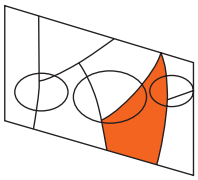
Metalog Method – example Ball nearing Steel 100 Cr6 **E**



Grinding

Step	PG	FG
Surface	MD-Piano 220	MD-Allegro
Abrasive	Diamond	DiaPro AllegroLargo 9
Grit/ Grain size		9 µm
Lubricant	Water	
Rotational speed [rpm]	300	150
Force[N]/ specimen	40	40
Time [min]	Until plane	3

Polishing

Step	DP	OP
Surface	MD-Dur	MD-Chem
Abrasive	DiaPro Dur 3	OP-U NonDry
Grain size	3 µm	0.04 µm
Lubricant		
Rotational speed [rpm]	150	150
Force[N]/ specimen	30	15
Time [min]	3	1