

Mori Seiki

**NTX 3000 - BMT  
40**



# 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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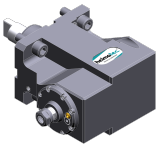
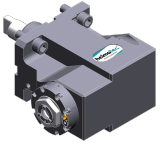
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Part-#	Name	
<b>8 010 45 177</b>	<b>Axial drilling and milling head ER 25 AS UT IC</b>	
	Weight [kg]:	3.540
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 45 190</b>	<b>Axial drilling and milling head ER 25 AS UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Dryrun possible
<b>8 010 46 158</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	4.230
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	stronger bearing
<b>8 010 46 254</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	4.230
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing

Part-#	Name	
	<b>8 010 46 279</b>	<b>Axial drilling and milling head C 4</b>
	Weight [kg]:	4.120
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check!
	<b>8 010 46 295</b>	<b>Axial drilling and milling head ER 32 AS UT</b>
	Weight [kg]:	2.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
Coolant:	EXT	
	<b>8 010 46 296</b>	<b>Axial drilling and milling head ER 32 AS UT IC</b>
	Weight [kg]:	3.690
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
Coolant:	IC/Ext	
Pressure max [bar]:	25	
	<b>8 010 46 300</b>	<b>Axial drilling and milling head HT 4 IC</b>
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible


Part-#	Name	
<b>8 010 46 306</b>	<b>Axial drilling and milling head ER 32 AS UT IC</b>	
	Weight [kg]:	3.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Dryrun possible
<b>8 013 43 000</b>	<b>Axial drilling and milling head ER 11</b>	
	Weight [kg]:	0.740
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	48000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 44 009</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	2.410
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 44 010</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
<b>8 019 45 178</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.330
	Notation:	offset
	Employment for:	Main spindle
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00


Part-#	Name	
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	100
<b>8 019 46 217</b>	<b>Axial drilling and milling head C 4 IC</b>	
	Weight [kg]:	9.060
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	39.90
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Offset [mm]:	110
<b>8 030 43 012</b>	<b>Radial drilling and milling head ER 11</b>	
	Weight [kg]:	6.790
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	48000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
<b>8 030 44 079</b>	<b>Radial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	6.860
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85

Part-#	Name	
<b>8 030 45 139</b>	<b>Angle-mill- and drill holder ER 25 AS UT</b>	
	Weight [kg]:	6.970
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
<b>8 030 45 195</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
<b>8 030 45 202</b>	<b>Radial drilling and milling head ER 25 AS UT</b>	
	Weight [kg]:	6.940
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
<b>8 030 45 573</b>	<b>Radial drilling and milling head ER 25 AS UT IC</b>	
	Weight [kg]:	7.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85


Part-#	Name	
<b>8 030 45 588</b>	<b>Radial drilling and milling head ER 25 AS UT</b>	
	Weight [kg]:	6.527
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
<b>8 030 46 320</b>	<b>Angle-mill- and drill holder ER 32 AS UT IC</b>	
	Weight [kg]:	7.000
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
<b>8 031 45 058</b>	<b>Radial milling head universal arbor 1"</b>	
	Weight [kg]:	7.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
<b>8 039 45 094</b>	<b>Radial drilling and milling head ER 25 AS UT</b>	
	Weight [kg]:	6.500
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
<b>8 043 44 009</b>	<b>Universal head +105°/-20° adj. ER16 AX UT</b>	
	Weight [kg]:	5.450
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	55
	Offset [mm]:	35
<b>8 043 45 009</b>	<b>Universal head +105°/-20° adj. ER25 AX UT</b>	
	Weight [kg]:	5.650
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	55
	Offset [mm]:	35
<b>8 043 45 012</b>	<b>Universal head +105°/-20° adj. ER25 AXUTIK</b>	
	Weight [kg]:	5.660
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	25
	Please note:	stronger bearing
	Center distance [mm]:	55
	Offset [mm]:	35

Part-#	Name	
<b>8 224 04 029</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	4.040
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 224 04 044</b>	<b>Universal turning holder sq. 20</b>	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 224 05 009</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 240 06 023</b>	<b>Collet chuck holder ER 32</b>	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	90
<b>8 240 07 063</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	6.180
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
<b>8 240 08 030</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	6.350
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	80
	Center distance [mm]:	100
<b>8 240 09 020</b>	<b>Boring bar holder Ø 40</b>	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
<b>8 244 04 009</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60
<b>8 244 05 007</b>	<b>Combi facing holder sq. 25</b>	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60
<b>8 249 08 003</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	8.590
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
<b>8 249 09 001</b>	<b>Double boring bar holder Ø 40</b>	
	Weight [kg]:	8.110
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100

Part-#	Name	
<b>8 251 03 005</b>	<b>Combi double turning holder sq. 3/4"</b>	
	Weight [kg]:	5.740
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm
<b>8 251 04 024</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	5.710
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 251 05 005</b>	<b>Combi double turning holder sq. 1"</b>	
	Weight [kg]:	5.860
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm
<b>8 251 05 006</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	5.860
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm
<b>8 251 45 010</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	5.880
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25

Part-#	Name	
	Coolant:	Sq. 25 Sq. 25 EXT
<b>8 259 04 005</b>	<b>Multiple turning holder 4x sq.20/ 3/4"</b>	
	Weight [kg]:	7.000
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20/3/4" (19,05mm) Sq. 20/3/4" (19,05mm) Sq. 20/3/4" (19,05mm) Sq. 20/3/4" (19,05mm)
	Coolant:	EXT
<b>8 320 02 023</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	2.030
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 03 033</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
<b>8 320 09 006</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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