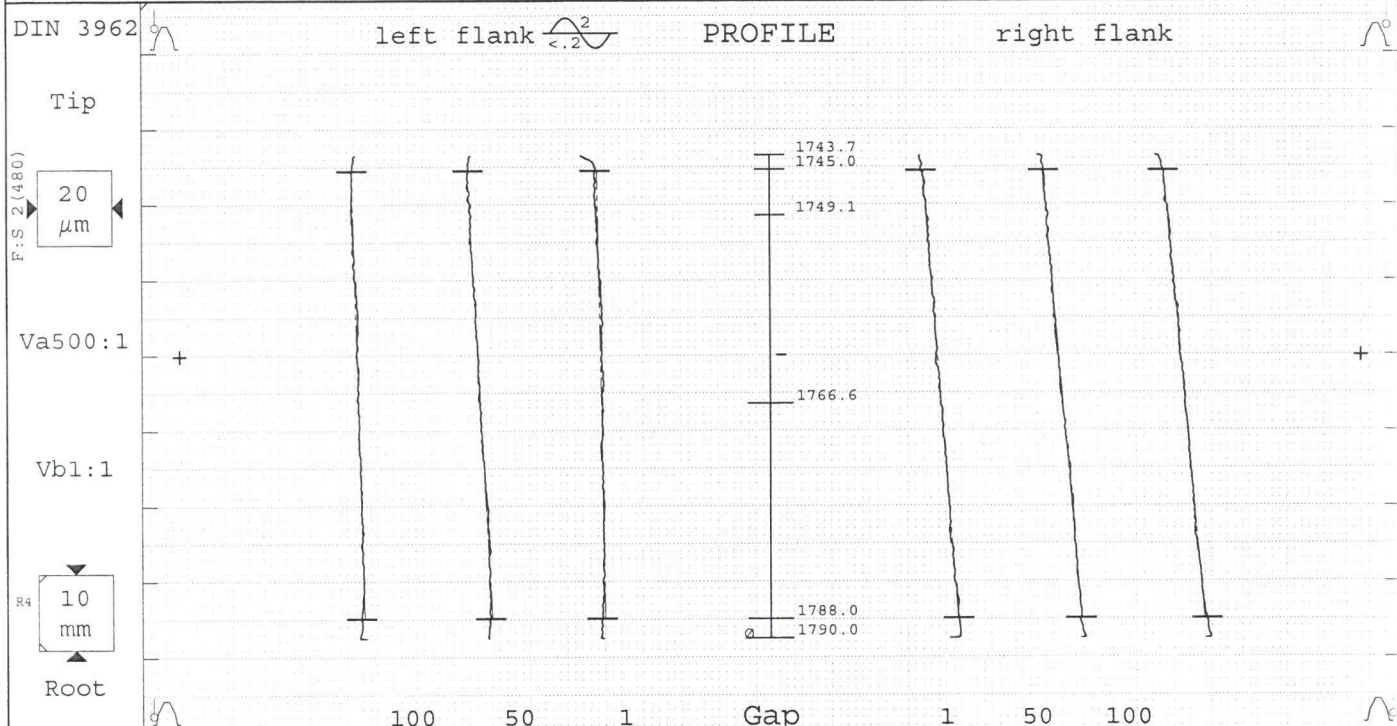
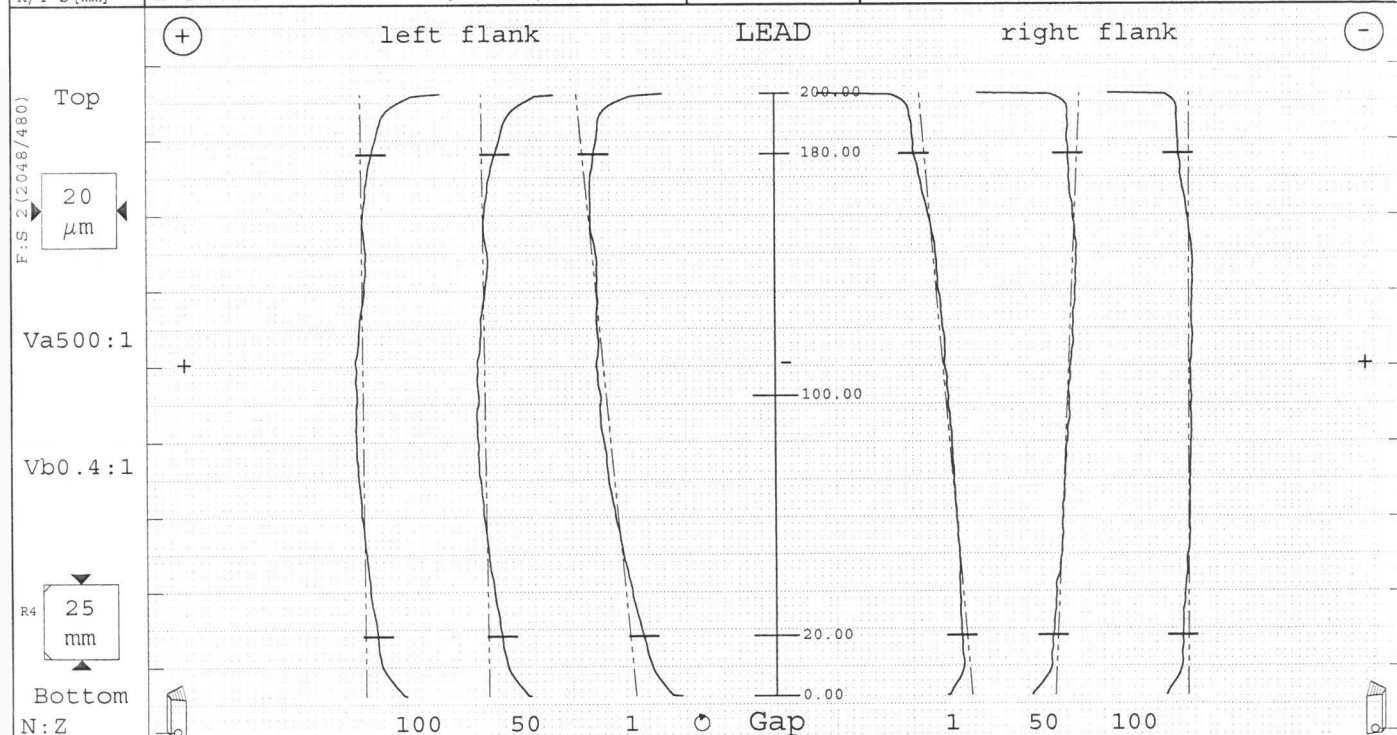


