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# 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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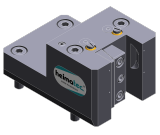
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Part-#	Name	
<b>8 010 44 019</b>	<b>Axial drilling and milling head ER 20 M</b>	
	Weight [kg]:	2.190
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 45 035</b>	<b>Axial drilling and milling head ER 25 M IC</b>	
	Weight [kg]:	2.560
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 45 038</b>	<b>Axial drilling and milling head ER 25 M</b>	
	Weight [kg]:	2.200
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 45 058</b>	<b>Axial drilling and milling head ER 25 M IC</b>	
	Weight [kg]:	2.580
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing

Part-#	Name	
<b>8 011 44 005</b>	<b>Axial milling head universal arbor 16</b>	
	Weight [kg]:	2.480
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 011 45 013</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	2.580
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 030 44 012</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	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]:	55
<b>8 030 44 019</b>	<b>Radial drilling and milling head ER 16</b>	
	Weight [kg]:	4.660
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	55

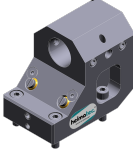

Part-#	Name
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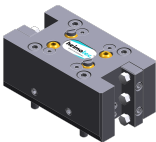
<b>8 030 44 022</b>	<b>Radial drilling and milling head ER 20 AX</b>	4.700 180° reversible Bevel gear 45.00 BMT ER 20 A 1:2 12 12000 opposite EXT 55
<b>8 030 45 060</b>	<b>Radial drilling and milling head ER 25 IC</b>	4.100 180° reversible Bevel gear 45.00 BMT ER 25 1:1 25 6000 opposite IC/Ext 140 55
		
<b>8 030 45 178</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	5.350 180° reversible Bevel gear 45.00 BMT ER 25 A - u-tec 1:1 50 6000 opposite EXT Check applicability! 65
<b>8 040 44 014</b>	<b>Universal head ± 90° adjustable ER 16</b>	3.140 Bevel gear 45.00 BMT ER 16 1:1 10 6000 same EXT 55

Part-#	Name	
<b>8 043 44 013</b>	<b>Universal head +105°/-20° adj. ER16 AX UT</b>	
	Weight [kg]:	5.860
	Notation:	offset
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	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
	Please note:	180° reversible
	Center distance [mm]:	50
	Offset [mm]:	35
<b>8 043 45 003</b>	<b>Universal head +105°/-20° adj. Weldon 16</b>	
	Weight [kg]:	6.090
	Notation:	offset; 180° reversible
	Version:	Special
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16 special
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
<b>8 202 00 010</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 224 03 016</b>	<b>Universal turning holder sq. 3/4" IC</b>	
	Weight [kg]:	2.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail


Part-#	Name	
<b>8 224 04 000</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
<b>8 224 04 035</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	IC
<b>8 224 04 068</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	2.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 229 05 004</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	2.980
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65
<b>8 229 05 005</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	1.590
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

Part-#	Name	
<b>8 240 05 034</b>	<b>Boring bar holder Ø 16</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 05 059</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	4.130
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
<b>8 240 05 060</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	3.190
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
<b>8 240 06 034</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 07 038</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 07 050</b>	<b>Boring bar holder Ø 1 1/4 "</b>	
	Weight [kg]:	3.790
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75


Part-#	Name	
8 240 08 000	<b>Boring bar holder Ø 32</b> 	Weight [kg]: 3.740
		Notation: offset
8 240 08 046	<b>Boring bar holder Ø 32</b>	Shank type: BMT
		Machine adaption: Centering bolt ø 12
		Tool adaption: Ø 32
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 3.940
		Notation: 180° reversible
8 240 08 074	<b>Boring bar holder Ø 1 1/2"</b>	Shank type: BMT
		Machine adaption: Centering bolt ø 12
		Tool adaption: Ø 1 1/2" (38,1mm)
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 4.000
		Shank type: BMT
8 240 09 002	<b>Boring bar holder Ø 40</b> 	Machine adaption: Centering bolt Ø 12
		Tool adaption: Ø 40
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 2.660
		Version: offset
		Shank type: BMT
8 240 09 013	<b>Boring bar holder Ø 40</b>	Machine adaption: Centering bolt Ø 12
		Tool adaption: Ø 40
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 3.950
		Shank type: BMT
		Machine adaption: Centering bolt Ø 12
8 244 04 019	<b>Combi facing holder sq. 20</b>	Tool adaption: Sq. 20
		Coolant: EXT
		Weight [kg]: 3.700
		Shank type: BMT
		Machine adaption: Centering bolt ø 12
8 249 05 008	<b>Double tool holder C 3 IC</b>	Tool adaption: heimatec Capto(TM) C 3
		Machine adaption: Centering bolt ø 12
		Shank type: BMT
		Version: right
		Employment for: Main- and sub spindle
		Weight [kg]: 4.860

