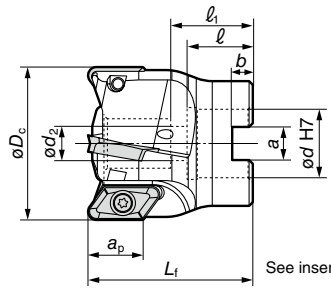
SEC-WaveMill

WAX 3000 Type

Rake Angle		
	Radial	6°
	Axial	19° to 25°

16 to 18mm 90°

P Steel	M Stainless Steel	K Cast Iron	N Non-ferrous Metal	N Aluminum	S Exotic Alloy	H Hardened Steel
×	×	×	○	◎	×	×



See insert table for "a_p".

Body (For inserts with nose radius 3.2mm and below)

	Cat. No.	Stock	Dimensions (mm) øDc	ød	Lf	ød2	a	b	ℓ	ℓ1	No. of Teeth	Weight (kg)
Metric	WAX 3050-3.2	●	50	22	50	11	10.4	6.3	21	26	4	0.34
	3063-3.2	●	63	22	50	11	10.4	6.3	21	26	5	0.6
Imperial	WAX 3080-3.2	●	80	25.4	50	14	9.5	6	25	31	5	1.0
	3100-3.2	●	100	31.75	63	17	12.7	8	32	39	6	2.2
	3125-3.2	●	125	38.1	63	21	15.9	10	35	40	7	3.5

Body (For inserts with nose radius 4.0mm and above)

	Cat. No.	Stock	Dimensions (mm) øDc	ød	Lf	ød2	a	b	ℓ	ℓ1	No. of Teeth	Weight (kg)
Metric	WAX 3050-4.0	●	50	22	50	11	10.4	6.3	21	26	4	0.34
	3063-4.0	●	63	22	50	11	10.4	6.3	21	26	4	0.6
Imperial	WAX 3080-4.0	●	80	25.4	50	14	9.5	6	25	31	5	1.0
	3100-4.0	●	100	31.75	63	17	12.7	8	32	39	6	2.2
	3125-4.0	●	125	38.1	63	21	15.9	10	35	40	7	3.5

Inserts are not included.

Spare Parts (3000 Type common)

Screw		Spanner	Anti-seizure Cream	Applicable Endmill
	N·m			
BFTX0408	3.0	TRD15	SUMI-P	WAX3000 Type WAX3000E / EL Type

N·m Recommended Tightening Torque (N·m)

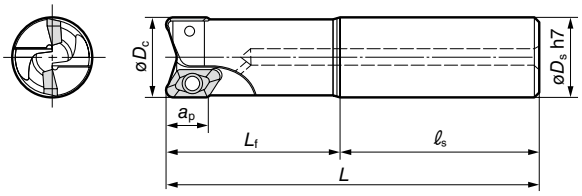
SEC-WaveMill

WAX 3000E/3000EL Type

Rake Angle		
	Radial	6°
	Axial	19° to 25°

16 to 18mm 90°

P Steel	M Stainless Steel	K Cast Iron	N Non-ferrous Metal	N Aluminum	S Exotic Alloy	H Hardened Steel
×	×	×	○	◎	×	×



See insert table for "a_p".

Body (For inserts with nose radius 3.2mm and below)

Cat. No.	Stock	Dimensions (mm) øDc	øDs	L	Lf	ℓs	No. of Teeth	Weight (kg)
WAX 3020E -3.2	●	20	20	130	60	70	1	0.25
WAX 3025E -3.2	●	25	25	140	60	80	2	0.42
3025EL-3.2	●	25	25	200	60	140	2	0.63
3032E -3.2	●	32	32	150	70	80	2	0.75
3032EL-3.2	●	32	32	220	70	150	2	1.2
WAX 3040E -3.2	●	40	32	160	70	90	3	1.0
3040EL-3.2	●	40	32	220	70	150	3	1.4

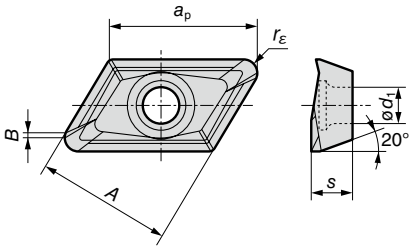
Body (For inserts with nose radius 4.0mm and above)

Cat. No.	Stock	Dimensions (mm) øDc	øDs	L	Lf	ℓs	No. of Teeth	Weight (kg)
WAX 3020E -4.0	●	20	20	130	60	70	1	0.25
WAX 3025E -4.0	●	25	25	140	60	80	2	0.42
3025EL-4.0	●	25	25	200	60	140	2	0.63
3032E -4.0	●	32	32	150	70	80	2	0.75
3032EL-4.0	●	32	32	220	70	150	2	1.2
WAX 3040E -4.0	●	40	32	160	70	90	3	1.0
3040EL-4.0	●	40	32	220	70	150	3	1.4

Inserts are not included.

Inserts (3000 Type common)

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metal S Exotic Alloy H Hardened Steel



Grade		Carbide	DLC
Application	High Speed/Light	KN	N
	General Purpose		N
	Roughing		

Cat. No.	H1	DL1000	Dimensions (mm) ap	A	B	rε	s	ød1
AECT 160404PEFRA	●	●	18	16.4	1.4	0.4	5	4.4
160408PEFRA	●	●	18	16.4	1.0	0.8	5	4.4
160412PEFRA	●	●	18	16.4	0.6	1.2	5	4.4
160416PEFRA	●	●	17.5	16.4	0.5	1.6	5	4.4
160420PEFRA	●	●	17.5	16.4	0.5	2.0	5	4.4
160430PEFRA	●	●	17	16.4	0.7	3.0	5	4.4
160432PEFRA	●	●	17	16.4	0.5	3.2	5	4.4
AECT 160440PEFRA	●	●	16.5	16.4	0.5	4.0	5	4.4
160450PEFRA	●	●	16	16.4	0.4	5.0	5	4.4

r_ε=4.0 or greater are for use with bodies that have a -4.0 cat. no. suffix.