

ZOLLER Shrinking and Presetting Machine

Fast shrinking solution – »powerShrink«

Have you opted for tool shrinking fixtures in order to ensure perfect concentricity, extended tool life, and reduced tool costs in high-speed machining? Then get even more value for your money by eliminating any obstacles – heatshrink and cool tools quickly with the ZOLLER »powerShrink«, developed to suit all your needs.

»powerShrink« is an inductive shrinking machine which enables you to preset and shrink your tools to nominal lengths in record time.



ZOLLER »powerShrink« is your best bet for fast shrinking of tools next to your CNC machine
(Illustration: »powerShrink Comfort« 13kVA/VS)

powershrink

ZOLLER »powerShrink« is the inductive shrinking machine for HSS and hard metal tools enabling you to reduce setup time significantly in your production: your tools are shrunk in 10 seconds, max. In another 40 seconds, they are cooled and ready for production. In addition, ZOLLER »powerShrink« is designed for the shop floor and operator-optimized handling. Using it is so simple and reliable, and the flexibility of its modular design allows you to adjust it exactly to your production needs.

Technical Data:

Shrinkable tool diameter:

- »powerShrink Nano«: 3 - 16 mm
- »powerShrink Economic/Comfort«: 3 - 32 mm
- »powerShrink Profi«: 3 - 32 mm/ 40 - 50 mm

Maximum shrinking chuck length:

- »powerShrink Nano«: 340 mm
- »powerShrink Economic/Comfort/Profi«: 550 mm

Shrinkable tools:

- »powerShrink Nano«: HM/HSS
- »powerShrink Economic/Comfort/Profi«: HM/HSS

Shrink-time:

- approx. 6 – 10 Sec. (depending on tool diameter)

Cooling time:

- approx. 40 Sec. (depending on tool diameter)

	13kVA Inductor with Stop Disks D3-16	13kVA Inductor with Stop Disks D3-32	13kVA Adjustable Inductor D3-32	20kVA Inductor with Stop Disk 40-50	Rotary Plate	Water Cooler no. of Cooling Sockets	Air Cooler	Vertical / Horizontal Machine	Designable or Designable
»powerShrink Nano« 13kVA	X						Option	horizontal	
»powerShrink Economic« 13kVA		X					Option	vertical	Option
»powerShrink Economic Plus« 13kVA		X				X, 5		vertical	Option
»powerShrink Economic« 13kVA/VS			X				Option	vertical	Option
»powerShrink Economic Plus« 13kVA/VS			X			X, 5		vertical	Option
»powerShrink Comfort« 13kVA		X			X	X, 5		vertical	Option
»powerShrink Comfort« 13kVA/VS			X		X	X, 5		vertical	Option
»powerShrink Profi Plus« 20kVA/VS			D3-32 mm and D40-50 mm or D40-50 mm		X	X, 6		vertical	Option

Overview: ZOLLER »powerShrink« product line and equipment. ZOLLER »powerShrink« has a modular layout allowing you to customize your machine exactly to your production needs.

PRESETTING & MEASURING

SOFTWARE SOLUTIONS

INSPECTION & MEASURING

AUTOMATION SOLUTIONS



Rev. 2016-07-06 Vers. 02 / gp
Subject to technical changes

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