Part-#	Name	
		heimatec Capto(TM) C 3 IC Check applicability; note tool length! 80
<b>8 250 05 002</b>	<b>Multiple tool holder C 3 IC</b>	
	Coolant:	
	Please note:	
	Center distance [mm]:	
	Weight [kg]:	2.140
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27 27
<b>8 250 05 003</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	3.730
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65 65
<b>8 251 03 002</b>	<b>Combi double turning holder sq. 3/4"IC</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 04 002</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	EXT


Part-#	Name	
<b>8 251 04 003</b>	<b>Combi double turning holder sq. 3/4"</b>	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
<b>8 251 04 059</b>	<b>Combi double turning holder sq. 20 IC</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 253 07 000</b>	<b>Double boring bar holder <math>\varnothing</math> 25</b>	
	Weight [kg]:	2.320
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 25
		$\varnothing$ 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 253 07 003</b>	<b>Multiple boring bar holder <math>\varnothing</math> 1"</b>	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 1" (25,4mm)
		$\varnothing$ 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 253 07 004</b>	<b>Double boring bar holder <math>\varnothing</math> 1"</b>	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 1" (25,4mm)
		$\varnothing$ 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85

Part-#	Name	
8 253 07 006	<b>Double boring bar holder Ø 25</b>	
		
	Weight [kg]:	3.710
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 259 01 006	<b>Multiple turning holder 4x sq. 20</b>	
	Weight [kg]:	4.700
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 05 001	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	5.590
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length! not
	Offset [mm]:	65
		65
8 259 05 002	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	6.330
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80

Part-#	Name	
<b>8 259 05 003</b>	<b>Multiple tool holder C 3 IC</b>	
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
	Offset [mm]:	+32 -32
<b>8 259 05 004</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	4.390
	Notation:	180° reversible
	Version:	right; offset; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
<b>8 259 05 005</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	4.210
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!; not
	Offset [mm]:	27 27
<b>8 259 05 006</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	2.840
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

Part-#	Name	
8 259 05 007	<b>Multiple tool holder C 3 IC</b>	
		<p>Weight [kg]: 4.000            Notation: 180° reversible            Version: right; Y-axes offset            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: heimatec Capto(TM) C 3                                      heimatec Capto(TM) C 3            Coolant: IC            Pressure max [bar]: 100            Please note: Check applicability; note tool length!            Offset [mm]: 65</p>
8 259 09 001	<b>Multiple holder ø25 and sq. 20</b>	<p>Weight [kg]: 3.980            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: ø25/ sq. 20                                      ø25/ sq. 20            Coolant: IC/Ext            Center distance [mm]: 50/85</p>
8 261 08 000	<b>Tool holder for centering insert</b>	<p>Weight [kg]: 5.270            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt Ø 12            Tool adaption: Ø 32            Coolant: EXT            Please note: Price without centering point            Center distance [mm]: 55</p>
8 320 02 017	<b>Cut-off holder, height adjustable SH 26 IC</b>	<p>Weight [kg]: 1.410            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: Clampshaft SH 26            Coolant: IC/Ext            Pressure max [bar]: 70</p>
8 320 02 018	<b>Cut-off holder, height adjustable SH 26 IC</b>	<p>Weight [kg]: 1.560            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: Clampshaft SH 26            Coolant: IC/Ext            Pressure max [bar]: 70            Please note: Clampshaft internal</p>

Part-#	Name
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<b>8 320 09 003</b>	<b>Cut-off holder, height adjustable 845 IC</b>
Weight [kg]:	1.390
Notation:	180° reversible
Shank type:	BMT
Machine adaption:	Centering bolt ø 12
Tool adaption:	 System 845
Coolant:	IC
Pressure max [bar]:	70



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