

Mazak

# Megaturn Smart

# 500 M



# 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 77 002</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 77 003</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Weight [kg]:	6.630
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
<b>8 010 77 004</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 77 005</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 019 71 001</b>	<b>Axial drilling and milling head CHC</b>	
	Notation:	IC-300
	Version:	no Splash-protection
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	CHC
	Gear ratio [i]:	1:1,5

Part-#	Name	
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	no
	Center distance [mm]:	100
	Offset [mm]:	153,9
<b>8 030 77 002</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	100
<b>8 030 77 003</b>	<b>Radial drilling and milling head ER 40 AX UT IC</b>	
	Weight [kg]:	18.150
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	100
<b>8 030 77 006</b>	<b>Radial drilling and milling head ER 40 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 030 78 008</b>	<b>Radial drilling and milling head HT 6</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Please note:	Combi bearing
	Center distance [mm]:	100
<b>8 040 74 000</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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
	Please note:	Note swivel range!
	Center distance [mm]:	80
<b>8 040 74 001</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Note swivel range!
	Center distance [mm]:	80
<b>8 040 74 003</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	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
	Please note:	Note swivel range!
	Center distance [mm]:	80
<b>8 040 75 001</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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:	Note swivel range! stronger bearing
	Center distance [mm]:	80



Part-#	Name	
<b>8 040 75 002</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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]:	140
	Please note:	Note swivel range! stronger bearing
	Center distance [mm]:	80
<b>8 100 17 000</b>	<b>Tool holder radial ø17,1 / minus</b>	
	Employment for:	Angle handpiece or extension CN01
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Interface ø17,1 / M17x1
	Gear ratio [i]:	1:2
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	no
	Center distance [mm]:	100
<b>8 200 75 000</b>	<b>Cover plate 100,0x175,0x 12,0</b>	
	Shank size [mm]:	80.00
	Shank type:	BMT
<b>8 202 70 000</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	4.520
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	32
<b>8 214 75 002</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	7.300
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Sq. 25 Sq. 25
	Coolant:	EXT
<b>8 230 79 000</b>	<b>Boring bar holder Ø 50</b>	
	Weight [kg]:	12.020
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	120



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Part-#	Name	
<b>8 230 79 001</b>	<b>Boring bar holder Ø 2"</b>	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 230 79 002</b>	<b>Boring bar holder Ø 60</b>	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 230 79 003</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	12.560
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 234 75 004</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	12.270
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 320 73 000</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70



● heimatec overseas branches

○ global representations of heimatec

**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)

Please find the contact details of our worldwide trading partners on our website:  
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