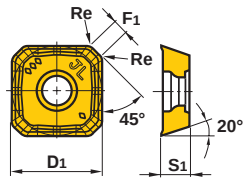
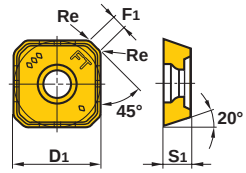
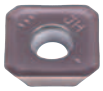
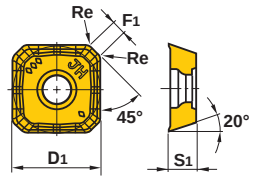
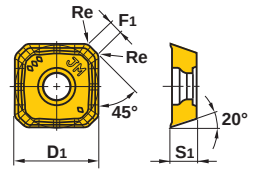
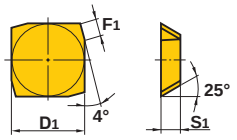
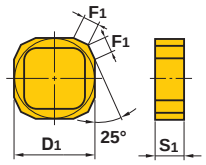
Work Material		F7030	MC5020	MP6120	MP6130	MP7130	MP7140	MP9120	MP9130	VP15TF	VP30RT	NX4545	VP45N	HTi10
P	Steel	◐		◐	✣					◐	✣	◐	◐	
M	Stainless Steel	◔				◔	✣			◔	✣	◔	◔	
K	Cast Iron		◐							✣				◐
N	Non-ferrous Metal													◐
S	Heat-resistant Alloy, Titanium Alloy							◐	✣	◐				
H	Hardened Materials									◔				

Cutting Conditions (Guide):
●: Stable Cutting ◐: General Cutting ✣: Unstable Cutting

Honing:
E: Round F: Sharp S: Chamfer + Hone

Shape	Order Number	Class	Honing	F7030	MC5020	MP6120	MP6130	MP7130	MP7140	MP9120	MP9130	VP15TF	VP30RT	NX4545	VP45N	HTi10	D1	S1	F1	Re	Geometry
				Coated										Cermet		Carbide	Dimensions (mm)				
ASX445 ➲K010	SEET13T3AGEN-JL	E	E	●		●	●	●	●	●	●	●	●	●			13.4	3.97	1.9	1.5	
ASX445 ➲K010	SEMT13T3AGSN-FT	M	S		●												13.4	3.97	1.9	1.5	
ASX445 ➲K010 	SEMT13T3AGSN-JH	M	S	●	●	●	●	●	●	●	●	●	●				13.4	3.97	1.9	1.5	
ASX445 ➲K010	SEMT13T3AGSN-JM	M	S	●	●	●	●	●	●	●	●	●	●	●	●		13.4	3.97	1.9	1.5	
BF407	SFAN1203ZFFR2	A	F													●	12.7	3.175	2.4	—	 Right hand insert shown.
	1203ZFFL2	A	F													★	12.7	3.175	2.4	—	
	SFCN1203ZFFR2	C	F													●	12.7	3.175	2.4	—	
BN425 DN	SNMF43B2G	M	E		★												12.7	4.8	2.0	—	

■ = MIRACLE SIGMA

ROTATING INSERTS