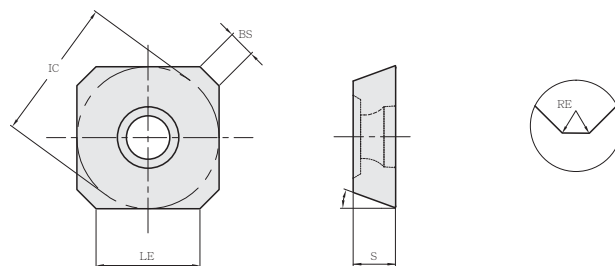
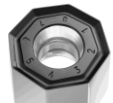


Face Milling Inserts



Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	BS	PA315	PA215	PA202	PA300	M250	M350
	SEET12T3-PF	13.4	13.4	3.97	4.1	2.55	▲	●	●	●	●	●
	SEET12T3-PM	13.4	13.4	3.97	4.1	2.55	▲	●	●	●	●	●
	SEET12T3-PR	13.4	13.4	3.97	4.1	2.55	▲	●	●	●	●	●
	SNMX1206AN-PM	-	12.7	6.35	4.8	1.6	▲	●	●	●	●	●
	SNMX1306AN-L	-	13	6.8	4.8	1.6						
	SNMX1306AN-M	-	13	6.8	4.8	1.6						
	ONMU080608TN-MM	-	20.20	6.0	5.9	-	▲	●	●	●	●	●
	ONMU0504ANN-M	-	13	6.8	4.8	0.6						

▲ Featured grade ● Optional grade

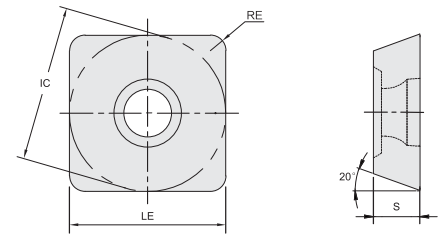
B

C

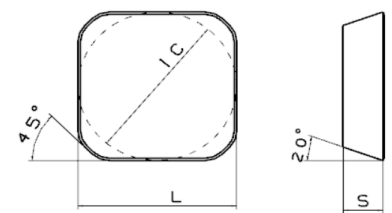
D

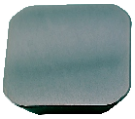
E

Face Milling Inserts



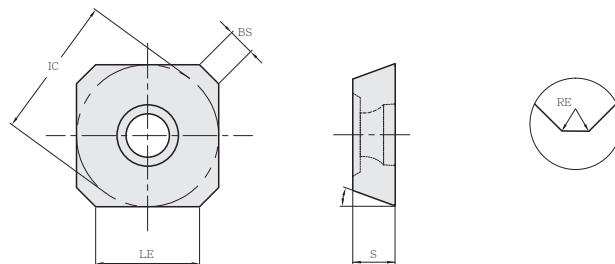
Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	BS	PA315	PA215	PA202	PA300	M250	M350
	SEET09T308PER-PR	9.525	9.525	4.016	3.3	R0.786	▲	●	●	●	●	●
	SEET120308PER-PF	13.29	13.29	4.042	4.1	R0.784	▲	●	●	●	●	●
	SEET120308PER-PM	13.29	13.29	4.042	4.1	R0.784	▲	●	●	●	●	●



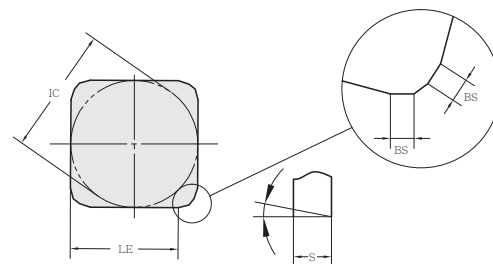
Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	BS	PA315	PA215	PA202	PA300	M250	M350
	SEKN1203AFTN	12.7	12.7	3.18			●	▲	●	●	●	●

▲ Featured grade ● Optional grade

Face Milling Inserts



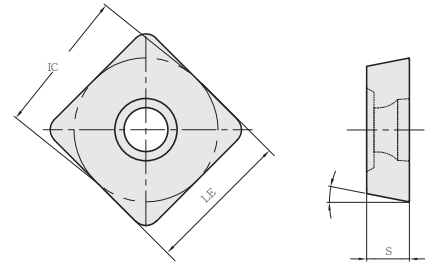
Insert Shape	Type	Dimensions(mm)				Grade					
		IC	S	D1	BS	PA315	PA215	PA202	PA300	PA325	M252
	SEKT1204AFTN-XM	12.7	12.7	4.85	2.1	●	▲	●	●	●	●



