

Zirconia (ZrO₂)


ZrO₂

ZrO₂

Roughing	ZrO ₂
Diameter	2.5 mm / 2 mm
Spindle Speed	20,000 - 22,000 RPM
Feed	1,800 mm/min
Ap (Z)	0.45 mm
Ae (Radial)	0.15 mm
Coolant	Dry / Wet

Finishing	ZrO ₂
Diameter	1 mm / 0.6 mm
Spindle Speed	25,000 - 27,000 RPM
Feed	1,500 mm/min
Ap (Z)	0.03 mm
Ae (Radial)	0.03 mm
Coolant	Dry / Wet

Cobalt Chrome / Titanium



Roughing	Cobalt Chrome	Titanium
Diameter	3 mm / 2 mm	3 mm / 2 mm
Spindle Speed	7,000 - 9,000 RPM	10,000 - 12,000 RPM
Feed	950 mm/min	1,100 mm/min
Ap (Z)	0.50 mm	0.60 mm
Ae (Radial)	0.10 mm	0.06 mm
Coolant	Wet	

Finishing	Cobalt Chrome	Titanium
Diameter	1 mm / 0.6 mm	1 mm / 0.6 mm
Spindle Speed	21,000 - 25,000 RPM	24,000 - 27,000 RPM
Feed	800 mm/min	1,000 mm/min
Ap (Z)	0.20 mm	0.30 mm
Ae (Radial)	0.05 mm	0.05 mm
Coolant	Wet	

PMMA / WAX / PEEK



Roughing	PMMA / WAX	PEEK
Diameter	2.5 mm / 2 mm	2 mm
Spindle Speed	15,000 - 17,000 RPM	15,000 - 17,000 RPM
Feed	1,500 mm/min	1,050 mm/min
Ap (Z)	0.50 mm	0.60 mm
Ae (Radial)	0.10 mm	0.10 mm
Coolant	Dry / Wet	

Finishing	PMMA / WAX	PEEK
Diameter	1 mm	0.6 mm / 1 mm
Spindle Speed	18,000 - 20,000 RPM	24,000 RPM
Feed	1,500 mm/min	600 mm/min
Ap (Z)	0.30 mm	0.03 mm / 0.05 mm
Ae (Radial)	0.03 mm	0.20 mm
Coolant	Dry / Wet	

Glass Ceramic



Roughing	Ceramic	Glass Ceramic
Diameter	2.5 mm / 2 mm	2.5 mm / 2 mm
Spindle Speed	40,000 - 50,000 RPM	5,000 - 7,000 RPM
Feed	1,200 mm/min	630 mm/min
Ap (Z)	0.50 mm	0.60 mm
Ae (Radial)	0.15 mm	0.10 mm
Coolant	Wet	

Finishing	Ceramic	Glass Ceramic
Diameter	1 mm	1 mm
Spindle Speed	40,000 - 45,000 RPM	10,000 - 12,000 RPM
Feed	1,200 mm/min	600 mm/min
Ap (Z)	0.03 mm	0.10 mm
Ae (Radial)	0.03 mm	0.15 mm
Coolant	Wet	