






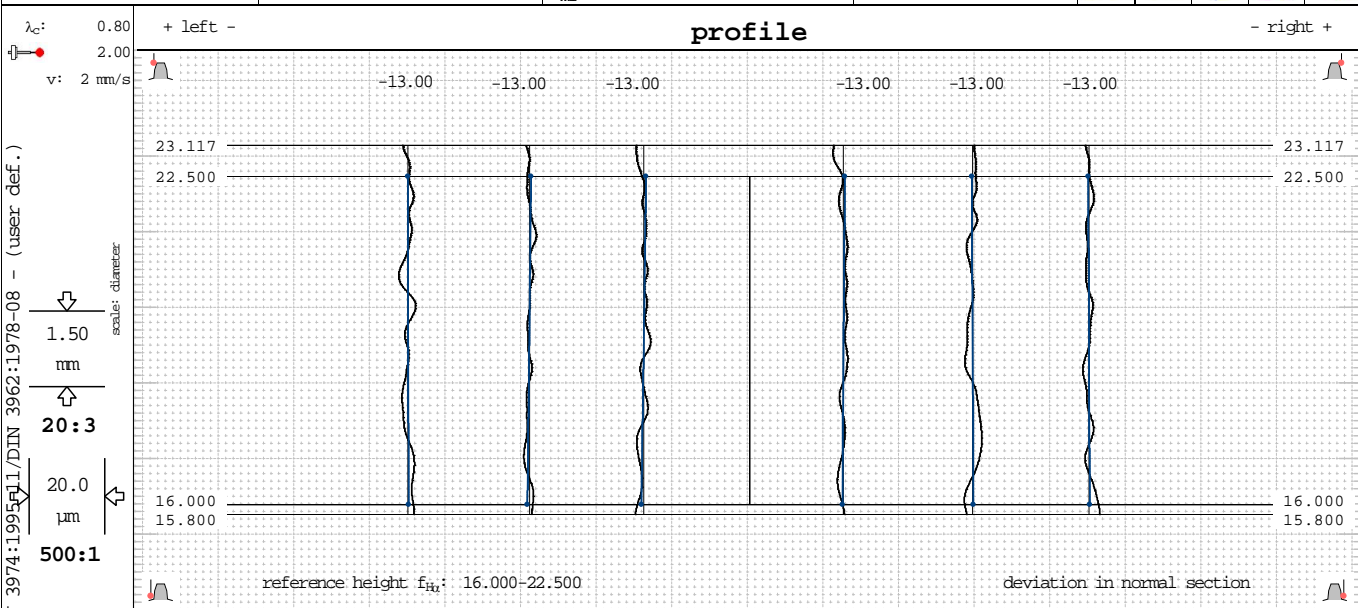
