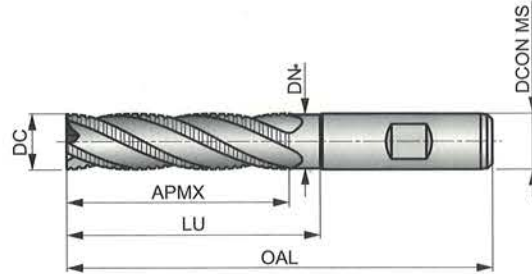


C403



Multi-Flute HSS-E Long Series Roughing End Mill, Bright Finish

Long cut length, 4, 5 or 6 flute design with no center cut for peripheral roughing operations only. The NF profile breaks chips for an efficient roughing operation. A 30° helix reduces vibrations and improves performance when roughing mild materials. Neck recess on cutting diameter equal to 14 mm and above.



HSS-E	NF	NOF 4-6
	λ 30°	γ 12°
DIN 1835B	Bright	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

P1.1	P1.2	P1.3	P2.1	P2.2	P3.1	P3.2	P4.1	M1.1	M1.2	M2.1	M2.2	K1.1	K1.2
■ 40 D	■ 45 D	■ 46 D	■ 34 D	■ 30 D	■ 28 D	■ 22 C	■ 16 C	■ 27 D	■ 23 D	■ 24 D	■ 20 C	■ 25 D	■ 19 D
K1.3	K2.1	K2.2	K2.3	K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2
■ 14 D	■ 43 D	■ 35 D	■ 28 C	■ 38 D	■ 29 D	■ 24 B	■ 35 C	■ 27 C	■ 20 C	■ 17 B	■ 14 B	■ 40 C	■ 30 C
K5.3	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N3.3	N4.1	S1.1	S1.2	S2.1	S3.1	S4.1
■ 23 C	■ 38 E	■ 38 D	■ 34 D	■ 25 D	■ 40 D	■ 23 D	■ 12 D	■ 40 D	■ 25 C	■ 20 C	■ 13 B	■ 10 B	■ 8 B

DCON MS tolerance h6.

Product	DC (mm)	DCON MS (mm)	APMX (mm)	OAL (mm)	NOF	LU (mm)	DN (mm)
C40310.0	10.00	10.00	45.00	95.0	4	—	—
C40312.0	12.00	12.00	53.00	110.0	4	—	—
C40314.0	14.00	12.00	53.00	110.0	4	64.50	11.50
C40316.0	16.00	16.00	63.00	123.0	4	74.50	15.50
C40318.0	18.00	16.00	63.00	123.0	4	74.50	15.50
C40320.0	20.00	20.00	75.00	141.0	4	90.50	19.50
C40330.0	30.00	25.00	90.00	166.0	5	109.50	24.50
C40332.0	32.00	32.00	106.00	186.0	6	125.50	31.00
C40336.0	36.00	32.00	106.00	186.0	6	125.50	31.50
C40340.0	40.00	40.00	125.00	217.0	6	146.50	39.00
C40345.0	45.00	40.00	125.00	217.0	6	146.50	39.50
C40350.0	50.00	50.00	150.00	252.0	6	171.50	48.00