

Nakamura
MX-100



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

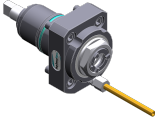

Tool systems for gear production

Digital tool management

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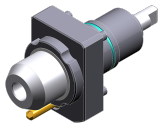
The current version of our General Terms and Conditions can be found on our website.

Part-#	Name	
8 010 44 052	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	1.400
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 44 055	Axial milling and drill holder ER 20 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 44 056	Axial milling and drill holder ER 20 AX UT IC	
	Weight [kg]:	1.440
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 44 071	Axial drilling and milling head Weldon 14	
	Weight [kg]:	1.640
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing

Part-#	Name	
8 010 44 085	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	1.970
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	High pressure version
8 010 44 091	Axial drilling and milling head ER 20 AX UT	
	Weight [kg]:	1.530
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
8 010 44 092	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	1.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 44 093	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	2.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible

Part-#	Name
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8 010 45 081



Axial drilling and milling head Weldon 16

Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	Weldon (DIN 1835 b) 16
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing

8 010 45 082

Axial drilling and milling head Weldon 16 IC

Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	Weldon (DIN 1835 b) 16
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	Combi bearing

8 010 45 160

Axial drilling and milling head ER 25 AX UT



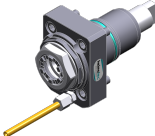
Weight [kg]:	1.530
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	8000
Rotating direction:	same
Coolant:	EXT
Please note:	stronger bearing

8 010 45 170



Axial drilling and milling head ER 25 IC

Weight [kg]:	1.550
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 25
Gear ratio [i]:	1:1
Torque max [Nm]:	32
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	Combi bearing

Part-#	Name	
8 010 45 191	Axial milling and drill holder ER 25 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 45 192	Axial milling and drill holder ER 25 AX UT IC	
	Weight [kg]:	1.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 45 193	Axial milling and drill holder ER 25 AX UT IC	
	Weight [kg]:	2.340
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; dryrun possible
8 010 45 208	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.500
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name
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8 010 45 209



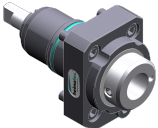
Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 1.750
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25

8 010 45 210



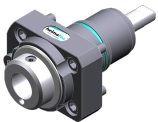
Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 1.980
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 15000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Dryrun possible

8 010 46 149






Axial drilling and milling head HT 4 IC
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

8 010 46 277




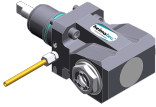

Axial drilling and milling head HT 4 IC
 Weight [kg]: 1.400
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: stronger bearing

Part-#	Name	
8 010 46 323	Axial drilling and milling head Weldon 20	
	Weight [kg]:	1.940
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
8 011 44 017	Axial milling head universal arbor 16	
	Weight [kg]:	1.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 011 44 018	Axial milling head universal arbor 3/4"	
	Weight [kg]:	1.480
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 011 45 024	Axial milling head universal arbor 22	
	Weight [kg]:	1.620
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing

Part-#	Name	
8 011 45 033	Axial milling head universal arbor 1"	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 013 43 001	Axial drilling and milling head ER 11	
	Weight [kg]:	1.850
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	2,5
	Rotation max [1/min]:	48000
	Rotating direction:	same
	Coolant:	EXT
8 013 44 002	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	1.850
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	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 44 003	Axial drilling and milling head ER 16 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	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 44 014	Axial drilling and milling head ER 16	
	Weight [kg]:	3.860
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16

Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 019 44 017	Axial drilling and milling head HT 2	
	Weight [kg]:	3.780
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	HT 2
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 019 44 040	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.780
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 019 44 050	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.830
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 019 44 052	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.530
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec

Part-#	Name	
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	180° reversible
	Offset [mm]:	34,5
8 019 44 108	Axial drilling and milling head ER 16 AX UT	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 019 44 109	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.450
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	180° reversible
	Offset [mm]:	34,5
8 019 44 124	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.470
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	180° reversible
	Offset [mm]:	34,5

Part-#	Name	
8 019 44 138	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.120
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	20000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 030 44 067	Angle-mill- and drill holder ER 20 AX UT	
	Weight [kg]:	4.000
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	75
8 030 44 068	Angle-mill- and drill holder ER 20 AX UT IC	
	Weight [kg]:	4.300
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
8 030 44 187	Radial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.710
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	same

