

Mazak

QT Nexus 350 II

M



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

This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

heimatec GmbH reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

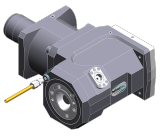
The current version of our General Terms and Conditions can be found on our website.

Part-#	Name	
8 010 57 020	Axial drilling and milling head ER 40 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 57 085	Axial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	6.160
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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
8 011 55 010	Axial milling head universal arbor 22	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 018 56 000	Axial drilling and milling head ER 32	
	Weight [kg]:	14.940
	Notation:	Y-axes adjustable \pm 50 mm
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32 CL
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 56 005	Axial drilling and milling head ER 32 CL IC	
	Weight [kg]:	14.220
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100

Part-#	Name	
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Offset [mm]:	75
8 019 57 000	Axial drilling and milling head ER 40 CL	
	Weight [kg]:	14.240
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	75
8 019 57 005	Axial drilling and milling head CAT 40	
	Weight [kg]:	12.160
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	CAT 40 - SK 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	75
8 019 57 010	Axial drilling and milling head ER 40 CL IC	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1,5
	Torque max [Nm]:	63
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	75
8 019 57 012	Axial drilling and milling head CAT 40	
	Weight [kg]:	12.160
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	CAT 40 - SK 40
	Gear ratio [i]:	1:1,5
	Torque max [Nm]:	63
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Offset [mm]:	75
8 019 57 047	Axial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	13.800
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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
	Offset [mm]:	75
8 019 57 049	Axial drilling and milling head ER 40 AX UT	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	EXT
8 019 57 075	Axial drilling and milling head CAT 40 inch	
	Weight [kg]:	12.330
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	CAT 40 - SK 40 inch
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
8 019 58 002	Axial drilling and milling head HT 6	
	Weight [kg]:	12.940
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	stronger bearing
	Offset [mm]:	75

Part-#	Name	
8 019 58 003	Axial drilling and milling head HT 6 IC	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 019 59 000	Axial drilling and milling head HT 7 IC	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 7
	Gear ratio [i]:	1:2
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 019 59 002	Axial drilling and milling head HT 7	
	Weight [kg]:	13.440
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 7
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	75
8 030 57 016	Radial drilling and milling head CAT 40	
	Weight [kg]:	14.600
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	CAT 40 - SK 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	160

Part-#	Name	
8 030 57 045	Radial drilling and milling head HT 5 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	160
8 030 57 068	Radial drilling and milling head C 5 IC	
	Weight [kg]:	17.350
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	heimatec Capto(TM) C 5
	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:	stronger bearing
	Center distance [mm]:	160
8 030 57 077	Radial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	17.420
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	stronger bearing
	Center distance [mm]:	160
8 030 57 078	Radial drilling and milling head ER 40 AX UT	
	Weight [kg]:	16.380
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	EXT
	Please note:	stronger bearing

Part-#	Name	
	Center distance [mm]:	160
8 030 57 082	Radial drilling and milling head ER 40 AX UT IC	
	Employment for:	Main spindle
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	140
8 030 57 119	Radial drilling and milling head ER 40 AX UT	
	Weight [kg]:	14.890
	Employment for:	Main spindle
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	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:	stronger bearing
	Center distance [mm]:	100
8 030 58 011	Radial drilling and milling head HT 6 IC	
	Weight [kg]:	16.150
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	160
8 030 58 012	Radial drilling and milling head HT 6	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	160
8 030 58 014	Radial drilling and milling head Weldon 32 IC	
	Weight [kg]:	15.920
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	160
8 030 59 000	Radial drilling and milling head HT 7 IC	
	Weight [kg]:	17.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 7
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	160
8 031 54 019	Radial milling head universal arbor 1/2"	
	Weight [kg]:	15.260
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 1/2" (12,7mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	160
8 039 56 027	Radial drilling and milling head ER 32 AX UT	
	Weight [kg]:	14.830
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	160

