

SPINNER  
**TC 110-SMC**



# 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
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<b>8 010 56 033</b>	<b>Axial drilling and milling head ER 32 IC</b>	5.470
	Weight [kg]:	5.470
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 57 015</b>	<b>Axial drilling and milling head ER 40</b>	5.390
	Weight [kg]:	5.390
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 57 036</b>	<b>Axial drilling and milling head ER 40 IC</b>	5.590
	Weight [kg]:	5.590
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 57 083</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	5.120
	Weight [kg]:	5.120
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 57 084</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	5.280
	Weight [kg]:	5.280
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 u-tec
	Gear ratio [i]:	1:1



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Part-#	Name	
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 58 010</b>	<b>Axial drilling and milling head HT 6</b>	
	Weight [kg]:	5.360
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 58 011</b>	<b>Axial drilling and milling head HT 6 IC</b>	
	Weight [kg]:	5.570
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 011 55 011</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	5.350
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 011 56 006</b>	<b>Axial milling head universal arbor 27</b>	
	Weight [kg]:	7.120
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings

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Part-#	Name	
<b>8 013 54 021</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	3.520
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	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
	Please note:	round housing ø 98
<b>8 019 55 061</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	8.580
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 019 56 019</b>	<b>Axial drilling and milling head ER 32</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 56 027</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	8.200
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

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Part-#	Name	
<b>8 030 56 160</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	8.840
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	EXT
	Center distance [mm]:	105
<b>8 030 57 036</b>	<b>Radial drilling and milling head ER 40</b>	
	Weight [kg]:	9.060
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 030 57 037</b>	<b>Radial drilling and milling head ER 40 IC</b>	
	Weight [kg]:	9.530
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	105
<b>8 030 57 038</b>	<b>Radial drilling and milling head ER 40</b>	
	Weight [kg]:	10.020
	Employment for:	Sub spindle
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	140
<b>8 030 57 121</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	9.830
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 030 57 122</b>	<b>Radial drilling and milling head ER 40 AX UT IC</b>	
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 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
	Center distance [mm]:	105
<b>8 030 58 005</b>	<b>Radial drilling and milling head HT 6</b>	
	Weight [kg]:	9.700
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	105
<b>8 030 58 006</b>	<b>Radial drilling and milling head HT 6 IC</b>	
	Weight [kg]:	10.460
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1

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Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	105
<b>8 030 58 007</b>	<b>Radial drilling and milling head HT 6</b>	
	Employment for:	Sub spindle
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	140
<b>8 030 58 008</b>	<b>Radial drilling and milling head HT 6 IC</b>	
	Employment for:	Sub spindle
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	140
<b>8 030 58 035</b>	<b>Radial drilling and milling head Weldon 32 IC</b>	
	Weight [kg]:	10.480
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 32
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	105

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Part-#	Name	
<b>8 031 55 010</b>	<b>Radial milling head universal arbor 22</b>	
	Weight [kg]:	9.020
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 031 56 006</b>	<b>Radial milling head universal arbor 27</b>	
	Weight [kg]:	9.760
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	105
<b>8 039 56 010</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	13.320
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Pressure max [bar]:	140
	Please note:	stronger bearing
<b>8 039 57 004</b>	<b>Radial drilling and milling head ER 40</b>	
	Weight [kg]:	13.480
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000

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Part-#	Name	
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	140
<b>8 040 56 006</b>	<b>Universal head ± 90° adjustable ER 32</b>	
	Weight [kg]:	15.340
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	123
<b>8 040 57 007</b>	<b>Universal head ± 90° adjustable ER 40</b>	
	Weight [kg]:	15.480
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	123
<b>8 202 50 002</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	2.730
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 209 54 000</b>	<b>Adapter for VDI 40</b>	
	Weight [kg]:	7.920
	Version:	left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 209 54 001</b>	<b>Adapter for VDI 40</b>	
	Weight [kg]:	7.940
	Version:	left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40 both sides
	Coolant:	EXT
	Center distance [mm]:	105


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Part-#	Name	
<b>8 215 54 002</b>	<b>Tool holder C2-50x32 - special</b>	
	Weight [kg]:	5.790
	Version:	Left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
<b>8 215 54 003</b>	<b>Tool holder C4-50x32 - special</b>	
	Version:	Left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
<b>8 231 57 000</b>	<b>Collet chuck holder ER 40</b>	
	Weight [kg]:	9.370
	Version:	left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	140
<b>8 231 57 002</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	8.310
	Version:	right / left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	105
<b>8 231 58 000</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	8.080
	Employment for:	Heavy duty cutting
	Version:	right / left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	105
<b>8 231 59 000</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	7.800
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	105



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## TC 110-SMC

Part-#	Name	
	<b>8 231 59 001 Boring bar holder Ø 50</b>	8.580
	Weight [kg]:	8.580
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	demountable in right version
Center distance [mm]:	105	
8 239 57 001	<b>Double collet chuck holder ER 40</b>	9.750
	Weight [kg]:	9.750
	Employment for:	Main- and sub spindle
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
8 239 58 001	<b>Double boring bar holder Ø 32</b>	12.220
	Weight [kg]:	12.220
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
8 239 58 002	<b>Double tool holder HT 6</b>	140
	Employment for:	Main- and sub spindle
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Coolant:	IC/Ext
8 239 58 004	<b>Double tool holder HT 6</b>	140
	Employment for:	Main- and sub spindle
	Version:	Special
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
8 239 59 001	<b>Double boring bar holder Ø 40</b>	11.820
	Weight [kg]:	11.820
	Employment for:	Heavy duty cutting
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
8 239 59 001	Coolant:	IC/Ext
	Center distance [mm]:	140

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## TC 110-SMC

Part-#	Name	
<b>8 320 52 000</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 53 002</b>	<b>Cut-off holder, height adjustable SH 32</b>	
	Weight [kg]:	3.260
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
<b>8 320 53 003</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	3.260
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 59 000</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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