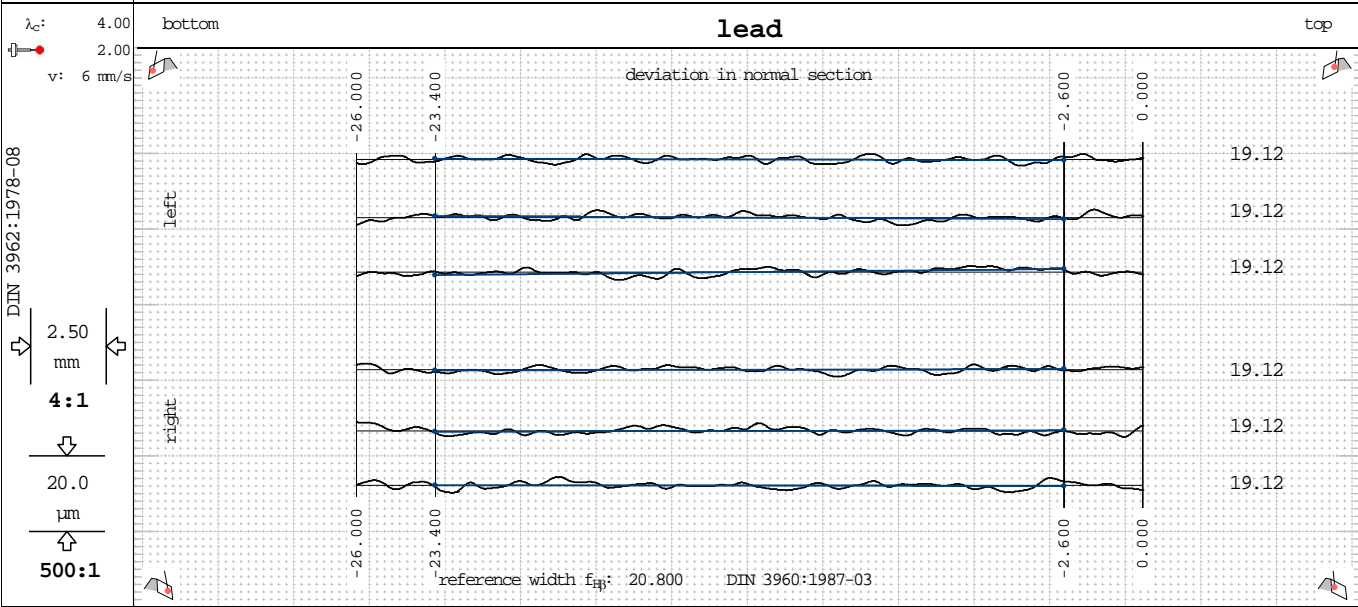


