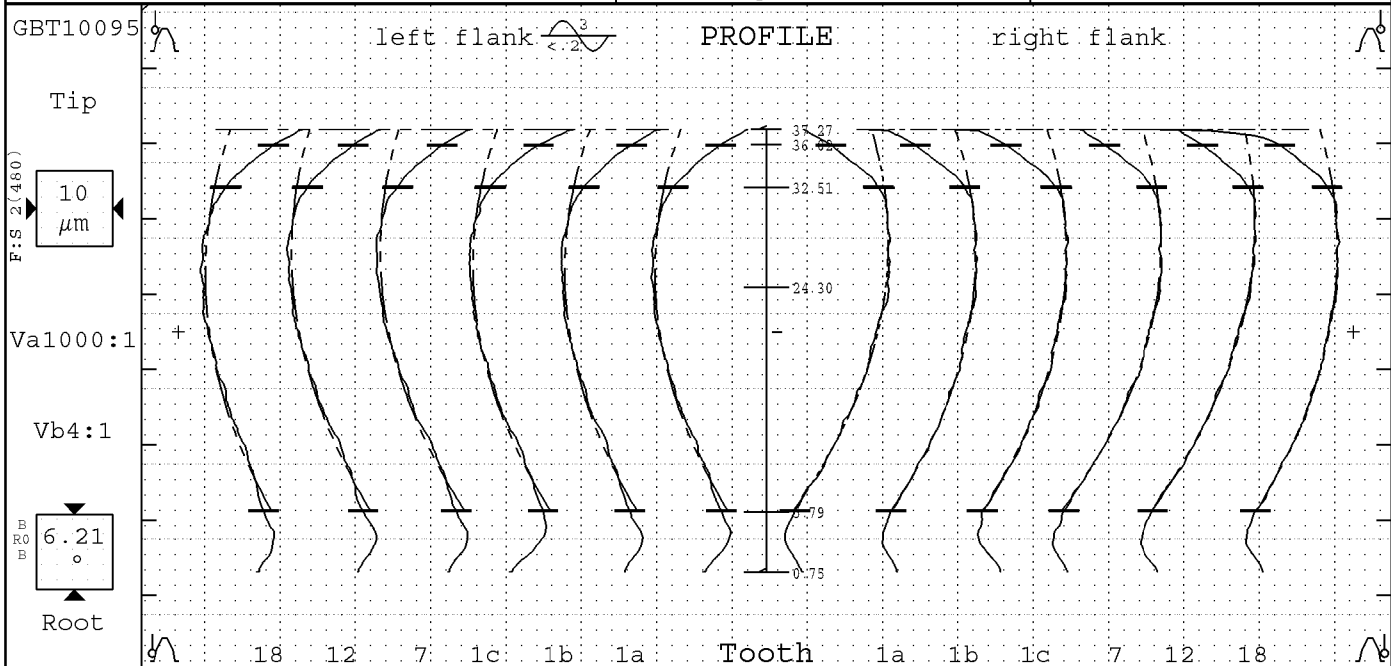
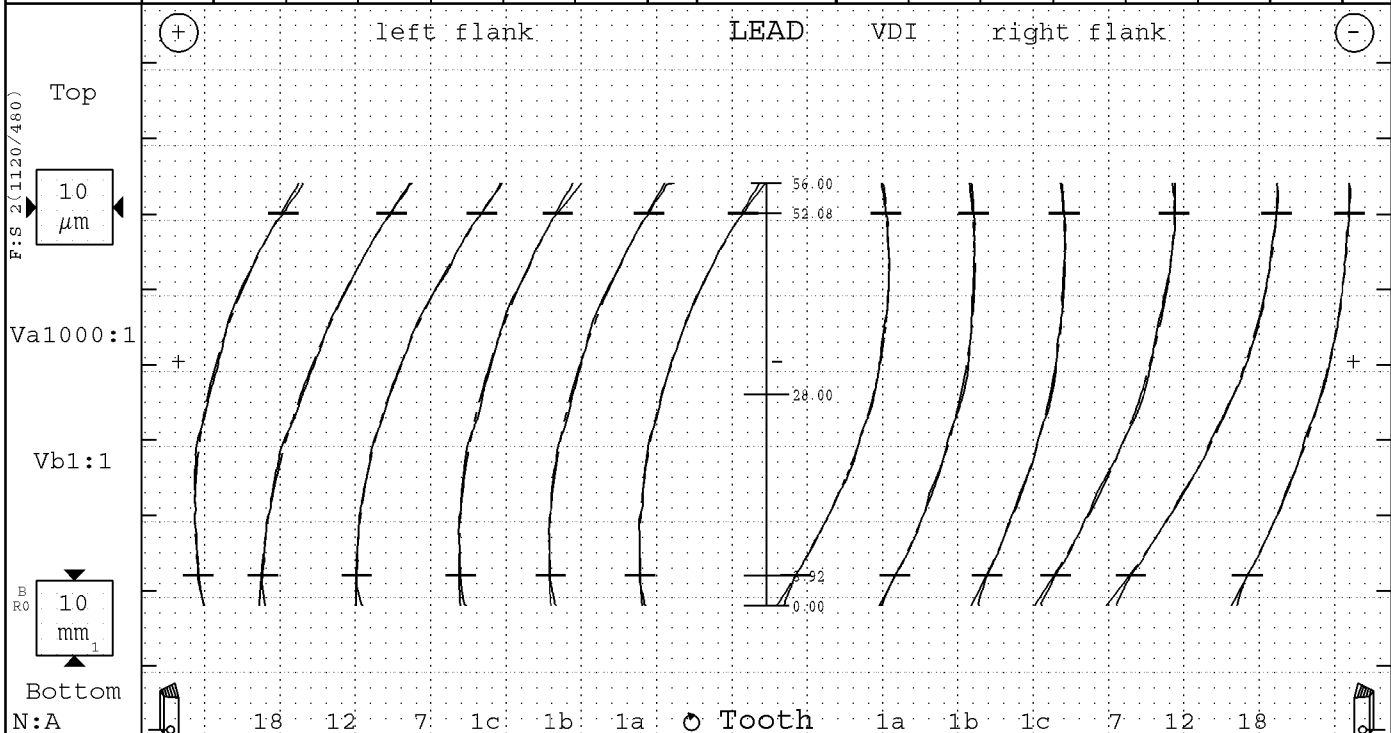


