

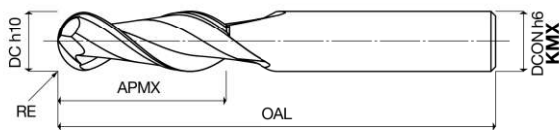
# Series 41120

Frese a due taglienti  
Two flute end mills

Coating    Quality UOP    Execution    Helix    W on request    Length

Cod. Art.	DC h10	APMX	OAL	DCON h6	Z	UNCOATED
411200300 KMX	3	25	70	3	2	KM
411200400 KMX	4	32	72	4	2	KM
411200500 KMX	5	32	80	5	2	KM
411200600 KMX	6	40	82	6	2	KM
411200700 KMX	7	42	100	7	2	KM
411200800 KMX	8	42	100	8	2	KM
411200900 KMX	9	45	100	9	2	KM
411201000 KMX	10	45	100	10	2	KM
411201100 KMX	11	70	130	11	2	KM
411201200 KMX	12	75	160	12	2	KM
411201300 KMX	13	75	160	13	2	KM
411201400 KMX	14	75	160	14	2	KM
411201500 KMX	15	75	160	15	2	KM
411201600 KMX	16	75	160	16	2	KM
411201700 KMX	17	75	160	17	2	KM
411201800 KMX	18	75	160	18	2	KM
411201900 KMX	19	75	160	19	2	KM
411202000 KMX	20	75	160	20	2	KM

parametri tecnici a pag. / for technical parameters see page 272



# Series 41135

## 41135

Frese a testa semisferica a due taglienti  
Ball-nosed two flute end mills

Coating    Quality UOP    Execution    Helix    W on request    Length

Cod. Art.	DC h10	APMX	OAL	RE	DCON h6	Z	UNCOATED
411350200 KMX	2	7	40	1	2	2	KM
411350300 KMX	3	8	40	1,5	3	2	KM
411350400 KMX	4	10	50	2	4	2	KM
411350500 KMX	5	12	50	2,5	5	2	KM
411350600 KMX	6	14	57	3	6	2	KM
411350700 KMX	7	14	60	3,5	7	2	KM
411350800 KMX	8	16	63	4	8	2	KM
411350900 KMX	9	18	67	4,5	9	2	KM
411351000 KMX	10	20	72	5	10	2	KM
411351100 KMX	11	20	83	5,5	11	2	KM
411351200 KMX	12	22	83	6	12	2	KM
411351300 KMX	13	25	83	6,5	13	2	KM
411351400 KMX	14	25	83	7	14	2	KM
411351500 KMX	15	32	92	7,5	15	2	KM
411351600 KMX	16	32	92	8	16	2	KM
411351700 KMX	17	32	92	8,5	17	2	KM
411351800 KMX	18	32	92	9	18	2	KM
411351900 KMX	19	38	104	9,5	19	2	KM
411352000 KMX	20	38	104	10	20	2	KM

parametri tecnici a pag. / for technical parameters see page 275

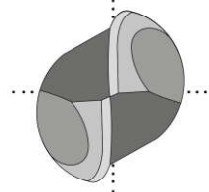


### Gamma Raggi Radii Range

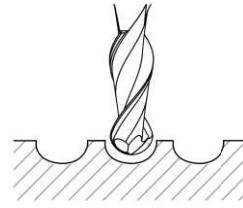
RE: 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4  
4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 7,5  
8 - 8,5 - 9 - 9,5 - 10

# Z2

BALL-NOSED  
CUTTERS



# Parametri di taglio / Cutting parameters



Materiali Materials		Sgrossatura Roughing $a_p = 0,4\phi$   $a_e = 0,9\phi$	
Serie Series		41135 - 41140* - 41150**	
Gruppo e descrizione Group and description		Vc (m/min.)	
		NON RIVESTITA UNCOATED	Skin <sup>up</sup>
Ghisa Cast Iron	Grigia e sferoidale Grey and spheroidal	80 - 90	110 - 120
	Basso contenuto di C Low Carbon content	90 - 100	120 - 130
	Medio contenuto di C Medium Carbon content	90 - 100	120 - 130
Acciaio Steel	Basso legato Low alloy	80 - 90	110 - 120
	Alto legato High alloy	70 - 80	90 - 100
	Acciaio da stampi e utensili Tool and die Steel	50 - 60	70 - 80
	Alluminio non legato Unalloyed aluminium	-	-
Materiali non ferrosi - Leghe leggere Non ferrous materials - Light alloys	Alluminio Si < 6% si < 6% aluminium	-	-
	Materiali termoplastici Thermoplastic materials	-	-
Acciaio temprato Tempered Steel	Rame/Ottone Copper/Brass	90 - 100	120 - 130
	≤ 54 HRC	-	-

DC	Avanzamento fz mm/tagliente   FEED mm/tooth
2	0,006
3	0,009
4	0,012
5	0,015
6	0,018
8	0,023
10	0,033
12	0,042
16	0,055
20	0,075

\*series 41140 fz consigliato | recommended -50%

\*\*series 41150 fz consigliato | recommended -70%

41135	41140*	41150**
●	●	●
●	●	●
○	○	○
○	○	○

● consigliata/recommended    ○ accettabile/acceptable    ○ non consigliata/not recommended