

Series

45105

Frese a quattro taglienti

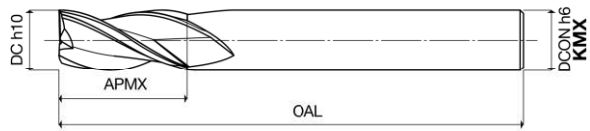
Nuova geometria - Divisione irregolare

Eliche differenziate

Four flute end mills

New Geometry - Irregular Division

Different Helices



Skin^{UP}

Coating

UNI
DIN 6528
ISO

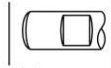
Standards

H

Execution

λ° s
30

Helix

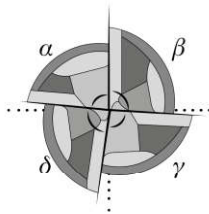


W on request



Length

Z4
IRREGULAR
DIVISION



Cod. Art.	DC h10	APMX	OAL	DCON h6	Z	UNCOATED
451050200 KMX	2	7	40	2	4	KM
451050250 KMX	2,5	10	40	2,5	4	KM
451050300 KMX	3	10	40	3	4	KM
451050350 KMX	3,5	11	50	3,5	4	KM
451050400 KMX	4	11	50	4	4	KM
451050450 KMX	4,5	13	50	4,5	4	KM
451050500 KMX	5	13	50	5	4	KM
451050550 KMX	5,5	16	57	5,5	4	KM
451050600 KMX	6	16	57	6	4	KM
451050650 KMX	6,5	16	60	6,5	4	KM
451050700 KMX	7	16	60	7	4	KM
451050750 KMX	7,5	19	63	7,5	4	KM
451050800 KMX	8	19	63	8	4	KM
451050850 KMX	8,5	19	67	8,5	4	KM
451050900 KMX	9	19	67	9	4	KM
451050950 KMX	9,5	22	72	9,5	4	KM
451051000 KMX	10	22	72	10	4	KM
451051050 KMX	10,5	22	72	10,5	4	KM
451051100 KMX	11	22	83	11	4	KM
451051200 KMX	12	26	83	12	4	KM
451051300 KMX	13	26	83	13	4	KM
451051400 KMX	14	28	83	14	4	KM
451051500 KMX	15	32	92	15	4	KM
451051600 KMX	16	32	92	16	4	KM
451051700 KMX	17	32	92	17	4	KM
451051800 KMX	18	32	92	18	4	KM
451051900 KMX	19	38	104	19	4	KM
451052000 KMX	20	38	104	20	4	KM

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



— DC 2 to DC 6 Divisione irregolare/Irregular division

== DC 6,5 to DC 20 Divisione irregolare/Irregular division + Eliche differenziate/Different helices λ° s 30/32

Skin^{up}

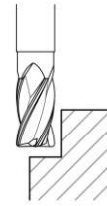
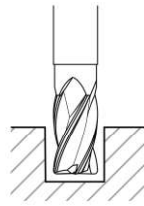
RIVESTIMENTO

Composizione:
Base Titanio e Alluminio.
Ideale per la lavorazione
di materiali duri e tenaci.
Durezza (HV) 3400.

COATING

Composition:
Titanium and Aluminium based.
Machining of hard
and tough materials.
Hardness (HV) 3400.

Parametri di taglio / Cutting parameters



Materiali Materials	Cava Slotting ap = 1ø ae = 1ø	Contornatura Shouldering ap = 1,5ø ae = 0,5ø
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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