



HSK63A MONOBLOCK

Right hand tool holder only.

Type	Insert Corner	Order Number	Stock	Number of Teeth	Dimensions (mm)			Max. Depth of Cut	Ramping Angle	Max. Allowable Revolution	★			
A type	Re		R		D1	L1	L2	ap (mm)	α°	(min ⁻¹)	Clamp Screw	Wrench	Anti-seize Lubricant	Insert
A type	0.8	AXD7000R03202A-H63A	●	2	32	127	80	21	19	41000	TS4SB	TKY15D	MK1KS	XDGX227008PDFR-GL
	1	04002A-H63A	●	2	40	132	85	21	13	36000	TS4SBL	TKY15D	MK1KS	
	3.2	05003A-H63A	●	3	50	137	90	21	9	30000	TS4SBL	TKY15D	MK1KS	

(Note 1) The maximum allowable spindle speeds are set to ensure tool and insert stability.

Before operating the tool read the operational guidance on page K053.

(Note 2) When using the tool at high spindle speeds, ensure that the tool and milling chuck are correctly balanced.

(Note 3) Note for inserts with a corner radius of 3.0 and above, as corner radius increases the L1 and L2 dimensions decrease.

(Note 4) There is no hole for a data chip

★ Clamp Torque (N • m) : TS4SB=3.5, TS4SBL=3.5

INSERTS

Work Material	N	Aluminium Alloy	✦		✦	Cutting Conditions (Guide) :					Honing :	
						● : Stable Cutting	● : General Cutting	✦ : Unstable Cutting			F : Sharp	
Shape	Order Number	Class	Honing	Stock		Dimensions (mm)					Geometry	
				Coated	Carbide	L1	L4	S1	F1	Re		
				LC15TF	TF15							
	XDGX227008PDFR-GL	G	F	★	●	30	22.5	7	2.0	0.8		
	227016PDFR-GL	G	F	★	●	30	22.5	7	1.2	1.6		
	227020PDFR-GL	G	F	★	●	30	22.5	7	0.8	2.0		
	227030PDFR-GL	G	F	★	●	28.8	22.5	7	0.8	3.0		
	227032PDFR-GL	G	F	★	●	28.8	22.5	7	0.6	3.2		
	227040PDFR-GL	G	F	★	●	27.5	22.5	7	0.9	4.0		
	227050PDFR-GL	G	F	★	●	27	22.5	7	0.4	5.0		

ROTATING TOOLS

HOLDER AND INSERT CORNER RADIUS COMBINATION

Holder	A Type Holder					B Type Holder	
	AXD7000-○○○○○○○A AXD7000R○○○○○○○A AXD7000R○○○○○○○A-H63A					AXD7000-○○○○○○○B AXD7000R○○○○○○○B	
Applicable Insert Corner R (Re)	 R0.8	 R1.6	 R2.0	 R3.0	 R3.2	 R4.0	 R5.0
	XDGX 227008PDFR-GL	XDGX 227016PDFR-GL	XDGX 227020PDFR-GL	XDGX 227030PDFR-GL	XDGX 227032PDFR-GL	XDGX 227040PDFR-GL	XDGX 227050PDFR-GL

Please note that there is no compatibility between an insert for A type holder and that of for B type holder.

SPARE PARTS > M001
TECHNICAL DATA > N001

K051