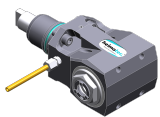
Part-#	Name
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Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing; Umsetzbarkeit check !
 Center distance [mm]: 75

8 030 44 216 Radial drilling and milling head ER 20 AX UT

Weight [kg]: 4.010
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 8000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 80

8 030 44 229 Radial drilling and milling head ER 20 AX UT



Weight [kg]: 4.780
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 75

8 030 44 230 Radial drilling and milling head ER 20 AX UT IC


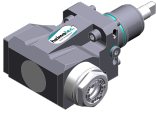




Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

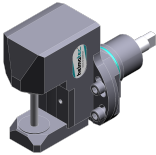
8 030 44 239 Angle-mill- and drill holder ER 20 AX UT IC

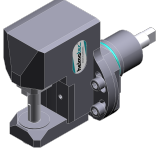




Weight [kg]: 4.900
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 8000

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
8 030 44 240	Angle-mill- and drill holder ER 20 AX UT	
	Weight [kg]:	4.300
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	75
8 030 45 199	Angle-mill- and drill holder ER 25 AX UT IC	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
8 030 45 328	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	4.537
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	75

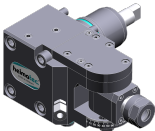
Part-#	Name	
8 030 45 583	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
8 030 45 584	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	4.760
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 030 46 337	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	4.310
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
8 031 44 032	Radial polygon head arbor 16	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Polygon arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing

Part-#	Name	
	Center distance [mm]:	60
8 031 44 046	Radial polygon head arbor 16	
	Weight [kg]:	5.000
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Polygon arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	72
8 031 45 040	Radial milling head universal arbor 22	
	Weight [kg]:	4.730
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	72
8 037 41 000	Radial disk mill head arbor 8	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Arbor 8
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	no
	Center distance [mm]:	78
8 037 42 000	Radial disk mill head arbor 10	
	Weight [kg]:	5.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Arbor 10
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	no
	Center distance [mm]:	78

Part-#	Name	
8 037 43 003	Radial disk mill head arbor 13	
		<p>Tool drive: Flat (~DIN 1809) Shank size [mm]: 44.00 Shank type: BMT Tool adaption: Arbor 13 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 4000 Rotating direction: opposite Coolant: no Center distance [mm]: 78</p>
8 037 44 012	Radial disk mill head arbor 16	
		<p>Weight [kg]: 5.300 Tool drive: Flat (~DIN 1809) Shank size [mm]: 44.00 Shank type: BMT Tool adaption: Arbor 16 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 4000 Rotating direction: opposite Coolant: no Center distance [mm]: 78</p>
8 039 45 149	Radial drilling and milling head ER 25 AX UT	
		<p>Weight [kg]: 5.220 Notation: 180° reversible Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 44.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 12000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 75</p>
8 039 45 150	Radial drilling and milling head C 3	
		<p>Weight [kg]: 9.080 Notation: 180° reversible Employment for: Main- and sub spindle Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 44.00 Shank type: BMT Tool adaption: heimatec Capto(TM) C 3 Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 8000 Rotating direction: same/opposite Coolant: EXT Please note: Check applicability; note tool length! Center distance [mm]: 75</p>

Part-#	Name	
8 039 46 052	Radial drilling and milling head HT 4	
	Weight [kg]:	4.310
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
8 040 43 003	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	3.550
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	67
8 040 44 025	Universal head ± 90° adjustable HT 2	
	Weight [kg]:	3.560
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	67
8 040 44 031	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	3.580
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	67

Part-#	Name	
8 040 44 110	Universal head ± 90° adjustable ER 16 AX UT	
	Weight [kg]:	3.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	58
8 040 44 111	Universal head ± 90° adjustable ER 16 AX UT IC	
	Weight [kg]:	3.040
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	58
8 040 44 116	Universal head ± 90° adjustable ER 16 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	20000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	58
8 040 44 117	Universal head ± 90° adjustable ER 16 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	20000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	58

