

HAAS  
**ST-40S**



# 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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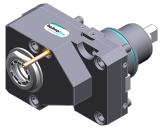
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Part-#	Name	
<b>8 010 67 039</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
<b>8 010 67 049</b>	<b>Axial drilling and milling head C 5</b>	
	Weight [kg]:	9.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 67 059</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	5.880
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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 67 099</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	5.770
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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>8 019 66 005</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	9.440
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec

Part-#	Name
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Gear ratio [i]: 1:2  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 10000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Offset [mm]: 60

**8 019 66 013**



**Axial drilling and milling head ER 32 AX UT**  
 Weight [kg]: 9.550  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 75.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Offset [mm]: 60

**8 019 66 077**

**Axial drilling and milling head ER 32 AX UT IC**  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 75.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 10000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Offset [mm]: 60

**8 030 65 086**

**Radial drilling and milling head ER 25 AX UT**  
 Weight [kg]: 9.190  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 75.00  
 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]: 100

Part-#	Name
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**8 030 67 071**



**Radial drilling and milling head ER 40 AX UT IC**

Weight [kg]:	14.160
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	75.00
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]:	140
Please note:	Combi bearing
Center distance [mm]:	90

**8 030 67 074**



**Radial drilling and milling head ER 40 AX UT**

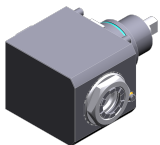
Weight [kg]:	13.920
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	75.00
Shank type:	BMT
Tool adaption:	ER 40 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	100
Rotation max [1/min]:	4000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	90

**8 030 67 105**

**Radial drilling and milling head ER 40 AX UT**


Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	75.00
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
Please note:	stronger bearing
Center distance [mm]:	60

**8 030 67 106**





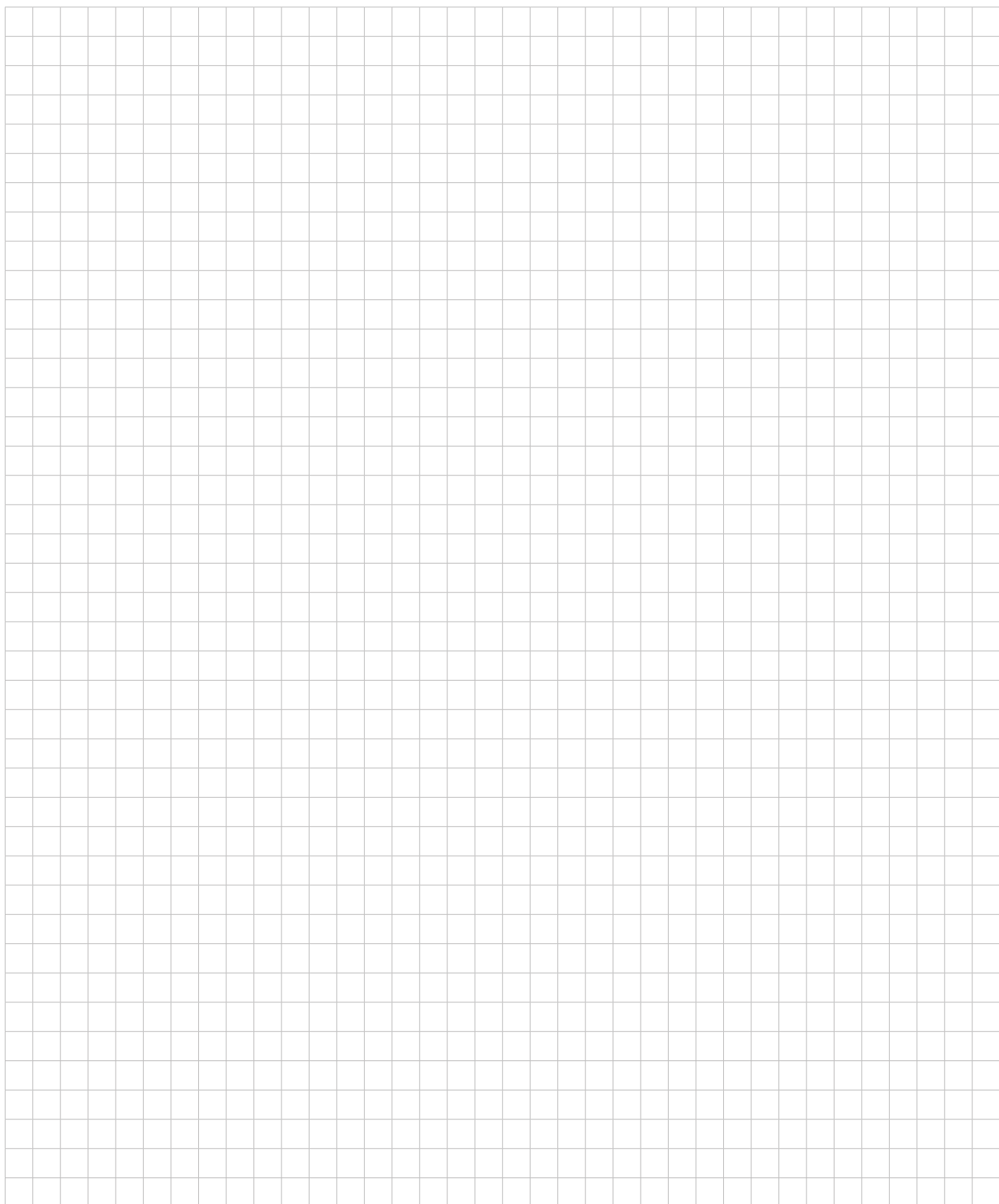
**Radial drilling and milling head ER 40 AX UT IC**

