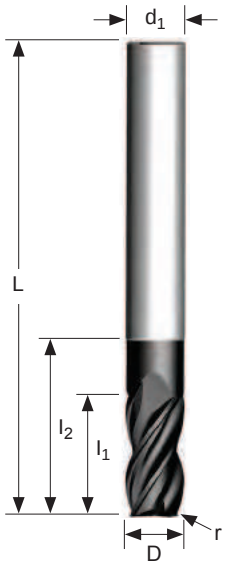
STELLRAM

Materials Application

SP4060

P	M	K	N	S	H

PVD



4 - Flute End Mill

Solid Carbide
Aerospace End Mills

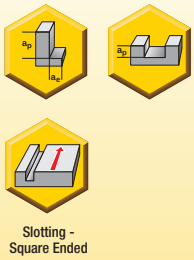
Metric Product		Dimensions (mm)										
EDP	**Item Description**	D	L	l_1	l_2	d_1	r	a_p max	No. of Teeth	Helical Hole min - max		Trochoidal min
031360	**XE 020MTN4-C**	2,00	65,00	4,00	-	6,00		4,00	4	2,86	3,41	2,86
031361	**XE 025MTN4-C**	2,50	65,00	5,00	-	6,00		5,00	4	3,58	4,39	3,58
031362	**XE 030MTN4-C**	3,00	65,00	6,00	-	6,00		6,00	4	4,29	5,36	4,29
031363	**XE 035MTN4-C**	3,50	65,00	7,00	-	6,00		7,00	4	5,01	6,34	5,01
031364	**XE 040MTN4-C**	4,00	65,00	8,00	-	6,00		4,00	4	5,72	7,31	5,72
031365	**XE 045MTN4-C**	4,50	65,00	9,00	-	6,00		9,00	4	6,44	8,29	6,44
031366	**XE 050MTN4-C**	5,00	75,00	10,00	-	6,00	0,25	10,00	4	7,15	9,26	7,15
031367	**XE 060MN4-C**	6,00	75,00	12,00	18,00	6,00		12,00	4	8,58	11,21	8,58
031368	**XE 080MN4-C**	8,00	75,00	16,00	24,00	8,00		16,00	4	11,44	15,11	11,44
031369	**XE 100MN4-C**	10,00	100,00	20,00	30,00	10,00		20,00	4	14,30	19,01	14,30
031370	**XE 120MN4-C**	12,00	100,00	24,00	36,00	12,00		24,00	4	17,16	22,91	17,16
031371	**XE 160MN4-C**	16,00	115,00	32,00	48,00	16,00		32,00	4	22,88	30,71	22,88
031372	**XE 200MN4-C**	20,00	120,00	40,00	60,00	20,00		40,00	4	28,60	38,51	28,60

Technical Information

XE - Radial a_e and Axial a_p depth of cut range

Product	Dimensions						
Grade	Shoulder Milling						Slotting
	Roughing			Finishing			
	a_e%	a_p%	f_z	a_e%	a_p%	f_z	a_p%
SP4060	0,2 - 0,5 D	0,5 - 2,0 D	Mid - High	0,05 - 0,2 D	0,1 - 2,0 D	Low - Mid	0,5 - 1,25 D

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



Slotting - Square Ended