

Pipe deburrer, 90° HSS, three-cutter

For universal use up to 1000 N/mm²

ORION[®]

Application:

For manufacturing external and internal pipe deburrers in the steel, stainless steel, NF metal and (cast) material groups up to a strength of 1000 N/mm² in single part production.

Version:

- Profile-ground three-cutter counterbore and ground external counterbore ensure high requirements met around dimensional accuracy and process reliability

Advantage:

- Axially adjustable internal conical countersink for stepless adjustment to pipe diameter and wall thickness
- 3 cutters ensure the surface is smooth and chatter-free
- The two counterbore sections come apart for easy sharpening



Application	Steel (N/mm ²)			Stainless steel		Alu		Brass		Bronze		Plastics	Graphite G(C)FK	GG(G) G MW	Titan-alloy	Nickel-alloy	Super-alloy	Hard mat.		
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC	
	●	○				●	○	●	●	●	●	○		○						

Art. no.	11513 320
Countersink angle	90 Degree
Cutting material	HSS
Number of cutting edges	3 PCS
Surface	Uncoated
Construction size	4
Suitable for min./max. pipe outer diameter	16.0-27 mm
Suitable for min./max. pipe internal diameter	4.6-24 mm
Shaft diameter	16 mm
Outer diameter	32 mm
Tool holding device	HA parallel shank

EAN-Code

4039247040087