

Mazak
QT SMART 250
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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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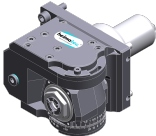
Part-#	Name	
8 010 66 074	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	3.480
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 66 075	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	3.720
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 66 086	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	3.660
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	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:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 67 076	Axial drilling and milling head HT 5	
	Weight [kg]:	3.670
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing

Part-#	Name	
8 010 67 077	Axial drilling and milling head HT 5 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 013 64 010	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.370
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
8 019 65 018	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	8.450
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 66 020	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	6.820
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	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:	stronger bearing
	Offset [mm]:	50


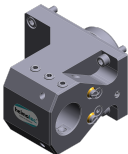

Part-#	Name	
8 019 66 021	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	8.340
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 030 65 053	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	7.200
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	80
8 030 65 082	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	6.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	80
8 030 66 093	Radial drilling and milling head ER 32 AX UT	
	Weight [kg]:	8.520
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	80







Part-#	Name		
	8 030 66 094	Radial drilling and milling head ER 32 AX UT IC	
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	68.00
		Shank type:	BMT
		Tool adaption:	ER 32 A - u-tec
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	8000
		Rotating direction:	opposite
		Coolant:	IC/Ext
	Pressure max [bar]:	140	
	Center distance [mm]:	80	
	8 030 67 097	Radial drilling and milling head HT 5 IC	
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	68.00
		Shank type:	BMT
		Tool adaption:	HT 5
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	5000
		Rotating direction:	opposite
		Coolant:	IC/Ext
	Pressure max [bar]:	140	
	Please note:	Combi bearing	
	Center distance [mm]:	80	
	8 031 66 028	Radial polygon head arbor 27	
		Weight [kg]:	8.930
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	68.00
		Shank type:	BMT
		Tool adaption:	Polygon arbor 27
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	5000
		Rotating direction:	opposite
	Coolant:	EXT	
	Please note:	Combi bearing	
	Center distance [mm]:	80	
	8 037 62 000	Radial disk mill head arbor 10	
		Weight [kg]:	6.210
		Version:	360° turnable
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	68.00
		Shank type:	BMT
		Tool adaption:	Arbor 10
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	4000
	Rotating direction:	opposite	
	Coolant:	EXT	
	Center distance [mm]:	92	

Part-#	Name	
8 037 65 016	Radial disk mill head arbor 22	
	Weight [kg]:	6.400
	Version:	360° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	92
8 040 64 014	Universal head ± 90° adjustable ER 16 AX UT	
	Weight [kg]:	5.700
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	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:	Check applicability; note tool length!
	Center distance [mm]:	80
8 043 64 005	Universal head +110°/-20° adj. ER16AX UTIK	
	Weight [kg]:	8.040
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	65
	Offset [mm]:	35
8 043 65 013	Universal head +110°/-20° adj. ER25 AX UT	
	Weight [kg]:	8.180
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	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]:	65

Part-#	Name	
	Offset [mm]:	35
8 043 65 020	Universal head +110°/-20° adj. ER25AX UTIK	
	Weight [kg]:	8.250
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	65
	Offset [mm]:	35
8 050 64 014	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	4.750
	Notation:	offset
	Version:	special, 2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 200 64 000	Cover plate 86,0x143,0x 10,0	
	Weight [kg]:	1.480
	Shank size [mm]:	68.00
	Shank type:	BMT
8 202 60 000	Basic holder longitudinal seat FN 12	
	Weight [kg]:	3.130
	Shank size [mm]:	68.00
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	32
8 214 63 000	Cut-off holder SH 32	
	Weight [kg]:	3.920
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT

Part-#	Name	
8 214 65 002	Universal turning holder sq. 25	
	Weight [kg]:	5.000
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Sq. 25 Sq. 25
	Coolant:	EXT
8 229 66 004	Tool holder C 4 IC	
	Version:	right
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	54
8 230 67 002	Tool holder HT 5	
	Weight [kg]:	6.220
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	87
8 230 68 001	Boring bar holder Ø 32	
	Weight [kg]:	6.530
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 230 69 002	Boring bar holder Ø 40	
	Weight [kg]:	6.780
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	95
8 230 69 004	Boring bar holder Ø 40	
	Weight [kg]:	6.350
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	87
8 234 65 001	Combi facing holder sq. 25	
	Weight [kg]:	8.230
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Sq. 25 Sq. 25
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	73
8 251 65 003	Combi double turning holder sq. 25	
	Weight [kg]:	9.030
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
8 259 68 000	Multiple-double boring bar holder Ø 32	
	Weight [kg]:	9.520
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Ø 32
		Ø 32
		Ø 32
		Ø 32
	Coolant:	IC/Ext
	Please note:	Check applicability!
	Center distance [mm]:	95
	Offset [mm]:	15/45
8 320 63 001	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	3.740
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 69 000	Cut-off holder, height adjustable 845 IC	
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

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