

SMEC  
**SL 5500 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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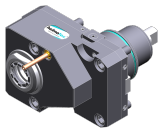
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Part-#	Name	
<b>8 010 67 039</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [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**

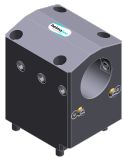

Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 75.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 10000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140 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


**8 030 67 104 Radial drilling and milling head ER 40 AX UT IC**



Weight [kg]: 15.720  
 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]: 110

Part-#	Name	
<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
<b>8 224 26 002</b>	<b>Universal turning holder sq. 32/25</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 32
	Coolant:	EXT
<b>8 224 26 008</b>	<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

Part-#	Name	
<b>8 240 29 020</b>	<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
<b>8 240 29 026</b>	<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
<b>8 240 29 036</b>	<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
<b>8 240 29 051</b>	<b>Boring bar holder Ø 2"</b>	
	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
<b>8 244 25 002</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	4.100
	Shank type:	BMT
	Machine adaption:	Centering key slot b 25
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
<b>8 244 26 002</b>	<b>Combi facing holder sq. 32/25</b>	
	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

Part-#	Name	
<b>8 244 26 005</b>	<b>Combi facing holder sq. 1 1/4"/1"</b>	
	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
<b>8 320 23 011</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	3.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 23 025</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	3.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal



● heimatec overseas branches

○ global representations of heimatec

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