

Okuma  
**LB 2000 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 24 062</b>	<b>Axial drilling and milling head ER 20</b>	
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 24 065</b>	<b>Axial drilling and milling head Weldon 12</b>	
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 24 075</b>	<b>Axial drilling and milling head Weldon 12 IC</b>	
	Weight [kg]:	1.800
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 25 025</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	1.560
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 25 060</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	1.800
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	25
<b>8 010 25 108</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	1.690
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 68
<b>8 010 25 134</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	1.680
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	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:	same
	Coolant:	EXT
	Please note:	round housing Ø 68, stronger bearing
<b>8 010 26 017</b>	<b>Axial drilling and milling head Weldon 20</b>	
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 68, stronger bearing
<b>8 011 25 010</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	1.880
	Tool drive:	Coupling
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
<b>8 011 26 005</b>	<b>Axial milling head universal arbor 27</b>	
	Weight [kg]:	1.960
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 019 25 071</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.980
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
<b>8 019 25 098</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.920
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
<b>8 030 25 130</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	2.940
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing



Part-#	Name	
	Center distance [mm]:	54
<b>8 033 25 005</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.700
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 033 25 019</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	4.090
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 033 25 027</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.700
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 033 26 030</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	3.660
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000

Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 033 26 052</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 038 25 004</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.380
	Notation:	Y-axes adjustable
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
<b>8 040 24 097</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.470
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	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 24 098</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	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



Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	87
<b>8 040 25 055</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	4.670
	Version:	left; at ±60° position can be pinned
	Tool drive:	Coupling
	Shank size [mm]:	30.00
	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>8 210 26 012</b>	<b>Tool holder HT 4 IC</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext





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