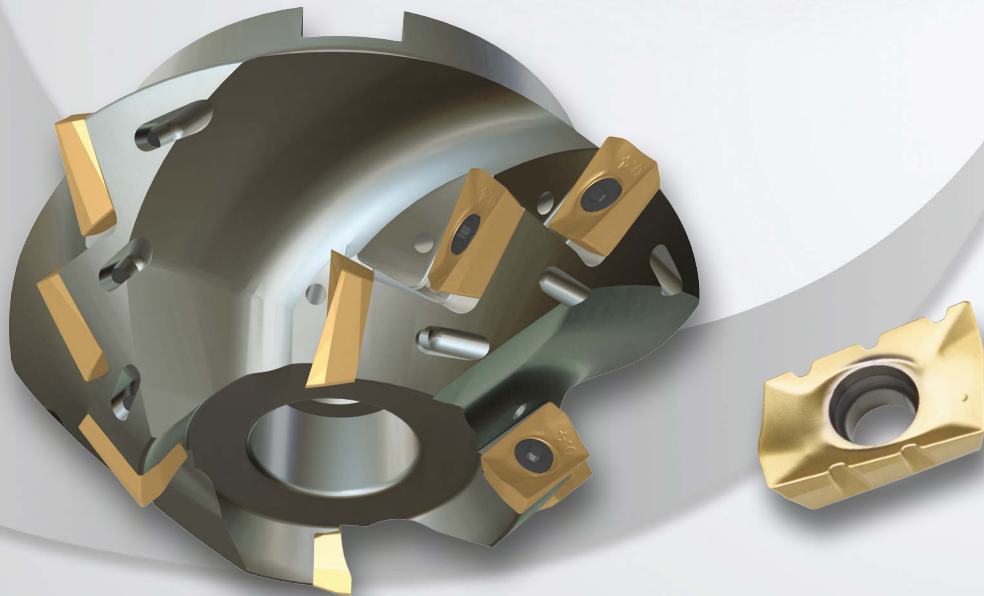


NEW

INNOTOOL

LOOK FORWARD



HIPOS PLUS

NEW CHAMFER CUTTER SERIES FB13DC10C

- Now also suited for chip splitter geometry •*
- 33% higher productivity •*
- Now with internal coolant supply •*

HIPOS PLUS CHAMFER CUTTER FB13DC10C

Product Overview

We decided to optimize our **full effective HiPosPlus chamfer cutters FB.045...**, which are successfully proven since many years, to meet the new demands of the market. Goal was to make a good product even better! Thus we have increased the effective number of teeth from 3 to 4, to optimize the productivity of the chamfer cutter. Now it is possible to use the **ZOMT13 insert**, too, which allows considerably higher chip removal rates and increases the number of effective teeth by 33%.

To achieve this, we have increased the tool diameter from $\varnothing 35$ mm to $\varnothing 45$ mm, so it is now corresponding with the finish chamfer cutter FB25D10.

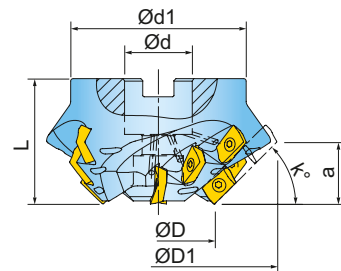
Especially when machining super alloys, which tend to built-up edges, an **internal coolant supply** is indispensable. Now we meet the customer's requirements in this point also.

Advantages of the new chamfer cutters:

features	previous chamfer cutter	new chamfer cutter
suitable for ZOMT13 insert	✗	✓
internal coolant supply	✗	✓
highest possible productivity	✗	✓
same diameter as finish chamfer cutter FB25D10	✗	✓

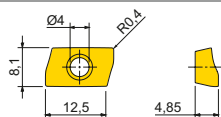
We will still produce the previous chamfer cutter version until further notice, however, only the new version will be listed in our milling catalog now.

ADAPTION ACC. TO DIN 8030

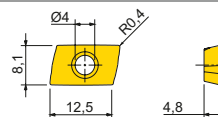


Designation	D	D1	d	d1	L	κ°	a	Z	Z _{eff}	IK	kg
FB.045.006	45	112,5	27	70	50	15	9	12	4	✓	1,70
FB.045.007	45	105,4	27	70	50	30	17,3	12	4	✓	1,40
FB.045.008	45	94,4	27	70	50	45	24,6	12	4	✓	1,10
FB.045.009	45	80,0	27	70	50	60	30,2	12	4	✓	0,81
FB.045.010	45	63,2	22	45	50	75	33,9	12	4	✓	0,43

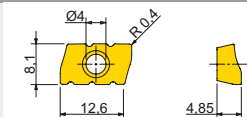
BOMT130404R



BOCT130404FR-P



ZOMT130404R



Designation	fz(min/max)	Design	grade	IN10K	IN2035	IN2504	IN2505	IN2530	IN4030	IN6535
BOMT130404R	0,12/0,20	positive geometry R0,4								
BOCT130404FR-P	0,05/0,25	non-ferrous-geometry, polished R0,4								
ZOMT130404R ¹⁾	0,12/0,20	chip splitter geometry R0,4								

¹⁾ Best results are achieved on tools with an even number of teeth. Please mount inserts alternating.

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



SM35-088-10 (3,0Nm) DS-T10S

① = Insert screw ② = Screw driver