

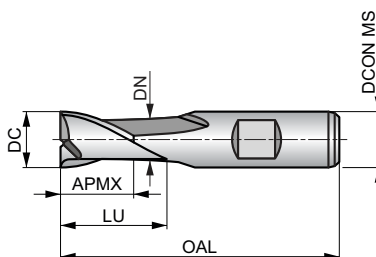


# C110



## 2-Flute HSS-E-PM Slot End Mill, Bright Finish

Extra short cut length, 2-flute design provides high rigidity. Suitable for milling shallow slots and ramping. The accurate diameter means the tools are designed for milling standard keyway slots to a P9 tolerance. Versatile and can be used in mild steels, non-ferrous materials and medium strength titanium alloys.



HSS-E PM	N	NOF 2
	$\lambda$ 30°	$\gamma$ 12°
DIN 1835B	Bright	DC e8
	DIN 327D	



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.

<b>P1.1</b>	<b>P1.2</b>	<b>P1.3</b>	<b>P2.1</b>	<b>P2.2</b>	<b>P3.1</b>	<b>P3.2</b>	<b>P4.1</b>	<b>M1.1</b>	<b>M1.2</b>	<b>M2.1</b>	<b>M2.2</b>	<b>K1.1</b>	<b>K1.2</b>
■ 53 E	■ 59 E	■ 61 E	■ 45 E	■ 40 E	■ 37 E	■ 30 D	■ 22 D	■ 41 E	■ 35 E	■ 37 E	■ 30 D	■ 35 E	■ 26 E
<b>K1.3</b>	<b>K2.1</b>	<b>K2.2</b>	<b>K2.3</b>	<b>K3.1</b>	<b>K3.2</b>	<b>K3.3</b>	<b>K4.1</b>	<b>K4.2</b>	<b>K4.3</b>	<b>K4.4</b>	<b>K4.5</b>	<b>K5.1</b>	<b>K5.2</b>
■ 19 E	■ 62 E	■ 50 E	■ 40 D	■ 54 E	■ 42 E	■ 34 D	■ 50 D	■ 38 D	■ 28 D	■ 24 C	■ 20 C	■ 57 D	■ 43 D
<b>K5.3</b>	<b>N1.1</b>	<b>N1.2</b>	<b>N1.3</b>	<b>N2.1</b>	<b>N2.2</b>	<b>N2.3</b>	<b>N3.1</b>	<b>N3.2</b>	<b>N3.3</b>	<b>N4.1</b>	<b>S1.1</b>	<b>S1.2</b>	<b>S2.1</b>
■ 33 D	■ 95 G	■ 71 F	■ 48 F	■ 48 E	■ 43 E	■ 31 E	■ 50 E	■ 29 E	■ 15 E	■ 50 E	■ 35 D	■ 25 D	■ 20 C
<b>S3.1</b>	<b>S4.1</b>												
■ 15 C	■ 12 C												

DCON MS tolerance h6.

Product	DC	DC	DCON MS	APMX	OAL	NOF	LU	DN
	[inch]	[mm]	[mm]	[mm]	[mm]			
C1101.0	–	1.00	6.00	2.50	47.0	2	–	–
C1101.5	–	1.50	6.00	3.00	47.0	2	–	–
C1101/16	1/16	1.59	6.00	3.00	47.0	2	–	–
C1101.8	–	1.80	6.00	4.00	48.0	2	–	–
C1102.0	–	2.00	6.00	4.00	48.0	2	–	–
C1103/32	3/32	2.38	6.00	5.00	49.0	2	–	–
C1102.5	–	2.50	6.00	5.00	49.0	2	–	–
C1102.8	–	2.80	6.00	5.00	49.0	2	–	–
C1103.0	–	3.00	6.00	5.00	49.0	2	–	–
C1101/8	1/8	3.18	6.00	6.00	50.0	2	–	–
C1103.5	–	3.50	6.00	6.00	50.0	2	–	–
C1103.8	–	3.80	6.00	7.00	51.0	2	–	–
C1104.0	–	4.00	6.00	7.00	51.0	2	–	–
C1104.5	–	4.50	6.00	7.00	51.0	2	–	–
C1103/16	3/16	4.76	6.00	8.00	52.0	2	–	–
C1104.8 <sup>2)</sup>	–	4.80	6.00	8.00	52.0	2	–	–
C1105.0	–	5.00	6.00	8.00	52.0	2	–	–
C1105.5	–	5.50	6.00	8.00	52.0	2	–	–
C1105.75 <sup>2)</sup>	–	5.75	6.00	8.00	52.0	2	–	–
C1106.0	–	6.00	6.00	8.00	52.0	2	–	–
C1101/4	1/4	6.35	10.00	10.00	60.0	2	–	–
C1106.5	–	6.50	10.00	10.00	60.0	2	–	–
C1107.0	–	7.00	10.00	10.00	60.0	2	–	–
C1107.5	–	7.50	10.00	10.00	60.0	2	–	–
C1107.75 <sup>2)</sup>	–	7.75	10.00	11.00	61.0	2	–	–