

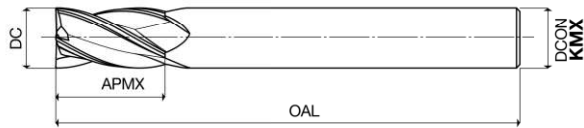
Cod. Art.	DC h10	DN	RE	APMX	OAL	LU	DCON h6	Z	UNCOATED
451070200	KMX 2	1,9	0,2	7	40	11	2	4	KM
451070300	KMX 3	2,8	0,3	10	40	13	3	4	KM
451070400	KMX 4	3,7	0,5	11	50	16	4	4	KM
451070500	KMX 5	4,6	0,5	13	50	16	5	4	KM
451070600	KMX 6	5,5	0,5	16	57	20	6	4	KM
451070800	KMX 8	7,4	1	19	63	23	8	4	KM
451071000	KMX 10	9,2	1	22	72	28	10	4	KM
451071200	KMX 12	11	1	26	83	32	12	4	KM
451071400	KMX 14	13	1,5	28	83	34	14	4	KM
451071600	KMX 16	15	1,5	32	92	42	16	4	KM
451071800	KMX 18	17	2	32	92	42	18	4	KM
451072000	KMX 20	19	2	38	104	50	20	4	KM

parametri tecnici a pag. / for technical parameters see page 278



— DC 2 to DC 6 Divisione irregolare/Irregular division

== DC 8 to DC 20 Divisione irregolare/Irregular division + Eliche differenziate/Different helices λ°s 30/32



Cod. Art.	DC h10	APMX	OAL	DCON h6	Z	UNCOATED
451100300	KMX 3	20	55	3	4	KM
451100400	KMX 4	20	60	4	4	KM
451100500	KMX 5	20	60	5	4	KM
451100600	KMX 6	24	65	6	4	KM
451100700	KMX 7	30	75	7	4	KM
451100800	KMX 8	32	80	8	4	KM
451100900	KMX 9	32	80	9	4	KM
451101000	KMX 10	32	80	10	4	KM
451101100	KMX 11	50	100	11	4	KM
451101200	KMX 12	50	100	12	4	KM
451101300	KMX 13	55	115	13	4	KM
451101400	KMX 14	55	115	14	4	KM
451101500	KMX 15	60	120	15	4	KM
451101600	KMX 16	60	120	16	4	KM
451101700	KMX 17	60	120	17	4	KM
451101800	KMX 18	60	120	18	4	KM
451101900	KMX 19	60	130	19	4	KM
451102000	KMX 20	60	130	20	4	KM

parametri tecnici a pag. / for technical parameters see page 278



Series

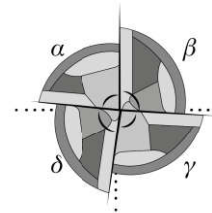
45107

Frese toriche a quattro taglienti
Nuova geometria - Divisione irregolare
Eliche differenziate
Four flute toric cutters
New Geometry - Irregular Division
Different Helices

Z4

TORIC
CUTTERS

IRREGULAR
DIVISION



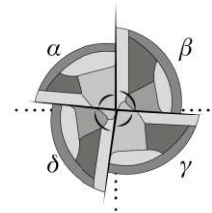
Series

45110

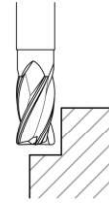
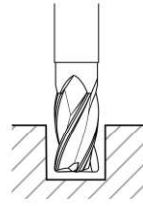
Frese a quattro taglienti
Four flute end mills

Z4

IRREGULAR
DIVISION



Parametri di taglio / Cutting parameters



Materiali Materials	Cava Slotting $ap = 1\phi \mid ae = 1\phi$	Contornatura Shouldering $ap = 1,5\phi \mid ae = 0,5\phi$
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Serie
Series

45105 - 45107 - 47105

Gruppo e descrizione Group and description	Vc (m/min.)			
	NON RIVESTITA UNCOATED	SkinPower	NON RIVESTITA UNCOATED	SkinPower
Ghisa Cast Iron Grigia e sferoidale Grey and spheroidal	60 - 70	80 - 90	100 - 110	110 - 120
Acciaio Steel Basso contenuto di C Low Carbon content Medio contenuto di C Medium Carbon content Basso legato Low alloy Alto legato High alloy Acciaio da stampi e utensili Tool and die Steel	60 - 70	80 - 90	100 - 110	110 - 120
	60 - 70	80 - 90	100 - 110	110 - 120
	50 - 60	70 - 80	70 - 80	80 - 90
Rame Copper Ottone Brass	30 - 40	50 - 60	60 - 70	70 - 80
	30 - 40	50 - 60	50 - 60	60 - 70
Rame Copper Ottone Brass	-	-	90 - 100	120 - 130
Acciaio Hardened Temprato Steel	≤ 54 HRC	-	-	-
Acciaio inossidabile Stainless Steel Aisi 304 - 416 - 420 Aisi 316 - 440 17-4 ph 15-5 ph Leghe Cr - Co / Cr - Co alloys Duplex F51 Super Duplex F55	-	40 - 50	-	60 - 70
	-	25 - 35	-	40 - 50
	-	25 - 35	-	40 - 50
	-	15 - 20	-	30 - 40
	-	25 - 30	-	30 - 40
Superleghe Heat Resistant resistenti al calore Super Alloys Hrsa Hastelloy Hrsa Inconel 625 Hrsa Inconel 718 Hrsa Nimonic	-	15 - 20	-	20 - 30
	-	10 - 15	-	20 - 30
	-	10 - 15	-	20 - 30
	-	10 - 15	-	20 - 30
Ti Titanium Leghe di titanio / Titanium alloys	-	25 - 35	-	40 - 50
	-	25 - 35	-	40 - 50

DC	Avanzamento fz mm/tagliente FEED mm/tooth	
5	*0,015	0,020
6	0,016	0,022
8	0,020	0,026
10	0,025	0,030
12	0,030	0,040
16	0,050	0,060
20	0,070	0,080

* Z3

	45105	45107	47105
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

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