

Megatool



MEGA STUB



THE
LITTLE
BIG
HERO
HAS
GROWN
UP



8 NEW DIAMETERS
ARE NOW AVAILABLE IN SERIES 79705ST4



UOP
Member IMC Group



**STUB SERIES
79705ST4**

MegaTool



MEGA STUB: WHEN INCREASED STABILITY IS REQUIRED



TECHNICAL DATA

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.

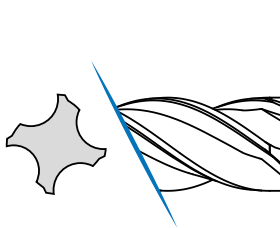
DIFFERENT HELICES

to reduce vibration even in complex tool paths

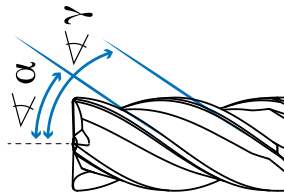
REINFORCED TORIC RADIUS

and a positive axial rake angle

ROUNDED FLUTE



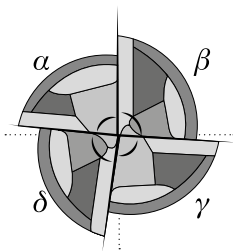
ROUNDED FLUTE



DIFFERENT HELICES



TORIC RADIUS



Z4

IRREGULAR DIVISION

Designed to reduce resonance when machining stainless steels, inconel and HRSA, titanium and titanium alloys.



Skin+
Power

COATING

Composition:
Titanium and Aluminium based.
Machining of stainless steels, inconel, HRSA, titanium and titanium alloys.

**STUB SERIES
79705ST4**

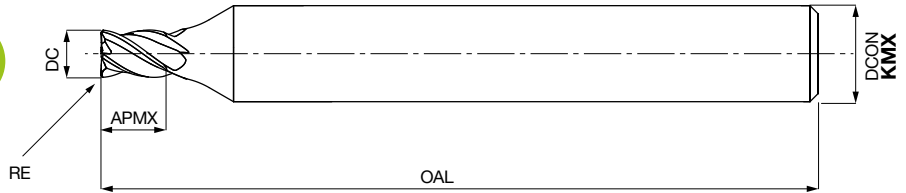
MegaTool



8 NEW DIAMETERS ARE NOW AVAILABLE

UOP expands its range of MegaStub products. (79705ST4)
Eight new diameters available starting from diameter 2 mm

New

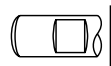
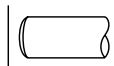


TOL. DC: h10
TOL. DCON: h6

Skin+
Power



Quality UOP



W \geq 8mm



Length

	Cod. Art.	DC	DCON	OAL	APMX	RE	Z
New	79705ST40200 KMX	2	6	45	2,5	0,2	4
New	79705ST40250 KMX	2,5	6	45	3	0,2	4
New	79705ST40300 KMX	3	6	45	3,5	0,2	4
New	79705ST40350 KMX	3,5	6	45	4	0,2	4
New	79705ST40400 KMX	4	6	45	4,5	0,2	4
New	79705ST40450 KMX	4,5	6	45	5	0,2	4
New	79705ST40500 KMX	5	6	45	5,5	0,2	4
New	79705ST40600 KMX	6	6	45	6,5	0,2	4
	79705ST40800 KMXW	8	8	52	9	0,3	4
	79705ST41000 KMXW	10	10	60	11	0,5	4
	79705ST41200 KMXW	12	12	69	13	0,5	4
	79705ST41600 KMXW	16	16	80	18	1	4



