TOOL CATALOGUE

heimatec®

Mazak

QT SMART 300 M

11/2026



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.

*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 77 002	**Axial drilling and milling head ER 40 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 77 003	**Axial drilling and milling head ER 40 AX UT IC**	
	Weight [kg]:	6.630
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 77 004	**Axial drilling and milling head ER 40 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 77 005	**Axial drilling and milling head ER 40 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 019 71 001	**Axial drilling and milling head CHC**	
	Notation:	IC-300
	Version:	no Splash-protection
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	CHC
	Gear ratio [i]:	1:1,5

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Part-#	Name	
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	no
	Center distance [mm]:	100
	Offset [mm]:	153,9
8 030 77 002	**Radial drilling and milling head ER 40 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	100
8 030 77 006	**Radial drilling and milling head ER 40 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100
8 030 78 008	**Radial drilling and milling head HT 6**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	100
8 040 74 000	**Universal head ± 90° adjustable ER 16 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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:	Note swivel range!
	Center distance [mm]:	80

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Part-#	Name	
8 040 74 001	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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]:	140
	Please note:	Note swivel range!
	Center distance [mm]:	80
8 040 74 003	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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
	Pressure max [bar]:	140
	Please note:	Note swivel range!
	Center distance [mm]:	80
8 040 75 001	**Universal head ± 90° adjustable ER 25 AX UT**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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:	Note swivel range! stronger bearing
	Center distance [mm]:	80
8 040 75 002	**Universal head ± 90° adjustable ER 25 AX UT IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	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]:	140
	Please note:	Note swivel range! stronger bearing
	Center distance [mm]:	80

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Part-#	Name	
8 100 17 000	**Tool holder radial ø17,1 / minus**	
	Employment for:	Angle handpiece or extension CN01
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Interface ø17,1 / M17x1
	Gear ratio [i]:	1:2
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	no
	Center distance [mm]:	100
8 200 75 000	**Cover plate 100,0x175,0x 12,0**	
	Shank size [mm]:	80.00
	Shank type:	BMT
8 202 70 000	**Basic holder longitudinal seat FN 12**	
	Weight [kg]:	4.520
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	32
8 214 75 002	**Universal turning holder sq. 25**	
	Weight [kg]:	7.300
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
8 230 79 000	**Boring bar holder Ø 50**	
	Weight [kg]:	12.020
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	120
8 230 79 001	**Boring bar holder Ø 2"**	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	120
8 230 79 002	**Boring bar holder Ø 60**	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	120

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Part-#	Name	
8 230 79 003	**Boring bar holder Ø 40**	
	Weight [kg]:	12.560
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	120
8 234 75 004	**Combi facing holder sq. 25**	
	Weight [kg]:	12.270
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Center distance [mm]:	105
8 320 73 000	**Cut-off holder, height adjustable SH 32 IC**	
	Shank size [mm]:	80.00
	Shank type:	BMT
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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