

Miyano
BNA 34 S



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production


Digital tool management




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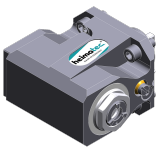
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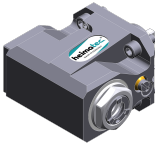
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Part-#	Name	
8 010 34 017	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	1.450
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 34 018	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	1.440
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 34 022	Axial drilling and milling head ER 20 AX UT	
	Weight [kg]:	1.310
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 34 023	Axial drilling and milling head ER 16 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible

Part-#	Name	
8 010 34 025	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	1.480
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 34 026	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	1.500
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 35 020	Axial drilling and milling head C 3	
	Weight [kg]:	3.280
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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 !
8 013 34 007	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	1.780
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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

Part-#	Name	
8 013 34 008	Axial drilling and milling head ER 16 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	Check applicability; note tool length!
8 019 34 004	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	2.500
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 34 005	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	3.100
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	34,5
8 019 34 006	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	2.510
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
8 019 34 007	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	3.260
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	29
8 019 35 012	Axial drilling and milling head C 3 IC	
	Weight [kg]:	5.990
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Offset [mm]:	71
8 030 34 016	Angle-mill- and drill holder ER 16 AX UT	
	Weight [kg]:	3.320
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	59
8 030 34 017	Angle-mill- and drill holder ER 16 AX UT IC	
	Weight [kg]:	3.560
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	59
8 030 34 018	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.920
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	73,5
8 030 34 019	Radial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	3.980
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	73,5
8 030 34 026	Angle-mill- and drill holder ER 20 AX UT	
	Weight [kg]:	3.300
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	59
8 030 34 028	Angle-mill- and drill holder ER 20 AX UT IC	
	Weight [kg]:	3.550
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20

Part-#	Name
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Rotation max [1/min]:	8000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	Combi bearing
Center distance [mm]:	59

8 030 34 029 Radial drilling and milling head ER 16 AX UT



Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
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]:	59

8 030 34 036 Radial drilling and milling head ER 16 AX UT



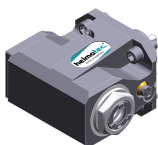
Weight [kg]:	3.970
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
Shank type:	BMT
Tool adaption:	ER 16 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	6
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	EXT
Center distance [mm]:	73,5

8 030 34 037 Radial drilling and milling head ER 16 AX UT IC



Weight [kg]:	3.900
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
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]:	59

8 030 34 045 Radial drilling and milling head ER 20 AX UT IC



Weight [kg]:	3.520
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
Shank type:	BMT
Tool adaption:	ER 20 A - u-tec

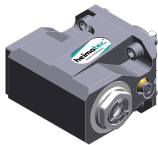
Part-#	Name
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Gear ratio [i]: 1:1
 Torque max [Nm]: 20
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 59

8 030 34 046 Radial drilling and milling head ER 20 AX UT

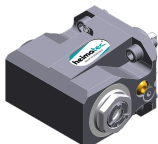
Weight [kg]: 3.270
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 59

8 030 34 048 Radial drilling and milling head ER 16 AX UT IC



Weight [kg]: 3.540
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 59

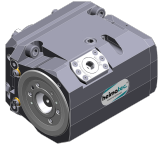
8 030 34 049 Radial drilling and milling head ER 16 AX UT



Weight [kg]: 3.280
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 59

Part-#	Name
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8 030 35 031



Radial drilling and milling head C 3 IC

Weight [kg]: 6.790
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 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

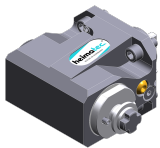
8 030 35 032



Radial drilling and milling head C 3 IC

Weight [kg]: 6.180
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 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

8 031 34 003



Radial polygon head arbor 16

Weight [kg]: 3.420
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: Polygon arbor 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 59

8 033 34 003

Radial drilling and milling head ER 16 AX UT

Weight [kg]: 3.960
 Notation: offset
 Employment for: Sub spindle
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20

Part-#	Name
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Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	59

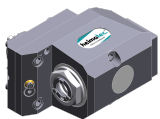
8 033 34 004 Radial drilling and milling head ER 16 AX UT IC

Weight [kg]:	4.360
Notation:	offset
Employment for:	Sub spindle
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
Shank type:	BMT
Tool adaption:	ER 16 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	20
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	Combi bearing
Center distance [mm]:	59



8 033 34 007 Radial drilling and milling head ER 20 AX UT

Weight [kg]:	4.070
Notation:	offset
Employment for:	Sub spindle
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
Shank type:	BMT
Tool adaption:	ER 20 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	20
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	59

8 033 34 008 Radial drilling and milling head ER 20 AX UT IC



Weight [kg]:	4.240
Notation:	offset
Employment for:	Sub spindle
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	38.00
Shank type:	BMT
Tool adaption:	ER 20 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	20
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	Combi bearing
Center distance [mm]:	59