Workpiece number	worm_example		CMM		 GEAR® PRO worm
Drawing number		Operator			
Order number		Company			
Part number incr.		Department			
z	3	α_0 20.000°	d_f/d_a 14.117/23.117 mm		     
m_x	2.106 mm	p_z 19.8527 mm R			
x	0.000	b 26.000 mm	d_{m1} 19.117 mm	wormtype: ZI	

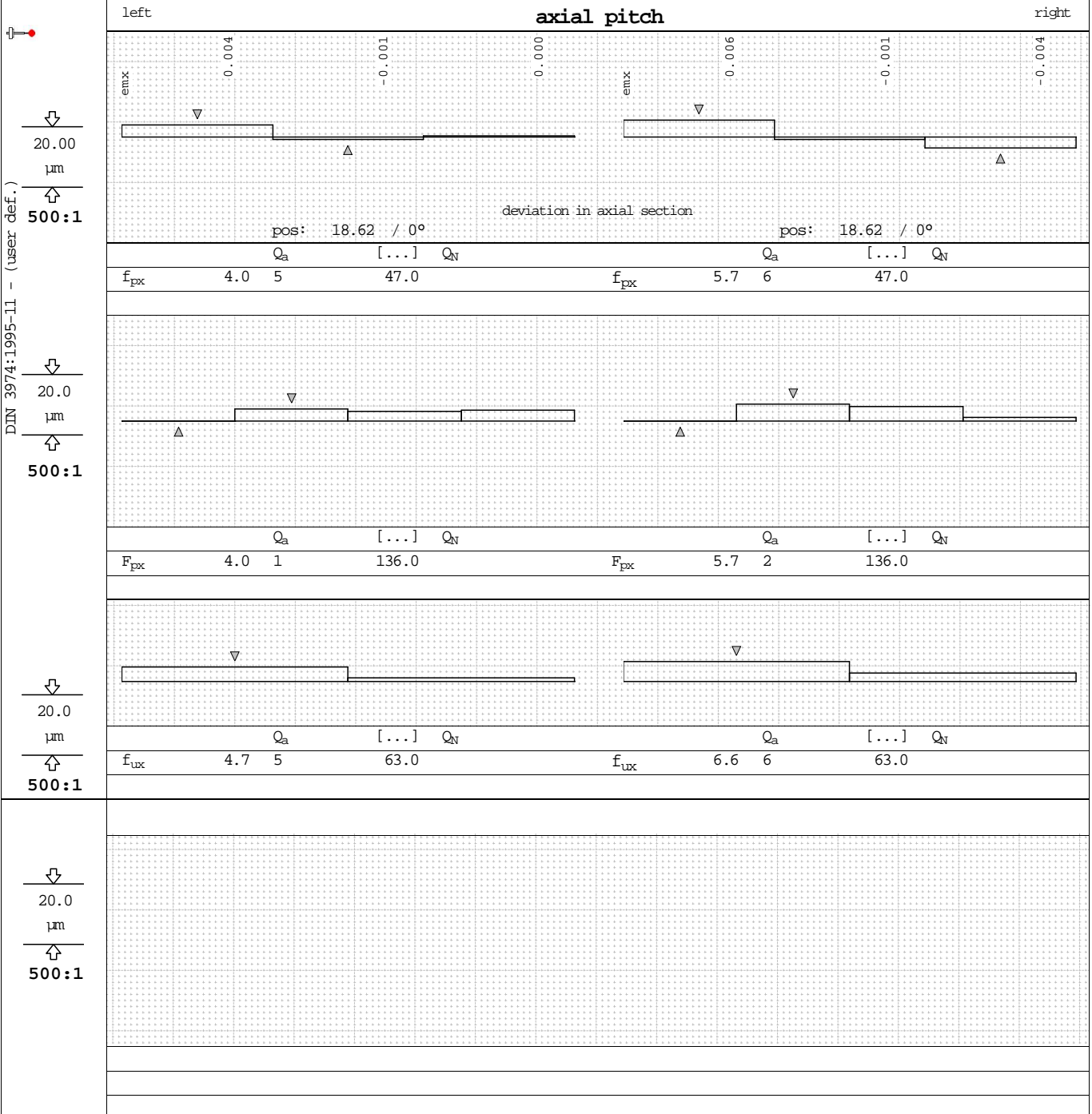


DIN	Q_N	[...]	3	2	1	Q_a	Q_a	1	2	3	Q_N	[...]	
F_α	μm	58.0	4.5	3.3	3.7	4	4	2.7	4.6	4.2		58.0	
$f_{f\alpha}$	μm	10	28.0	4.5	2.7	3.3	5	6	2.7	4.7	4.0	10	28.0
f_{Hk}	μm	10	± 22.0	0.1	-0.9	-1.3	2	1	0.7	-0.6	-0.3	10	± 22.0
\emptyset	F_α 3.8	f_{Hk} -0.7	$f_{f\alpha}$ 3.5					F_α 3.8	f_{Hk} -0.1	$f_{f\alpha}$ 3.8			










