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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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Part-#	Name	
	8 010 45 035	Axial drilling and milling head ER 25 M IC
	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	
	8 010 45 038	Axial drilling and milling head ER 25 M
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	
	8 010 45 058	Axial drilling and milling head ER 25 M IC
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	
	8 011 44 005	Axial milling head universal arbor 16
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	

Part-#	Name	
8 011 45 013	Axial milling head universal arbor 22	
	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
8 030 44 012	Radial drilling and milling head ER 20 IC	
	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
8 030 44 019	Radial drilling and milling head ER 16	
	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
8 030 44 022	Radial drilling and milling head ER 20 AX	
	Weight [kg]:	4.700
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A
	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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8 030 45 060



Radial drilling and milling head ER 25 IC

Weight [kg]: 4.100
 Notation: 180° reversible
 Tool drive: Bevel gear
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25
 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

8 030 45 178

Radial drilling and milling head ER 25 AX UT

Weight [kg]: 5.350
 Notation: 180° reversible
 Tool drive: Bevel gear
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability!
 Center distance [mm]: 65

8 031 45 017


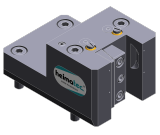
Radial milling head universal arbor 22




Weight [kg]: 3.780
 Notation: 180° reversible
 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: opposite
 Coolant: EXT
 Center distance [mm]: 55

8 040 44 014

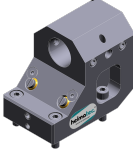

Universal head ± 90° adjustable ER 16


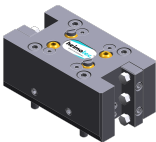
Weight [kg]: 3.140
 Tool drive: Bevel gear
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 10
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 55

Part-#	Name	
8 043 44 013	Universal head +105°/-20° adj. ER16 AX UT	
	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
8 043 45 003	Universal head +105°/-20° adj. Weldon 16	
	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
8 202 00 010	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 03 016	Universal turning holder sq. 3/4" IC	
	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	
8 224 04 000	Universal turning holder sq. 20	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 224 04 035	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	IC
8 224 04 068	Universal turning holder sq. 20 IC	
	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
8 229 05 004	Tool holder C 3 IC	
	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
8 229 05 005	Tool holder C 3 IC	
	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	
8 240 05 034	Boring bar holder Ø 16	
	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
8 240 05 059	Tool holder C 3 IC	
	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
8 240 05 060	Tool holder C 3 IC	
	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
8 240 06 034	Boring bar holder Ø 20	
	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
8 240 07 038	Boring bar holder Ø 25	
	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
8 240 07 050	Boring bar holder Ø 1 1/4 "	
	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	Boring bar holder Ø 32	
	Weight [kg]:	3.740
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 046	Boring bar holder Ø 32	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 074	Boring bar holder Ø 1 1/2"	
	Weight [kg]:	4.000
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 09 002	Boring bar holder Ø 40	
	Weight [kg]:	2.660
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 09 013	Boring bar holder Ø 40	
	Weight [kg]:	3.950
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 244 04 019	Combi facing holder sq. 20	
	Weight [kg]:	3.700
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 249 05 008	Double tool holder C 3 IC	
	Weight [kg]:	4.860
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3

Part-#	Name	
		heimatec Capto(TM) C 3 IC Check applicability; note tool length! 80
8 250 05 002	Multiple tool holder C 3 IC	
	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
8 250 05 003	Multiple tool holder C 3 IC	
	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
8 251 03 002	Combi double turning holder sq. 3/4"IC	
	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
8 251 04 002	Combi double turning holder sq. 20	
	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	
8 251 04 003	Combi double turning holder sq. 3/4"	
	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
8 251 04 059	Combi double turning holder sq. 20 IC	
	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
8 253 07 000	Double boring bar holder \varnothing 25	
	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
8 253 07 003	Multiple boring bar holder \varnothing 1"	
	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
8 253 07 004	Double boring bar holder \varnothing 1"	
	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	Double boring bar holder Ø 25	
		<p>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</p>
8 259 01 006	Multiple turning holder 4x sq. 20	<p>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 Sq. 20 Coolant: EXT</p>
8 259 09 001	Multiple holder ø25 and sq. 20	<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	Tool holder for centering insert	<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>
8 263 09 000	Tool holder with rotating centering point	<p>Weight [kg]: 4.070 Notation: 180° reversible Shank type: BMT Machine adaption: Centering bolt ø 12 Rotation max [1/min]: 6000 Coolant: EXT Please note: Taper roller bearings Center distance [mm]: 75</p>

Part-#	Name	
8 263 09 007	Tool holder with rotating centering point	
	Weight [kg]:	6.410
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Center distance [mm]:	85
8 320 02 017	Cut-off holder, height adjustable SH 26 IC	
	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
8 320 02 018	Cut-off holder, height adjustable SH 26 IC	
	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
8 320 09 003	Cut-off holder, height adjustable 845 IC	
	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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