Part-#	Name	
8 043 43 000	Universal head + 90°	adj. ER11 AX
	Weight [kg]:	4.040
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	180° reversible
	Center distance [mm]:	25
	Offset [mm]:	72
8 043 43 001	Universal head +155°	adj. ER11 AX
	Weight [kg]:	4.200
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	5
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	25
	Offset [mm]:	74
8 043 43 004	Universal head +155°	adj. ER11 AX IC
	Weight [kg]:	4.500
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	5
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	25
	Offset [mm]:	74
8 043 44 001	Universal head + 90°	adjustable ER 16
	Weight [kg]:	4.070
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name
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Coolant:	EXT
Please note:	180° reversible
Center distance [mm]:	25
Offset [mm]:	72

8 043 44 051 Universal head + 60°/- 5° adj. ER16AX UT



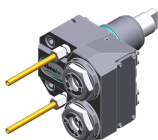
Weight [kg]:	3.640
Notation:	offset
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 16 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	EXT
Please note:	180° reversible
Center distance [mm]:	25
Offset [mm]:	50

8 043 44 052 Universal head + 60°/- 5° adj. ER16AX UTIK



Notation:	offset
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 16 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	180° reversible
Center distance [mm]:	25
Offset [mm]:	50

8 050 44 071 Multispindle drilling head ER 20 AX UT









Weight [kg]:	4.160
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 20 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	32/Sp.
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	EXT
Offset [mm]:	50

Part-#	Name	
8 202 10 005	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.720
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 209 48 001	Adapter for sensor Renishaw RLP	
	Weight [kg]:	0.980
	Notation:	180° reversible
	Shank size [mm]:	44.00
	Shank type:	BMT
	Coolant:	no
8 224 11 012	Cut-off holder sq. 20	
	Weight [kg]:	0.920
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 224 11 013	Cut-off holder sq. 20	
	Weight [kg]:	0.890
	Employment for:	left cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 224 11 014	Turning holder sq. 3/4"	
	Employment for:	left cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 224 11 015	Cut-off holder sq. 3/4"	
	Weight [kg]:	0.900
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT

Part-#	Name	
8 224 12 008	Cut-off holder SH 26	
	Weight [kg]:	1.010
	Employment for:	Cut-off tool 26
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	EXT
8 224 12 009	Cut-off holder SH 26	
	Weight [kg]:	1.120
	Employment for:	for cut-off tool 26
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	EXT
8 224 13 006	Cut-off holder SH 32	
	Weight [kg]:	0.800
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
8 224 14 007	Universal turning holder sq. 20	
	Weight [kg]:	2.030
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 224 14 008	Universal turning holder sq. 3/4"	
	Weight [kg]:	1.970
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 224 14 017	Universal turning holder sq. 20	
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT

Part-#	Name	
8 224 14 024	Universal turning holder sq. 20 IC	
		<p>Weight [kg]: 1.970 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail</p>
8 224 14 030	Universal turning holder sq. 3/4" IC	
		<p>Weight [kg]: 1.700 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail</p>
8 225 11 006	Cut-off holder sq. 20	
		<p>Weight [kg]: 0.900 Employment for: left cutting tools Version: Edge on side of turret Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Coolant: EXT</p>
8 225 11 007	Cut-off holder sq. 20	
		<p>Weight [kg]: 0.900 Employment for: right cutting tools Version: Edge on center of turret Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Coolant: EXT</p>
8 225 11 008	Cut-off holder sq. 3/4"	
		<p>Weight [kg]: 0.910 Employment for: left cutting tools Version: Edge on side of turret Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 3/4" (19,05mm) Coolant: EXT</p>
8 229 15 006	Tool holder C 3 IC	
		<p>Weight [kg]: 1.880 Notation: 180° reversible Version: right Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: heimatec Capto(TM) C 3</p>



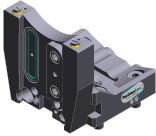
Part-#	Name	
	Coolant:	IC
	Please note:	Check applicability, tool length check!
	Offset [mm]:	45
8 240 15 007	Insert drill holder 16 IC	
	Weight [kg]:	4.540
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 16
	Coolant:	IC
	Center distance [mm]:	75
8 240 15 024	Collet chuck holder ER 25 AX UT	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 16 007	Boring bar holder Ø 20	
	Weight [kg]:	2.130
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 17 020	Boring bar holder Ø 25	
	Weight [kg]:	2.050
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 17 029	Boring bar holder Ø 1"	
	Weight [kg]:	2.050
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 17 038	Boring bar holder Ø 1"	
	Weight [kg]:	2.950
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	92,5

