
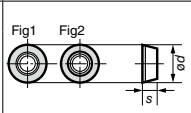


SUMIDIA Inserts


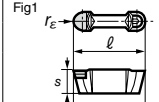

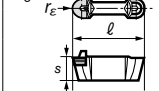
Turning Application

● Round Insert

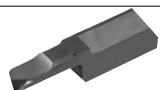
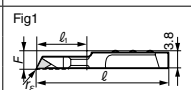
Appearance	Shape	Cat. No.	Stock				Dimensions (mm)					Fig	Applicable Holder
			DA90	DA150	DA1000	DA2200	Inscribed Circle(ϕd)	Thickness (s)	Cutting Edge Length(ℓ)	Nose Radius(r_n)	OilHole		
		RPGW 0803M0 RPGT 0803M0-WF			●	▲	8.0	3.18	—	—	3.3	1 2	Aluminium Wheel Turning Holders SEC-Copying Tool Holders RP Type (RP02 Type)

WF: Edge With Special Land For Aluminium Wheel Glossy Finishing

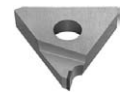
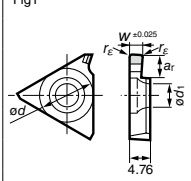
● Dogbone Type

Appearance	Shape	Cat. No.	Stock				Dimensions (mm)			Fig	Applicable Holder	
			DA90	DA150	DA1000	DA2200	Total Length(ℓ)	Thickness (s)	Nose Radius(r_n)			
		MDE 3R MDE 4R			●	●	26 30	8.5	3.0 4.0		1	Aluminium Wheel Turning Holders SEC-Copying Tool Holders GD Type (GDE Type) → C35
		MDE 3R-AW MDE 4R-AW			●	●	26 30	8.5	3.0 4.0			

● Small Dia. Boring Bar Insert

Appearance	Shape	Cat. No.	Stock				Dimensions (mm)				Fig	Applicable Holder	
			DA2200				Min. Bore	F	Nose Radius(r_n)	ℓ			ℓ_1
		KBMX R0311-10 KBMX R0411-10 KBMX R0511-10	●				3.0 4.0 5.0	4.1 4.3 4.5	0.1 0.1 0.1	28.5	11.0	1	Very Small Dia. Boring CKB Type → M24

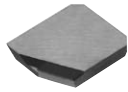
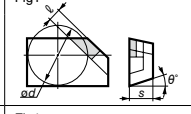
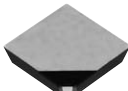
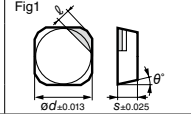
● Grooving Insert

Appearance	Shape	Cat. No.	Stock				Dimensions (mm)					Fig	Applicable Holder
			DA2200				Inscribed Circle(ϕd)	Grooving Width(w)	Nose Radius(r_n)	Max. Depth (a_r)	OilHole(ϕd_h)		
		TGA R/L4125 TGA R/L4150 TGA R/L4200 TGA R/L4250 TGA R/L4300 TGA R/L4350 TGA R/L4400	●				12.7	1.25 1.50 2.00 2.50 3.00 3.50 4.00	0.1	2.0 3.5 3.5 4.0 4.0 5.0 5.0	5.5	1	SEC-Grooving Tools (GWC Type/GWCS Type/GWCI Type) → F4 to F5

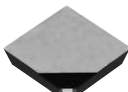
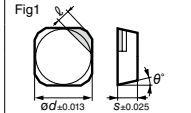
For Milling

Appearance	Shape	Cat. No.	Stock				Dimensions (mm)				Fig	Applicable Cutter (Endmills)
			DA150	DA1000	DA2200	SC10	Inscribed Circle(ϕd)	Thickness (s)	Cutting Edge Length(ℓ)	Relief Angle(θ°)		

● For SEC-ACE MILL APG Type

		APW 4R APW 5R		●	▲	—	12.70 15.875	3.18 4.76	2.0 2.0	15	1	APG Type → H47
		NF-SDC 42R SDC 42R SDC 53R	—	●	▲	—	12.70 12.70 15.88	3.18 3.18 4.76	3.0 3.0 3.0	15	1	

● For SEC-ACE MILL FPG Type / SEC-Multi Use Endmill FPE Type

		NF-SDKN 42M SDKN 42M SDKN 53M	—	●	▲	—	12.70 12.70 15.88	3.18 3.18 4.76	3.0 3.0 3.0	15	1	FPG Type → H39 FPE Type → H40
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▲ mark: To be replaced by new item (Please confirm stock availability)