

EWZ 10 DEBURRING TOOL HOLDER

Flexible deburring

Efficient and universal with BIAx

Wherever an edge cannot be followed precisely during machine deburring, the deburring tool holder comes into play. The 90° burr is guided over the edge by spring preload at an almost constant contact pressure. This axial compensation offsets inaccuracies, producing a largely uniform material removal. A classic application is the edges that arise between machined and unmachined surfaces on cast parts.



Mechanical
engineering



Renewable
energies



Automotive



Electronics



Optics



Precision
engineering



Toolmaking

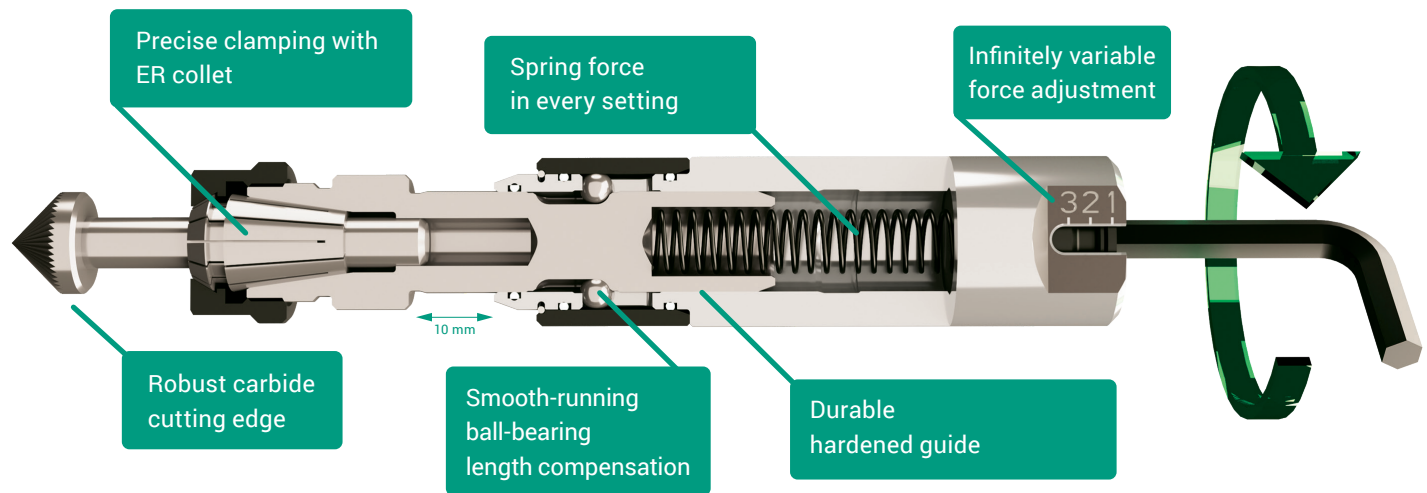
BIAX EWZ 10 Deburring Tool Holder

Features:

- Integrated pressure-adaptation technology to ensure constant quality
- Compensation of surface irregularities
- Deburring tool holder for mechanical engineering
- Compatible with common CNC machines
- Suitable for steel, aluminium and plastics

