

SPINNER  
**TC 300-MC /  
MCY**



# 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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## TC 300-MC / MCY

Part-#	Name	
<b>8 010 25 098</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	2.360
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 25 099</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	2.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 26 037</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	2.580
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 26 038</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	2.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 011 24 015</b>	<b>Axial milling head universal arbor 16</b>	
	Weight [kg]:	2.460
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1

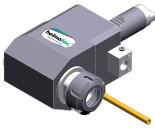

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Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
<b>8 011 25 013</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	2.580
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
<b>8 016 24 000</b>	<b>Axial drilling and milling head HT 2</b>	
	Notation:	offset; 180° reversible
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
<b>8 016 24 005</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	3.700
	Notation:	offset; 180° reversible
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 036 24 016</b>	<b>Radial drilling and milling head ER 16 AX UT</b>	
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT

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Part-#	Name	
	Center distance [mm]:	75
<b>8 036 24 020</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	3.630
	Version:	Special; doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
<b>8 036 25 010</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.200
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 036 25 011</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.600
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 036 25 025</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.410
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite

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## TC 300-MC / MCY

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 036 25 026</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.000
	Version:	doubletoothed; special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 036 25 047</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 036 26 033</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	3.230
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Fixation slide stone
	Center distance [mm]:	75
<b>8 040 24 042</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Version:	right
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!

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## TC 300-MC / MCY

Part-#	Name	
	Center distance [mm]:	65
<b>8 040 24 065</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Weight [kg]:	4.290
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	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
	Center distance [mm]:	85
<b>8 040 24 068</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.290
	Version:	right
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	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
	Center distance [mm]:	85
<b>8 200 20 001</b>	<b>Plug Z2-25 K</b>	
	Weight [kg]:	0.020
	Shank size [mm]:	25.00
	Shank type:	VDI
<b>8 200 20 004</b>	<b>Plug Z2-25 S</b>	
	Weight [kg]:	0.480
	Shank size [mm]:	25.00
	Shank type:	VDI
<b>8 200 22 000</b>	<b>Tool holder A1-25x 75</b>	
	Shank size [mm]:	25.00
	Shank type:	VDI
<b>8 202 20 011</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	0.800
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT

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## TC 300-MC / MCY

Part-#	Name	
<b>8 209 22 012</b>	<b>Adapter for VDI 25</b>	
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Center distance [mm]:	75
<b>8 209 22 014</b>	<b>Adapter for VDI 25</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Center distance [mm]:	75
<b>8 214 21 001</b>	<b>Tool holder C3-25x16</b>	
	Weight [kg]:	1.070
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 21 003</b>	<b>Tool holder C1-25x16/12</b>	
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 24 001</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	1.460
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Please note:	with reversible shaft
<b>8 230 25 008</b>	<b>Collet chuck holder ER 25</b>	
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
<b>8 230 27 024</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	2.860
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75




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## TC 300-MC / MCY

Part-#	Name	
<b>8 230 27 041</b>	<b>Boring bar holder Ø 30</b>	
	Weight [kg]:	2.770
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 30
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
<b>8 230 27 049</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	3.420
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	95
<b>8 230 27 054</b>	<b>Boring bar holder Ø 1"</b>	
	Weight [kg]:	2.850
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
<b>8 230 28 019</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 231 28 003</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 234 24 004</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	demountable in left version

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## TC 300-MC / MCY

Part-#	Name	
<b>8 236 26 006</b>	<b>Tool holder HT 4</b>	
	Notation:	180° reversible
	Version:	doubletoothed
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Fixation slide stone
	Center distance [mm]:	75
<b>8 236 27 014</b>	<b>Boring bar holder Ø 25</b>	
	Version:	doubletoothed
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	95
<b>8 253 25 001</b>	<b>Double boring bar holder Ø 16</b>	
	Weight [kg]:	4.900
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	70/105
<b>8 253 27 008</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	4.430
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	70/105
<b>8 262 29 015</b>	<b>Stock stop VDI 25 - Ø 60 OD turret</b>	
	Weight [kg]:	2.730
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Please note:	Lenght adjustable
	Center distance [mm]:	75
<b>8 320 23 014</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.370
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#	Name
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<b>8 320 23 020</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>
Weight [kg]:	1.540
Version:	universal
Shank size [mm]:	25.00
Shank type:	VDI
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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