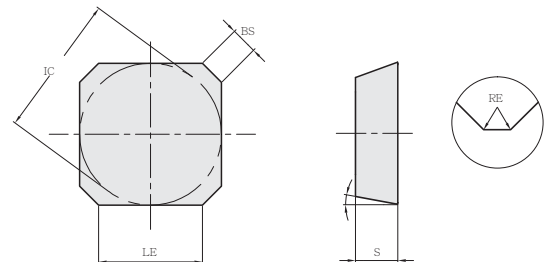
Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	BS	PA315	PA215	PA202	PA300	M250	M350
	SPKN1203EDSKR	12.7	12.7	3.18		1.481	▲	●	●	●	●	●
	SPKN1203EDSKL	12.7	12.7	3.18		1.481	▲	●	●	●	●	●
	SPKN1504EDL	15.875	15.875	4.76		1.35	▲	●	●	●	●	●
	SPKN1504EDR	15.875	15.875	4.76		1.35	▲	●	●	●	●	●
	SPKN1504EDS11PL	15.875	15.875	4.76		1.068	▲	●	●	●	●	●
	SPKN1504EDS11PR	15.875	15.875	4.76		1.068	▲	●	●	●	●	●

▲ Featured grade ● Optional grade

Indexable Helical Milling Inset



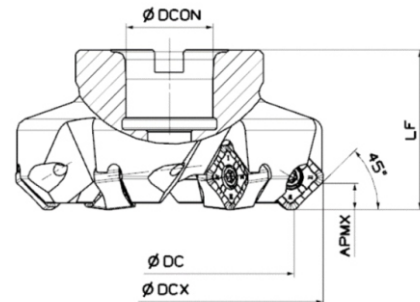
Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	RE	PA315	PA215	PA202	PA300	M250	M350
	SPMT090308	9.525	9.525	3.18	3.5	0.8	▲	●	●	●	●	●
	SPMT120408	12.7	12.7	4.76	5.5	0.8	▲	●	●	●	●	●
	SPMT120408-HT-1	12.7	12.7	4.76	5.5	0.8	▲	●	●	●	●	●
	SPMT120408-MM	12.7	12.7	4.76	5.5	0.8	▲	●	●	●	●	●
	SPMT120408-OPM	12.7	12.7	4.76	5.5	0.8	▲	●	●	●	●	●



Insert Shape	Type	Dimensions(mm)					Grade					
		LE	IC	S	D1	BS	PA315	PA215	PA202	PA300	M250	M350
	SPKR1504EDL-YR	15.875	15.875	4.51		R1	▲	●	●	●	●	●
	SPKR1504EDR-YR	15.875	15.875	4.51		R1	▲	●	●	●	●	●