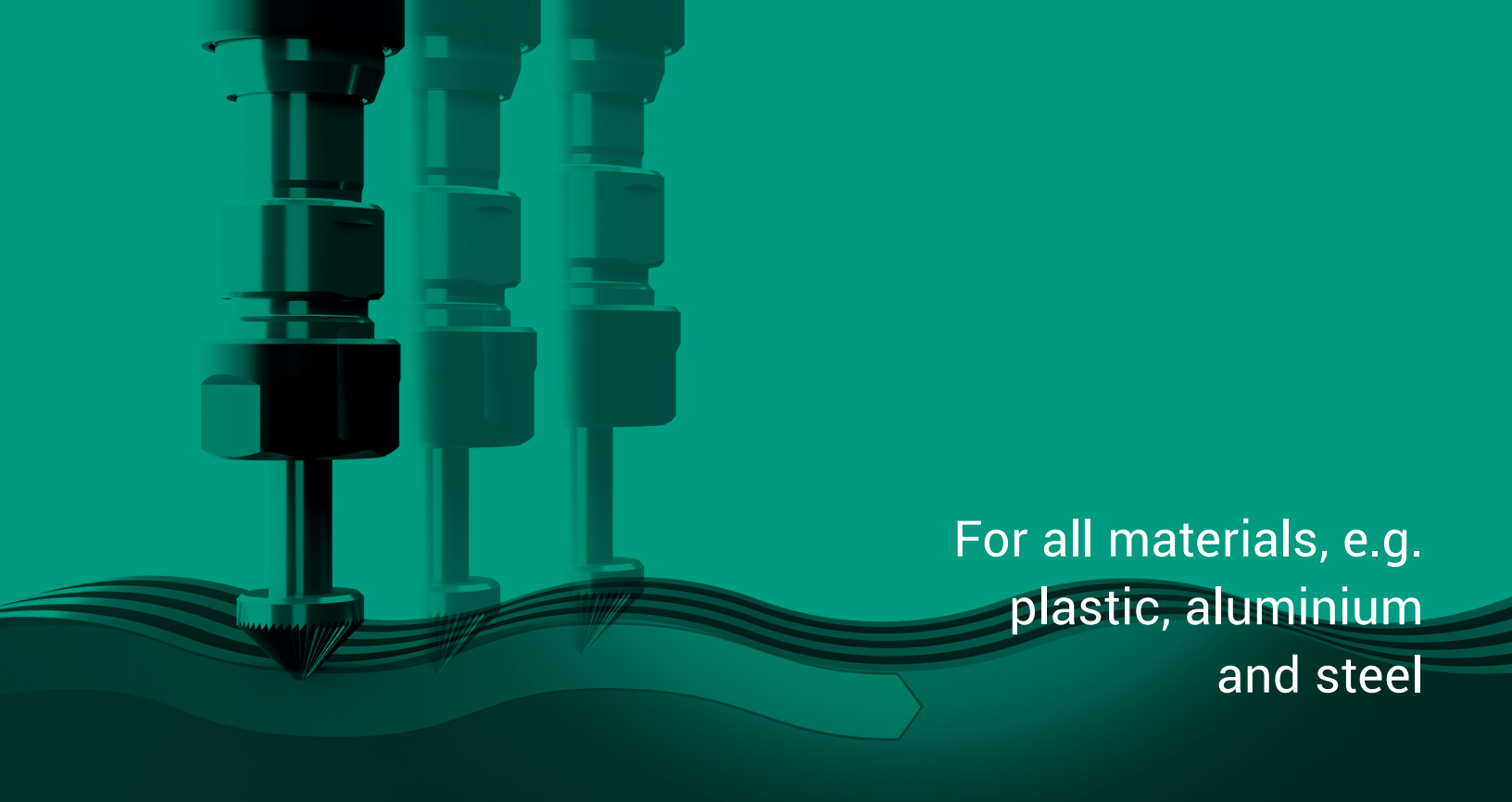
Benefits:

- Precise and repeatable deburring
- Universally applicable – compatible with common clamping systems (20 h6 shank)
- High flexibility – 10 mm spring travel under pressure, infinitely adjustable from 2.6 N to 6.0 N
- Deburring directly in the machine without manual rework
- Robust and durable – solid construction for series and single-part production
- Simple CNC programming (e.g. a bore instead of an ellipse)



Adjustment and forces

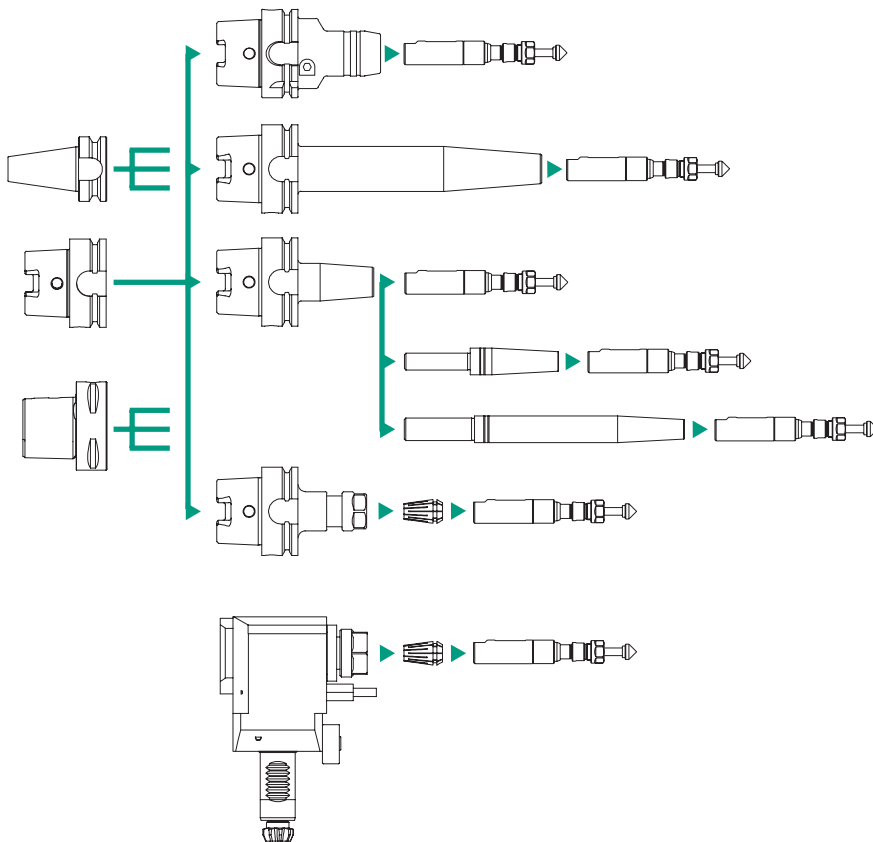
Force preset	Deflection (infeed depth)		
	0 mm	5 mm	10 mm
Pos. 1	2.6 N	3.7 N	4.8 N
Pos. 2	3.1 N	4.3 N	5.4 N
Pos. 3	3.7 N	4.8 N	6.0 N