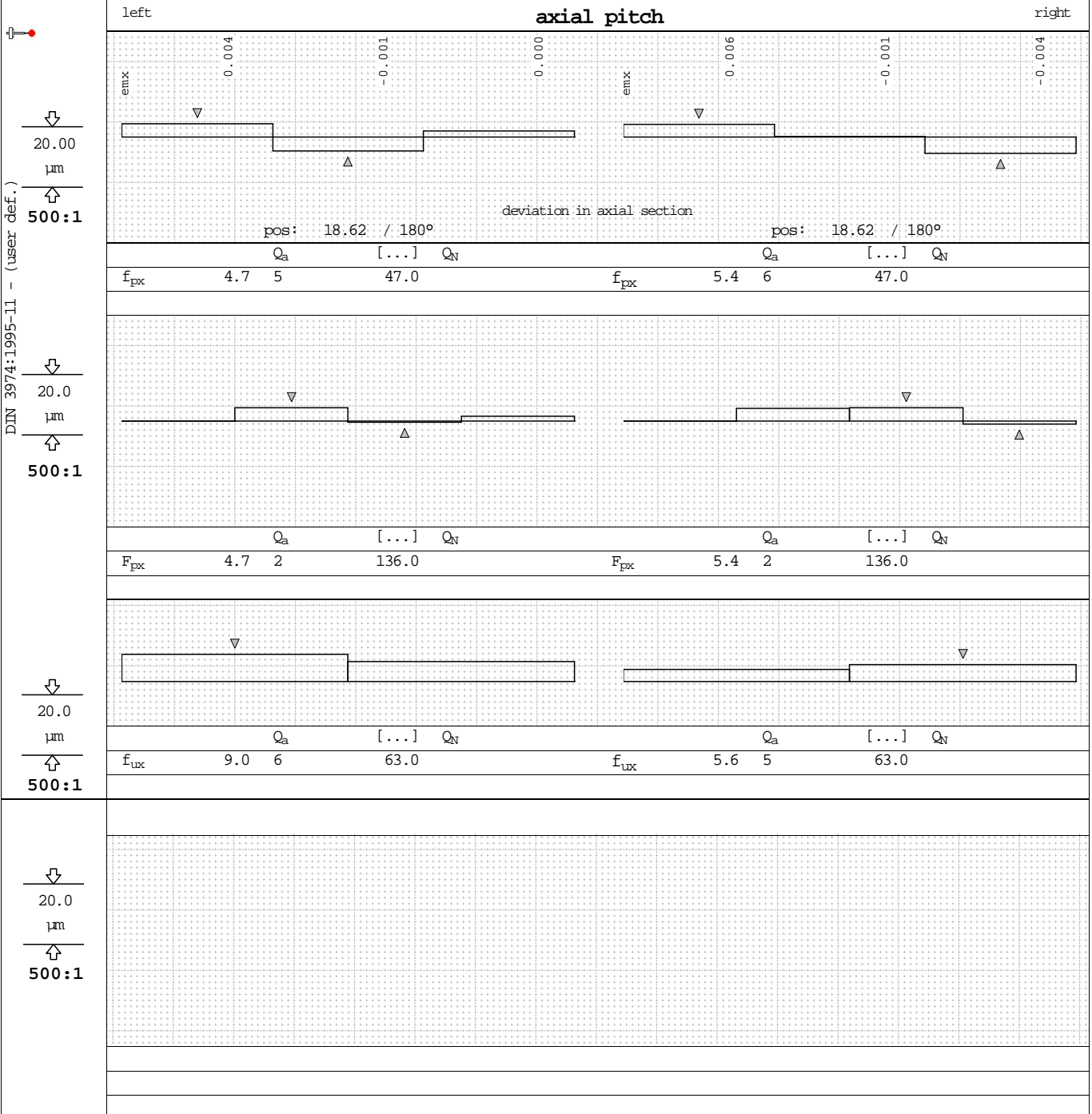
DIN	Q_N	[...]	3	2	1	Q_a	Q_a	1	2	3	Q_N	[...]	
F_β	μm	10	50.0	3.1	4.0	3.7	3	3	3.2	3.5	4.2	10	50.0
$f_{f\beta}$	μm	10	28.0	3.1	3.6	3.6	3	4	3.2	3.4	4.2	10	28.0
$f_{H\beta}$	μm	10	± 40.0	-0.5	-0.9	1.5	1	1	0.3	0.3	-0.1	10	± 40.0
\emptyset	F_β 3.6	$f_{H\beta}$ 0.1	$f_{f\beta}$ 3.4					F_β 3.7	$f_{H\beta}$ 0.2	$f_{f\beta}$ 3.6			









Workpiece number	worm_example		CMM		 GEAR® PRO worm
Drawing number			Operator		
Order number			Company		
Part number incr.			Department		
z	3	α_0	20.000°	d_f/d_a	14.117/23.117 mm
m_x	2.106 mm	p_z	19.8527 mm R		
x	0.000	b	26.000 mm	d_{m1}	19.117 mm
wormtype: ZI					


