TOOL CATALOGUE

heimatec®

Miyano

ABX 64 SY

11/2026



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 subsiiary 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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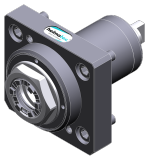
Part-#	Name	
8 010 45 047	**Axial drilling and milling head ER 25 M**	
	Weight [kg]:	1.740
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Tool adaption:	ER 25 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 45 050	**Axial drilling and milling head ER 25 M IC**	
	Weight [kg]:	2.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	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 45 061	**Axial drilling and milling head ER 25**	
	Weight [kg]:	1.780
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 45 096	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	2.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	Combi bearing

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Part-#	Name	
8 010 45 103	**Axial milling and drill holder ER 25 AX UT**	
	Weight [kg]:	1.870
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Please note:	Combi bearing
8 010 45 181	**Axial drilling and milling head C 3 IC**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Check applicability; tool length check !
8 010 45 183	**Axial drilling and milling head C 3**	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
8 010 45 224	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	1.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	EXT

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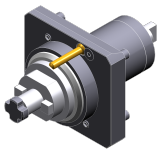
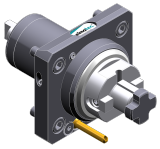
Part-#	Name	
8 010 45 225	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	2.100
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 46 092	**Axial drilling and milling head HT 4**	
	Weight [kg]:	1.700
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 46 112	**Axial drilling and milling head HT 4 IC**	
	Weight [kg]:	1.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	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 46 206	**Axial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	2.110
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	stronger bearing

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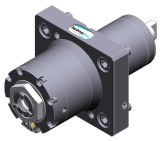
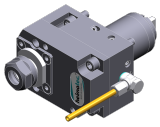
Part-#	Name	
8 011 44 010	**Axial milling head universal arbor 16**	
	Weight [kg]:	1.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 011 44 021	**Axial milling head universal arbor 3/4"**	
	Weight [kg]:	1.840
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 011 45 018	**Axial milling head universal arbor 22**	
	Weight [kg]:	1.940
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 013 44 022	**Axial drilling and milling head ER 16 AX UT**	
	Weight [kg]:	2.350
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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

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Part-#	Name	
8 013 44 023	**Axial drilling and milling head ER 16 AX UT IC**	
	Weight [kg]:	2.450
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	Dryrun possible
8 019 44 012	**Axial drilling and milling head ER 20**	
	Weight [kg]:	4.020
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 44 019	**Axial drilling and milling head ER 16 AX UT**	
	Weight [kg]:	4.260
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
8 019 44 020	**Axial drilling and milling head ER 16 M**	
	Weight [kg]:	3.960
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5

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Part-#	Name	
8 019 44 060	**Axial drilling and milling head ER 20**	
	Weight [kg]:	4.000
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 44 073	**Axial drilling and milling head ER 20 AX UT IC**	
	Weight [kg]:	4.910
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 44 078	**Axial drilling and milling head ER 16 AX UT**	
	Weight [kg]:	3.890
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 44 114	**Axial drilling and milling head ER 20 AX UT**	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5

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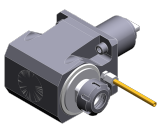
Part-#	Name	
8 019 45 093	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	5.860
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	69
8 019 45 102	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.400
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	69
8 030 44 082	**Radial drilling and milling head ER 16 AX UT**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	65
8 030 44 099	**Radial drilling and milling head ER 16 AX UT IC**	
	Weight [kg]:	4.900
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	65

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Part-#	Name	
8 030 44 109	**Radial drilling and milling head ER 20 AX UT IC**	
	Weight [kg]:	5.950
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	77
8 030 45 096	**Radial drilling and milling head ER 25**	
	Weight [kg]:	5.190
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 45 101	**Radial drilling and milling head ER 25 IC**	
	Weight [kg]:	5.450
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
8 030 45 120	**Radial drilling and milling head ER 25**	
	Weight [kg]:	5.400
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65

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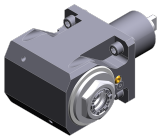
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Part-#	Name	
8 030 45 121	**Radial drilling and milling head ER 25 IC**	
	Weight [kg]:	5.570
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	strong version
	Center distance [mm]:	65
8 030 45 136	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	5.370
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	65
8 030 45 163	**Angle-mill- and drill holder ER 25 AX UT**	
	Weight [kg]:	5.700
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Center distance [mm]:	65
8 030 45 167	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.790
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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

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Part-#	Name	
	Please note:	stronger bearing
	Center distance [mm]:	77
8 030 45 169	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.340
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	65
8 030 45 198	**Angle-mill- and drill holder ER 25 AX UT IC**	
	Weight [kg]:	5.800
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	Combi bearing
	Center distance [mm]:	65
8 030 45 211	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.770
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	77
8 030 45 239	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	5.990
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12

