

Gildemeister  
**CTX 200 Serie 2**



# 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

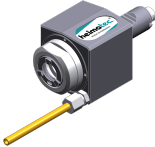

Tool systems for gear production

Digital tool management

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Part-#	Name	
<b>8 010 14 019</b>	<b>Axial drilling and milling head ER 20 AX UT</b>	
	Weight [kg]:	1.150
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 14 023</b>	<b>Axial drilling and milling head ER 20 IC air</b>	
	Tool drive:	DIN 5480
	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:	same
	Coolant:	IC air
	Pressure max [bar]:	10
<b>8 011 14 006</b>	<b>Axial milling head universal arbor 16</b>	
	Weight [kg]:	1.600
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 14 000</b>	<b>Axial drilling and milling head ER 16 AX</b>	
	Weight [kg]:	2.300
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
<b>8 019 14 010</b>	<b>Axial drilling and milling head ER 20</b>	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Offset [mm]:	60
<b>8 019 14 012</b>	<b>Axial drilling and milling head ER 16</b>	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	14
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	60
<b>8 019 14 013</b>	<b>Axial drilling and milling head ER 20</b>	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	14
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	60
<b>8 019 14 014</b>	<b>Axial tapping head ER 20</b>	
	Weight [kg]:	2.440
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	14
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	for reverse operation
<b>8 019 14 017</b>	<b>Axial drilling and milling head ER 20</b>	
	Notation:	offset
	Employment for:	Front operation
	Tool drive:	DIN 5480
	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:	same

Part-#	Name	
	Coolant:	EXT
	Offset [mm]:	60
<b>8 030 14 025</b>	<b>Radial drilling and milling head ER 20</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6,5
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 030 14 027</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6,5
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 030 14 029</b>	<b>Radial drilling and milling head ER 16 AX</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	4
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 030 14 031</b>	<b>Radial drilling and milling head ER 16 AX IC</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	4
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 030 14 039</b>	<b>Radial drilling and milling head ER 16</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 033 14 022</b>	<b>Radial drilling and milling head ER 20</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6,5
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
<b>8 033 14 023</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6,5
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
<b>8 033 14 024</b>	<b>Radial drilling and milling head ER 20 IC air</b>	
	Weight [kg]:	2.940
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6,5
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext-air
<b>8 219 16 002</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	2.200
	Notation:	offset
	Employment for:	Main- and sub spindle
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Offset [mm]:	60

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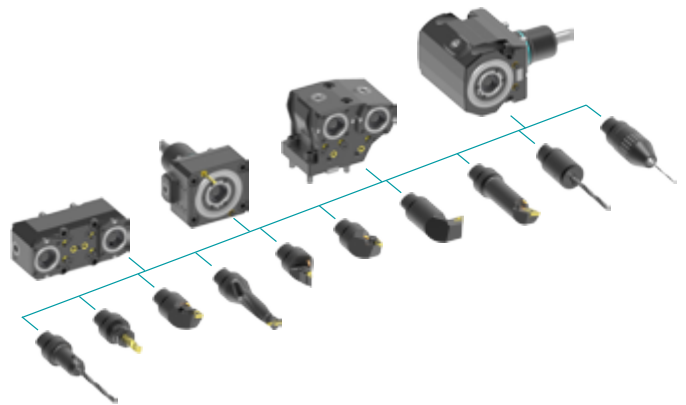
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