

SPINNER
**SB CNC - VDI 16
- TOEM**



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management





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Part-#	Name	
8 010 03 002	Axial drilling and milling head ER 11	
	Weight [kg]:	0.670
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 004	Axial drilling and milling head ER 16	
	Weight [kg]:	0.660
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 006	Axial drilling and milling head ER 16 AX IC	
	Weight [kg]:	1.000
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 011 02 001	Axial milling head arbor 10	
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 03 001	Axial drilling and milling head ER 11	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11

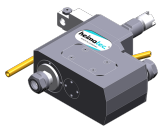
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Part-#	Name
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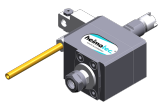
Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: same/opposite
 Coolant: EXT
 Offset [mm]: 44

8 019 03 002 Axial drilling and milling head ER 11



Weight [kg]: 1.950
 Notation: offset
 Employment for: Front and reverse operation
 Version: double spindle
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Shank type: VDI
 Tool adaption: ER 11
 Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: same/opposite
 Coolant: EXT
 Offset [mm]: 56

8 019 03 003 Axial drilling and milling head ER 11



Weight [kg]: 1.170
 Notation: offset
 Version: right
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Shank type: VDI
 Tool adaption: ER 11
 Gear ratio [i]: 1:2
 Torque max [Nm]: 3
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 20

8 019 04 009 Axial drilling and milling head ER 16

Weight [kg]: 1.950
 Notation: offset
 Employment for: Sub spindle
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Tool adaption: ER 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT

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SB CNC - VDI 16 - TOEM

Part-#	Name	
8 019 04 011	Axial drilling and milling head ER 16	
	Weight [kg]:	2.060
	Notation:	offset
	Employment for:	Front and reverse operation
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	with special rail
	Offset [mm]:	56
8 030 04 002	Radial drilling and milling head ER 16	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	39
8 030 04 004	Radial drilling and milling head ER 16 IC	
	Weight [kg]:	0.720
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	39
8 031 03 001	Radial milling head arbor 13	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

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Part-#	Name	
	Center distance [mm]:	39
8 033 03 003	Radial drilling and milling head ER 11	
	Weight [kg]:	1.220
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 03 006	Radial drilling and milling head ER 11	
	Weight [kg]:	1.210
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1,556
	Torque max [Nm]:	4
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 004	Radial drilling and milling head ER 16	
	Weight [kg]:	1.240
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 006	Radial drilling and milling head HT 2	
	Weight [kg]:	1.220
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000



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Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 007	Radial drilling and milling head ER 16 IC	
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
8 033 04 010	Radial drilling and milling head ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	3:1
	Torque max [Nm]:	18
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 037 03 001	Woodruff keycutter ER 11	
	Weight [kg]:	2.080
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
8 038 03 002	Radial drilling and milling head ER 11	
	Weight [kg]:	2.860
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same

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Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	90,5
8 040 03 001	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	2.020
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 040 04 001	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.040
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 200 00 000	Tool holder A2-16x 60	
	Weight [kg]:	0.640
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 000	Tool holder A1-16x 44	
	Weight [kg]:	1.280
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 001	Plug Z2-16 K	
	Weight [kg]:	0.014
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 002	Plug Z2-16 S	
	Shank size [mm]:	16.00
	Shank type:	VDI
8 210 02 000	Tool holder E2-16x 6	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext

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Part-#	Name	
8 210 03 000	Tool holder E2-16x 8	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 03 001	Short drill chuck VDI 16x 8	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	EXT
8 210 03 002	Short drill chuck VDI 16x 8 - IC	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	IC
8 210 03 003	Tool holder E4-16xER 11	
	Weight [kg]:	0.200
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Coolant:	IC
8 210 04 000	Tool holder E2-16x12	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 04 001	Tool holder E4-16xER 20	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Coolant:	IC
8 210 04 003	Tool holder E2-16x10	
	Weight [kg]:	0.340
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
8 210 04 004	Tool holder E4-16xER 16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Coolant:	IC
8 210 04 005	Tool holder E2-16x14	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext

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Part-#	Name	
8 210 05 000	Tool holder E2-16x16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 05 001	Tool holder E3-16x C 16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
8 210 06 000	Tool holder E2-16x20	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 214 01 000	Tool holder C3-16x12	
	Weight [kg]:	0.440
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 214 01 001	Tool holder C1-16x12	
	Weight [kg]:	0.500
	Employment for:	VDI 16
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 000	Tool holder B1-16x12x24	
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 001	Tool holder B3-16x12x24	
	Weight [kg]:	0.300
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 002	Tool holder B7-16x12x24	
	Weight [kg]:	0.420
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT

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SB CNC - VDI 16 - TOEM

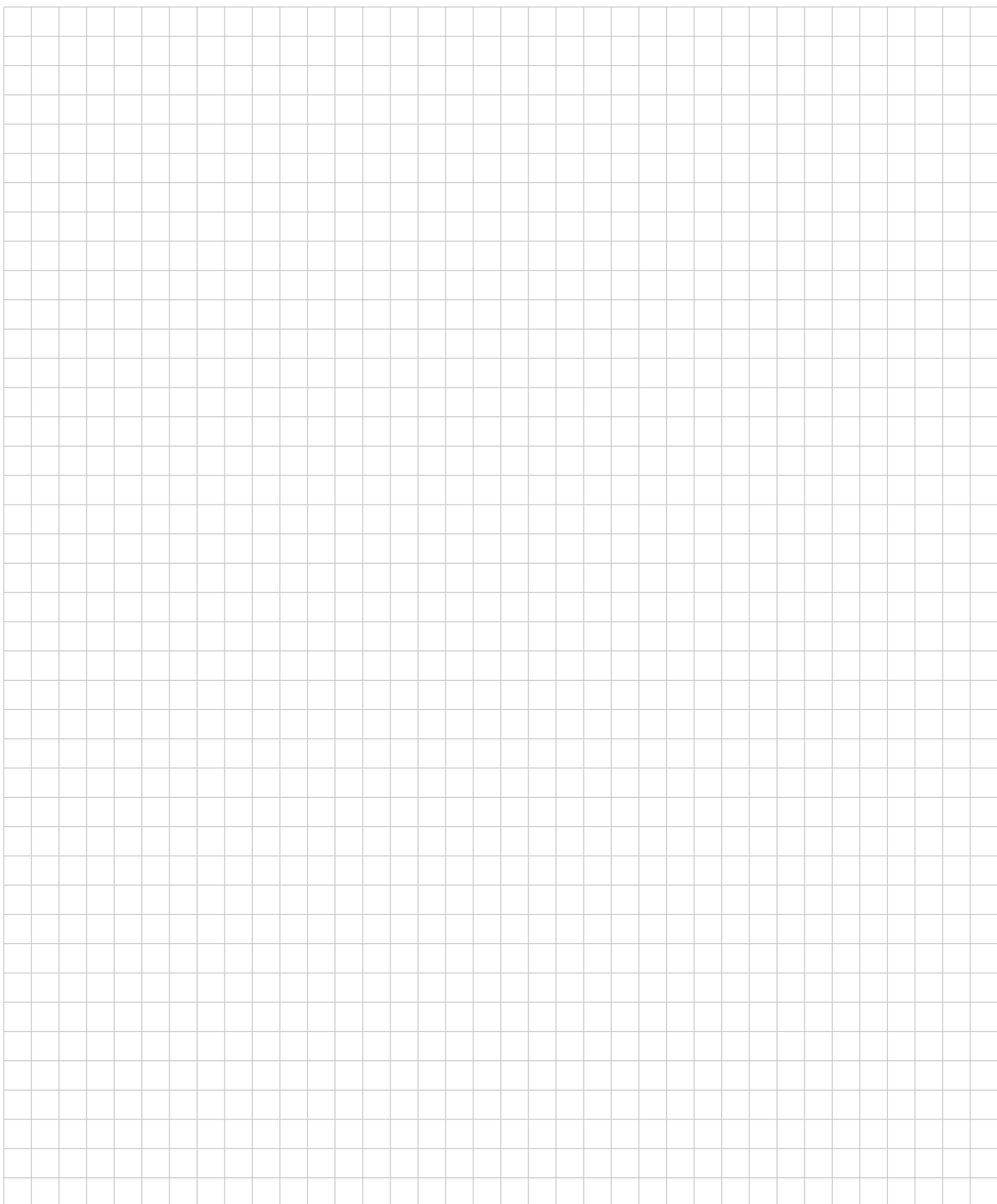
Part-#	Name	
8 234 01 003	Tool holder B5-16x12x24	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 004	Tool holder B3-16x12x34	
	Weight [kg]:	0.400
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 005	Tool holder B1-16x12x34	
	Weight [kg]:	0.380
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 006	Tool holder B5-16x12x34	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 007	Tool holder B7-16x12x34	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 262 07 000	Stock stop VDI 16 - Ø 28	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 08 000	Stock stop VDI 16 - Ø 35	
	Weight [kg]:	0.320
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 09 000	Stock stop VDI 16 - Ø 45	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm

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SB CNC - VDI 16 - TOEM

Part-#	Name	
8 267 09 000	Bar pick-up VDI 16 offset	
	Weight [kg]:	0.480
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Chuck jaws 18-36 mm special accessories
8 320 01 004	Cut-off holder, height adjustable SH 19	
	Weight [kg]:	0.560
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 19
	Coolant:	EXT
8 320 01 005	Tool holder height adjustable sq. 12	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 320 01 006	Tool holder height adjustable sq. 12 ÜK	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT





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