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Part-#	Name	
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	77
8 030 45 253	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.480
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 45 346	**Radial drilling and milling head C 3 IC**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	65
8 030 45 351	**Radial drilling and milling head C 3**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	65

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Part-#	Name	
8 030 45 563	**Radial drilling and milling head Weldon 16**	
	Weight [kg]:	5.850
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 45 599	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	5.980
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	77
8 030 46 196	**Radial drilling and milling head HT 4**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	65
8 030 46 197	**Radial drilling and milling head HT 4 IC**	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

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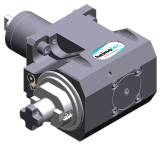
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Part-#	Name	
	Center distance [mm]:	65
8 030 46 356	**Angle-mill- and drill holder ER 32 AX UT IC**	
	Weight [kg]:	5.820
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	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]:	65
8 030 46 563	**Radial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	5.480
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
8 030 46 564	**Radial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	5.120
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 47 122	**Radial drilling and milling head Weldon 25 IC**	
	Weight [kg]:	6.580
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000

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Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
8 031 45 026	**Radial milling head universal arbor 22**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 031 45 054	**Radial milling head universal arbor 1"**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 031 46 004	**Radial milling head universal arbor 27**	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 033 45 061	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.500
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	3:1
	Torque max [Nm]:	32

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Part-#	Name	
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing; check applicability!
	Center distance [mm]:	65
8 037 42 002	**Radial disk mill head arbor 10**	
	Weight [kg]:	4.600
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Center distance [mm]:	78
8 037 43 004	**Radial disk mill head arbor 13**	
	Weight [kg]:	4.630
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Center distance [mm]:	78
8 039 45 076	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.900
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	65

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Part-#	Name	
8 039 45 106	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	6.250
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50/86
8 039 46 031	**Radial drilling and milling head HT 4**	
	Weight [kg]:	6.400
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 040 44 019	**Universal head ± 90° adjustable ER 16**	
	Weight [kg]:	2.460
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	Note swivel range!
	Center distance [mm]:	55
8 040 44 021	**Universal head ± 90° adjustable ER 16**	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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

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Part-#	Name	
	Please note:	position can be pinned; note swivel range!
	Center distance [mm]:	55
8 040 44 023	**Universal head ± 90° adjustable ER 20**	
	Weight [kg]:	2.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	55
8 040 44 104	**Universal head ± 90° adjustable ER 16**	
	Notation:	180° reversible
	Version:	45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	55
8 043 44 004	**Universal head +105°/-20° adj. ER16AX UTIK**	
	Weight [kg]:	5.450
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	180° reversible
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 44 005	**Universal head +105°/-20° adj. ER16 AX UT**	
	Weight [kg]:	5.360
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

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Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 44 006	**Universal head +105°/-20° adj. ER16AX UTIK**	
	Weight [kg]:	5.470
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	180° reversible
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 44 007	**Universal head +105°/-20° adj. ER16 AX UT**	
	Weight [kg]:	5.410
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	180° reversible
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 44 042	**Universal head +105°/-20° adj. ER16AX UTIK**	
	Weight [kg]:	5.470
	Notation:	offset
	Version:	at 71,5° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	180° reversible
	Center distance [mm]:	50

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Part-#	Name	
8 043 45 000	**Universal head +105°/-20° adj. ER25 AX UT**	
	Weight [kg]:	5.580
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
8 043 45 004	**Universal head +105°/-20° adj. ER25AX UTIK**	
	Weight [kg]:	5.660
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	50
	Offset [mm]:	35
8 043 45 005	**Universal head +105°/-20° adj. ER25AX UTIK**	
	Weight [kg]:	5.610
	Notation:	offset; 180° reversible
	Version:	at 42,9° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	50
	Offset [mm]:	35
8 043 45 015	**Universal head +105°/-20° adj. Weldon 16**	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16 special
	Gear ratio [i]:	1:1

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Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 45 017	**Universal head +105°/-20° adj. ER25 AX UT**	
	Weight [kg]:	5.590
	Notation:	offset; 180° reversible; at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
8 043 46 002	**Universal head +105°/-20° adj. Weldon 20**	
	Weight [kg]:	5.790
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 050 43 009	**Multispindle drilling head ER 11**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 050 44 005	**Multispindle drilling head ER 16 AX UT**	
	Weight [kg]:	3.700
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec

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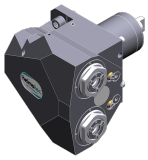
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Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	140
8 050 44 045	**Multispindle drilling head ER 16 AX UT**	
	Weight [kg]:	5.840
	Notation:	offset, 180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	64,359
8 050 44 064	**Multispindle drilling head ER 16 AX UT IC**	
	Weight [kg]:	5.900
	Notation:	offset, 180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability!
	Offset [mm]:	65
8 053 44 032	**Multispindle radial head ER 16 AX UT**	
	Weight [kg]:	6.120
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Coolant:	EXT
	Center distance [mm]:	65

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Part-#	Name	
8 053 44 062	**Multispindle radial head ER16 AX UT IC**	
	Weight [kg]:	6.580
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
8 053 44 063	**Multispindle radial head ER16 AX UT IC**	
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
8 053 44 065	**Multispindle radial head ER 16 AX UT**	
	Weight [kg]:	6.400
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 053 44 066	**Multispindle radial head ER 16 AX UT**	
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	12000

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Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 053 44 067	**Multispindle radial head ER 20 AX UT**	
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 053 44 074	**Multispindle radial head ER 20 AX UTIK**	
	Weight [kg]:	7.320
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 200 02 001	**Cover plate**	
	Weight [kg]:	0.320
	Shank type:	-
8 202 00 010	**Basic holder longitudinal seat FN 12**	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 01 020	**Cut-off holder sq. 20**	
	Weight [kg]:	2.020
	Employment for:	right cutting tools
	Version:	Special; edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT

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Part-#	Name	
8 224 03 016	**Universal turning holder sq. 3/4" IC**	
	Weight [kg]:	2.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 224 04 000	**Universal turning holder sq. 20**	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 224 04 068	**Universal turning holder sq. 20 IC**	
	Weight [kg]:	2.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 229 05 004	**Tool holder C 3 IC**	
	Weight [kg]:	2.980
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65
8 229 05 005	**Tool holder C 3 IC**	
	Weight [kg]:	1.590
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

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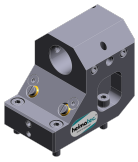
Part-#	Name	
8 240 05 034	**Boring bar holder Ø 16**	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 05 059	**Tool holder C 3 IC**	
	Weight [kg]:	4.130
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 05 060	**Tool holder C 3 IC**	
	Weight [kg]:	3.190
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 06 034	**Boring bar holder Ø 20**	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 07 038	**Boring bar holder Ø 25**	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 07 050	**Boring bar holder Ø 1 1/4 "**	
	Weight [kg]:	3.790
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	140

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Part-#	Name	
	Center distance [mm]:	75
8 240 08 000	**Boring bar holder Ø 32**	
	Weight [kg]:	3.740
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 046	**Boring bar holder Ø 32**	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 074	**Boring bar holder Ø 1 1/2"**	
	Weight [kg]:	4.000
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 09 002	**Boring bar holder Ø 40**	
	Weight [kg]:	2.660
	Version:	offset
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 09 013	**Boring bar holder Ø 40**	
	Weight [kg]:	3.950
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 244 04 019	**Combi facing holder sq. 20**	
	Weight [kg]:	3.700
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT

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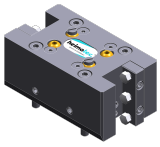
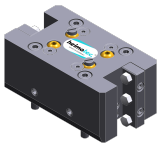
Part-#	Name	
8 249 05 008	**Double tool holder C 3 IC**	
	Weight [kg]:	4.860
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 250 05 002	**Multiple tool holder C 3 IC**	
	Weight [kg]:	2.140
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27
		27
8 250 05 003	**Multiple tool holder C 3 IC**	
	Weight [kg]:	3.730
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65
		65
8 251 03 002	**Combi double turning holder sq. 3/4"IC**	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	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

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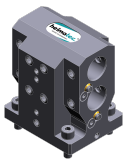
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Part-#	Name	
8 251 04 002	**Combi double turning holder sq. 20**	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 04 003	**Combi double turning holder sq. 3/4"**	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	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 04 059	**Combi double turning holder sq. 20 IC**	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 253 07 000	**Double boring bar holder Ø 25**	
	Weight [kg]:	2.320
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 003	**Multiple boring bar holder Ø 1"**	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85

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Part-#	Name	
8 253 07 004	**Double boring bar holder Ø 1"**	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 006	**Double boring bar holder Ø 25**	
	Weight [kg]:	3.710
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 259 01 006	**Multiple turning holder 4x sq. 20**	
	Weight [kg]:	4.700
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 05 001	**Multiple tool holder C 3 IC**	
	Weight [kg]:	5.590
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length! not
	Offset [mm]:	65
		65
8 259 05 002	**Multiple tool holder C 3 IC**	
	Weight [kg]:	6.330
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3

