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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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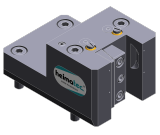
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Part-#	Name	
8 010 44 019	Axial drilling and milling head ER 20 M	
	Weight [kg]:	2.190
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
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

Part-#	Name	
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
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

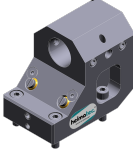

Part-#	Name
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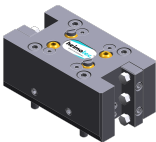
8 030 44 022	Radial drilling and milling head ER 20 AX	4.700 180° reversible Bevel gear 45.00 BMT ER 20 A 1:2 12 12000 opposite EXT 55
8 030 45 060	Radial drilling and milling head ER 25 IC	4.100 180° reversible Bevel gear 45.00 BMT ER 25 1:1 25 6000 opposite IC/Ext 140 55
		
8 030 45 178	Radial drilling and milling head ER 25 AX UT	5.350 180° reversible Bevel gear 45.00 BMT ER 25 A - u-tec 1:1 50 6000 opposite EXT Check applicability! 65
8 040 44 014	Universal head ± 90° adjustable ER 16	3.140 Bevel gear 45.00 BMT ER 16 1:1 10 6000 same EXT 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 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:	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 ø 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 Ø 25	
	Weight [kg]:	2.320
	Notation:	offset, 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
8 253 07 003	Multiple boring bar holder Ø 1"	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 004	Double boring bar holder Ø 1"	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85

Part-#	Name			
8 253 07 006	Double boring bar holder Ø 25	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	Multiple turning holder 4x sq. 20	4.700
				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 09 001	Multiple holder ø25 and sq. 20	3.980		
		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		
		8 261 08 000	Tool holder for centering insert	5.270
				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				
8 320 02 017	Cut-off holder, height adjustable SH 26 IC	1.410		
		Weight [kg]: 1.410		
		Notation: 180° reversible		
		Shank type: BMT		
		Machine adaption: Centering bolt ø 12		
		Tool adaption: Clampschaft SH 26		
		Coolant: IC/Ext		
		Pressure max [bar]: 70		

Part-#	Name	
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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