**DISCOVER
THE COMPLETE
MEGASTUB RANGE**



**STUB SERIES
79705ST4**

Megastool



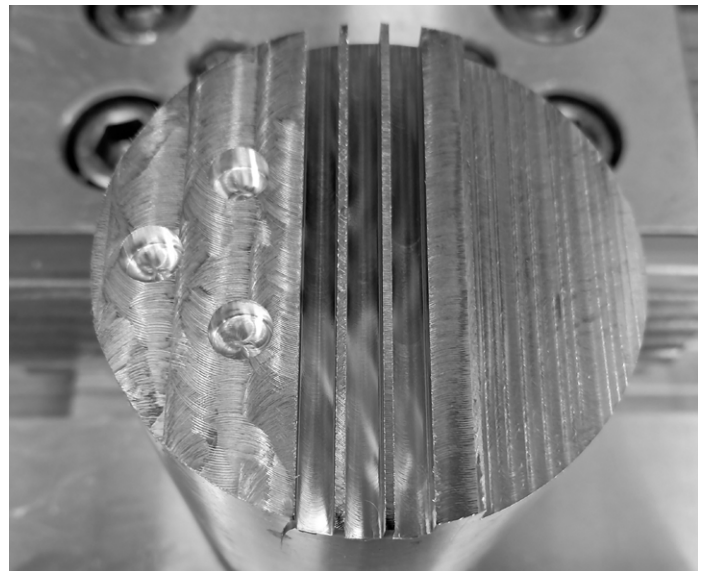
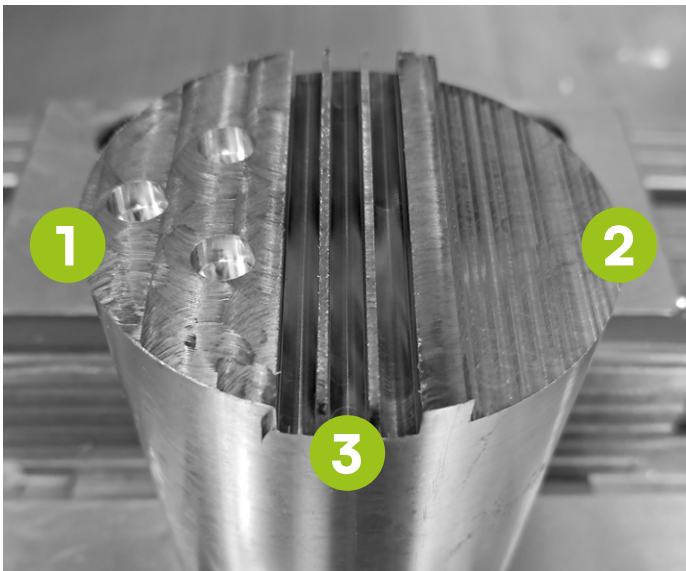
TEST 1

**CIRCULAR INTERPOLATION
SHOULDERING AND SLOTTING**

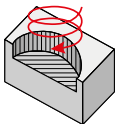
MEGASTUB Ø4: 79705ST40400KMx

MATERIAL: STEEL 20MnCr5

**WATCH
THE TEST VIDEO**



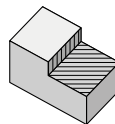
1



**HOLES
IN CIRCULAR INTERPOLATION**

Vc = 110 m/min
S = 8754 RPM
Fz = 0.01 mm/z
F = 150 mm/min
Ap = 4 mm
Ae = 7 mm
3 HOLES

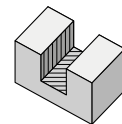
2



SHOULDERING

Vc = 120 m/min
S = 9549 RPM
Fz = 0.012 mm/z
F = 458 mm/min
Ap = 4 mm (1 x DC)
Ae = 1 mm (0.25 x DC)
20 X

3



SLOTTING

Vc = 100 m/min
S = 7958 RPM
Fz = 0.01 mm/z
F = 318 mm/min
Ap = 4 mm (1 x DC)
Ae = 4 mm (1 X DC)
3 SLOTS

STUB SERIES
79705ST4

Megastool

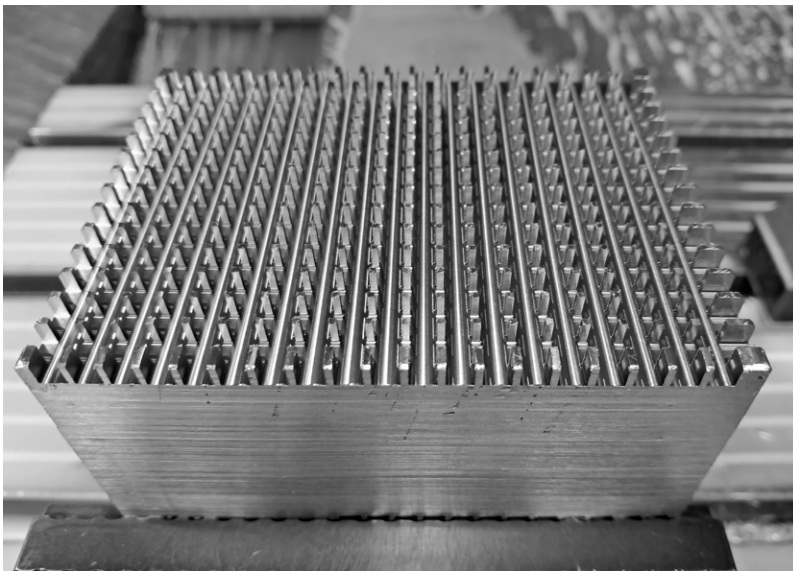


TEST 2

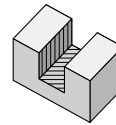
SLOTTING

MEGASTUB Ø4: 79705ST40400KMX
MATERIAL: AiSi 304L

WATCH
THE TEST VIDEO



3



SLOTTING

Vc = 80 m/min

S = 6369 rpm

Fz = 0.008 mm/z

F = 204 mm/min

Ap = 4 mm (1 x DC)

Ae = 4 mm (1 X DC)

SLOTS:

19 FULL SLOTS

14 INTERRUPTED CUT



AVAILABILITY: IN STOCK



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



megatool.it

