


Diamond Burnishing

MAQ's new diamond burnishing process is known for its capacity of creating a shiny surface finish with reduced friction, combined with the advantage of a hardened surface layer for wear resistance and a dense surface topology for its chemical resistance. Mounted on a MAQ STMD turning tool holder, the burnishing tool will bring all these advantages to your turning machine, even for the internal turning operation, without even changing the setup of your workpiece clamping clamping. You just change the cutter head from your turning head to the burnishing head and run it.

Part Number	Type	DCON (mm)	DMIN1 (mm)	LF (mm)	WF (mm)	α (°)	Burnishing Nib	Nib screw	 KG
300631	SL20 DB CP	SL 20	24	21	12	30	R 061402	IS M3x7	0.02
300632	SL25 DB CP	SL 25	30	25	16	30	R 061402	IS M3x7	0.04
300633	SL32 DB CP	SL 32	38	33	20	30	R 061402	IS M3x7	0.07
300634	SL40 DB CP	SL 40	43	34	24	30	R 061402	IS M3x7	0.14

All burnishing heads are delivered with burnishing nib and nib screw.