Weight [kg]:	14.040
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	75.00
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

Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	60
<b>8 030 68 048</b>	<b>Radial drilling and milling head HT 6 IC</b>	
	Weight [kg]:	14.080
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	60
<b>8 037 66 002</b>	<b>Radial disk mill head arbor 27</b>	
	Weight [kg]:	16.610
	Version:	± 45° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	Arbor 27
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	no
	Please note:	strong version; stronger bearing
	Center distance [mm]:	120
<b>8 040 65 024</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	7.840
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	ER 25 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]:	90
<b>8 202 20 014</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	25

Part-#	Name	
8 224 26 002	<b>Universal turning holder sq. 32/25</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 32
	Coolant:	EXT
8 224 26 008	<b>Universal turning holder sq. 1 1/4"/1"</b>	
	Weight [kg]:	7.010
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 1 1/4" (31,75mm) 1" (25,4mm)
	Coolant:	EXT
8 240 29 008	<b>Boring bar holder Ø 60</b>	
	Weight [kg]:	7.800
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 25
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	60
8 240 29 020	<b>Boring bar holder Ø 60</b>	
	Weight [kg]:	14.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 240 29 026	<b>Boring bar holder Ø 50</b>	
	Weight [kg]:	15.380
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 240 29 036	<b>Boring bar holder Ø 2 1/2"</b>	
	Weight [kg]:	14.080
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 2 1/2" (63,5mm)
	Coolant:	IC/Ext
	Center distance [mm]:	110

Part-#	Name	
8 240 29 051	<b>Boring bar holder Ø 2"</b>	
		<p>Weight [kg]: 15.460            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 25            Tool adaption: Ø 2" (50,8mm)            Coolant: IC/Ext            Center distance [mm]: 110</p>
8 244 25 002	<b>Combi facing holder sq. 25</b>	<p>Weight [kg]: 4.100            Shank type: BMT            Machine adaption: Centering key slot b 25            Tool adaption: Sq. 25            Coolant: EXT</p>
8 244 26 002	<b>Combi facing holder sq. 32/25</b>	<p>Weight [kg]: 14.750            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 25            Tool adaption: Sq. 32/25            Coolant: EXT            Please note: with spacer strip for sq. 25            Center distance [mm]: 105</p>
8 244 26 005	<b>Combi facing holder sq. 1 1/4"/1"</b>	<p>Weight [kg]: 14.780            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 25            Tool adaption: Sq. 1 1/4" (31,75mm) / sq. 1" (25,4mm)            Coolant: EXT            Please note: with spacer strip for sq. 1" (25,4mm)            Center distance [mm]: 105</p>
8 320 23 011	<b>Cut-off holder, height adjustable SH 32 IC</b>	
		<p>Weight [kg]: 3.290            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 25            Tool adaption: Clamshaft SH 32            Coolant: IC/Ext            Pressure max [bar]: 70</p>
8 320 23 025	<b>Cut-off holder, height adjustable SH 32 IC</b>	<p>Weight [kg]: 3.460            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 25            Tool adaption: Clamshaft SH 32            Coolant: IC/Ext            Pressure max [bar]: 70            Please note: Clamshaft internal</p>





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