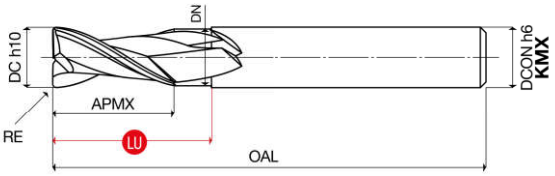
Series

41107

Frese toriche a due taglienti

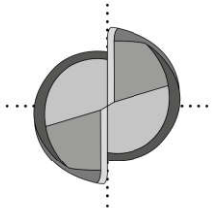
Toric two flute end mills



Skin up Coating | Quality UOP | H Execution | λ°s 32 Helix | W on request | Length

Z2

TORIC CUTTERS



Cod. Art.	DC h10	RE	APMX	DN	LU	OAL	DCON h6	Z	UNCOATED
411070200 KMX	2	0,2	7	1,9	11	40	2	2	KM
411070300 KMX	3	0,3	8	2,8	12	40	3	2	KM
411070400 KMX	4	0,5	10	3,7	16	50	4	2	KM
411070500 KMX	5	0,5	12	4,6	16	50	5	2	KM
411070600 KMX	6	0,5	14	5,5	20	57	6	2	KM
411070800 KMX	8	1	16	7,4	22	63	8	2	KM
411071000 KMX	10	1	20	9,2	28	72	10	2	KM
411071200 KMX	12	1	22	11	30	83	12	2	KM
411071400 KMX	14	1,5	25	13	33	83	14	2	KM
411071600 KMX	16	1,5	32	15	42	92	16	2	KM
411071800 KMX	18	2	32	17	42	92	18	2	KM
411072000 KMX	20	2	38	19	50	104	20	2	KM

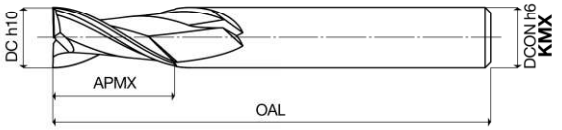
parametri tecnici a pag. / *for technical parameters see page 272*

Series

41110

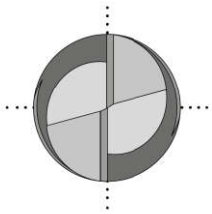
Frese a due taglienti

Two flute end mills



Skin up Coating | Quality UOP | H Execution | λ°s 32 Helix | W on request | Length

Z2



Cod. Art.	DC	APMX	OAL	DCON	Z	UNCOATED
411100300 KMX	3	20	55	3	2	KM
411100400 KMX	4	20	60	4	2	KM
411100500 KMX	5	20	60	5	2	KM
411100600 KMX	6	24	65	6	2	KM
411100700 KMX	7	30	75	7	2	KM
411100800 KMX	8	32	80	8	2	KM
411100900 KMX	9	32	80	9	2	KM
411101000 KMX	10	32	80	10	2	KM
411101100 KMX	11	50	100	11	2	KM
411101200 KMX	12	50	100	12	2	KM
411101300 KMX	13	55	115	13	2	KM
411101400 KMX	14	55	115	14	2	KM
411101500 KMX	15	60	120	15	2	KM
411101600 KMX	16	60	120	16	2	KM
411101700 KMX	17	60	120	17	2	KM
411101800 KMX	18	60	120	18	2	KM
411101900 KMX	19	60	130	19	2	KM
411102000 KMX	20	60	130	20	2	KM

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

Parametri di taglio/*Cutting parameters*

Materiali *Materials*		Cava *Slotting* ap = 0,5ø | ae = 1ø		Cava *Slotting* ap = 0,5ø | ae = 1ø
Serie *Series*		41105 - 41107 - 41110* 41120** - 42105		40105 - 40110 40130 - 40135
Gruppo e descrizione *Group and description*		Vc (m/min.)		Vc (m/min.)
		NON RIVESTITA UNCOATED	Skin^up	NON RIVESTITA UNCOATED
Ghisa *Cast iron*	Grigia e sferoidale *Grey and spheroidal*	80 - 90	110 - 120	–
Acciaio *Steel*	Basso contenuto di C *Low Carbon content*	90 - 100	120 - 130	–
	Medio contenuto di C *Medium Carbon content*	90 - 100	120 - 130	–
	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	–
Materiali non ferrosi - Leghe leggere *Non ferrous materials - Light alloys*	Alluminio non legato *Unalloyed aluminium*	–	–	90 - 100
	Alluminio Si < 6% *si < 6% aluminium*	–	–	90 - 100
	Materiali termoplastici *Thermoplastic materials*	–	–	120 - 130
	Rame/Ottone *Copper/Brass*	90 - 100	120 - 130	–
Acciaio Temprato *Hardened Steel*	≤ 54 HRC	-	-	-

DC	Avanzamento fz mm/tagliente | *FEED mm/tooth*
2	0,006
3	0,008
4	0,010
5	0,014
6	0,016
8	0,022
10	0,028
12	0,032
16	0,048
20	0,065

*series **41110 fz** consigliato | *recommended* -50%,
series **41120 fz consigliato | *recommended* -70%

40105	40110	40130	40135	41105	41107	41110*	41120**	42105
○	○	○	○	●	●	●	●	●
○	○	○	○	●	●	●	●	●
●	●	●	●	◪	◪	◪	◪	●
○	○	○	○	◪	◪	◪	◪	◪

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