Gear Profile/Lead

Prog.No.: GST0435k05 4.22.0 0 P 350	Operator: JT-001	Date: 28.08.2025-22:38
Type: 3740RG A B-UP 42Cr	No. of teeth -146	Face Width: 200mm
Drawing No.: 198P020N00	Module m 12mm	Length Ev. La 59.53mm
Order No.: JT-001	Pressure angle 20°	Length Ev. Lß 160mm
Cust./Mach. No.: JT-001	Helix angle 0°	Appr. Length M1 348.75mm
Loc. of check:	Base Cir.-Ø db 1646.3415mm	Stylus-Ø ' -14 (#6) 5mm
Condition: JT-001	Base Helix angle 0°	Add.Mod.Coeff x 0.656



Tolerance	Avg.	Act. value [μm]				Qual	Tolerance	Act. value [μm]				Avg.	Qual
Var	4.4					3						1.8	6
fHa ±16	3.8		3.1	6.4	2.0	5	±16 7	-8.9	-10.0	-10.7		-9.9	6
Fa 28	4.0		3.2	6.1	2.6	3	28 7	9.6	9.7	11.4		10.2	5
ffa 25	1.4		1.4	1.2	1.6	1	25 7	1.2	1.0	1.2		1.1	1
R/T-ø [mm]	1797.53 [1796.75/1798.75]								1743.86 [1743.7/1743.8]				

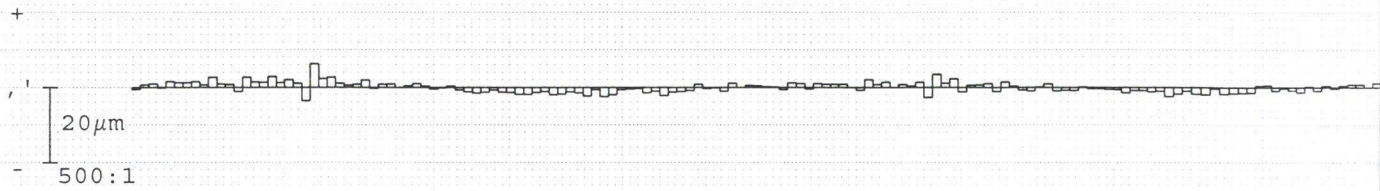
[illegible]

Gear Spacing

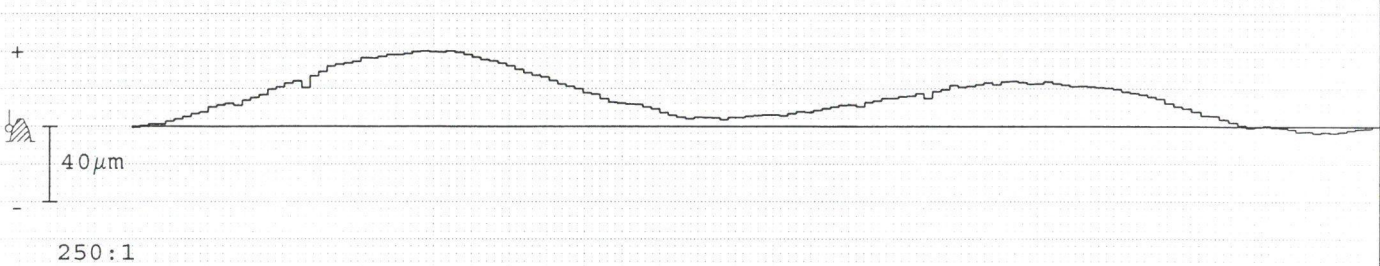
Prog.No.: GST0435k05 4.22.0 0 P 350	Operator: JT-001	Date: 28.08.2025-22:38
Type: 3740RG A B-UP 42Cr	No. of teeth -146	Pressure angle 20°
Drawing No.: 198P020N00	Module m 12mm	Helix angle 0°
Order No.: JT-001	Loc. of check:	
Cust./Mach. No.: JT-001	Condition: JT-001	

