TOOL CATALOGUE

heimatec®

Muratec

MT 12

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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 subsiiary 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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The current version of our General Terms and Conditions can be found on our website.

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Part-#	Name	
8 010 45 174	**Axial drilling and milling head ER 25 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	EXT
8 010 45 175	**Axial drilling and milling head ER 25 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 45 219	**Axial drilling and milling head ER 25 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
8 010 45 223	**Axial milling and drill holder Weldon 5/8"**	
	Weight [kg]:	3.700
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 5/8" (15,875mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 010 46 220	**Axial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	2.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000

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Part-#	Name	
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 46 255	**Axial-Bohr and milling head ER 32 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 46 266	**Axial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	2.400
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 46 326	**Axial milling and drill holder ER 32 AX UT**	
	Weight [kg]:	3.380
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 019 45 060	**Axial drilling and milling head ER 25**	
	Weight [kg]:	5.780
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

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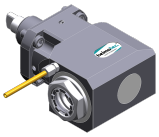
Part-#	Name	
8 019 45 197	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.700
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	72
8 019 45 198	**Axial drilling and milling head ER 25 AX UT IC**	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	72
8 030 46 374	**Radial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	7.160
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	100
8 030 46 402	**Radial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	7.500
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	100
8 030 46 532	**Radial drilling and milling head Weldon 20 IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	100
8 039 46 093	**Radial drilling and milling head ER 32 AX UT**	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 040 44 022	**Universal head ± 90° adjustable ER 16**	
	Weight [kg]:	3.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	81
8 040 44 106	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	87
8 202 40 011	**Basic holder longitudinal seat FN 12**	
	Weight [kg]:	2.050
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	40
8 214 44 006	**Universal turning holder sq. 20**	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	140
8 239 48 022	**Double boring bar holder Ø 32**	
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	95
8 251 44 002	**Combi double turning holder sq. 20**	
	Weight [kg]:	5.890
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 41 000	**Multiple turning holder sq. 20/ 3/4"**	
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Sq. 20/ 3/4" (19,05)
		Sq. 20/ 3/4" (19,05)
	Coolant:	EXT
	Pressure max [bar]:	140
8 320 43 012	**Cut-off holder, height adjustable SH 32 IC**	
	Weight [kg]:	2.670
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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