

Okuma  
**LB 4000 EX M -  
VDI**



# 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

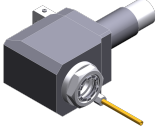
Digital tool management

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Part-#	Name	
<b>8 010 46 197</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 84
<b>8 010 46 212</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.700
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 84
<b>8 010 46 310</b>	<b>Axial drilling and milling head ER 32</b>	
	Weight [kg]:	3.570
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 84
<b>8 013 46 002</b>	<b>Axial drilling and milling head ER 32</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	3:1
	Torque max [Nm]:	75
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
<b>8 019 45 111</b>	<b>Axial milling head universal arbor 22</b>	
	Notation:	offset
	Version:	Special; left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1

Part-#	Name	
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 47 019</b>	<b>Axial drilling and milling head HT 5</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 47 020</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 030 46 357</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	5.680
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	69

Part-#	Name
<b>8 033 47 009</b>	<b>Radial drilling and milling head ER 40</b>
	Weight [kg]: 7.900
	Notation: offset
	Version: left
	Tool drive: Coupling
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 40
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 4000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 100
	Offset [mm]: 42
<b>8 037 49 026</b>	<b>Radial disk mill head shaft diameter 16-32</b>
	Weight [kg]: 13.460
	Version: left
	Tool drive: Coupling
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Interchangeable arbor
	Gear ratio [i]: 3:1
	Torque max [Nm]: 80
	Rotation max [1/min]: 2000
	Rotating direction: opposite
	Coolant: EXT
	Please note: without additional shank,price without arbor
	Center distance [mm]: 113
<b>8 040 44 081</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>
	Tool drive: Coupling
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 87
<b>8 040 44 091</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b>
	Tool drive: Coupling
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 12
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 87

Part-#	Name	
<b>8 040 45 061</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	5.510
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	87
<b>8 040 45 102</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	87
<b>8 102 54 012</b>	<b>Tool holder A Ø 50</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface A 50
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 200 40 000</b>	<b>Plug Z2-40 K</b>	
	Weight [kg]:	0.140
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 200 40 001</b>	<b>Plug Z2-40 S</b>	
	Weight [kg]:	1.360
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 202 43 000</b>	<b>Basic holder transversal set SZ 40</b>	
	Weight [kg]:	1.560
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT


Part-#	Name	
<b>8 206 42 000</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	3.530
	Version:	doubletoothed
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Please note:	Special
<b>8 208 49 001</b>	<b>Test mandrel VDI 40x40x200</b>	
	Weight [kg]:	3.020
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 208 49 003</b>	<b>Test mandrel VDI 40x40x300</b>	
	Weight [kg]:	4.020
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 210 41 000</b>	<b>Tool holder F 40-MK 1</b>	
	Weight [kg]:	1.600
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
<b>8 210 42 001</b>	<b>Tool holder F 40-MK 2</b>	
	Weight [kg]:	1.620
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
<b>8 210 43 000</b>	<b>Tool holder E2-40x 8</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
<b>8 210 43 002</b>	<b>Tool holder F 40-MK 3</b>	
	Weight [kg]:	1.520
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
<b>8 210 43 003</b>	<b>Short drill chuck VDI 40x 8</b>	
	Weight [kg]:	1.700
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 43 004</b>	<b>Short drill chuck VDI 40x 8 - IC</b>	
	Weight [kg]:	1.730
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC



Part-#	Name	
<b>8 210 44 001</b>	<b>Tool holder E2-40x10</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
<b>8 210 44 007</b>	<b>Tool holder F 40-MK 4</b>	
	Weight [kg]:	2.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
<b>8 210 44 008</b>	<b>Short drill chuck VDI 40x13</b>	
	Weight [kg]:	2.280
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 44 010</b>	<b>Tool holder E1-40x10</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
<b>8 210 44 011</b>	<b>Tool holder E1-40x12</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
<b>8 210 44 014</b>	<b>Short drill chuck VDI 40x13 - IC</b>	
	Weight [kg]:	2.290
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 44 019</b>	<b>Tool holder E2-40x10 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 44 020</b>	<b>Tool holder E2-40x12 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 45 000</b>	<b>Tool holder E2-40x16</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext

