

Slot Mill Lay-down type / Half Side Slot Mill

Inserts Identification System

Symbol		Hand		Tolerance			Symbol		Corner-R		Symbol		Hand		
Symbol		Hand		Corner Height		Thickness		I.C. Size		Symbol		Hand			
S		Square		C	±0.013mm	±0.025mm	±0.025mm			16	1.6mm	N	Without Hand		
				E	±0.025mm					12	1.2mm	L	L-hand		
① Shape				③ Tolerance				⑤ Edge Length		⑦ Corner R(rε)		⑨ Hand			
S		P		C		T		10		T3		08			
①		②		③		④		⑤		⑥		⑦			
② Relief Angle				④ Hole / Chipbreaker				⑥ Thickness		⑧ Edge Prep.		⑩ Chipbreaker			
Symbol		Relief Angle		Symbol		Shape		Symbol		Thickness		Symbol		Cutting Edge Spec.	
D		15°		T				T3		3.97mm		E		Honing	
P		11°				1 edge chipbreaker, with hole		04		4.76mm		F		Sharp Edge	
												S		Chamfer + R-honed	

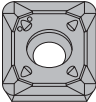
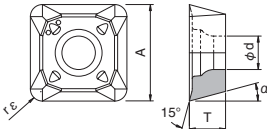
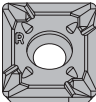
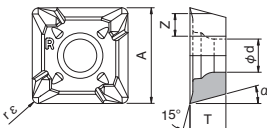
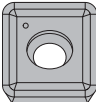
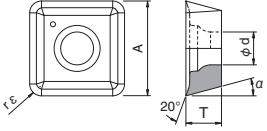
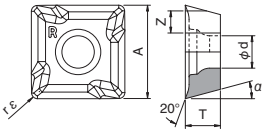
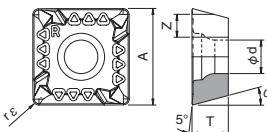
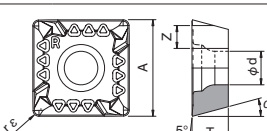
SP..10T3

Applicable Inserts

Description	A	T	φd	α
SP..10T3	10.0	3.97	3.4	11°

Classification of usage
 ● : 1st Choice
 ○ : 2nd Choice

P	Carbon Steel / Alloy Steel	●	●	
M	Stainless Steel	○	●	
K	Cast Iron	○	●	
N	Non-ferrous Metals			●
S	Heat-resistant alloy		●	
	Titanium Alloy		●	○

Insert		Description	No. of Edge	Dimension (mm)		CVD Coated Carbide	PVD Coated Carbide	
Handed Insert shows Right-hand				rε	W (Wiper Edge)	CA0835	PR0725	PR0110
		SPCT 10T316EN-SD	4	1.6	-		●	
		SPCT 10T308E ^{R/L} -SD		0.8	2.5		●	
With Wiper Edge		10T312E ^{R/L} -SD		1.2	1.8		●	
		SPCT 10T316FN-SE		1.6	-			●
Sharp Edge								
		SPCT 10T308F ^{R/L} -SE		0.8	2.7			●
Sharp Edge / With Wiper Edge		10T312F ^{R/L} -SE		1.2	2.2			●
		SPET 10T308E ^{R/L} -SB		0.8	2.7	●	●	
With Wiper Edge								
		SPET 10T308S ^{R/L} -SB	0.8	2.7	●	●		
With Wiper Edge Tough Edge								

Inserts are sold in 10 piece boxes.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

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