## Gear Profile/Lead

Prog.No.: GST0429_05 4.18.0 0	P 40 6G	Operator: huriping	Date: 15.05.2022 17:51
Type: E3000144 G3.2 AC	No. of teeth 23	Face Width: 56mm	
Drawing No.: CB057032A3-QLH1	Module m 1.9mm	Length Ev. La 26.72 °	
Order No.: 640700214	Pressure angle 18.5°	Length Ev. Ls 48.16mm	
Cust./Mach. No.: P40 - 602371	Helix angle 27.5°	Appr. Length M1 5.79 °	
Loc. of check: KLINGELNBERG	Base Cir.-Ø db 46.0961mm	Stylus-Ø (#5)1mm	
Condition: Intermediate shaft	Base Helix angle 25.969°	Add.Mod.Coeff x 0	



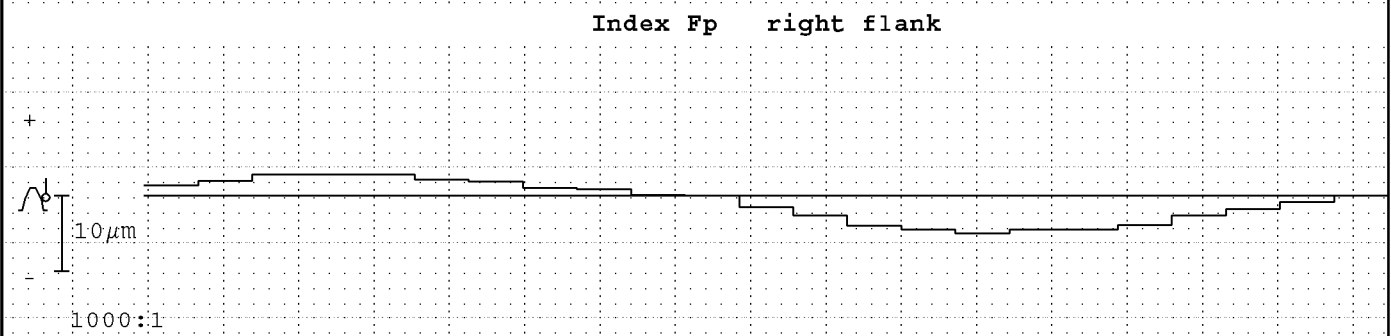
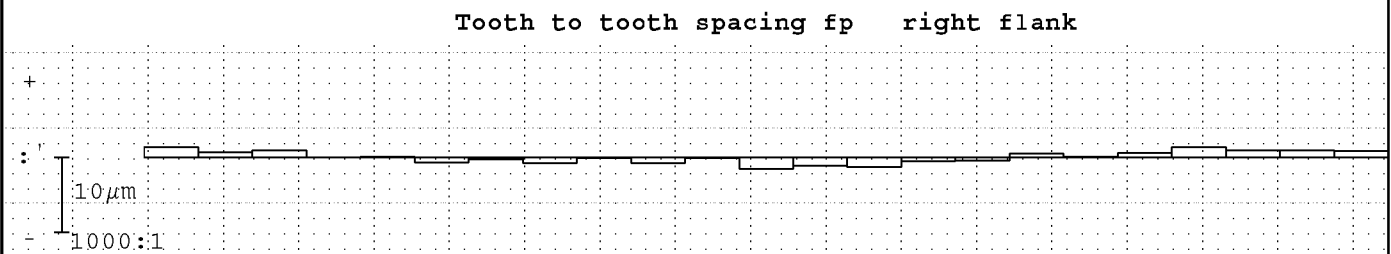
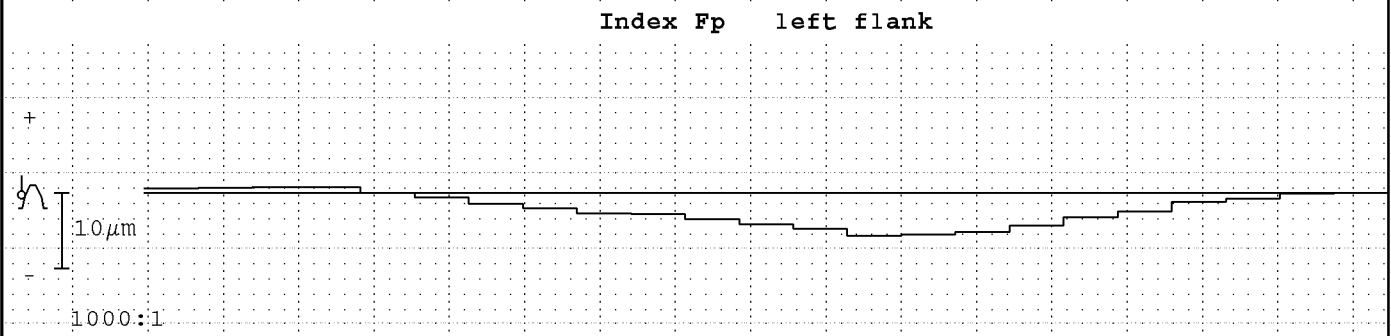