▲ Featured grade ● Optional grade

Face Milling Tool

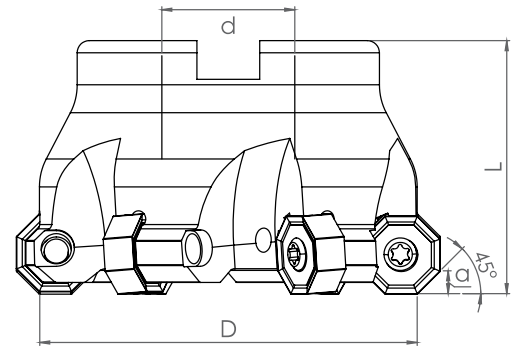


Type		Edge	DC	DCX	LF	DCON	CBDP	LCCB	DAH	DCCB	BD	KWW	L8	APMX	Weight	Inter Face
	KFM452-A22-50-5-SN13	5	50	64.6	40	22								6.5	0.43	A
	KFM452-A22-63-6-SN13	6	63	77.6	40	22								6.5	0.63	A
	KFM452-A27-80-7-SN13	7	80	94.6	50	27								6.5	1.4	A
	KFM452-B32-100-8-SN13	8	100	114.6	50	32								6.5	1.9	B
	KFM452-B40-125-10-SN13	10	125	139.6	63	40								6.5	3.15	B
	KFM452-C40-160-12-SN13	12	160	174.6	63	40								6.5	4.5	C
	KFM452-C60-200-16-SN13	16	200	214.6	63	60								6.5	6.8	C
	KFM452-C60-250-20-SN13	20	250	264.6	63	60								6.5	11.5	C
	KFM45 SN12 D50 A22 Z05	5	50	77.6	40	22								6.5	0.43	A
	KFM45 SN12 D63 A22 Z07	7	63	94.6	40	22								6.5	0.63	A
	KFM45 SN12 D80 A27 Z08	8	80	114.6	50	27								6.5	1.4	A
	KFM45 SN12 D100 A32 Z10	10	100	139.6	50	32								6.5	1.9	B
	KFM45 SN12 D125 B40 Z11	11	125	174.6	63	40								6.5	3.15	B
	KFM45 SN12 D160 C40 Z12	12	160	214.6	63	40								6.5	4.5	C
	KFM45 SN12 D200 B60 Z14	14	200	264.6	63	60								6.5	6.8	C
	KFM45 SN12 D315 D60 Z20	20	315	364	63	60								6.5	11.5	C

Accessories

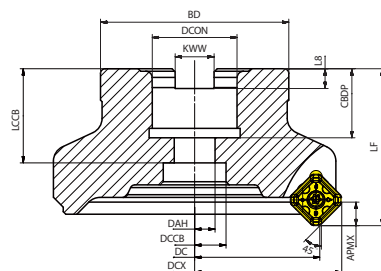
Applicable Insert	Insert Screw	Wrench
SN 1306 P145	CSC4090	CTS15W

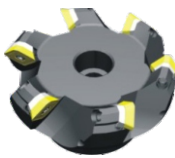
Face Milling Tool



KFM45 ON.. 0504 / 0806	D	Z	d	L	a		Clamp Screw	Torx Key
								
KFM45 ON05 D50 A22 Z05	50	5	22	40	2.5	ONMU06	M4x12	T20
KFM45 ON05 D63 A22 Z06	63	6	22	40	2.5			
KFM45 ON05 D80 A27 Z07	80	7	27	50	2.5			
KFM45 ON05 D100 A32 Z08	100	8	32	50	2.5			
KFM45 ON08 D63 A22 Z05	63	5	22	40	5.5	ONMU08	M5x13	T20
KFM45 ON08 D80 A27 Z06	80	6	27	50	5.5			
KFM45 ON08 D100 A32 Z07	100	7	32	50	5.5			
KFM45 ON08 D125 B40 Z08	125	8	40	63	5.5			
KFM45 ON08 D160 C40 Z10	160	10	40	63	5.5			
KFM45 ON08 D200 B60 Z12	200	12	60	63	5.5			

Face Milling Tool

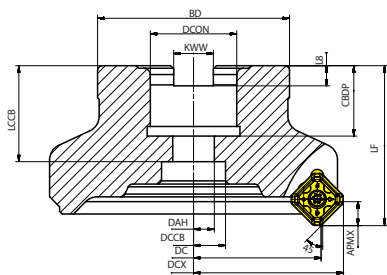


Type		Edge	DC	DCX	LF	DCON	CBDP	LCCB	DAH	DCCB	BD	KWW	L8	APMX	Weight	Inter Face
	KFM451A-A22-50-4-SE12	4	50	62.4	40	22	20		11		40	10.4	6.3	6	0.3	A
	KFM451A-A22-63-5-SE12	5	63	75.4	40	22	20		11		50	10.4	6.3	6	0.5	A
	KFM451A-A27-80-6-SE12	6	80	92.4	50	27	22		13		60	12.4	7	6	1.3	A
	KFM451A-B32-100-7-SE12	7	100	112.4	50	32		28		45	70	14.4	8	6	1.8	B
	KFM451A-B40-125-8-SE12	8	125	137.4	63	40		35		56	80	16.4	9	6	3.1	B
	KFM451A-C40-160-10-SE12	10	160	172.4	63	40		35		56	100	16.4	9	6	5.1	C
	KFM451A-C60-200-12-SE12	12	200	212.4	63	60		32		150	160	25.7	14	6	6.8	C
	KFM451A-C60-250-14-SE12	14	250	262.4	63	60		32		190	200	25.7	14	6	11.2	C
	KFM451A-D60-315-18-SE12	18	315	327.4	70	60		32		250	270	25.7	14	6	20.8	D

