

Okuma  
**LU 2000 EX MW**  
**- BMT**



# 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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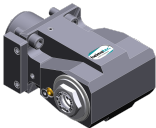
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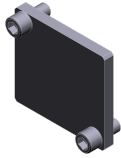
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Part-#	Name	
<b>8 010 66 071</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	3.840
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 66 072</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.810
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
<b>8 010 66 073</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; dryrun possible
<b>8 010 67 034</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing

Part-#	Name	
<b>8 011 66 013</b>	<b>Axial milling head universal arbor 27</b>	
	Weight [kg]:	4.050
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 019 66 009</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 030 66 091</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note reverse rotation! combi bearing
	Center distance [mm]:	70
<b>8 030 66 271</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.780
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	70

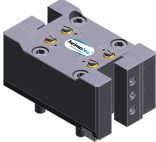



Part-#	Name		
	<b>8 030 66 272</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
		Weight [kg]:	8.250
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	60.00
		Shank type:	BMT
		Tool adaption:	ER 32 A - u-tec
		Gear ratio [i]:	1:1
		Torque max [Nm]:	70
		Rotation max [1/min]:	10000
		Rotating direction:	same
		Coolant:	IC/Ext
		Pressure max [bar]:	140
		Center distance [mm]:	70
	<b>8 030 67 038</b>	<b>Radial drilling and milling head HT 5</b>	
		Weight [kg]:	7.400
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	60.00
		Shank type:	BMT
		Tool adaption:	HT 5
		Gear ratio [i]:	1:1
		Torque max [Nm]:	70
		Rotation max [1/min]:	6000
		Rotating direction:	same
		Coolant:	EXT
		Please note:	stronger bearing
		Center distance [mm]:	70
	<b>8 030 67 039</b>	<b>Radial drilling and milling head HT 5 IC</b>	
		Weight [kg]:	8.070
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	60.00
		Shank type:	BMT
		Tool adaption:	HT 5
		Gear ratio [i]:	1:1
		Torque max [Nm]:	70
		Rotation max [1/min]:	6000
		Rotating direction:	same
		Coolant:	IC/Ext
		Pressure max [bar]:	140
		Please note:	stronger bearing
	Center distance [mm]:	70	
	<b>8 031 64 005</b>	<b>Radial polygon head arbor 16</b>	
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	60.00
		Shank type:	BMT
		Tool adaption:	Polygon arbor 16
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	opposite
		Coolant:	EXT
		Please note:	Combi bearing; reverse rotation note

Part-#	Name	
	Center distance [mm]:	70
<b>8 037 64 026</b>	<b>Radial disk mill head arbor 3/4"</b>	
	Weight [kg]:	7.990
	Version:	± 50° turnable; special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	no
	Center distance [mm]:	92
<b>8 037 64 036</b>	<b>Radial disk mill head arbor 3/4"</b>	
	Version:	± 50° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	no
	Center distance [mm]:	92
<b>8 037 64 038</b>	<b>Radial disk mill head arbor 3/4"</b>	
	Weight [kg]:	8.110
	Version:	± 45° turnable; special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	no
	Please note:	Check applicability!
	Center distance [mm]:	92
<b>8 039 65 016</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	9.950
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	110
<b>8 039 66 027</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.910
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	70
<b>8 200 63 000</b>	<b>Cover plate 91,0x100,0x 10,0</b>	
	Weight [kg]:	0.830
	Shank size [mm]:	60.00
	Shank type:	BMT
<b>8 202 00 015</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.560
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	16
<b>8 202 00 026</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.910
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	34,5
<b>8 209 04 000</b>	<b>Adapter for VDI 40</b>	
	Weight [kg]:	5.280
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	90

Part-#	Name	
<b>8 224 03 000</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	2.540
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
<b>8 224 03 001</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	2.300
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
<b>8 224 05 001</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	4.360
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 224 05 004</b>	<b>Universal turning holder sq. 1"</b>	
	Weight [kg]:	4.340
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 240 06 001</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	5.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Center distance [mm]:	90
<b>8 240 06 007</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	6.500
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	90

Part-#	Name	
<b>8 240 08 001</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	5.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
<b>8 240 08 007</b>	<b>Boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	5.720
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	90
<b>8 240 09 007</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	90
<b>8 244 05 001</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	6.160
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Please note:	only with MW machines for sub spindle
<b>8 244 05 011</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	9.125
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Please note:	only with MW machines for sub spindle
<b>8 251 05 000</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	6.760
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT

Part-#	Name	
<b>8 251 05 002</b>	<b>Combi double turning holder sq. 1"</b>	
	Weight [kg]:	6.770
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 251 05 011</b>	<b>Combi double turning holder sq. 25 IC</b>	
	Weight [kg]:	6.940
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
<b>8 253 08 000</b>	<b>Double boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	7.650
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/105
<b>8 253 09 000</b>	<b>Double boring bar holder Ø 40</b>	
	Weight [kg]:	7.450
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	50/105
<b>8 320 03 014</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.190
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 09 005</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

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