For all materials, e.g.
plastic, aluminium
and steel

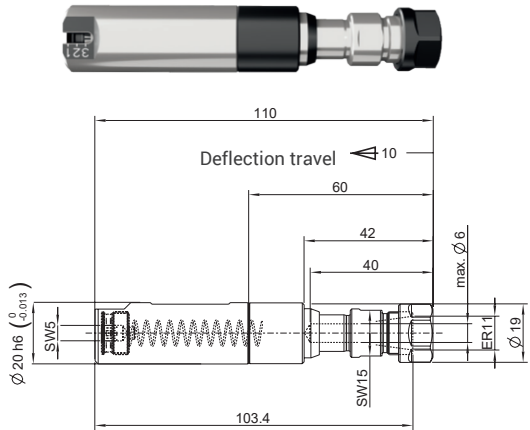
CLAMPING, GRIPPING, SHRINK-FITTING

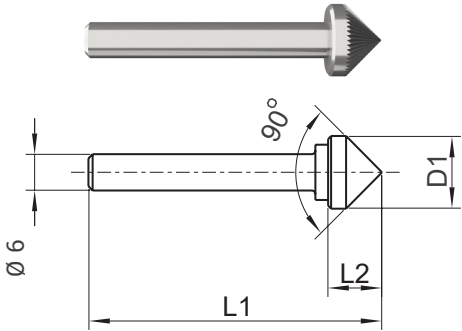
Many combination options to integrate our EWZ 10 deburring tool holder with your existing clamping devices seamlessly into your process.

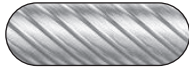


BIAX EWZ 10 Deburring Tool Holder

Flexible, universal deburring for the highest demands

Designation	Order no.	Deburring tool holder
BIAX EWZ 10 Deburring Tool Holder	001 985 537	
Collet ER11, D 6 mm	001 624 802	
Technical features ■ 20 h6 shank for modular use in all clamping devices ■ High-quality materials for robustness ■ Easy adjustment without special tools ■ ER11 collet seat for tools up to 7 mm shank diameter ■ Compensation under pressure: 10 mm ■ Pressure range adjustable from 2.6 N to 6.0 N		

Designation	D1	L1	L2	Order no.	Deburring tool
TCM 0606-2	6	50	5	001 952 173	
TCM 0606-3				001 952 174	
TCM 0606-5				001 952 175	
TCM 0606-63				001 952 176	
TCM 1006-2	10	55	10	001 952 264	
TCM 1006-3				001 952 265	
TCM 1006-5				001 952 266	
TCM 1006-63				001 952 267	
TCM 1606-2	16	58	13	001 952 779	
TCM 1606-3				001 952 431	
TCM 1606-5				001 952 346	
TCM 1606-63				001 952 432	

	Cut	Description	For materials
	Z 2 coarse single cut	High stock removal	Non-ferrous metals, plastics and non-ferrous heavy metals
	Z 3 medium single cut	For smoothing and deburring	Cast steel or similar materials
	Z 5 fine single cut	High surface finish	Steel, cast iron or titanium
	Z 63 double cut	Universally applicable	Hardened steels, grey cast iron and chromium-nickel steels