Part-#	Name	
8 033 34 009	Radial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.340
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	59
8 033 34 010	Radial drilling and milling head ER 16 AX UT	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	same
	Coolant:	EXT
	Center distance [mm]:	59
8 037 31 000	Radial disk mill head arbor 8	
	Weight [kg]:	3.720
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	Arbor 8
	Gear ratio [i]:	2:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability!
	Center distance [mm]:	65
8 037 33 002	Radial disk mill head arbor 13	
	Weight [kg]:	3.780
	Notation:	180° reversible
	Version:	0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	Arbor 13
	Gear ratio [i]:	2:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name
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Please note: Check applicability!
Center distance [mm]: 65

8 037 34 003



Woodruff keycutter ER 16 AX UT
Weight [kg]: 3.300
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: ER 16 A - u-tec
Gear ratio [i]: 2:1
Torque max [Nm]: 20
Rotation max [1/min]: 3000
Rotating direction: opposite
Coolant: EXT
Center distance [mm]: 65

8 037 34 007



Radial disk mill head arbor 16
Weight [kg]: 3.880
Notation: 180° reversible
Version: 0° position can be pinned
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: Arbor 16
Gear ratio [i]: 2:1
Torque max [Nm]: 20
Rotation max [1/min]: 3000
Rotating direction: opposite
Coolant: EXT
Please note: Check applicability!
Center distance [mm]: 65

8 039 34 006




Radial drilling and milling head ER 16 AX UT
Weight [kg]: 2.800
Notation: 180° reversible
Version: double spindle
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: ER 16 u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 20
Rotation max [1/min]: 12000
Rotating direction: same/opposite
Coolant: EXT
Please note: stronger bearing
Center distance [mm]: 59

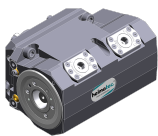
8 039 34 007






Radial drilling and milling head ER 16 AX UT
Weight [kg]: 4.370
Notation: offset
Employment for: Main- and sub spindle
Version: double spindle
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00

Part-#	Name	
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	59
8 039 34 012	Radial drilling and milling head ER 20 AX UT	
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	59
8 039 34 013	Radial drilling and milling head ER 20 AX UT	
	Weight [kg]:	4.260
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	59
8 039 34 014	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	4.270
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	45/80

Part-#	Name	
8 039 34 015	Radial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.620
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	45/80
8 039 34 018	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	4.370
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	59
8 039 35 008	Radial drilling and milling head C 3	
	Weight [kg]:	7.675
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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/opposite
	Coolant:	EXT
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	65



Part-#	Name	
8 043 34 002	Universal head +105°/-20° adj. ER16 AX UT	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	140
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 34 003	Universal head +105°/-20° adj. ER16AX UTIK	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 34 004	Universal head +105°/-20° adj. ER16 AX UT	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 34 005	Universal head +105°/-20° adj. ER16AX UTIK	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	12000

Part-#	Name
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Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 25
Center distance [mm]: 50
Offset [mm]: 35

8 043 34 006 Universal head +120°/-40° adj. ER16 AX UT

Weight [kg]: 4.790
Notation: offset
Employment for: Main spindle
Version: Special
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: ER 16 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 20
Rotation max [1/min]: 6000
Rotating direction: opposite
Coolant: EXT
Center distance [mm]: 50
Offset [mm]: 35

8 043 34 012 Universal head +110°/-90° adj. ER16 AX UT



Notation: offset; 180° reversible
Employment for: Main- and sub spindle
Version: Special
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: ER 16 A - u-tec
Gear ratio [i]: 1:2
Torque max [Nm]: 6
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: EXT
Pressure max [bar]: 140
Please note: Note swivel range!
Center distance [mm]: 66
Offset [mm]: 15

8 043 34 019 Universal head - 30°/-90° adj. ER16AX UTIK



Notation: offset; 180° reversible
Employment for: Main- and sub spindle
Version: Special
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 38.00
Shank type: BMT
Tool adaption: ER 16 A - u-tec
Gear ratio [i]: 1:2
Torque max [Nm]: 6
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: Note swivel range!
Center distance [mm]: 66

Part-#	Name
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Offset [mm]: 15

8 050 34 000



Multispindle drilling head ER 16 AX UT
 Weight [kg]: 3.400
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 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: EXT
 Offset [mm]: 60

8 050 34 002

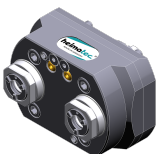


Multispindle drilling head ER 16 AX UT
 Weight [kg]: 3.250
 Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20/Sp.
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Offset [mm]: ±34,5

8 050 34 003

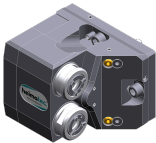

Multispindle drilling head ER 16 AX UT IC
 Weight [kg]: 4.130
 Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 20/Sp.
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Offset [mm]: +34,5/-34,5

8 050 34 005





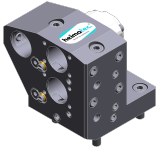

Multispindle drilling head ER 16 AX UT
 Weight [kg]: 3.160
 Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 38.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 6/Sp.

Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	+34,5/-34,5
8 053 34 000	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	4.560
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	37/72
8 053 34 001	Multispindle radial head ER 16AX UT IC	
	Weight [kg]:	4.980
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	37/72
8 053 34 004	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	4.910
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	45/80

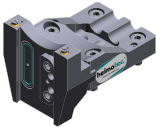

Part-#	Name	
8 053 34 005	Multispindle radial head ER 16AX UT IC	
	Weight [kg]:	5.510
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	45/80
8 053 34 009	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	5.520
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	2-spindles; offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	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:	stronger bearing
	Center distance [mm]:	80
8 068 34 000	Radial whirling unit HW 46	
	Weight [kg]:	4.100
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	HW 46
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	no
	Center distance [mm]:	65
8 200 02 000	Cover plate	
	Weight [kg]:	0.248
	Shank type:	-

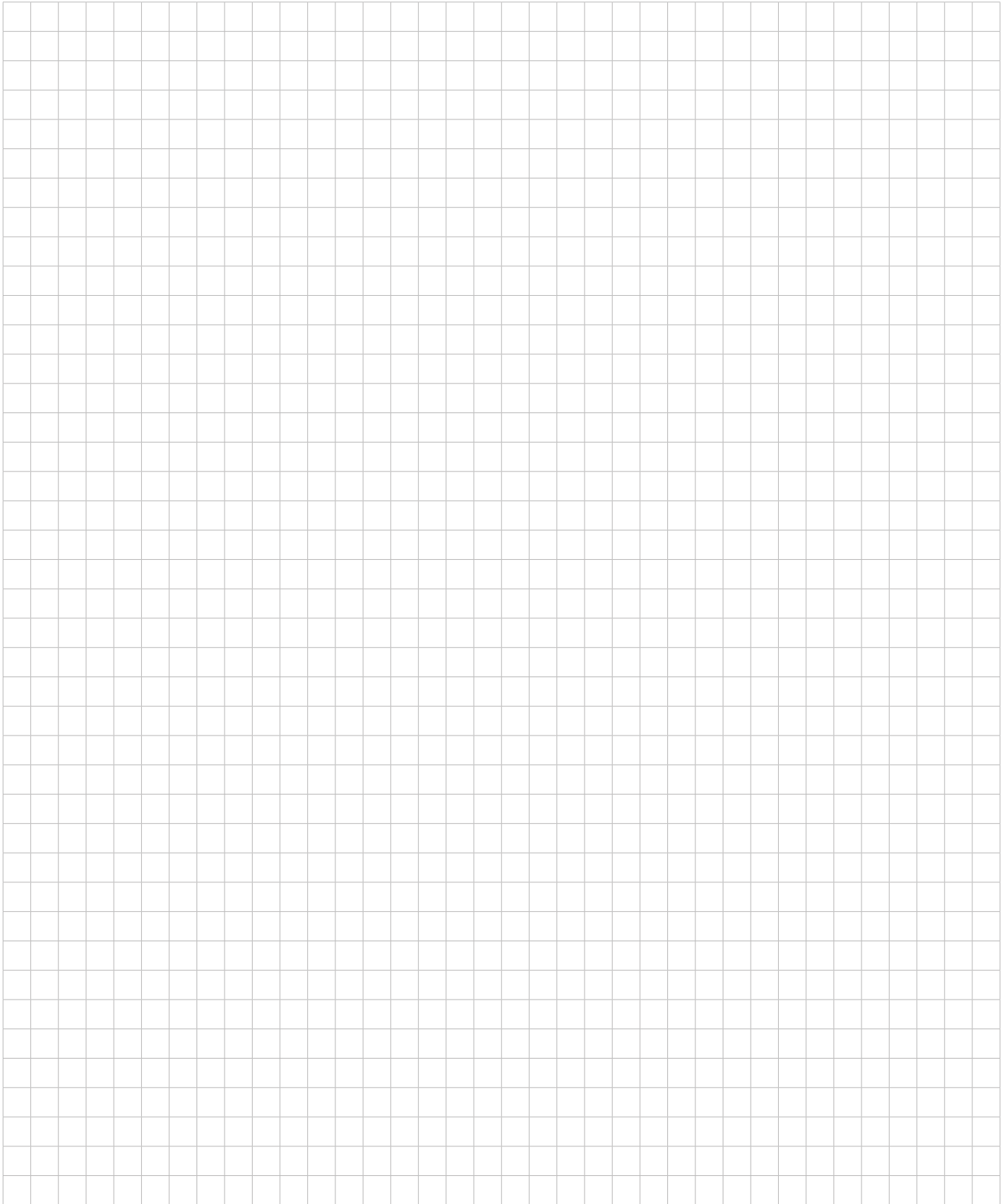
Part-#	Name	
8 202 00 012	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.860
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 04 071	Universal turning holder sq. 20 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Key rail
8 229 05 008	Tool holder C 3 IC	
	Weight [kg]:	1.360
	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]:	20
8 229 05 011	Tool holder C 3 IC	
	Weight [kg]:	2.520
	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]:	54
8 229 34 000	Adapter for sensor Blum TC 54-10 T	
	Weight [kg]:	0.530
	Shank size [mm]:	38.00
	Shank type:	BMT
	Tool adaption:	Blum TC54-10T
8 240 05 067	Tool holder C 3 IC	
	Weight [kg]:	3.250
	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]:	75

