


Deep hole drilling in new dimensions

Deep hole drilling tool Type 01

NEW: from Ø 11.00 mm

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- For use on BAZ and deep hole drilling machine.
 - Stock program.
 - High performance deep hole drilling tool with a modern, user-friendly design.
 - Cutting inserts for high productivity and universal use.

Advantages:

- New, high performance deep hole drilling tools with a modern, user-friendly design.
- Very high operational efficiency combined with optimum cutting capacity.
- Very good drilling quality.
- New high performance cutting inserts 225S-91 for high productivity and process reliability.
- No regrinding needed.
- Cutting inserts and guide pads can be exchanged on the machine, with the simplest handling, without re-adjustment of the setting within ± 0.01 mm.

Application area:

- Ø 11.00 - 43.99 mm complete range, NEW: Ø 11.00 - 11.99 mm.
- For deep hole drilling machines at tool lengths up to 2,500 mm.
- For process-safe deep hole drilling on machining centres we recommend our rotating coolant connector
- Version with extended guide pads (Type 01-011) also suitable for crosshole drilling.





Please inquire with us. For more information visit www.botek.de

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DEEP HOLE DRILLING SYSTEMS
SOLID CARBIDE TOOLS

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Application examples:

Application	Automotive		Mold making	
Material	20MnCr5	X5CrNi18-10	40CrMnNiMo8-6-4	X37CrMoV5-1
	1.7147	1.4301	1.2738	1.2343
Tensile strength (N/mm²)	850	620	43HRC	1050
Drill-Ø (mm):	11.00	11.00	11.00	11.00
Cutting insert:	225S-91	225S-91	225S-91	225S-91
Vc (m/min):	90	80	75	80
Vf (mm/min):	230	200	186	200
Coolant pressure (bar):	70	85	70	70
				

Spare parts:

Drill-Ø	Drilling range	
	Type 01-001 Standard version with 2 guide pads	Type 01-011 Standard version with 4 guide pads
Ø (mm)		
11.00 - 11.49	01-111X-001	01-111X-011
11.50 - 11.99	01-112X-001	01-112X-011

Ordering example: 01-1113-001-11,00-1000-ZH16-31

