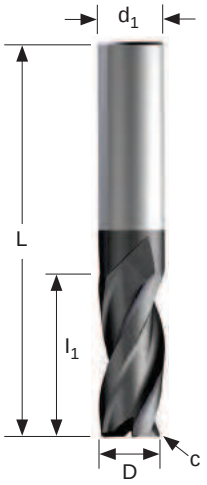
Materials Application

SP4060

P	M	K	N	S	H

PVD



3 - Flute End Mill

STELLRAM

HPM

Solid Carbide
Rapide End Mill

Metric Product		Dimensions (mm)									
EDP	**Item Description**	D	L	l_1	d_1	c	a_p max*	No. of Teeth	Helical Hole min - max		Trochoidal min
034343	**ERC 030NTN3**	3,00	57,00	8,00	6,00	0,10	8,00	3	4,29	5,85	4,29
034344	**ERC 040NTN3**	4,00	57,00	11,00	6,00	0,10	11,00	3	5,72	7,80	5,72
034345	**ERC 050NTN3**	5,00	57,00	13,00	6,00	0,20	13,00	3	7,15	9,75	7,15
034346	**ERC 060NN3**	6,00	57,00	13,00	6,00	0,20	13,00	3	8,58	11,70	8,58
034347	**ERC 080NN3**	8,00	63,00	20,00	8,00	0,20	20,00	3	11,44	15,60	11,44
034348	**ERC 100NN3**	10,00	72,00	22,00	10,00	0,20	22,00	3	14,30	19,50	14,30
034349	**ERC 120NN3**	12,00	75,00	25,00	12,00	0,25	25,00	3	17,16	23,40	17,16
034839	**ERC 160NN3**	16,00	93,00	35,00	16,00	0,25	35,00	3	22,88	31,20	22,88
034351	**ERC 200NN3**	20,00	100,00	44,00	20,00	0,25	44,00	3	28,60	39,00	28,60

ERC - Radial a_e and Axial a_p depth of cut range

Product	Dimensions (mm)						
Grade	Shoulder Milling						Slotting
	Roughing			Finishing			
	a_e%	a_p%	f_z	a_e%	a_p%	f_z	a_p%
SP4035	0,1 - 0,5 D	0,05 - 2 D	Mid - High	0,05 - 0,1 D	0,05 - 2 D	Low - Mid	0,1 - 1,5 D

Slotting - Square Ended

* For a_p max do not exceed 0,05 D (a_e)

Note: For ramping angle, helical a_p max. and trochoidal application details, refer to pages B88 - B89.

See pages B93 - B102 for EDP - Description - Previous Part Number Cross Reference charts.