

Hwacheon

VT 650 M

BMT 75



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

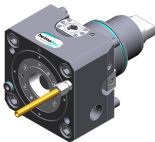
Tool systems for gear production

Digital tool management

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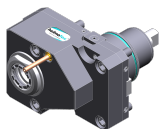
Part-#	Name	
8 010 67 039	Axial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 67 049	Axial drilling and milling head C 5	
	Weight [kg]:	9.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 010 67 059	Axial drilling and milling head ER 40 AX UT	
	Weight [kg]:	5.880
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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 67 099	Axial drilling and milling head ER 40 AX UT	
	Weight [kg]:	5.770
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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
8 019 66 005	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	9.440
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec

Part-#

Name

Gear ratio [i]: 1:2
 Torque max [Nm]: 50
 Rotation max [1/min]: 10000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 60

8 019 66 013

Axial drilling and milling head ER 32 AX UT

Weight [kg]: 9.550
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 75.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 63
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 60

8 019 66 077

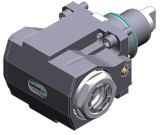

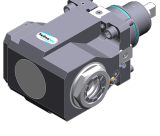
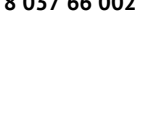
Axial drilling and milling head ER 32 AX UT IC



Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 75.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 50
 Rotation max [1/min]: 10000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Offset [mm]: 60

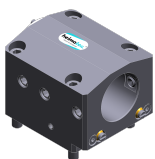


8 030 65 086


Radial drilling and milling head ER 25 AX UT

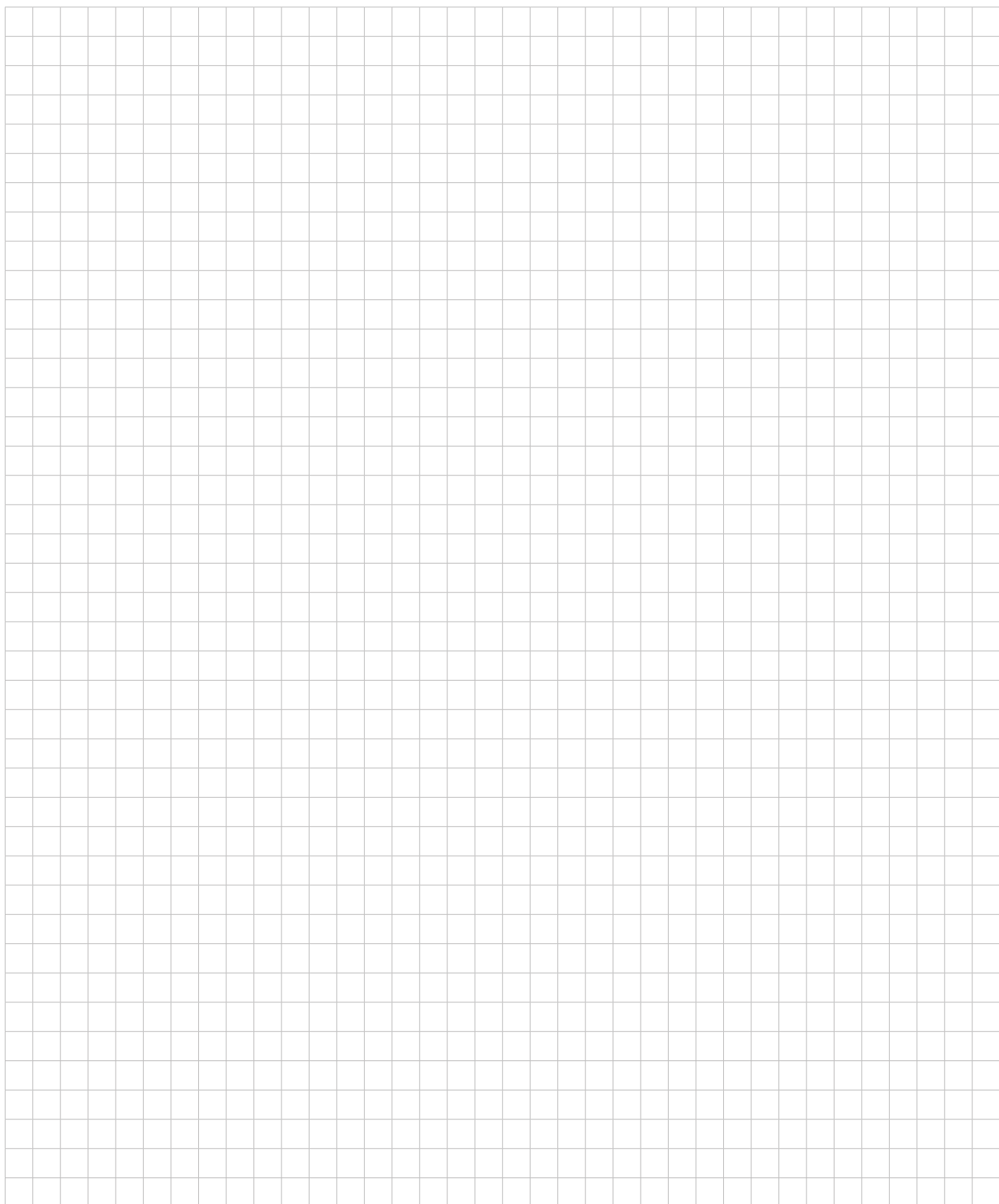
Weight [kg]: 9.190
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 75.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 16
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Please note: stronger bearing
 Center distance [mm]: 100