Part-#	Name	
8 040 55 009	Universal head ± 90° adjustable ER 25 AX UT	
	Weight [kg]:	6.570
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note swivel range! stronger bearing
	Center distance [mm]:	87
8 040 55 021	Universal head ± 90° adjustable ER 25 AX UT IC	
	Weight [kg]:	6.540
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Note swivel range! stronger bearing
	Center distance [mm]:	87
8 200 51 007	Plug Ø 50x75	
	Weight [kg]:	2.020
	Shank size [mm]:	50.00
	Shank type:	VDI
8 202 50 003	Basic holder longitudinal seat FN 12	
	Weight [kg]:	5.040
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	58
8 214 53 000	Cut-off holder SH 32	
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret center
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
8 214 53 001	Cut-off holder SH 32	
	Weight [kg]:	4.890
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32

Part-#	Name	
	Coolant:	EXT
	Please note:	demountalbe clampshaft
8 214 55 001	Universal turning holder sq. 25	
	Weight [kg]:	11.070
	Employment for:	Main spindle
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 214 55 007	Universal turning holder sq. 1"	
	Weight [kg]:	11.040
	Employment for:	Main spindle
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 214 56 000	Universal turning holder sq. 32	
	Weight [kg]:	12.000
	Employment for:	Main spindle
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32
	Coolant:	EXT
8 230 57 000	Tool holder ABS 80 IC	
	Weight [kg]:	18.920
	Notation:	offset
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ABS 80
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 58 001	Boring bar holder Ø 32	
	Weight [kg]:	14.460
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 58 004	Boring bar holder Ø 32	
	Notation:	offset
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	175

Part-#	Name	
8 230 59 000	Boring bar holder Ø 50	
	Weight [kg]:	14.140
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 59 001	Boring bar holder Ø 40	
	Weight [kg]:	14.220
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 59 009	Boring bar holder Ø 40	
	Notation:	offset
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 59 011	Boring bar holder Ø 60	
	Weight [kg]:	14.240
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 59 016	Boring bar holder Ø 2"	
	Weight [kg]:	14.070
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	175
8 230 59 029	Boring bar holder Ø 50 - slotted	
	Weight [kg]:	19.950
	Version:	slotted
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	EXT
	Center distance [mm]:	175
8 234 55 000	Combi facing holder sq. 25	
	Weight [kg]:	12.960
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT

Mazak

QT Nexus 350 II M

heimatec®

Part-#	Name	
8 234 56 000	Combi facing holder sq. 32	
	Weight [kg]:	15.150
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32
	Coolant:	EXT
8 320 53 008	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	5.650
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 53 010	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	5.810
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal



heimatec.u-tec®

heimatec.com

Products / Tool change systems /
u-tec® Tool-changing system



versions see catalog



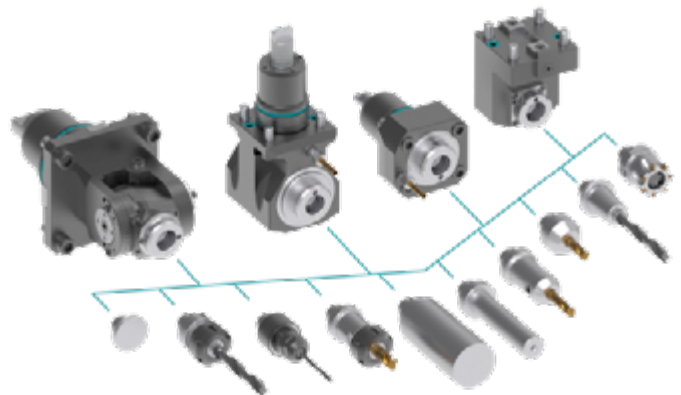
heimatec.easy-quick

heimatec.com

Products / Tool change systems /
easy-quick HT quick-changing system



versions see catalog



heimatec.Capto™

heimatec.com

Products / Tool change systems /
heimatec.Capto™ quick-changing system



versions see catalog



heimatec.accessories

heimatec.com

Products / Accessories



versions see catalog





● heimatec overseas branches

○ global representations of heimatec

heimatec[®]

heimatec GmbH
 Präzisionswerkzeuge
 Carl-Benz-Str. 4
 77871 Renchen
 Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
<https://heimatec.com/business-partners>