

DMG MORI
CLX 450 - BMT
40



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

Part-#	Name	
8 010 45 177	Axial drilling and milling head ER 25 AS UT IC	
	Weight [kg]:	3.540
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 45 190	Axial drilling and milling head ER 25 AS UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Dryrun possible
8 010 46 254	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	4.230
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
8 010 46 279	Axial drilling and milling head C 4	
	Weight [kg]:	4.120
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check!

Part-#	Name	
8 010 46 295	Axial drilling and milling head ER 32 AS UT	
	Weight [kg]:	2.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
8 010 46 296	Axial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	3.690
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	IC/Ext
	Pressure max [bar]:	25
8 010 46 300	Axial drilling and milling head HT 4 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 46 306	Axial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	3.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Dryrun possible

Part-#	Name
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8 013 43 000



Axial drilling and milling head ER 11

Weight [kg]:	0.740
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
Tool adaption:	ER 11
Gear ratio [i]:	1:4
Torque max [Nm]:	5
Rotation max [1/min]:	48000
Rotating direction:	same
Coolant:	EXT

8 013 44 009

Axial drilling and milling head ER 16 AX UT

Weight [kg]:	2.410
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
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

8 013 44 010



Axial drilling and milling head ER 16 AX UT IC

Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
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]:	80

8 019 45 178

Axial drilling and milling head ER 25 AX UT

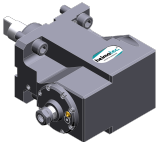
Weight [kg]:	7.330
Notation:	offset
Employment for:	Main spindle
Version:	Special
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	40
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	100

Part-#	Name
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8 019 46 217 Axial drilling and milling head C 4 IC

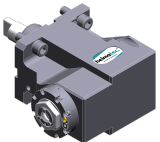
Weight [kg]: 9.060
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 39.90
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 8000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Check applicability; note tool length!
 Offset [mm]: 110

8 030 43 012 Radial drilling and milling head ER 11



Weight [kg]: 6.790
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 Shank type: BMT
 Tool adaption: ER 11
 Gear ratio [i]: 1:4
 Torque max [Nm]: 5
 Rotation max [1/min]: 48000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 85


8 030 44 079 Radial drilling and milling head ER 16 AX UT





Weight [kg]: 6.860
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 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]: 85

8 030 45 139 Angle-mill- and drill holder ER 25 AS UT


Weight [kg]: 6.970
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 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: EXT
 Please note: Combi bearing

Part-#	Name	
	Center distance [mm]:	85
8 030 45 195	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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]:	85
8 030 45 202	Radial drilling and milling head ER 25 AS UT	
	Weight [kg]:	6.940
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 45 573	Radial drilling and milling head ER 25 AS UT IC	
	Weight [kg]:	7.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 45 588	Radial drilling and milling head ER 25 AS UT	
	Weight [kg]:	6.527
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	85
8 030 46 320	Angle-mill- and drill holder ER 32 AS UT IC	
	Weight [kg]:	7.000
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 031 45 058	Radial milling head universal arbor 1"	
	Weight [kg]:	7.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 043 44 009	Universal head +105°/-20° adj. ER16 AX UT	
	Weight [kg]:	5.450
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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
	Center distance [mm]:	55
	Offset [mm]:	35
8 043 45 009	Universal head +105°/-20° adj. ER25 AX UT	
	Weight [kg]:	5.650
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	55
	Offset [mm]:	35
8 043 45 012	Universal head +105°/-20° adj. ER25 AXUTIK	
	Weight [kg]:	5.660
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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]:	25
	Please note:	stronger bearing
	Center distance [mm]:	55
	Offset [mm]:	35
8 224 04 029	Universal turning holder sq. 20	
	Weight [kg]:	4.040
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 224 04 044	Universal turning holder sq. 20	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 224 05 009	Universal turning holder sq. 25	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80

Part-#	Name	
8 240 06 023	Collet chuck holder ER 32	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	90
8 240 07 063	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	6.180
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 240 08 030	Boring bar holder Ø 32	
	Weight [kg]:	6.350
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 240 09 020	Boring bar holder Ø 40	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 244 04 009	Combi facing holder sq. 20	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60

Part-#	Name	
8 244 05 007	Combi facing holder sq. 25	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60
8 320 02 023	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	2.030
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 03 033	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	2.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 09 006	Cut-off holder, height adjustable 845 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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○ global representations of heimatec

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