

Okuma

**LT 300 M/MY**



# 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 46 189</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.650
	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 46 190</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	3.460
	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 46 191</b>	<b>Axial drilling and milling head ER 32</b>	
	Weight [kg]:	3.490
	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>8 010 46 192</b>	<b>Axial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	3.720
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 84

Part-#	Name	
<b>8 010 47 095</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.450
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Round housing ø84
<b>8 010 47 096</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	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 47 119</b>	<b>Axial drilling and milling head ER 40</b>	
	Weight [kg]:	3.700
	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]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing; round housing ø 84
<b>8 019 44 001</b>	<b>Axial drilling and milling head Weldon 10</b>	
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1,555
	Torque max [Nm]:	5
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 019 44 002</b>	<b>Axial drilling and milling head Weldon 10</b>	
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1,555
	Torque max [Nm]:	10

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 030 44 026</b>	<b>Radial drilling and milling head Weldon 10 IC</b>	
	Weight [kg]:	7.440
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	without reverse rotation
	Center distance [mm]:	90
<b>8 030 45 028</b>	<b>Radial drilling and milling head ER 25</b>	
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	90
<b>8 030 46 050</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	7.750
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note reverse rotation!
	Center distance [mm]:	90
<b>8 030 46 056</b>	<b>Radial drilling and milling head ER 32 AX</b>	
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	90
<b>8 030 46 057</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.660
	Employment for:	Main spindle
	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]:	90
<b>8 030 46 101</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	6.660
	Version:	left
	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
	Center distance [mm]:	90
<b>8 030 46 132</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	6.800
	Version:	right
	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
	Center distance [mm]:	90
<b>8 030 46 162</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.800
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	90
<b>8 030 46 168</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	7.220
	Version:	left
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	without reverse rotation
	Center distance [mm]:	90
<b>8 030 46 177</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.800
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	90
<b>8 030 46 324</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.630
	Employment for:	Main spindle
	Version:	right
	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]:	90
<b>8 030 46 344</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.190
	Employment for:	Main spindle
	Version:	right
	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

Part-#	Name	
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	90
<b>8 030 47 052</b>	<b>Radial drilling and milling head ER 40</b>	
	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]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
<b>8 030 47 088</b>	<b>Radial drilling and milling head HT 5</b>	
	Weight [kg]:	7.380
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	90
<b>8 031 44 020</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	6.800
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	without reverse rotation
	Center distance [mm]:	90
<b>8 033 46 020</b>	<b>Radial drilling and milling head ER 32</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 033 46 022</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	7.900
	Notation:	offset
	Employment for:	Main spindle
	Version:	right
	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
	Center distance [mm]:	90
<b>8 033 46 034</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	8.760
	Notation:	offset
	Version:	right
	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:	IC/Ext
	Pressure max [bar]:	140
<b>8 037 49 008</b>	<b>Radial disk mill head shaft diameter 16-32</b>	
	Weight [kg]:	8.760
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,65:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	1500
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Price without arbor
	Center distance [mm]:	81
<b>8 039 46 003</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	8.360
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
<b>8 040 44 020</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	3.440
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	60
<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>8 230 46 006</b>	<b>Boring bar holder Ø 20</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	105
<b>8 230 47 020</b>	<b>Boring bar holder Ø 25</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	105
<b>8 230 48 014</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	105

Part-#	Name	
<b>8 230 49 021</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	6.060
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	105
<b>8 231 48 001</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	105
<b>8 231 49 003</b>	<b>Boring bar holder Ø 40</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	105
<b>8 234 45 003</b>	<b>Combi facing holder sq. 25/20</b>	
	Weight [kg]:	6.160
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 239 49 001</b>	<b>Double boring bar holder Ø 40</b>	
	Employment for:	Main- and sub spindle
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Fixation 180° reversible
	Center distance [mm]:	105
<b>8 250 46 000</b>	<b>Double tool holder C 4</b>	
	Weight [kg]:	6.240
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	EXT

Part-#	Name	
<b>8 251 45 003</b>	<b>Combi double turning holder sq. 25/20</b>	
	Weight [kg]:	5.420
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 320 43 010</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.440
	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 43 014</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal





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