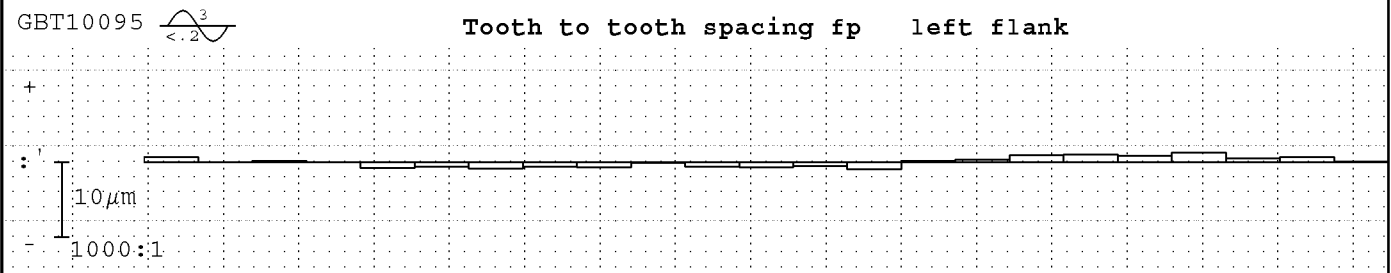
Tolerance	Avg.	Act.value[µm]							Qual	Tolerance	Act.value[µm]							Avg.	Qual
Var	2.9																	3.4	
fHα 7/13	9.1	7.6	9.9	10.5	9.2	8.4	8.4			7/13	12.0	10.5	10.3	12.6	13.5	10.1	11.7		
Fα	9.6	8.4	10.1	10.6	9.8	9.1	9.3				12.5	11.5	11.3	13.0	13.7	11.1	12.3		
ffα 2	2.5	2.5	2.5	2.7	2.2	2.3	2.0			2	1.2	1.0	0.8	0.9	0.9	0.9	0.9		
Cα 1/5	4.2	4.1	4.1	4.3	4.5	4.3	4.4			3/7	4.5	4.5	4.3	4.8	4.2	4.1	4.4		
Ca -12/-4	-9.6	-9.7	-9.7	-9.8	-9.4	-9.1	-9.0			-12/-4	-9.4	-9.5	-9.6	-9.4	-9.3	-9.2	-9.4		
UCut	-0.5	-0.3	-0.7	-0.3	0.6	-0.7	-0.3				-1.0	-1.1	-0.6	-1.1	-1.4	-1.3	-1.2		



