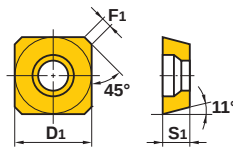
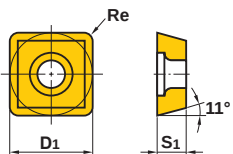
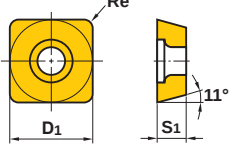
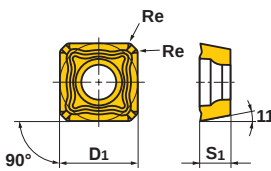
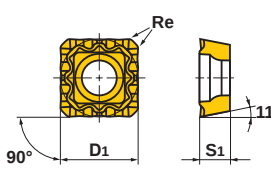
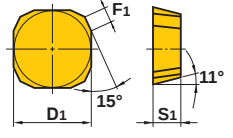


ROTATING INSERTS

Work Material	P	Steel							Cutting Conditions (Guide): ●:Stable Cutting ●:General Cutting ✖:Unstable Cutting Honing: E:Round T:Chamfer				
	M	Stainless Steel	●	●	●	●	●						
	K	Cast Iron	✖	✖		●	✖						
	N	Non-ferrous Metal					●						
	S	Heat-resistant Alloy, Titanium Alloy	●										
	H	Hardened Materials	●										
Shape	Order Number	Class	Honing	Coated	Cermet	Carbide	Dimensions (mm)				Geometry		
				VP15TF VP20RT UP20M	NX2525 NX4545	UT120T HT110	D ₁	S ₁	F ₁	Re			
	BSP	SPMB1204APT	M	T		●	●	12.7	4.76	1.4	—		
	TBE1	SPMT120408-A	M	E		●	●	12.7	4.76	—	0.8		
	CESP	SPMW090304	M	E * ¹	★	●	●	●	9.525	3.18	—	0.4	
	CFSP	090308	M	E * ¹	★	●	●	●	9.525	3.18	—	0.8	
	CGSP	120304	M	E * ¹	★	●	●	●	12.7	3.18	—	0.4	
	Ⓚ106	120308	M	E * ¹	★	●	●	●	12.7	3.18	—	0.8	
	SPX	SPMX120408-JM	M	E	●	●		12.7	4.76	—	0.8		
	Ⓚ087												
	SPX	SPMX120408-WH	M	E	●	●		12.7	4.76	—	0.8		
	Ⓚ087												
	Corner Angle 15°	SPNN1203EDR	N	E			●	12.7	3.18	1.4	—		

Right hand insert shown.

*1 Grade HTi10 is "T".

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