Part-#	Name	
8 240 05 068	Tool holder C 3 IC	
	Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	2.790 180° reversible offset; right BMT Centering bolt ø 12 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 75
8 240 08 035	Boring bar holder Ø 32	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	2.840 offset, 180° reversible BMT Centering bolt ø 12 Ø 32 IC/Ext 60
8 249 05 010	Double tool holder C 3 IC	
	Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	Main- and sub spindle right BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 75
8 250 05 005	Multiple tool holder C 3 IC	
	Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	Main- and sub spindle right BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 20 20
8 250 05 009	Multiple tool holder C 3 IC	
	Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	Main- and sub spindle right BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 54 54

Part-#	Name	
8 251 01 000	Multiple turning holder sq. 16	
	Weight [kg]:	3.800
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Sq. 16
		Sq. 16
	Coolant:	EXT
	Please note:	no coolant at 15°
8 251 01 002	Multiple turning holder sq. 5/8"	
	Weight [kg]:	3.810
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Sq. 5/8" (15,875mm)
		Sq. 5/8" (15,875mm)
	Coolant:	EXT
	Please note:	no coolant at 15°
8 253 07 008	Multiple boring bar holder Ø 25	
	Weight [kg]:	3.170
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Please note:	no coolant at 15°
	Center distance [mm]:	44/79
8 253 07 018	Multiple boring bar holder Ø 1"	
	Weight [kg]:	3.180
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Please note:	no coolant at 15°
	Center distance [mm]:	44/79
8 253 07 048	Multiple boring bar holder Ø 25	
	Weight [kg]:	2.810
	Notation:	offset
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	44/79

Part-#	Name	
8 259 05 013	Multiple tool holder C 3 IC	
	<p>Notation: Version: Shank type: Machine adaption: Tool adaption:</p> <p>Coolant: Please note: Center distance [mm]:</p>	<p>180° reversible right; Y-axes offset BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 75</p>
8 259 05 014	Multiple tool holder C 3 IC	
	<p>Notation: Version: Shank type: Machine adaption: Tool adaption:</p> <p>Coolant: Please note: Center distance [mm]:</p>	<p>180° reversible right; offset; Y-axes offset BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 75</p>
8 259 05 015	Multiple tool holder C 3 IC	
	<p>Employment for: Version: Shank type: Machine adaption: Tool adaption:</p> <p>Coolant: Please note: Center distance [mm]:</p>	<p>Main- and sub spindle right; Y-axes offset BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 75</p>
8 259 05 022	Multiple tool holder C 3 IC	
	<p>Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption:</p> <p>Coolant: Please note: Offset [mm]:</p>	<p>4.630 Main- and sub spindle right; Y-axes offset BMT Centering bolt ø 12 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! not 54 54</p>

Part-#	Name	
8 320 02 011	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 02 016	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.450
	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 03 019	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.720
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	with offset cut-off tool holder
8 320 03 021	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.470
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 03 026	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 09 002	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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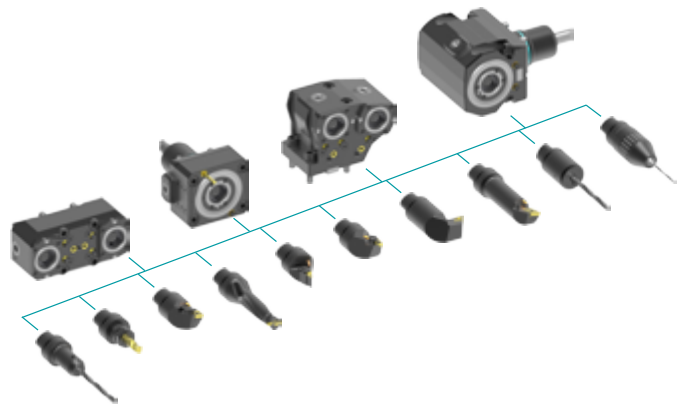
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