Var	6.3																	9.2	
fHs -8/-2	14.5	10.9	17.2	16.7	12.9	13.0	13.5			-13/-7	11.9	10.3	10.2	16.1	19.5	13.5	14.9		
Fs	14.7	11.8	17.1	16.6	13.2	13.3	13.8				12.4	10.6	10.3	15.9	19.3	13.6	14.9		
ffs 2	0.6	0.7	0.7	0.5	0.6	0.6	0.4			2	0.5	0.7	0.5	0.8	0.5	0.5	0.6		
Cs 1/5	3.8	4.2	3.4	3.9	3.5	3.6	3.9			1/5	4.3	3.6	3.3	3.5	4.0	2.9	3.5		

# Gear Spacing

Prog.No.: GST0429 05 4.18.0 0 P 40 6G	Operator: huriping	Date: 15.05.2022 17:51
Type: E3000144 G3.2 AC	No. of teeth 23	Pressure angle 18.5°
Drawing No.: CE057032A3-QLH1	Module m 1.9mm	Helix angle 27.5°
Order No.: 640700214	Loc. of check: KLINGELNBERG	
Cust./Mach. No.: P40 - 602371	Condition: Intermediate shaft	



Pitch measuring circle: 50.069 z=28mm		left flank		right flank	
		Act.value	Qual.	Lim.value	Qual.
Worst single pitch deviation	fp max	1.3		5.0	
Worst spacing deviation	fu max	1.1		7.0	
Range of Pitch Error	Rp	2.2		2.8	
Total cum. pitch dev.	Fp	6.5		18.0	

