

Megatool



**DOME
TRUE
POWER
KNOWS
NO
LIMITS**



UOP
Member IMC Group



DOVE SERIES
797MDIC



MegaTool



MEGA DOME: ROUGHING, SEMI-FINISHING AND FINISHING IN ONE TOOL



TECHNICAL DATA

HEMISFERICAL HEAD

and a positive axial rake angle

IRREGULAR DIVISION

designed to reduce resonance when machining stainless steels, Inconel and HRSA, Titanium and Titanium alloys

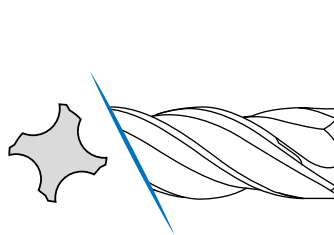
OPTIMAL CUTTING ANGLES

to reduce B.U.E.

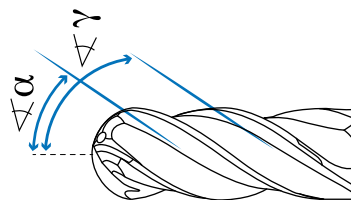
DIFFERENT HELICES

to reduce vibration even in complex tool paths

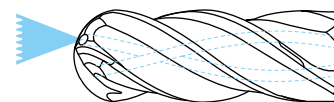
ROUNDED FLUTE



ROUNDED FLUTE

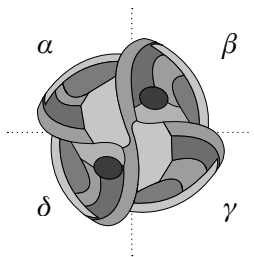


DIFFERENT HELICES



INTERNAL COOLANT HOLES

Z4



IRREGULAR DIVISION

Designed to reduce resonance when machining stainless steels, Inconel and HRSA, Titanium and Titanium alloys.

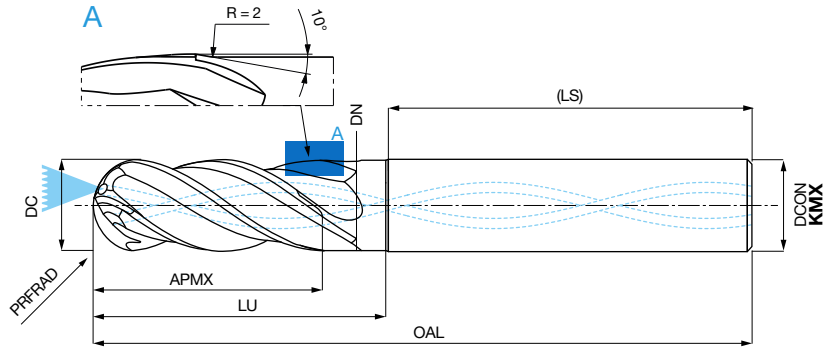
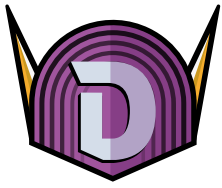


Evo+
Dome

COATING

Composition:
Titanium, Aluminum and Silicon base.
The high percentage of silicon guarantees a higher oxidation point and in combination with the internal coolant holes gives a greater resistance to high temperatures.

DOME SERIES 797MDIC



TOL. DC: -0,02 / -0,06
TOL. DCON: h5



Evo+
Dome
Coating

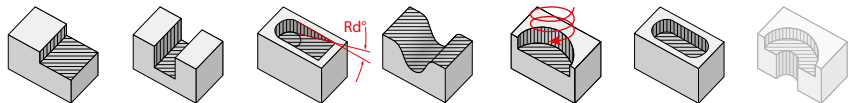
✓
Quality UOP

Standard

W on Request

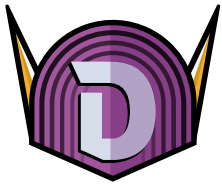
Length

Cod. Art.	DC	DCON	DN	OAL	LU	APMX	PRFRAD	Z
797MDIC0600 KMX	6	6	5,9	57	20	14	3	4
797MDIC0800 KMX	8	8	7,8	63	26	18	4	4
797MDIC1000 KMX	10	10	9,8	72	32	22	5	4
797MDIC1200 KMX	12	12	11,7	83	38	26	6	4
797MDIC1400 KMX	14	14	13,7	83	38	30	7	4
797MDIC1600 KMX	16	16	15,7	100	50	34	8	4
797MDIC2000 KMX	20	20	19,7	112	62	42	10	4



DOVE SERIES
797MDIC

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TEST

**ROUGHING, SEMI-FINISHING
AND FINISHING IN ONE TOOL**

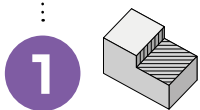
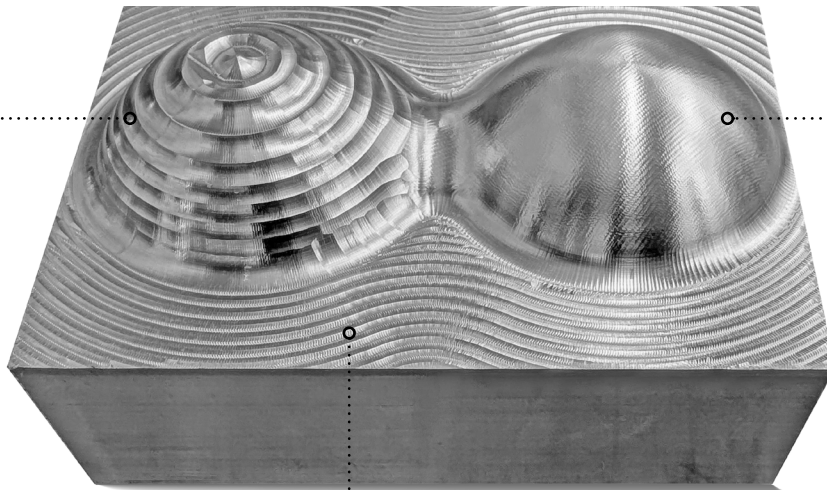
MEGADOME Ø10: 797MDIC1000 KMX

MATERIAL: AISI 304L



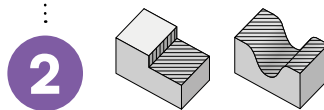
**WATCH
THE TEST VIDEO**

<https://www.uop.it/qr/MegaDome/Test>



1
ROUGHING

DC = 10 mm
Vc = 120 m/min
N = 3820 Rpm
Fz = 0,08 mm/tooth
F = 1222 mm/min
Ap = 20 mm
Ae = 2 mm



2
SEMI-FINISHING

DC = 10 mm
Vc = 120 m/min
N = 3820 Rpm
Fz = 0,08 mm/tooth
F = 1222 mm/min
Ap = 2 mm
Ae = 4 mm

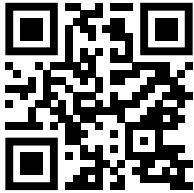


3
FINISHING

DC = 10 mm
Vc = 120 m/min
N = 3820 Rpm
Fz = 0,08 mm/tooth
F = 1222 mm/min
Ap = 0,2 mm
Ae = 0,2 mm

**AVAILABILITY
IN STOCK @**

CONTACT
OUR CUSTOMER SERVICE
FOR INFORMATION AND PRICES
customer.service@uop.it



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