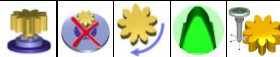


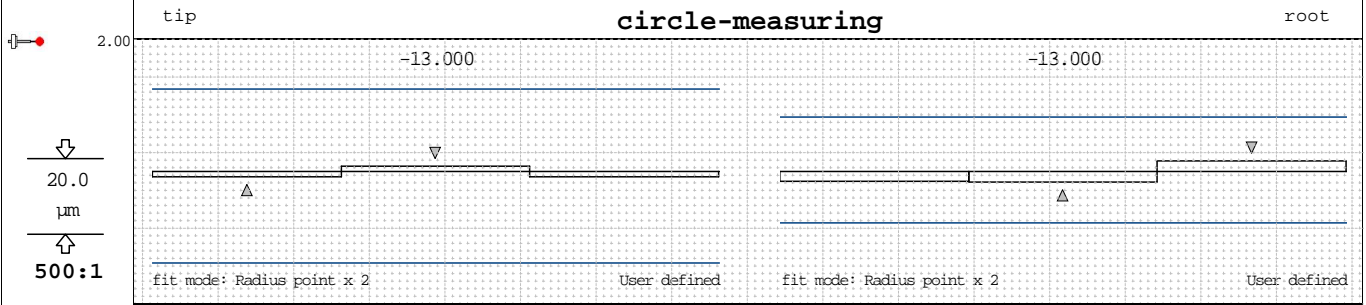
A_s	[...]		$!AE_s$	[...]		M_{3K} \emptyset 3.000	[...]	
	A_s	-0.050		$!AE_s$	0.051		M_{3K}	11.059 11.128
	max	-0.049 0.000		max	0.054 0.100		max	11.062 11.228
	min	-0.053 -0.100		min	0.048 0.000		min	11.054 11.028
S_s	[...]		E_s	[...]		M_{3K} \emptyset	[...]	
	S_s	3.091 3.142		E_s	3.192 3.142		M_{3K}	
	max	3.093 3.142		max	3.196 3.242		max	
	min	3.089 3.042		min	3.190 3.142		min	
W_k	[...]		circle-measuring	[...]		M_{3R} \emptyset 3.000	[...]	
	w_k			$D_{a,max}$	23.120 23.140		M_{3R}	22.121 22.100
	max			$D_{a,min}$	23.117 23.094		max	22.126 0.100
	min			$D_{f,max}$	14.119 14.131		min	22.116 -0.100
	R_w			$D_{f,min}$	14.114 14.103		calculated from axial pitch	

Workpiece number	worm_example		CMM		 GEAR® PRO worm
Drawing number			Operator		
Order number			Company		
Part number incr.			Department		
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m_x	2.106 mm	p_z 19.8527 mm R			
x	0.000	b 26.000 mm	d_{m1} 19.117 mm	wormtype: ZI	



	[...]			[...]			$M_{kk} \varnothing 3.000$ [...]			
	A_s	-0.050		$!AE_s$	0.050		M_{kk}	11.059	11.128	
	max	-0.047		0.000	max		0.053	0.100	max	11.065
	min	-0.052	-0.100	min	0.046	0.000	min	11.055	11.028	
	[...]			[...]			$M_{kk} \varnothing$ [...]			
	S_s	3.092		3.142	E_s		3.192	3.142	M_{dk}	
	max	3.095		3.142	max		3.195	3.242	max	
	min	3.090	3.042	min	3.188	3.142	min			
	[...]		circle-measuring		[...]			$M_{3R} \varnothing$ [...]		
	w_k		$D_{a,max}$	23.120	23.140	M_{3R}				
	max		$D_{a,min}$	23.117	23.094	max				
	min		$D_{f,max}$	14.119	14.131	min				
	R_w		$D_{f,min}$	14.114	14.103					

Workpiece number	worm_example		CMM		 GEAR® PRO worm
Drawing number		Operator			
Order number		Company			
Part number incr.		Department			
z	3	α_0 20.000°	d_f/d_a 14.117/23.117 mm		OK
m_x	2.106 mm	p_z 19.8527 mm R			
x	0.000	b 26.000 mm	d_{m1} 19.117 mm	wormtype: ZI	



		[...]		[...]
$D_{a,max}$	23.120	23.094/23.140	$D_{f,max}$	14.119 14.103/14.131
$D_{a,min}$	23.117	23.094/23.140	$D_{f,min}$	14.114 14.103/14.131
$D_{a,mean}$	23.118	23.094/23.140	$D_{f,mean}$	14.116 14.103/14.131
R_D	0.003		R_D	0.006