Part-#	Name	
8 240 17 039	Boring bar holder Ø 25	
	Weight [kg]:	2.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	92,5
8 240 17 086	Boring bar holder Ø 25	
	Weight [kg]:	3.540
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Tool adaption on turret center
	Center distance [mm]:	75
8 240 18 025	Boring bar holder Ø 32	
	Weight [kg]:	3.610
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Tool adaption to turret center
	Center distance [mm]:	75
8 240 18 052	Boring bar holder Ø 1 1/4 "	
	Weight [kg]:	3.140
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 18 076	Boring bar holder Ø 32	
	Weight [kg]:	3.400
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Tool adaption on turret center
	Center distance [mm]:	75

Part-#	Name	
8 244 11 003	Facing holder sq. 20	
	Weight [kg]:	2.550
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 244 11 006	Facing holder sq. 3/4"	
	Weight [kg]:	2.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 249 15 008	Double collet chuck holder ER 25 AX UT	
	Weight [kg]:	3.110
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 251 11 004	Double turning holder sq. 20	
	Weight [kg]:	3.250
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 11 005	Double turning holder sq. 16	
	Weight [kg]:	3.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 16
	Coolant:	EXT
8 251 11 008	Double turning holder sq. 3/4"	
	Weight [kg]:	3.240
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT

Part-#	Name	
8 251 13 004	Combi multiple holder 6x sq. 3/4"	
	Weight [kg]:	4.350
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 251 13 023	Combi multiple holder 6x sq. 3/4" IC	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 13 024	Combi multiple holder 3x sq. 3/4" IC	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 14 058	Combi multiple holder 3x sq. 20	
	Employment for:	Main spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 14 060	Combi multiple holder 6x sq. 20	
	Weight [kg]:	4.300
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 14 084	Combi multiple holder 6x sq. 20 IC	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20

Part-#	Name	
	Coolant:	Sq. 20
	Pressure max [bar]:	IC/Ext
	Please note:	100
		Key rail
8 251 14 085	Combi multiple holder 3x sq. 20 IC	
	Weight [kg]:	2.600
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 14 099	Combi double turning holder sq. 20 IC	
	Weight [kg]:	3.140
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 253 17 101	Multiple boring bar holder 2x Ø 25	
	Weight [kg]:	4.700
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
		Ø 25 - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	92,5
8 253 17 102	Multiple boring bar holder 2x Ø 1"	
	Weight [kg]:	4.660
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1"
		Ø 1" - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	92,5
8 259 15 018	Multiple tool holder C 3 IC	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3

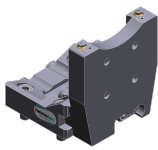
Part-#	Name	
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Note tool length!
	Center distance [mm]:	85
8 259 17 012	Multiple holder Ø 25 and sq. 20 IC	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	92,5
8 263 19 037	Tool holder with rotating centering point	
	Weight [kg]:	3.750
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	85
8 320 12 007	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.230
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 12 008	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 13 003	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.300
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

Part-#	Name
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8 320 13 013 Cut-off holder, height adjustable SH 32 IC

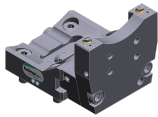
Weight [kg]: 1.580
 Notation: 180° reversible
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption: Clampshaft SH 32
 Coolant: IC/Ext
 Pressure max [bar]: 70
 Please note: with offset cut-off tool holder; use

8 320 13 014 Cut-off holder, height adjustable SH 32 IC



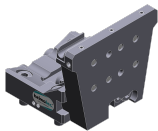
Weight [kg]: 1.490
 Notation: 180° reversible
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption: Clampshaft SH 32
 Coolant: IC/Ext
 Pressure max [bar]: 70
 Please note: Clampshaft internal


8 320 13 032 Cut-off holder, height adjustable SH 32 IC



Weight [kg]: 1.430
 Notation: 180° reversible
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption: Clampshaft SH 32
 Coolant: IC/Ext
 Pressure max [bar]: 70
 Please note: Clampshaft internal; cut-off tool able to penetrate the tool holder body

8 320 19 008 Cut-off holder, height adjustable 845 IC



Weight [kg]: 1.500
 Notation: 180° reversible
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption:  System 845
 Coolant: IC
 Pressure max [bar]: 70
 Please note: Clampshaft internal



● 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>