

SPINNER

**TC 46-MC - VDI  
20 mit Zahnrad**



# 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

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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

**8 010 14 005****Axial drilling and milling head ER 16**

Weight [kg]: 0.950  
 Tool drive: Gear  
 Shank size [mm]: 20.00  
 Shank type: VDI  
 Tool adaption: ER 16  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 10  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 010 14 006****Axial drilling and milling head ER 20**

Weight [kg]: 0.940  
 Tool drive: Gear  
 Shank size [mm]: 20.00  
 Shank type: VDI  
 Tool adaption: ER 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 10  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 019 14 000****Axial drilling and milling head ER 20**

Notation: offset  
 Employment for: Main spindle  
 Tool drive: Gear  
 Shank size [mm]: 20.00  
 Shank type: VDI  
 Tool adaption: ER 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6300  
 Rotating direction: same  
 Coolant: EXT  
 Offset [mm]: 50

**8 019 14 001****Axial drilling and milling head ER 20**

Weight [kg]: 2.640  
 Notation: offset  
 Employment for: Sub spindle  
 Tool drive: Gear  
 Shank size [mm]: 20.00  
 Shank type: VDI  
 Tool adaption: ER 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Offset [mm]: 60

Part-#	Name	
<b>8 019 14 002</b>	<b>Axial drilling and milling head ER 20</b>	
	Weight [kg]:	2.140
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	60
<b>8 019 14 016</b>	<b>Axial drilling and milling head ER 20</b>	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	60
<b>8 030 14 005</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	1.540
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
<b>8 030 14 006</b>	<b>Radial drilling and milling head ER 16</b>	
	Weight [kg]:	1.480
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50

Part-#	Name	
<b>8 030 15 002</b>	<b>Radial drilling and milling head HT 3</b>	
	Weight [kg]:	1.510
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
<b>8 030 15 003</b>	<b>Radial drilling and milling head HT 3 IC</b>	
	Weight [kg]:	1.720
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	50
<b>8 031 14 002</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	1.560
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 033 14 005</b>	<b>Radial drilling and milling head ER 16</b>	
	Weight [kg]:	2.500
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
<b>8 033 14 007</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	2.140
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	70
<b>8 033 14 028</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Weight [kg]:	2.430
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	70
<b>8 033 15 002</b>	<b>Radial drilling and milling head HT 3 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	70
<b>8 040 14 000</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	2.020
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	63

Part-#	Name	
<b>8 200 10 000</b>	<b>Tool holder A2-20x 70</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 200 11 000</b>	<b>Plug Z2-20 S</b>	
	Weight [kg]:	0.380
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 200 11 001</b>	<b>Plug Z2-20 K</b>	
	Weight [kg]:	0.030
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 200 12 000</b>	<b>Tool holder A1-20x 65</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 208 19 000</b>	<b>Set up holder 20x40x100</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 210 11 000</b>	<b>Tool holder F 20-MK 1</b>	
	Weight [kg]:	0.720
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
<b>8 210 12 001</b>	<b>Tool holder E2-20x 6</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext
<b>8 210 12 002</b>	<b>Tool holder F 20-MK 2</b>	
	Weight [kg]:	0.720
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
<b>8 210 13 001</b>	<b>Tool holder E2-20x 8</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
<b>8 210 13 002</b>	<b>Short drill chuck VDI 20x 8</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 13 003</b>	<b>Short drill chuck VDI 20x 8 - IC</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	IC

Part-#	Name	
<b>8 210 13 005</b>	<b>Tool holder E4-20xER 11</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Coolant:	IC
<b>8 210 14 000</b>	<b>Short drill chuck VDI 20x13 - IC</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 14 001</b>	<b>Tool holder E4-20xER 16</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Coolant:	IC
<b>8 210 14 005</b>	<b>Tool holder E2-20x10</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
<b>8 210 14 007</b>	<b>Tool holder E1-20x10</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
<b>8 210 14 008</b>	<b>Tool holder E1-20x12</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
<b>8 210 14 009</b>	<b>Short drill chuck VDI 20x13</b>	
	Weight [kg]:	1.520
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 14 011</b>	<b>Tool holder E1-20x14</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC
<b>8 210 14 012</b>	<b>Tool holder E2-20x14</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext

Part-#	Name	
<b>8 210 15 000</b>	<b>Tool holder E2-20x16</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
<b>8 210 15 001</b>	<b>Tool holder E4-20xER 25</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
<b>8 210 15 002</b>	<b>Tool holder E1-20x16</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
<b>8 210 15 005</b>	<b>Tool holder E3-20x C 16</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
<b>8 210 15 007</b>	<b>Tool holder E2-20x18</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC/Ext
<b>8 210 15 008</b>	<b>Tool holder HT 3 IC</b>	
	Weight [kg]:	0.590
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Coolant:	IC/Ext
<b>8 210 16 000</b>	<b>Tool holder E2-20x20</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
<b>8 210 16 001</b>	<b>Tool holder E1-20x20</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC
<b>8 210 16 003</b>	<b>Tool holder E3-20x C 20</b>	
	Weight [kg]:	0.680
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 20
	Coolant:	IC

Part-#	Name	
<b>8 210 16 004</b>	<b>Tool holder E4-20xER 32</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC
<b>8 210 17 000</b>	<b>Tool holder E1-20x25</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 210 17 002</b>	<b>Tool holder E2-20x25</b>	
	Weight [kg]:	0.740
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
<b>8 214 11 000</b>	<b>Tool holder C1-20x16/55</b>	
	Weight [kg]:	0.900
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 11 001</b>	<b>Tool holder C1-20x16/50</b>	
	Weight [kg]:	1.140
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 11 002</b>	<b>Tool holder C3-20x16/55</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 11 003</b>	<b>Tool holder C3-20x16/50</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 000</b>	<b>Tool holder B1-20x16x30</b>	
	Weight [kg]:	0.560
	Employment for:	VDI 20
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT

Part-#	Name	
<b>8 234 11 001</b>	<b>Tool holder B3-20x16x30</b>	
	Weight [kg]:	0.570
	Employment for:	VDI 20
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 002</b>	<b>Tool holder B3-20x16x40</b>	
	Weight [kg]:	0.760
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 005</b>	<b>Tool holder B1-20x16x40</b>	
	Weight [kg]:	0.740
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 006</b>	<b>Tool holder B5-20x16x30</b>	
	Weight [kg]:	0.900
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 007</b>	<b>Tool holder B5-20x16x40</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 008</b>	<b>Tool holder B7-20x16x30</b>	
	Weight [kg]:	0.730
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 234 11 009</b>	<b>Tool holder B7-20x16x40</b>	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 262 17 000</b>	<b>Stock stop VDI 20 - Ø 28</b>	
	Weight [kg]:	0.340
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm

Part-#	Name	
<b>8 262 18 000</b>	<b>Stock stop VDI 20 - Ø 35</b>	
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
<b>8 262 19 000</b>	<b>Stock stop VDI 20 - Ø 45</b>	
	Weight [kg]:	0.530
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
<b>8 267 19 000</b>	<b>Bar pick-up VDI 20 offset</b>	
	Weight [kg]:	1.250
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
<b>8 320 12 021</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.000
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70





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