Part-#	Name	
8 210 45 002	<b>Tool holder E4-40xER 25</b> 	Weight [kg]: 1.570
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 25
		Coolant: IC
8 210 45 003	<b>Tool holder E1-40x16</b>	Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: Ø 16
		Coolant: IC
8 210 45 006	<b>Short drill chuck VDI 40x16</b>	Weight [kg]: 2.460
		Shank size [mm]: 40.00
		Shank type: VDI
		Coolant: EXT
8 210 45 009	<b>Short drill chuck VDI 40x16 - IC</b>	Weight [kg]: 2.320
		Shank size [mm]: 40.00
		Shank type: VDI
		Coolant: IC
8 210 45 020	<b>Tool holder ER 25 AX UT IC</b>	Weight [kg]: 1.860
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 25 A - u-tec
		Coolant: IC/Ext
8 210 46 000	<b>Tool holder E4-40xER 32</b> 	Weight [kg]: 1.640
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 32
		Coolant: IC
8 210 46 002	<b>Tool holder E2-40x20</b>	Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: Ø 20
		Coolant: IC/Ext
8 210 46 004	<b>Tool holder E1-40x20</b>	Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: Ø 20
		Coolant: IC

Part-#	Name	
<b>8 210 46 010</b>	<b>Tool holder E2-40x20 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 47 001</b>	<b>Tool holder E2-40x25</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
<b>8 210 47 004</b>	<b>Tool holder E4-40xER 40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
<b>8 210 47 005</b>	<b>Tool holder E1-40x25</b>	
	Weight [kg]:	1.840
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 210 47 012</b>	<b>Tool holder HT 5 IC</b>	
	Weight [kg]:	1.880
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
<b>8 210 48 001</b>	<b>Tool holder E2-40x32</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
<b>8 210 48 004</b>	<b>Tool holder E1-40x32</b>	
	Weight [kg]:	1.830
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
<b>8 210 48 012</b>	<b>Tool holder E2-40x32 special</b>	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	with end stop

Part-#	Name	
<b>8 210 49 000</b>	<b>Tool holder E2-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
<b>8 210 49 002</b>	<b>Tool holder E1-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
<b>8 210 49 003</b>	<b>Tool holder E1-40x50</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC
<b>8 210 49 005</b>	<b>Tool holder E2-40x50</b>	
	Weight [kg]:	3.000
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
<b>8 215 43 000</b>	<b>Tool holder C2-40x25</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 001</b>	<b>Tool holder C4-40x25</b>	
	Employment for:	VDI 40
	Version:	left
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 003</b>	<b>Tool holder C2-40x25 special</b>	
	Weight [kg]:	4.480
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 219 47 004</b>	<b>Boring bar holder ø 25</b>	
	Weight [kg]:	2.820
	Version:	left; offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext

Part-#	Name	
	Offset [mm]:	25
<b>8 219 48 006</b>	<b>Boring bar holder ø 32</b>	
	Version:	left, offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Offset [mm]:	30
<b>8 235 43 000</b>	<b>Tool holder B2-40x25x44</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 235 43 001</b>	<b>Tool holder B4-40x25x44</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 235 43 009</b>	<b>Tool holder B6-40x25x44 special</b>	
	Weight [kg]:	2.960
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 235 43 010</b>	<b>Tool holder B2-40x25x44 special</b>	
	Weight [kg]:	2.260
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 262 49 000</b>	<b>Stock stop VDI 40 - Ø 42</b>	
	Weight [kg]:	1.360
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 262 49 001</b>	<b>Stock stop VDI 40 - Ø 60</b>	
	Weight [kg]:	1.620
	Shank size [mm]:	40.00
	Shank type:	VDI

Part-#	Name	
<b>8 262 49 002</b>	<b>Stock stop VDI 40 - Ø 54</b>	
	Weight [kg]:	1.530
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 267 49 002</b>	<b>Bar pick-up VDI 40 offset left</b>	
	Weight [kg]:	2.080
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Please note:	Chuck jaws 62-85 mm special accessories
<b>8 320 42 018</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 43 009</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.480
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 49 005</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	2.700
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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**heimatec**<sup>®</sup>

**heimatec GmbH**  
Präzisionswerkzeuge  
Carl-Benz-Str. 4  
77871 Renchen  
Germany

T +49 7843 9466 0  
[www.heimatec.com](http://www.heimatec.com)  
[info@heimatec.com](mailto:info@heimatec.com)

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