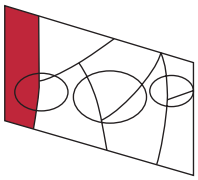
Struers
Ensuring Certainty

Metalog Method – example MgAl alloy, cast **A**



Grinding

Step	PG	FG
Surface	SiC-Foil	MD-Largo
Abrasive	SiC	DiaPro AllegroLargo 9
Grit/ Grain size	# 320	9 µm
Lubricant	Water	
Rotational speed [rpm]	300	150
Force[N]/ specimen	25	40
Time [min]	Until plane	3

Polishing

Step	DP	OP
Surface	MD-Mol	MD-Nap or MD-Chem
Abrasive	DiaPro Mol R3	OP-S NonDry
Grain size	3 µm	0.25 µm
Lubricant		
Rotational speed [rpm]	150	150
Force[N]/ specimen	25	10
Time [min]	5	1