

Advantages of GMO deburring cutters

- with a cutting angle of 45° or 25° ideal for any application
- ideal for deburring bent bore edges
- high quality carbide tool with special coating
- extrem high lifetime
- already insertable for bores from \varnothing 1.5 mm
- large tool range
- optionally with NC data set for difficult contours

GMO Deburring cutter



25°/45°
cutting angle



45°/45°
cutting angle



The GMO Deburring cutters

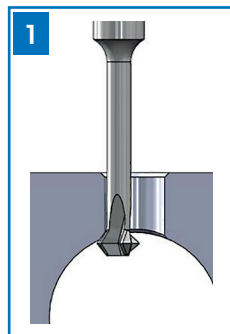
Assortment 45°/45°

Description	Bore-Ø [mm]	max. Bore depth [mm]	L1 [mm]	L2 [mm]	L3 [mm]	D1 Ø [mm]	D2 Ø [mm]	D3 Ø [mm]	W1 [deg.]	W2 [deg.]
EF10B	from 1.5	6.0	50	0.80	6.0	1.40	0.90	3.00	45	45
EF20B	from 2.0	7.5	50	1.05	7.5	1.90	1.20	3.00	45	45
EF25B	from 2.5	9.0	60	1.45	9.0	2.40	1.30	3.00	45	45
EF30B	from 3.0	11.0	70	1.55	11.0	2.85	1.70	3.00	45	45
EF40B	from 4.0	14.0	80	1.80	14.0	3.80	2.40	4.00	45	45
EF50B	from 5.0	17.0	100	2.25	17.0	4.80	3.00	5.00	45	45
EF60B	from 6.0	20.0	100	2.75	20.0	5.80	3.50	6.00	45	45

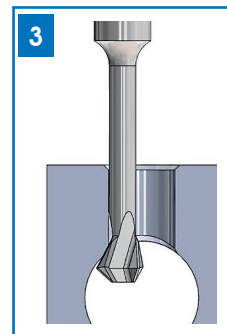
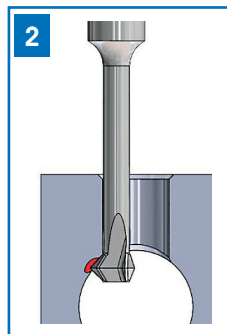
Assortment 25°/45°

Description	Bore-Ø [mm]	max. Bore depth [mm]	L1 [mm]	L2 [mm]	L3 [mm]	D1 Ø [mm]	D2 Ø [mm]	D3 Ø [mm]	W1 [deg.]	W2 [deg.]
EF10B W25	from 1.5	6.0	50	1.10	6.0	1.40	0.90	3.00	25	45
EF20B W25	from 2.0	7.5	50	1.45	7.5	1.90	1.20	3.00	25	45
EF25B W25	from 2.5	9.0	60	2.10	9.0	2.40	1.30	3.00	25	45
EF30B W25	from 3.0	11.0	70	2.20	11.0	2.85	1.70	3.00	25	45
EF40B W25	from 4.0	14.0	80	2.60	14.0	3.80	2.40	4.00	25	45
EF50B W25	from 5.0	17.0	100	3.30	17.0	4.80	3.00	5.00	25	45
EF60B W25	from 6.0	20.0	100	4.10	20.0	5.80	3.50	6.00	25	45

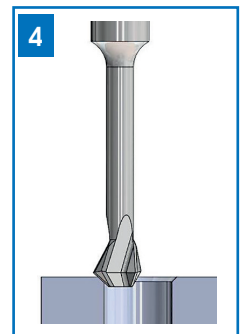
Application advantages of the deburring cutter 25° for small bore diameters



1. Is there an unfavorable ratio of the bore diameter between the longitudinal and the transverse bore, the risk of collision exists when deburring with a conventional cutting angle of 45° (Figure 2, red zone).



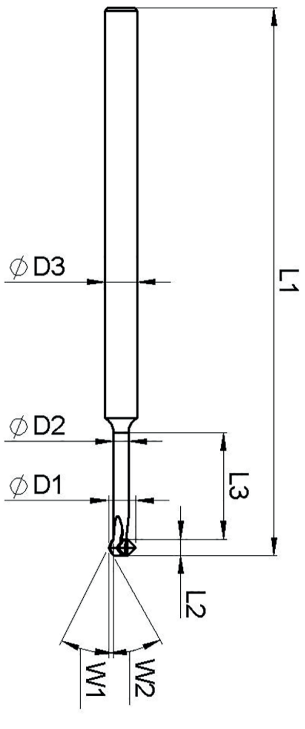
3. For deburring cutters with a cutting angle of 25° there is no danger of collision.



4. The cutting angle of the outer cutting edge is always 45°, also at the milling cutter with 25° internal cutting edge. This enables complete machining of the workpiece with just one tool.

Other angles and dimensions are also possible - special deburring cutters on request.

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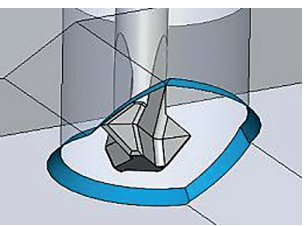
GMO-DATA

CNC data set suitable for your application!

With the help of a 3D-model or a component drawing, a CNC program is created individually for the contour to be deburred.

This means that even curved or asymmetrical contours can be cleanly deburred.

You will receive the finished contour data record and only need to insert it into the existing production program.



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