

MetPrep Preparation Procedure – No 81



Cast Titanium Alloy

	Surface	Abrasive	Pressure		Speed – Dir	Time
Primary Grinding Stage	Paper	P180g SiC	Psi	N	150 – Comp	Until Planar
			5	25		

	Surface	Abrasive	Pressure		Speed – Dir	Time
Additional Grinding Stages	Planocloth H	9 μ m (WB) Diamond	Psi	N	250 – Comp	5 mins
			5	25		
	Planocloth	0.3 μ m Alumina	5	25	100 – Comp	4 mins
	Planocloth	0.06 μ m Silco	5	25	100 – Comp	3 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
Polishing Stage	Chemicalcloth	0.06 μ m Silco	Psi	N	100 – Comp	2 mins
			3	15		