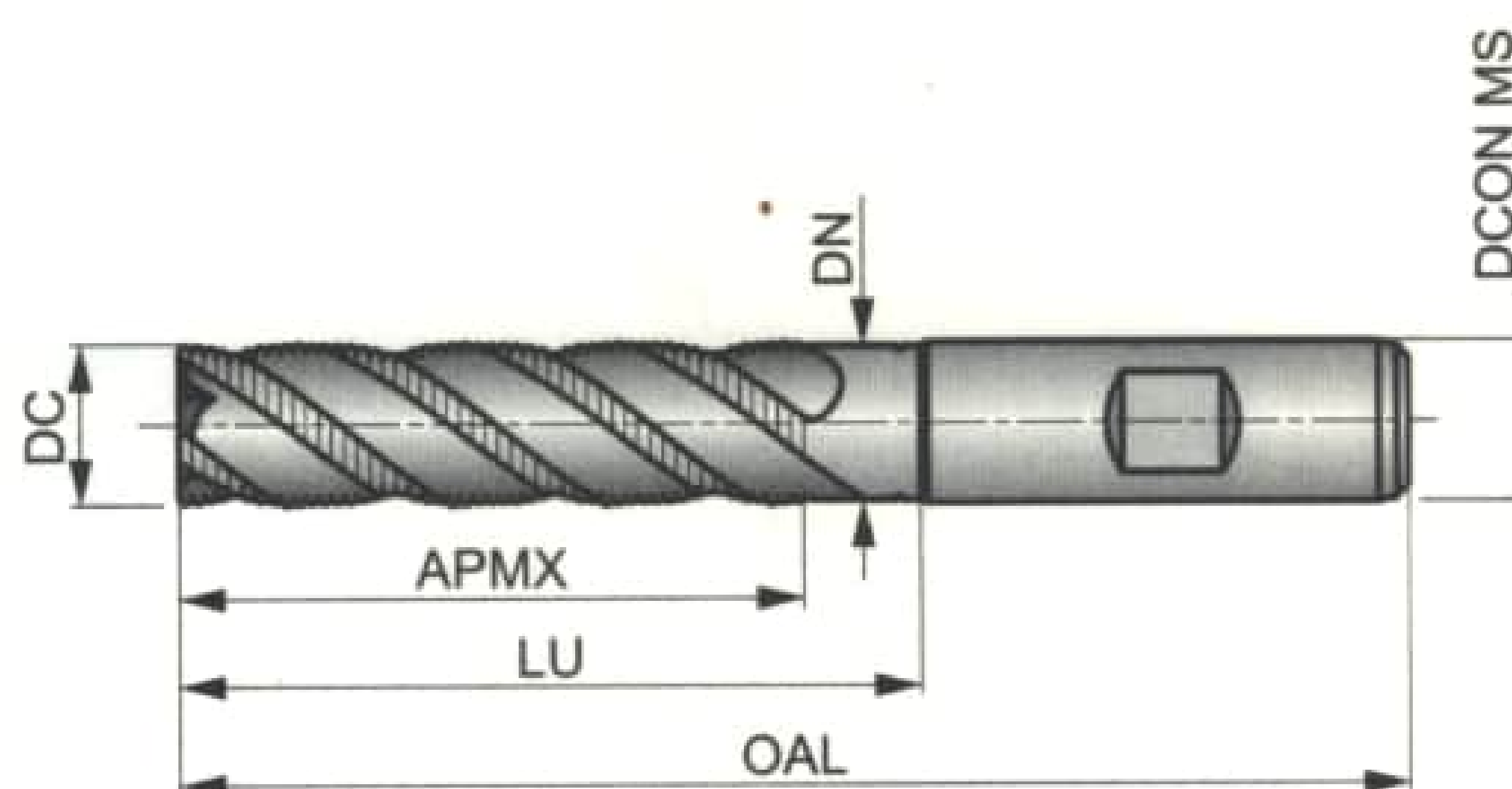


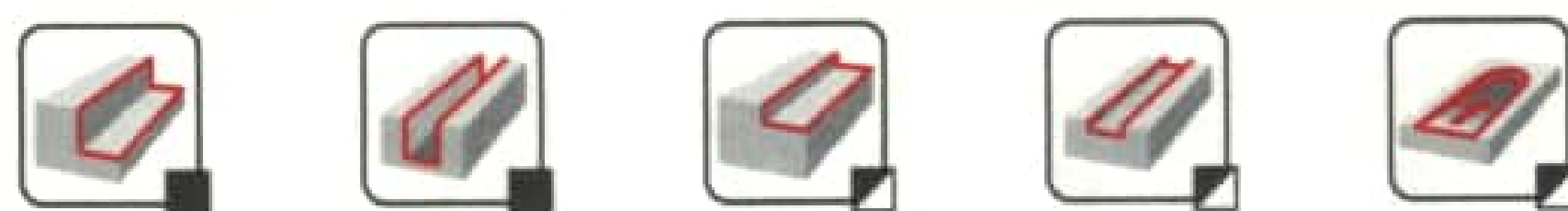
C492

Multi-Flute HSS-E-PM Long Series Roughing End Mill, Alcrona Coating

Long cut length, 3, 4 or 6 flute design with an HRA profile to break chips for efficient roughing of deep profiles. Neck recess on cutting diameter equal to 10 mm and above. A 35° helix reduces vibration and improves performance when roughing. Alcrona coating improves performance and extends tool life.



HSS-E PM	HRA	NOF 3-6
λ 35°	γ 12°	
DIN 1835B	Alcrona	DC k12
DIN 844L		



Workpiece material group suitability, starting values for cutting speed (m/min) and Alpha Code. Tables with feed per tooth and correction factors can be found starting from page 194

P2.2 ■ 83 E	P2.3 ■ 73 D	P3.1 ■ 72 E	P3.2 ■ 58 D	P3.3 ■ 49 D	P4.1 ■ 43 D	P4.2 ■ 37 D	P4.3 ■ 30 D	M1.1 ■ 59 E	M1.2 ■ 50 E	M2.1 ■ 53 E	M2.2 ■ 43 D	M3.1 ■ 42 D	M3.2 ■ 36 D