Accessories

Applicable Insert	Shim	Thread Sleeve	Insert Screw	Wrench	Wrench
SE T12T3 P145	S13BS	SM0507	TL60 M3.5×10	T15T	S3.5

Face Milling Tool

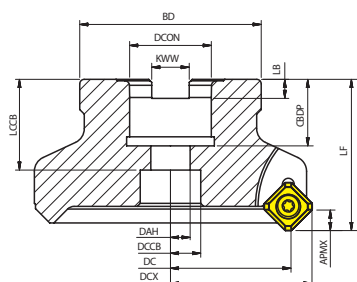


Type		Edge	DC	DCX	LF	DCON	CBDP	LCCB	DAH	DCCB	BD	KWW	L8	APMX	Weight	Inter Face
	KFM451A-A22-50-3-SE12	3	50	62.4	40	22	20		11		40	10.4	6.3	6	0.3	A
	KFM451A-A22-63-4-SE12	4	63	75.4	40	22	20		11		50	10.4	6.3	6	0.5	A
	KFM451A-A27-80-4-SE12	4	80	92.4	50	27	22		13		60	12.4	7	6	1.2	A
	KFM451A-B32-100-5-SE12	5	100	112.4	50	32		28		45	70	14.4	8	6	1.8	B
	KFM451A-B40-125-6-SE12	6	125	137.4	63	40		35		56	80	16.4	9	6	3.55	B

Accessories

Applicable Insert		Shim	Thread Sleeve	Insert Screw	Wrench	Wrench
SE T12T3	P145	S13BS	SM0508	TL60 M3.5×10	T15T	S3.5

Face Milling Tool

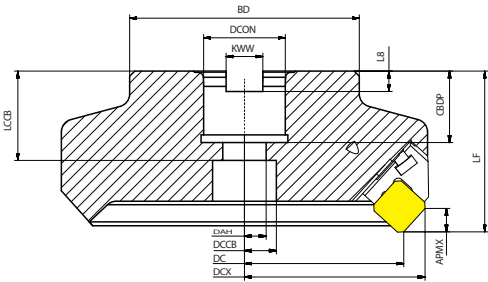


Type	Edge	DC	LF	DCON	CBDP	LCCB	DAH	DCCB	BD	DCX	KWW	L8	APMX	Weight	Inter Face
															
KFM451C-A22-50-4-SE12	4	50	50	22	20		11		40	64	10.4	6.3	6	0.3	A
KFM451C-A22-63-4-SE12	4	63	50	22	20		11		50	77	10.4	6.3	6	0.6	A
KFM451C-A27-80-5-SE12	5	80	50	27	22		13		60	94	12.4	7	6	0.9	A
KFM451C-A32-100-5-SE12	5	100	50	32		28		45	70	114	14.4	8	6	1.4	B

Accessories

Applicable Insert	Screw	Pressing Plate	Wrench
SEKT1204 P166	M5 × 11	W01R/L	T20

Face Milling Tool



Type		Edge	DC	DCX	LF	DCON	CBDP	LCCB	DAH	DCCB	BD	KWW	L8	APMX	Weight	Inter Face
	KFM451B-B27-80-4-SE12	4	80	103	50	27	22		13		60	12.4	7	5.5	1.8	A
	KFM451B-B32-100-5-SE12	5	100	122	50	32		28		45	80	14.4	8	5.5	2.4	B
	KFM451B-B40-125-6-SE12	6	125	147	63	40		35		56	80	16.4	9	5.5	4.4	B
	KFM451B-B40-160-8-SE12	8	160	181	63	40		35		56	100	16.4	9	5.5	6.4	B
	KFM451B-C60-200-10-SE12	10	200	221	63	60					160	25.7	14	5.5	8.5	C
	KFM451B-C60-250-12-SE12	12	250	270	63	60				180	200	25.7	14	5.5	14.1	C
	KFM451B-D60-315-15-SE12	15	315	353	63	60				230	250	25.7	14	5.5	22.2	D

Accessories

Applicable Insert		Tools Chuck	Clamp	Double Headed Screw	Tools Chuck Screw	Wrench
SE N1203 P146		LSE12R/L	W01R/L	DM8×21X	LOM5×15.1	S3