

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°
cutting angle



45°
cutting angle



The GMO Deburring cutters

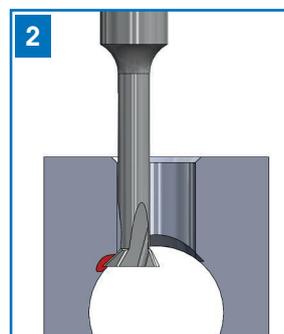
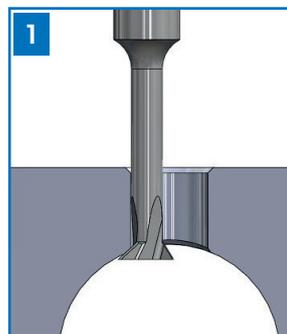
Assortment 45°

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.]
EF10	from 1.5	6.0	50	0.35	6.0	1.40	0.90	3.00	45
EF20	from 2.0	7.5	50	0.50	7.5	1.90	1.20	3.00	45
EF25	from 2.5	9.0	60	0.70	9.0	2.40	1.30	3.00	45
EF30	from 3.0	11.0	70	0.80	11.0	2.85	1.70	3.00	45
EF40	from 4.0	14.0	80	0.90	14.0	3.80	2.40	4.00	45
EF50	from 5.0	17.0	100	1.15	17.0	4.80	3.00	5.00	45
EF60	from 6.0	20.0	100	1.40	20.0	5.80	3.50	6.00	45

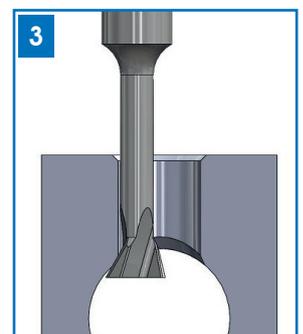
Assortment 25°

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.]
EF10 W25	from 1.5	6.0	50	0.65	6.0	1.40	0.90	3.00	25
EF20 W25	from 2.0	7.5	50	0.90	7.5	1.90	1.20	3.00	25
EF25 W25	from 2.5	9.0	60	1.35	9.0	2.40	1.30	3.00	25
EF30 W25	from 3.0	11.0	70	1.45	11.0	2.85	1.70	3.00	25
EF40 W25	from 4.0	14.0	80	1.70	14.0	3.80	2.40	4.00	25
EF50 W25	from 5.0	17.0	100	2.20	17.0	4.80	3.00	5.00	25
EF60 W25	from 6.0	20.0	100	2.70	20.0	5.80	3.50	6.00	25

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



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).



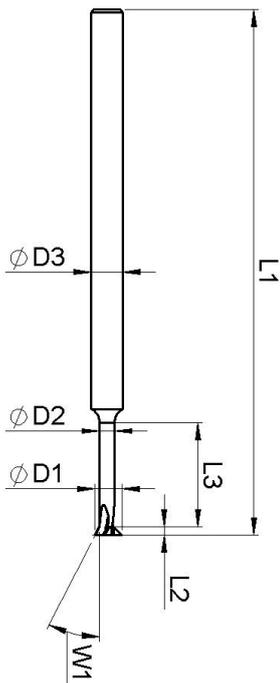
For deburring cutters with a cutting angle of 25° there is no danger of collision.

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

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GMOtools
Sonderwerkzeuge



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.