M3.3 ■ 32 C	M4.1 ■ 23 C	K1.1 ■ 55 E	K1.2 ■ 41 E	K1.3 ■ 31 E	K2.1 ■ 97 E	K2.2 ■ 79 E	K2.3 ■ 63 D	K3.1 ■ 86 E	K3.2 ■ 66 E	K3.3 ■ 53 D	K4.1 ■ 80 D	K4.2 ■ 60 D	K4.3 ■ 44 D
K4.4 ■ 38 C	K4.5 ■ 31 C	K5.1 ■ 90 D	K5.2 ■ 68 D	K5.3 ■ 52 D	N3.1 ■ 104 E	N3.2 ■ 61 E	S1.1 ■ 41 D	S1.2 ■ 34 D	S1.3 ■ 15 C	S2.1 ■ 32 C	S2.2 ■ 14 C	S3.1 ■ 24 C	S3.2 ■ 10 C
S4.1 ■ 19 C	S4.2 ■ 8 C												

DCON MS tolerance h6.

Product	DC (mm)	DCON MS (mm)	APMX (mm)	OAL (mm)	NOF	LU (mm)	DN (mm)
C4926.0	6.00	6.00	24.00	68.0	3	-	-
C4928.0	8.00	10.00	38.00	88.0	3	-	-
C49210.0	10.00	10.00	45.00	95.0	4	54.50	9.50
C49212.0	12.00	12.00	53.00	110.0	4	64.50	11.50
C49214.0	14.00	12.00	53.00	110.0	4	64.50	11.50
C49216.0	16.00	16.00	63.00	123.0	4	74.50	15.50
C49218.0	18.00	16.00	63.00	123.0	4	74.50	15.50
C49220.0	20.00	20.00	75.00	141.0	4	90.50	19.50
C49222.0	22.00	20.00	75.00	141.0	4	90.50	19.50
C49225.0	25.00	25.00	90.00	166.0	6	109.50	24.50
C49230.0	30.00	25.00	90.00	166.0	6	109.50	24.50