Part-#	Name	
	8 030 67 071	Radial drilling and milling head ER 40 AX UT IC
	Weight [kg]:	14.160
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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]:	140
Please note:	Combi bearing	
Center distance [mm]:	90	
	8 030 67 074	Radial drilling and milling head ER 40 AX UT
	Weight [kg]:	13.920
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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
Center distance [mm]:	90	
	8 030 67 104	Radial drilling and milling head ER 40 AX UT IC
	Weight [kg]:	15.720
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	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]:	140
Please note:	Combi bearing	
Center distance [mm]:	110	
	8 037 66 002	Radial disk mill head arbor 27
	Weight [kg]:	16.610
	Version:	± 45° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	Arbor 27
Gear ratio [i]:	2:1	
Torque max [Nm]:	63	
Rotation max [1/min]:	3000	

Part-#	Name	
	Rotating direction:	same
	Coolant:	no
	Please note:	strong version; stronger bearing
	Center distance [mm]:	120
8 050 64 010	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	10.710
	Notation:	offset
	Version:	special, 2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	75.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 202 20 014	Basic holder longitudinal seat FN 12	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	25
8 224 26 002	Universal turning holder sq. 32/25	
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 32
	Coolant:	EXT
8 224 26 008	Universal turning holder sq. 1 1/4"/1"	
	Weight [kg]:	7.010
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 1 1/4" (31,75mm) 1" (25,4mm)
	Coolant:	EXT
8 240 27 017	Tool holder C 5 IC	
	Weight [kg]:	12.090
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	130

Part-#	Name	
8 240 28 010	Boring bar holder Ø 32	
	Weight [kg]:	12.960
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	130
8 240 29 008	Boring bar holder Ø 60	
	Weight [kg]:	7.800
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 25
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	60
8 240 29 020	Boring bar holder Ø 60	
	Weight [kg]:	14.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 60
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 240 29 026	Boring bar holder Ø 50	
	Weight [kg]:	15.380
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 240 29 036	Boring bar holder Ø 2 1/2"	
	Weight [kg]:	14.080
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 2 1/2" (63,5mm)
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 240 29 051	Boring bar holder Ø 2"	
	Weight [kg]:	15.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	110

Part-#	Name	
8 244 26 002	Combi facing holder sq. 32/25	
	Weight [kg]:	14.750
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
	Please note:	with spacer strip for sq. 25
	Center distance [mm]:	105
8 244 26 005	Combi facing holder sq. 1 1/4"/1"	
	Weight [kg]:	14.780
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Sq. 1 1/4" (31,75mm) / sq. 1" (25,4mm)
	Coolant:	EXT
	Please note:	with spacer strip for sq. 1" (25,4mm)
	Center distance [mm]:	105
8 320 23 011	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	3.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 025	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	3.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 25
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal





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