

ROTATING TOOLS

MULTI FUNCTIONAL MILLING

<FOR ALUMINIUM AND TITANIUM ALLOYS>



Finishing



Roughing

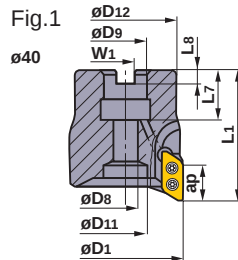


Including Flat faces

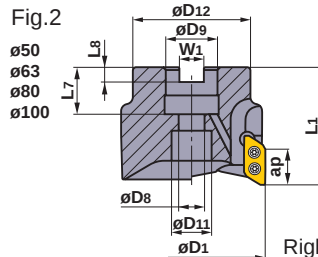
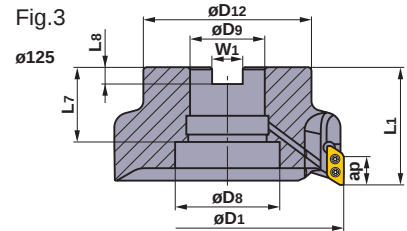


AXD4000

Light Alloy	Cast Iron	Carbon Steel Alloy Steel	Stainless Steel	Hardened Steel

Fig.1
ø40

C H:0°
A.R :+14°-15° T :+21°-+26°
R.R :+21°-+26° I :+14°-+15°

Fig.2
ø50
ø63
ø80
ø100Fig.3
ø125

Right hand tool holder only.

Cutter Diameter D1	Set Bolt	Geometry		
ø40	HFF08043H	①	①	③
ø50, ø63	HSC10030H	②	②	③
ø80	12035H		②	③
ø100	16040H		②	③
ø125	MBA20040H	③	③	③

ARBOR TYPE

Type	Insert Corner	Order Number	Stock	Number of Teeth	Dimensions (mm)								Mass (kg)	Max. ap (mm)	Depth of Cut (mm)	Max. Allowable Revolution (min ⁻¹)	Type (Fig.)				
Re	R		D1		L1	D9	L7	D8	D12	W1	L8	D11						Clamp Screw	Wrench	Anti-seize Lubricant	Insert
A type 0.4 3.2		AXD4000-040A02RA	★	2	40	50	16	18	8.5	34	8.4	5.6	12	0.3	15.5	41000	1	TS3SB	TKY08D	MK1KS	XDGX1750○○○ PDFR-GL
		-040A03RA	●	3	40	50	16	18	8.5	34	8.4	5.6	12	0.3	15.5	41000	1	TS3SB	TKY08D	MK1KS	
		-050A02RA	★	2	50	50	22	20	11	45	10.4	6.3	17	0.4	15.5	35000	2	TS3SB	TKY08D	MK1KS	
		-050A04RA	●	4	50	50	22	20	11	45	10.4	6.3	17	0.4	15.5	35000	2	TS3SB	TKY08D	MK1KS	
		-063A05RA	●	5	63	50	22	20	11	50	10.4	6.3	17	0.6	15.5	30000	2	TS3SB	TKY08D	MK1KS	
		-080A05RA	●	5	80	50	27	23	13	60	12.4	7	20	1.0	15.5	27000	2	TS3SB	TKY08D	MK1KS	
		-100A06RA	●	6	100	63	32	26	17	78	14.4	8	26	2.0	15.5	23000	2	TS3SB	TKY08D	MK1KS	
		-125B07RA	●	7	125	63	40	40	56	90	16.4	9	—	2.8	15.5	20000	3	TS3SB	TKY08D	MK1KS	
B type 4.0 5.0		AXD4000-040A02RB	★	2	40	50	16	18	8.5	34	8.4	5.6	12	0.3	14.8	41000	1	TS3SB	TKY08D	MK1KS	
		-040A03RB	●	3	40	50	16	18	8.5	34	8.4	5.6	12	0.3	14.8	41000	1	TS3SB	TKY08D	MK1KS	
		-050A02RB	★	2	50	50	22	20	11	45	10.4	6.3	17	0.4	14.8	35000	2	TS3SB	TKY08D	MK1KS	
		-050A04RB	●	4	50	50	22	20	11	45	10.4	6.3	17	0.4	14.8	35000	2	TS3SB	TKY08D	MK1KS	
		-063A05RB	●	5	63	50	22	20	11	50	10.4	6.3	17	0.6	14.8	30000	2	TS3SB	TKY08D	MK1KS	
		-080A05RB	●	5	80	50	27	23	13	60	12.4	7	20	1.0	14.8	27000	2	TS3SB	TKY08D	MK1KS	
		-100A06RB	●	6	100	63	32	26	17	78	14.4	8	26	2.0	14.8	23000	2	TS3SB	TKY08D	MK1KS	
		-125B07RB	●	7	125	63	40	40	56	90	16.4	9	—	2.8	14.8	20000	3	TS3SB	TKY08D	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 arbor are correctly balanced.

(Note 3) Note for inserts with a corner radius of 1.6 and above, as corner radius increases the L1 dimension decreases.

★ Clamp Torque (N • m) : TS3SB=1.5

● : Inventory maintained. ★ : Inventory maintained in Japan.