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**VL 3**



# 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 45 085</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	Tool drive: Flat (~DIN 1809)
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 25 A - u-tec
		Gear ratio [i]: 1:1
		Torque max [Nm]: 80
		Rotation max [1/min]: 6000
		Rotating direction: same
		Coolant: EXT
<b>8 010 45 086</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	Tool drive: Flat (~DIN 1809)
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 25 A - u-tec
		Gear ratio [i]: 1:1
		Torque max [Nm]: 80
		Rotation max [1/min]: 6000
		Rotating direction: same
		Coolant: IC/Ext
Pressure max [bar]: 25		
<b>8 010 46 143</b>	<b>Axial drilling and milling head ER 32</b>	Weight [kg]: 5.070
		Tool drive: Flat (~DIN 1809)
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 32
		Gear ratio [i]: 1:1
		Torque max [Nm]: 80
		Rotation max [1/min]: 5000
		Rotating direction: same
Coolant: EXT		
Please note: Taper roller bearings		
<b>8 010 46 144</b>	<b>Axial drilling and milling head ER 32 IC</b>	Tool drive: Flat (~DIN 1809)
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: ER 32
		Gear ratio [i]: 1:1
		Torque max [Nm]: 80
		Rotation max [1/min]: 5000
		Rotating direction: same
		Coolant: IC/Ext
Pressure max [bar]: 25		
Please note: Taper roller bearings		
<b>8 010 47 054</b>	<b>Axial drilling and milling head HT 5 IC</b>	Tool drive: Flat (~DIN 1809)
		Shank size [mm]: 40.00
		Shank type: VDI
		Tool adaption: HT 5
		Gear ratio [i]: 1:1
		Torque max [Nm]: 80
Rotation max [1/min]: 6000		
Rotating direction: same		

Part-#	Name
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	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 47 078</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	5.200
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Taper roller bearings
<b>8 010 47 084</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	5.200
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Taper roller bearings
<b>8 010 47 099</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Taper roller bearings
<b>8 019 46 154</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.240
	Notation:	offset
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000


Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 040 44 034</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	87
<b>8 040 45 098</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	5.660
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
	Center distance [mm]:	87
<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>8 202 43 000</b>	<b>Basic holder transversal set SZ 40</b>	
	Weight [kg]:	1.560
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT

Part-#	Name	
<b>8 206 42 000</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	3.530
	Version:	doubletoothed
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Please note:	Special
<b>8 210 41 000</b>	<b>Tool holder F 40-MK 1</b>	
	Weight [kg]:	1.600
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
<b>8 210 42 001</b>	<b>Tool holder F 40-MK 2</b>	
	Weight [kg]:	1.620
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
<b>8 210 43 000</b>	<b>Tool holder E2-40x 8</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
<b>8 210 43 002</b>	<b>Tool holder F 40-MK 3</b>	
	Weight [kg]:	1.520
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
<b>8 210 43 003</b>	<b>Short drill chuck VDI 40x 8</b>	
	Weight [kg]:	1.700
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 43 004</b>	<b>Short drill chuck VDI 40x 8 - IC</b>	
	Weight [kg]:	1.730
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 44 001</b>	<b>Tool holder E2-40x10</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext

Part-#	Name	
<b>8 210 44 007</b>	<b>Tool holder F 40-MK 4</b>	
	Weight [kg]:	2.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
<b>8 210 44 008</b>	<b>Short drill chuck VDI 40x13</b>	
	Weight [kg]:	2.280
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 44 010</b>	<b>Tool holder E1-40x10</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
<b>8 210 44 011</b>	<b>Tool holder E1-40x12</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
<b>8 210 44 014</b>	<b>Short drill chuck VDI 40x13 - IC</b>	
	Weight [kg]:	2.290
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 44 019</b>	<b>Tool holder E2-40x10 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 44 020</b>	<b>Tool holder E2-40x12 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 45 000</b>	<b>Tool holder E2-40x16</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext

Part-#	Name		
	<b>8 210 45 002</b>	<b>Tool holder E4-40xER 25</b>	
		Weight [kg]:	1.570
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	ER 25
	Coolant:	IC	
	<b>8 210 45 003</b>	<b>Tool holder E1-40x16</b>	
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	Ø 16
		Coolant:	IC
	<b>8 210 45 006</b>	<b>Short drill chuck VDI 40x16</b>	
		Weight [kg]:	2.460
		Shank size [mm]:	40.00
		Shank type:	VDI
		Coolant:	EXT
	<b>8 210 45 009</b>	<b>Short drill chuck VDI 40x16 - IC</b>	
		Weight [kg]:	2.320
		Shank size [mm]:	40.00
		Shank type:	VDI
		Coolant:	IC
	<b>8 210 45 020</b>	<b>Tool holder ER 25 AX UT IC</b>	
		Weight [kg]:	1.860
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	ER 25 A - u-tec
		Coolant:	IC/Ext
	<b>8 210 46 000</b>	<b>Tool holder E4-40xER 32</b>	
		Weight [kg]:	1.640
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	ER 32
	Coolant:	IC	
	<b>8 210 46 002</b>	<b>Tool holder E2-40x20</b>	
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	Ø 20
		Coolant:	IC/Ext
	<b>8 210 46 004</b>	<b>Tool holder E1-40x20</b>	
		Shank size [mm]:	40.00
		Shank type:	VDI
		Tool adaption:	Ø 20
		Coolant:	IC

Part-#	Name	
<b>8 210 46 010</b>	<b>Tool holder E2-40x20 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 47 001</b>	<b>Tool holder E2-40x25</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
<b>8 210 47 004</b>	<b>Tool holder E4-40xER 40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
<b>8 210 47 005</b>	<b>Tool holder E1-40x25</b>	
	Weight [kg]:	1.840
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 210 47 012</b>	<b>Tool holder HT 5 IC</b>	
	Weight [kg]:	1.880
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
<b>8 210 48 001</b>	<b>Tool holder E2-40x32</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
<b>8 210 48 004</b>	<b>Tool holder E1-40x32</b>	
	Weight [kg]:	1.830
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
<b>8 210 48 012</b>	<b>Tool holder E2-40x32 special</b>	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	with end stop

Part-#	Name	
<b>8 210 49 000</b>	<b>Tool holder E2-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
<b>8 210 49 002</b>	<b>Tool holder E1-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
<b>8 210 49 003</b>	<b>Tool holder E1-40x50</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC
<b>8 210 49 005</b>	<b>Tool holder E2-40x50</b>	
	Weight [kg]:	3.000
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
<b>8 215 43 000</b>	<b>Tool holder C2-40x25</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 001</b>	<b>Tool holder C4-40x25</b>	
	Employment for:	VDI 40
	Version:	left
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 003</b>	<b>Tool holder C2-40x25 special</b>	
	Weight [kg]:	4.480
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 219 47 004</b>	<b>Boring bar holder ø 25</b>	
	Weight [kg]:	2.820
	Version:	left; offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext

Part-#	Name	
	Offset [mm]:	25
<b>8 219 48 006</b>	<b>Boring bar holder ø 32</b>	
	Version:	left, offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Offset [mm]:	30
<b>8 235 43 000</b>	<b>Tool holder B2-40x25x44</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 235 43 001</b>	<b>Tool holder B4-40x25x44</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 235 43 009</b>	<b>Tool holder B6-40x25x44 special</b>	
	Weight [kg]:	2.960
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 235 43 010</b>	<b>Tool holder B2-40x25x44 special</b>	
	Weight [kg]:	2.260
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 320 42 018</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	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:  
<https://heimatec.com/business-partners>