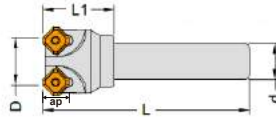


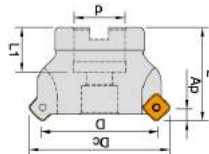
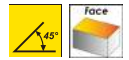
- ◆ Great performance ensured at large depth of cutting operations due to strong cutting edge and low cutting resistance.
- ◆ Innovative curve cutting edge design ensure ideal 45 degree cutting.
- ◆ Nickel contain plating applied for excellent corrosion resistance effect also increase surface hardness.
- ◆ To avoid the strain in second processing, finishing will be done after pre-harden.

SE45E



Order No.	D	L1	L	d	T	ap	Inserts	Screw	Wrench
ISE45E02-0320110	32	45	110	20	2	6	SEKT1204 SEKW1204	TS5006	TK20
ISE45E03-0400110	40	45	110	20	3	6			
ISE45E04-0500120	50	45	120	20	4	6			
ISE45E04-0500120	50	45	120	25	4	6			
ISE45E05-0630120	63	45	120	25	5	6			
ISE45E05-0630120	63	45	120	32	5	6			

SE45F



Order No.	D	L	L1	d	Dc	T	ap	Inserts	Screw	Wrench
ISE45F04-0500220	50	40	20	22	64	4	6	SEKT1204 SEKW1204	TS5006	TK20
ISE45F05-0630220	63	45	21	22	77	5				
ISE45F05-0630254	63	45	21	25.4	77	5				
ISE45F06-0800270	80	50	26	27	94	6				
ISE45F06-0800317	80	50	26	31.75	94	6				
ISE45F06-1000320	100	32	32	32	114	6				
ISE45F06-1000317	100	32	32	31.75	114	6				
ISE45F08-1250400	125	63	38	40	139	8				
ISE45F08-1250381	125	63	38	38.1	139	8				
ISE45F10-1600400	160	63	38	40	174	10				
ISE45F10-1600508	160	63	38	50.8	174	10				
ISE45F12-2000476	200	63	38	47.625	214	12				
ISE45F14-2500476	250	63	38	47.625	264	14				

- ◆ Face milling insert with 90° lead angle.
- ◆ Multi Purpose 45° milling insert, designed for high depths of cut.
- ◆ Suitable for roughing to finishing-face milling operations.

Specification

Inserts	Designation	Grade					Dimensions (mm)						Drawing
		CX21NS	CX31NA	CX31NS	CX41NS	CX41NA	A	B	S	r	d1	t1	
	P Steel	◎	◎	◎	○	○	◎ 1st choice ○ 2st choice						
	M Stainless steel	○	○	○	◎	◎							
	K Cast iron	◎	○	○	○	○							
	SEKT 1204AFTN-RG		✓	✓	✓	✓	12	-	4.76	0.8	5.5	-	
	SEKW 1204AFEN		✓	✓	✓	✓	12	-	4.76	0.8	5.5	-	

Milling Inserts & Tools

Recommended Cutting Conditions

Working Material	Vc	fz	ap
Carbon Steel (HB85-225)	80 ~ 200	0.10 ~ 0.30	~ 6.0
Stainless 300 Series	50 ~ 110	0.08 ~ 0.25	~ 3.0
Cast Iron (HB140-220)	80 ~ 180	0.10 ~ 0.30	~ 5.0