

Mazak
QT SMART 300
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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 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

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 77 003	Radial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	18.150
	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:	IC/Ext
	Pressure max [bar]:	140
	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

Part-#	Name	
	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
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

Part-#	Name	
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
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



Part-#	Name	
8 230 79 001 	Boring bar holder Ø 2"	80.00
	Shank size [mm]:	BMT
	Shank type:	Ø 2" (50,8mm)
	Tool adaption:	IC/Ext
	Coolant:	120
8 230 79 002	Boring bar holder Ø 60	80.00
	Shank size [mm]:	BMT
	Shank type:	Ø 60
	Tool adaption:	IC/Ext
	Coolant:	120
8 230 79 003	Boring bar holder Ø 40	12.560
	Weight [kg]:	80.00
	Shank size [mm]:	BMT
	Shank type:	Ø 40
	Tool adaption:	IC/Ext
8 234 75 004	Combi facing holder sq. 25	12.270
	Weight [kg]:	80.00
	Shank size [mm]:	BMT
	Shank type:	Sq. 25
	Tool adaption:	Sq. 25
8 320 73 000 	Cut-off holder, height adjustable SH 32 IC	80.00
	Shank size [mm]:	BMT
	Shank type:	Clampshaft SH 32
	Tool adaption:	IC/Ext
	Coolant:	70
	Pressure max [bar]:	



● heimatec overseas branches

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