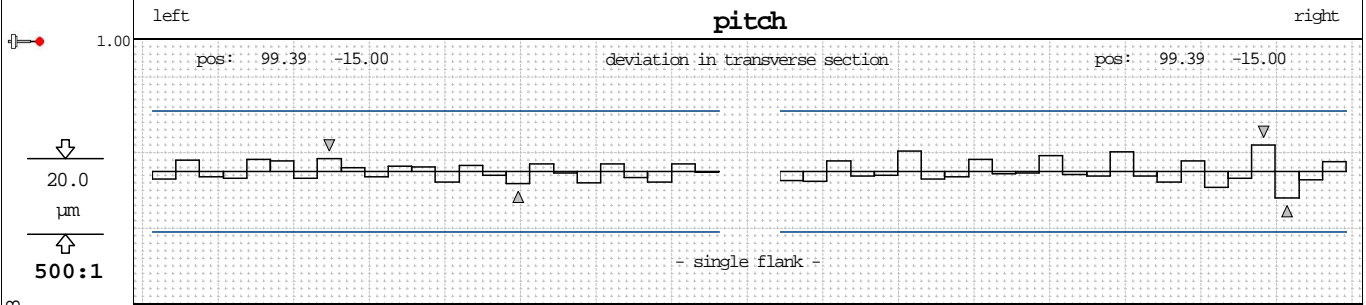


	Q_n	[...]	19	13	7	1	Q_a	\emptyset	\emptyset	Q_a	1	7	13	19	Q_n	[...]
F_a μm	8	25.0	6.6	4.4	2.4	3.2	4	4.2	5.5	5	7.4	7.0	3.5	4.1	8	25.0
f_{fa} μm	8	20.0	2.2	2.4	1.7	2.6	2	2.2	4.2	4	4.5	4.5	3.6	4.3	8	20.0
f_{Hfa} μm	8	± 14.0	-7.6	-4.6	-1.4	-2.7	7	-4.1	-4.5	6	-6.8	-6.7	-2.3	-2.0	8	± 14.0
C_a μm		10.0/30.0	14.8	15.5	16.6	15.5		15.6	12.6		13.0	12.1	12.8	12.5		10.0/30.0



	Q_n	[...]	19	13	7	1	Q_a	\emptyset	\emptyset	Q_a	1	7	13	19	Q_n	[...]
F_b μm	8	20.0	5.6	4.5	3.5	5.3	4	4.7	5.6	5	4.8	6.1	7.5	3.9	8	20.0
f_{fb} μm	8	12.0	2.2	1.4	1.7	3.8	3	2.3	5.6	7	4.5	5.6	7.8	4.6	8	12.0
f_{Hfb} μm	8	± 18.0	-1.1	0.6	-0.3	0.6	1	-0.1	2.1	3	-0.4	3.1	3.4	2.2	8	± 18.0
C_b μm		5.0/25.0	22.1	20.5	19.4	18.7		20.2	14.8		15.6	17.6	12.8	13.1		5.0/25.0
z_c mm		-30.00/0.00	-15.23	-14.86	-15.07	-14.86		-15.00	-15.68		-14.89	-15.83	-16.24	-15.77		-30.00/0.00

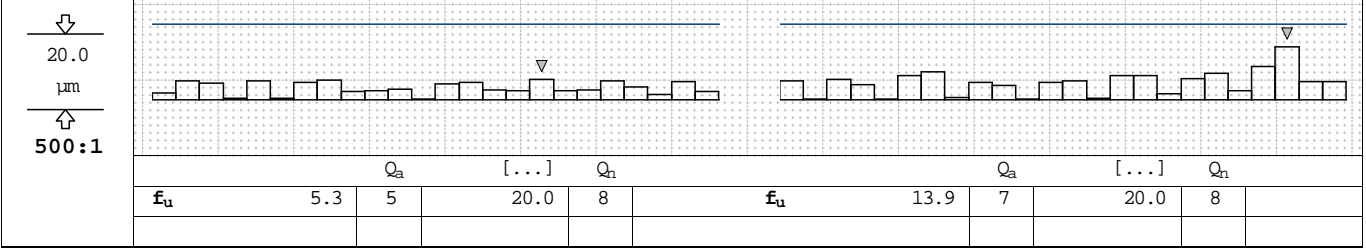
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Drawing number				Operator		
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Part number incr.	5			Department		
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m_n	4.000 mm	β	15.000° R	d	99.387 mm	
x	-0.100	b	30.000 mm	d_p	93.003 mm	
						external/tooth



