

Mazak
Hyper Quadrex
450 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

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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:	demountable 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

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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



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