

# TUBOGRAT 48/60/K

Internal and external deburring device for tubes



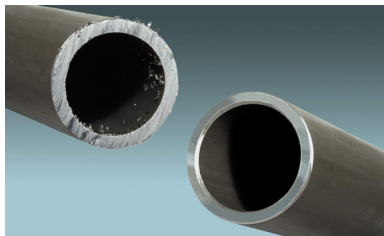
TUBOGRAT 48



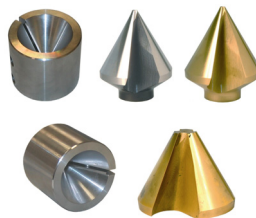
TUBOGRAT 60



TUBOGRAT K



The result: All the metal chips are clearly removed.



Special HSS deburring tools (TUBOGRAT 48, 60)



Deburring tools with adjustable depth stop (TUBOGRAT K)

## Features / Equipment

- Compact and rugged table-top unit for mobile and flexible utilisation
- Special deburring tools made from HSS (high-speed steel) for TUBOGRAT 48/60
- Special deburring tools with adjustable depth stop for generating defined chamfers (TUBOGRAT K)
- Clean internal and external deburring due to the fixed rotation speed of the deburring tools
- Integrated collecting box for metal chips
- User-friendly and easy to service

Technical Data	TUBOGRAT 48	TUBOGRAT 60	TUBOGRAT K
Tube diameter range	6 - 48 mm	20 - 60 mm	depends on tooling <sup>1</sup>
Tool rotation speed	140 min <sup>-1</sup> / 280 min <sup>-1</sup>	140 min <sup>-1</sup> / 280 min <sup>-1</sup>	140 min <sup>-1</sup> / 280 min <sup>-1</sup>
Dimensions (WxHxD)	440 x 250 x 310 mm	510 x 265 x 375 mm	510 x 265 x 470 mm
Weight, approx.	21 kg	33 kg	36 kg
Power requirement	0,12 kW	0,37 kW	0,37 kW

<sup>1</sup> deburring tools for different tube diameter ranges available

Subject to technical alteration • 2009-08



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