

Hwacheon

**Hi-TECH300 MC**

**BMT 65**



# 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


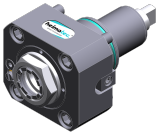
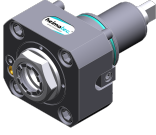
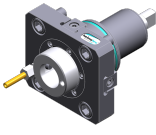
Tool systems for gear production

Digital tool management





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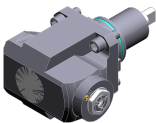
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Part-#	Name	
<b>8 010 66 132</b>	<b>Axial drilling and milling head ER 32 AS UT</b>	
	Weight [kg]:	3.340
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	short version
<b>8 010 66 143</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
<b>8 010 66 145</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Pressure max [bar]:	140
<b>8 010 67 025</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.065
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

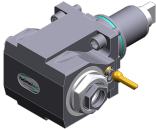
Part-#	Name	
<b>8 010 67 026</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	3.210
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 67 132</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	4.870
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 013 64 008</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	4.050
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 64 009</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100



Part-#	Name	
<b>8 019 65 019</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.790
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 65 025</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.500
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 65 027</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.850
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 65 067</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.030
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

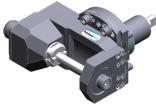
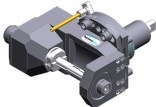
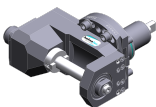
Part-#	Name	
		Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 50
<b>8 019 66 014</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
		Weight [kg]: 10.740 Notation: offset; Tool drive: Flat (~DIN 1809) Shank size [mm]: 65.00 Shank type: BMT Tool adaption: ER 32 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 Offset [mm]: 75
<b>8 019 66 017</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
		Weight [kg]: 7.590 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 65.00 Shank type: BMT Tool adaption: ER 32 A - u-tec Gear ratio [i]: 2:1 Torque max [Nm]: 80 Rotation max [1/min]: 3000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 50
<b>8 030 64 021</b>	<b>Radial drilling and milling head ER 16 AX UT</b>	
		Weight [kg]: 8.030 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 65.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:4 Torque max [Nm]: 5 Rotation max [1/min]: 24000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 72


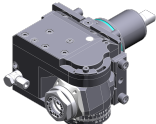
Part-#	Name	
<b>8 030 64 023</b>	<b>Radial drilling and milling head ER 16 AX UT IC</b>	
	Weight [kg]:	8.540
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	72
<b>8 030 65 045</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.200
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	80
<b>8 030 65 055</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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]:	95
<b>8 030 65 064</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.580
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
	Center distance [mm]:	95
<b>8 030 65 065</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.770
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	95
<b>8 030 65 095</b>	<b>Radial drilling and milling head ER 25 AS UT</b>	
	Weight [kg]:	7.730
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	72
<b>8 030 65 097</b>	<b>Radial drilling and milling head ER 25 AS UT IC</b>	
	Weight [kg]:	8.550
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	72
<b>8 030 65 098</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing with hybrid-bearing
	Center distance [mm]:	95
<b>8 030 66 123</b>	<b>Radial drilling and milling head ER 32 AS UT IC</b>	
	Weight [kg]:	8.450
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	72
<b>8 030 66 155</b>	<b>Radial drilling and milling head ER 32 AS UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	72
<b>8 030 66 158</b>	<b>Radial drilling and milling head ER 32 AS UT IC</b>	
	Weight [kg]:	9.150
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Rotating direction note; combi bearing
	Center distance [mm]:	72
<b>8 030 66 224</b>	<b>Radial drilling and milling head C 4 IC</b>	
	Weight [kg]:	10.070
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	72
<b>8 030 66 229</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	8.630
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	72
<b>8 030 66 239</b>	<b>Radial drilling and milling head ER 32 AS UT</b>	
	Weight [kg]:	8.200
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	EXT
	Pressure max [bar]:	140
	Center distance [mm]:	72
<b>8 030 66 243</b>	<b>Radial drilling and milling head ER 32 AS UT IC</b>	
	Weight [kg]:	8.500
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	72

Part-#	Name	
<b>8 030 67 153</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	8.260
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	72
<b>8 037 64 039</b>	<b>Radial disk mill head arbor 16</b>	
	Weight [kg]:	11.860
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	no
	Please note:	strong version; stronger bearing; use
	Center distance [mm]:	87,5
<b>8 037 64 040</b>	<b>Radial disk mill head arbor 16</b>	
	Weight [kg]:	11.610
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	strong version; stronger bearing; use
	Center distance [mm]:	87,5
<b>8 037 65 008</b>	<b>Radial disk mill head arbor 22</b>	
	Weight [kg]:	12.060
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	no
	Please note:	strong version; stronger bearing; use
	Center distance [mm]:	87,5

Part-#	Name	
<b>8 039 65 033</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.930
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	80
<b>8 039 66 017</b>	<b>Radial drilling and milling head ER 32</b>	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	72
<b>8 039 66 025</b>	<b>Radial drilling and milling head ER 32 AS UT</b>	
	Weight [kg]:	8.700
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	72
<b>8 043 65 000</b>	<b>Universal head +135°/-30° adj. ER25 AX UT</b>	
	Weight [kg]:	10.800
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec


Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing; note tool length!
	Center distance [mm]:	69
	Offset [mm]:	60
<b>8 043 65 004</b>	<b>Universal head +135°/-30° adj. ER25AX UTIK</b>	
	Weight [kg]:	10.080
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	69
	Offset [mm]:	60
<b>8 050 65 011</b>	<b>Multispindle drilling head ER 25 AX UT</b>	
	Weight [kg]:	6.700
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 050 65 012</b>	<b>Multispindle drilling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.740
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing


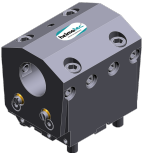
Part-#	Name	
<b>8 050 66 005</b>	<b>Multispindle drilling head C 4</b>	
	Weight [kg]:	12.500
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
	Offset [mm]:	62
		62
<b>8 053 65 019</b>	<b>Multispindle radial head ER 25 AX UT</b>	
	Weight [kg]:	11.230
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	72
<b>8 053 65 022</b>	<b>Multispindle radial head ER 25 AXUT IC</b>	
	Weight [kg]:	12.050
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	72
<b>8 200 62 006</b>	<b>Cover plate 96,0x100,0x 10,0</b>	
	Weight [kg]:	1.340
	Shank size [mm]:	65.00
	Shank type:	BMT



Part-#	Name	
<b>8 202 10 009</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.490
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 224 13 015</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	1.870
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
<b>8 224 14 026</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	3.795
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 224 14 027</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	4.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 224 15 005</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	3.960
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 224 15 006</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	4.590
	Notation:	180° reversible
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80

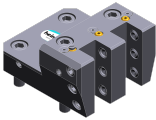

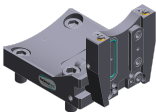

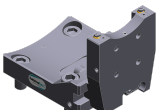


Part-#	Name	
8 224 15 015	<b>Universal turning holder sq. 1"</b>	
	Weight [kg]: Machine adaption: Tool adaption: Coolant:	3.930 Centering key b 18 Sq. 1" (25,4mm) EXT
8 224 15 016	<b>Universal turning holder sq. 1"</b>	
	Weight [kg]: Shank type: Machine adaption: Tool adaption:  Coolant:	4.580 BMT Centering key b 18 Sq. 1" (25,4mm) Sq. 1" (25,4mm) EXT
8 224 15 052	<b>Universal turning holder sq. 25 IC</b>	
	Shank type: Machine adaption: Tool adaption:  Coolant: Pressure max [bar]: Please note:	BMT Centering key b 18 Sq. 25 Sq. 25 IC/Ext 100 Key rail
8 224 15 053	<b>Universal turning holder sq. 25 IC</b>	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption:  Coolant: Pressure max [bar]: Please note:	4.690 180° reversible BMT Centering key b 18 Sq. 25 Sq. 25 IC/Ext 100 Key rail
8 224 15 056	<b>Universal turning holder sq. 1" IC</b>	
	Notation: Shank type: Machine adaption: Tool adaption:  Coolant: Pressure max [bar]: Please note:	180° reversible BMT Centering key b 18 Sq. 1" (25,4mm) Sq. 1" (25,4mm) IC/Ext 100 Key rail
8 229 16 012	<b>Tool holder C 4 IC</b>	
	Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note:	3.300 180° reversible right BMT Centering key b 18 heimatec Capto(TM) C 4 IC Check applicability; note tool length!

Part-#	Name	
	Offset [mm]:	31
<b>8 240 16 036</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	7.370
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	72
<b>8 240 16 043</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	7.320
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 17 044</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	8.200
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 17 054</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	7.800
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 17 059</b>	<b>Tool holder C 5 IC</b>	
	Weight [kg]:	7.880
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC/Ext
	Center distance [mm]:	72

Part-#	Name	
<b>8 240 17 076</b>	<b>Boring bar holder Ø 1"</b>	
	Weight [kg]:	8.120
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 17 091</b>	<b>Boring bar holder Ø 25 - slotted</b>	
	Weight [kg]:	4.860
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 25
	Coolant:	EXT
	Center distance [mm]:	72
<b>8 240 18 028</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	7.900
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 19 032</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	7.671
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	72
<b>8 240 19 044</b>	<b>Boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	7.590
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	72

Part-#	Name	
<b>8 240 19 048</b>	<b>Boring bar holder Ø 2"</b>	
	Weight [kg]:	6.780
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 240 19 067</b>	<b>Boring bar holder Ø 50</b>	
	Weight [kg]:	6.860
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	72
<b>8 240 19 101</b>	<b>Boring bar holder Ø 40 - slotted</b>	
	Weight [kg]:	4.390
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Ø 40
	Coolant:	EXT
	Center distance [mm]:	72
<b>8 244 15 005</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	6.510
	Shank type:	BMT
	Machine adaption:	Centering key slot b 18
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 244 15 006</b>	<b>Combi facing holder sq. 1"</b>	
	Weight [kg]:	6.530
	Shank type:	BMT
	Machine adaption:	Centering key slot b 18
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 249 15 012</b>	<b>Double collet chuck holder ER 25</b>	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	72

Part-#	Name	
<b>8 249 16 007</b>	<b>Double collet chuck holder ER 32</b>	
	Weight [kg]:	6.160
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	72
<b>8 251 15 003</b>	<b>Combi double turning holder sq. 25</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 251 15 008</b>	<b>Combi double turning holder sq. 1"</b>	
	Weight [kg]:	6.590
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 251 15 046</b>	<b>Combi double turning holder sq. 25 IC</b>	
	Weight [kg]:	6.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 259 12 007</b>	<b>Multiple turning holder sq. 25/1"</b>	
	Weight [kg]:	8.790
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
	Coolant:	EXT

Part-#	Name	
<b>8 259 12 008</b>	<b>Multiple turning holder sq. 25/1"</b>	
	Weight [kg]:	5.000
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Sq. 25/1" (25,4 mm)
		Sq. 25/1" (25,4 mm)
	Coolant:	EXT
<b>8 320 12 017</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 13 005</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.120
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 13 019</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	with offset cut-off tool holder; use
<b>8 320 13 020</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.240
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
<b>8 320 19 020</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 18
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70
	Please note:	Clampshaft internal



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