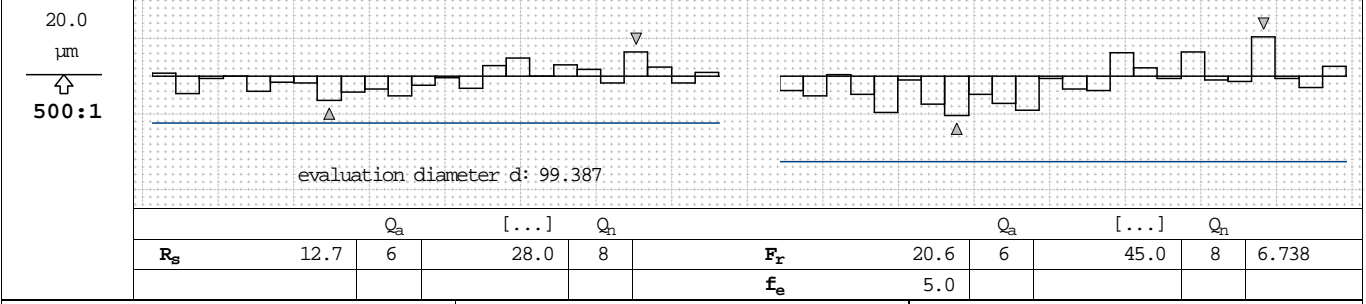
f_p	3.3	Q_a	4	[...]	Q_n	8	f_p	7.0	Q_a	6	[...]	Q_n	8
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





F_p	9.8	Q_a	3	[...]	Q_n	8	F_p	11.9	Q_a	4	[...]	Q_n	8
$F_{pz/8(k=3)}$	4.3	Q_a	2	[...]	Q_n	8	$F_{pz/8(k=3)}$	6.6	Q_a	3	[...]	Q_n	8






f_u	5.3	Q_a	5	[...]	Q_n	8	f_u	13.9	Q_a	7	[...]	Q_n	8
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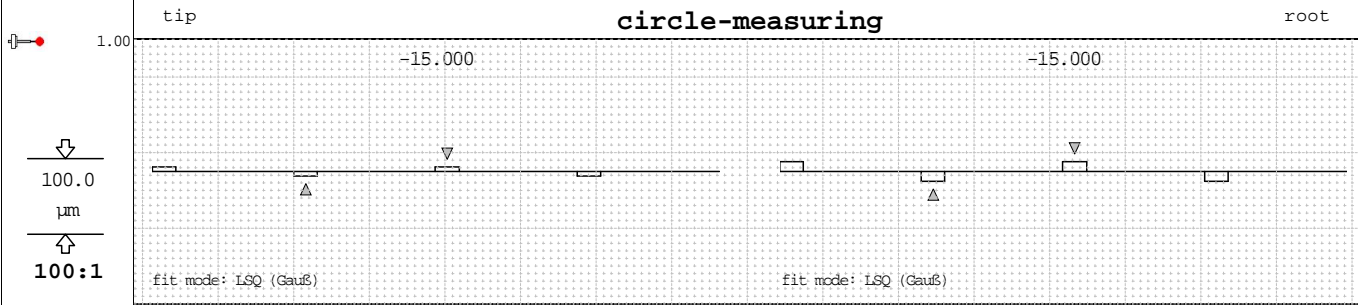


A_s	[...]			$!AE_s$	[...]			M_{rk} \emptyset 7.000	[...]		
	A_s	-0.038			$!AE_s$	0.038			M_{rk}	54.266	54.265
	max	-0.031	0.050		max	0.045	0.050		max	54.278	54.315
	min	-0.044	-0.050		min	0.028	-0.050		min	54.258	54.215

S_s	[...]			E_s	[...]			M_{rk} \emptyset 7.000	[...]		
	S_s	5.954	5.992		E_s	6.613	6.574		M_{dk}	108.532	108.530
	max	5.961	6.042		max	6.619	6.624		max	108.543	108.580
	min	5.948	5.942		min	6.603	6.524		min	108.525	108.480

w_k	[...]			circle-measuring	[...]			M_{dk} \emptyset 7.000	[...]		
	w_k	30.696	30.700		$D_{a,max}$	106.574			M_{dk}	108.532	108.530
	max	30.703	30.750		$D_{a,min}$	106.562			max	108.543	108.580
	min	30.692	30.650		$D_{f,max}$	88.687			min	108.525	108.480
	R_w	0.011			$D_{f,min}$	88.662					

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Part number incr.	5		Department		GEAR® PRO involute	
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m_n	4.000 mm	β	15.000° R	d	99.387 mm	
x	-0.100	b	30.000 mm	d_p	93.003 mm	
				external/tooth		OK



	[...]		[...]	
$D_{a,mean}$	106.568	106.550/106.650	$D_{f,mean}$	88.674
				88.650/88.750