Please send this form to your contact person.

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Cutting protocol milling

Company:		Part-No.:	
Contact name:		Material:	
Street:		C / Si / Mn / P / S / Cr / Ni / Mo / V / W	
City:			
Administrator:		N/mm² / HB / HV / HRC	
Machine:	P: [kW]		
Model:	RPM max: [min-1]		
Machine Taper:	Feedrate max: [mm/min]	CNC controller	

Test	Current situation	Test 1	Test 2	Test 3
Tool				
Machining conditions:				
Manufacturer:				
Part number:				
Arbor – Holder type:				
Tool gauge lenght:				
Coolant / Air:				
Cutting material				
Manufacturer:				
Part number:				
Cutting material designation:				
Coating:				
Cutting data				
SFM [m/min]:				
Feedrate [mm/min]:				
RPM [min^{-1}]:				
Tool diameter [mm]:				
f_z Feed per tooth [mm]:				
a_p Depth of cut [mm]:				
Stepover/a_e [mm]:				
Machining time [min]:				
Results				
Number of parts:				
Tool life [min]:				
Tool life [feed]:				
Chip volume [cm^3/min]:				
Power consumption [kW]:				
Assessment*:	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
Sketch/comment:				

*1 = very poor, 5 = satisfactory, 10 = very good

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Geltungsbereich: QS_QC_QM

Pokolm Frästechnik GmbH & Co. KG
Adam-Opel-Str. 5 | 33428 Harsewinkel | Germany | +49 5247 9361-0 | info@pokolm.com | www.pokolm.com