TOOL CATALOGUE

heimatec®

Mazak

QT SMART 100 M S

10/2026

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.

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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

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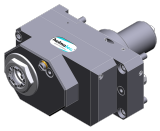
Part-#	Name	
8 010 67 077	**Axial drilling and milling head HT 5 IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	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

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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

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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]:	12000
	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

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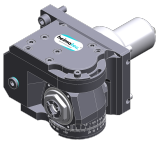
Part-#	Name	
8 037 65 016	**Radial disk mill head arbor 22**	
	Weight [kg]:	6.400
	Version:	360° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	68.00
	Shank type:	BMT
	Tool adaption:	Arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	92
8 043 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
	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

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Part-#	Name	
	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
8 202 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
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
8 230 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

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Part-#	Name	
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 69 004	**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
	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

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Part-#	Name	
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:	HORN System 845
	Coolant:	IC
	Pressure max [bar]:	70

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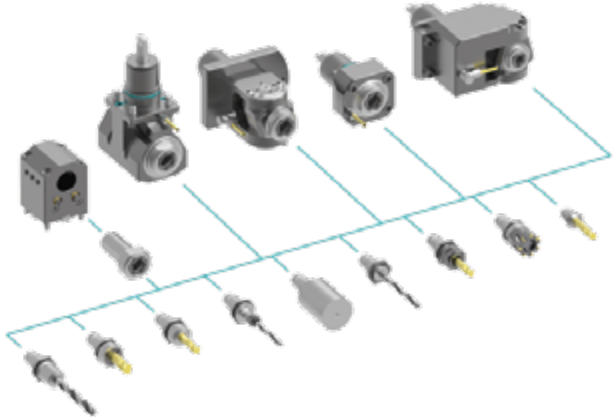

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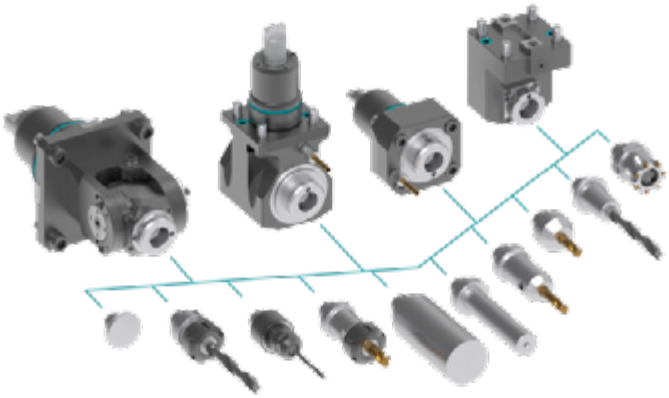

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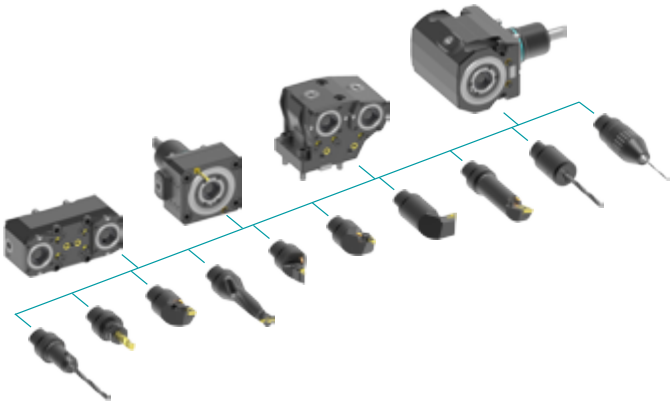

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