DIN 3962 

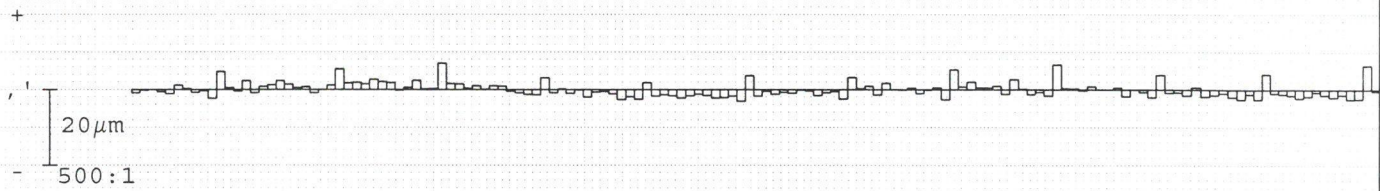
Tooth to tooth spacing fp left flank



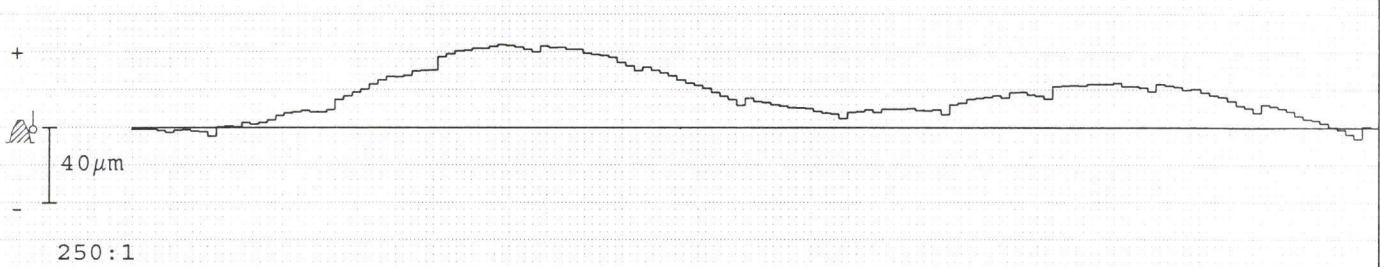
Index Fp left flank



Tooth to tooth spacing fp right flank



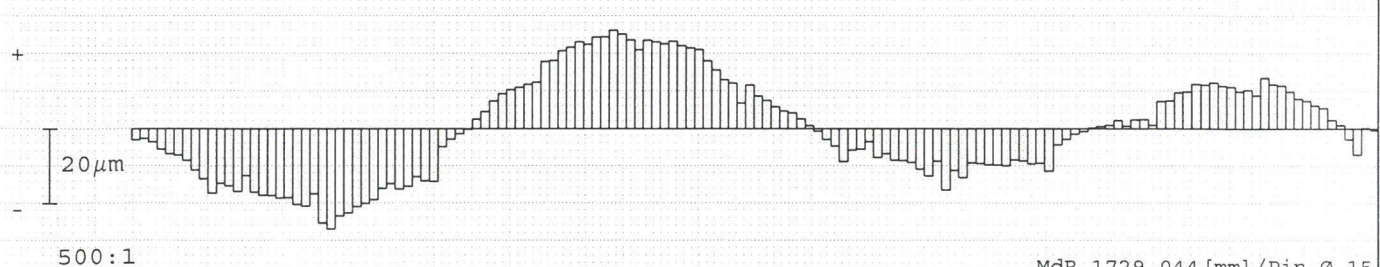
Index Fp right flank



Pitch measuring circle:1749.05 z=100mm		left flank				right flank			
		Act.value	Qual.	Lim.value	Qual.	Act.value	Qual.	Lim.value	Qual.
Worst pitch variation	fp max	6.3	4	22.0	7	7.0	4	22.0	7
Worst spacing variation	fu max	9.8	4	28.0	7	8.9	4	28.0	7
Range of Pitch Error	Rp	9.8				10.1			
Total index variation	Fp	43.7	5	90.0	7	50.0	6	90.0	7
Total index var.within sector Fpz/8		28.0	5	56.0	7	33.7	6	56.0	7

DIN 3962

Runout Fr (Ball-Ø =15mm)



MdR 1729.044 [mm]/Pin-Ø 15

Pitch Line Runout	Fr	53.0	7	71.0	7	Lim.value
Variation of tooth thickness	Rs					Act. 1760.566 1760.602 1760.524