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Part-#	Name	
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 259 05 003	**Multiple tool holder C 3 IC**	
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
	Offset [mm]:	+32 -32
8 259 05 004	**Multiple tool holder C 3 IC**	
	Weight [kg]:	4.390
	Notation:	180° reversible
	Version:	right; offset; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 259 05 005	**Multiple tool holder C 3 IC**	
	Weight [kg]:	4.210
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!; not
	Offset [mm]:	27 27
8 259 05 006	**Multiple tool holder C 3 IC**	
	Weight [kg]:	2.840
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

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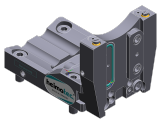
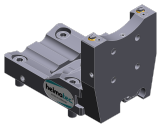
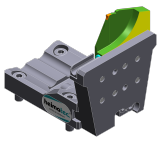
Part-#	Name	
8 259 05 007	**Multiple tool holder C 3 IC**	
	Weight [kg]:	4.000
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65
8 259 09 001	**Multiple holder ø25 and sq. 20**	
	Weight [kg]:	3.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	ø25/ sq. 20 ø25/ sq. 20
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 261 08 000	**Tool holder for centering insert**	
	Weight [kg]:	5.270
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	55
8 263 09 000	**Tool holder with rotating centering point**	
	Weight [kg]:	4.070
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
8 320 02 017	**Cut-off holder, height adjustable SH 26 IC**	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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ABX 64 SY

Part-#	Name	
8 320 02 018	**Cut-off holder, height adjustable SH 26 IC**	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 03 007	**Cut-off holder, height adjustable SH 32 IC**	
	Weight [kg]:	1.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140
8 320 03 027	**Cut-off holder, height adjustable SH 32 IC**	
	Weight [kg]:	1.650
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Clampshaft internal
8 320 09 003	**Cut-off holder, height adjustable 845 IC**	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	HORN System 845
	Coolant:	IC
	Pressure max [bar]:	70
8 320 09 007	**Cut-off holder, height adjustable 845 IC**	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	HORN System 845
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Clampshaft internal

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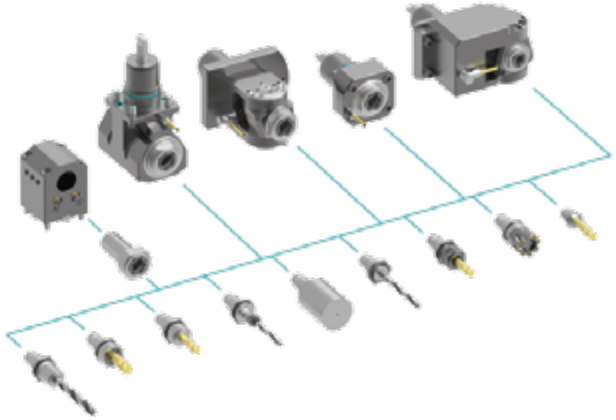
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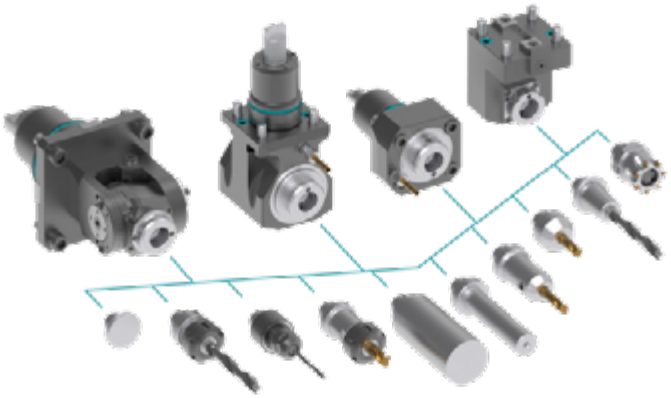
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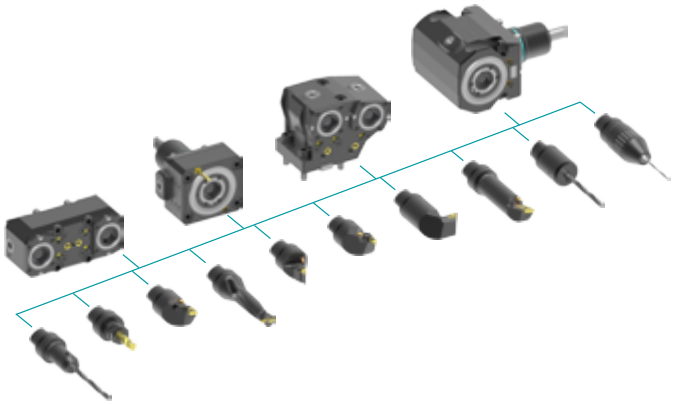
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