

Nakamura
WY-100 V



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

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

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

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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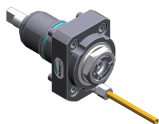
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Part-#

Name

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

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

Part-#	Name
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8 010 44 091

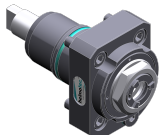
Axial drilling and milling head ER 20 AX UT



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

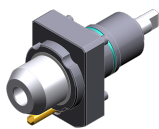
Axial drilling and milling head ER 20 AX UT IC




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

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

Part-#	Name	
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
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

Part-#

Name

8 010 45 192

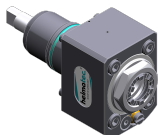
Axial milling and drill holder ER 25 AX UT IC



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




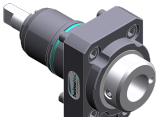
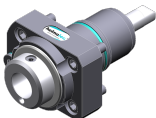

Weight [kg]: 1.500
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT

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

Part-#	Name	
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
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

Part-#	Name
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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

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

Part-#

Name

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

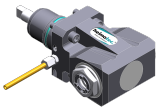
Axial drilling and milling head ER 16

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
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: EXT
Please note: Umsetzbarkeit check !
Offset [mm]: 34,5

Part-#	Name	
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
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name	
	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
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

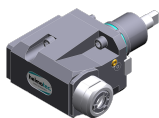


Part-#	Name	
	Torque max [Nm]:	16
	Rotation max [1/min]:	20000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Umsetzbarkeit check !
	Offset [mm]:	34,5
8 030 44 060	Radial drilling and milling head ER 16 AX UT IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	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]:	60
8 030 44 065	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	4.360
	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
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	68,5
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

Part-#	Name
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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 44 069	Radial drilling and milling head ER 20 AX UT
Weight [kg]:	4.520
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]:	1:2
Torque max [Nm]:	8
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	EXT
Please note:	stronger bearing
Center distance [mm]:	68,5



8 030 44 070	Radial drilling and milling head ER 20 AX UT IC
Weight [kg]:	4.570
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]:	1:2
Torque max [Nm]:	8
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	stronger bearing
Center distance [mm]:	68,5

8 030 44 083	Radial drilling and milling head ER 16 AX UT
Weight [kg]:	4.580
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:	EXT
Please note:	stronger bearing; Umsetzbarkeit check !
Center distance [mm]:	75

8 030 44 172 Radial drilling and milling head ER 16 AX UT

Weight [kg]:	4.360
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]:	1:3
Torque max [Nm]:	8
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	EXT
Center distance [mm]:	68,5

8 030 44 173 Radial drilling and milling head ER 16 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 16 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	8
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	68,5

8 030 44 179 Radial drilling and milling head ER 16 AX UT



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]:	1:4
Torque max [Nm]:	5
Rotation max [1/min]:	24000
Rotating direction:	opposite
Coolant:	EXT
Center distance [mm]:	60

8 030 44 180 Radial drilling and milling head ER 16 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 16 A - u-tec
Gear ratio [i]:	1:4
Torque max [Nm]:	5
Rotation max [1/min]:	24000
Rotating direction:	opposite

Part-#	Name
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Coolant: IC/Ext
Pressure max [bar]: 140
Center distance [mm]: 60

8 030 44 214 Radial drilling and milling head ER 20 AX UT

Weight [kg]: 4.750
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]: 1:2
Torque max [Nm]: 8
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: EXT
Please note: stronger bearing; check applicability !
Center distance [mm]: 75

8 030 44 225 Radial drilling and milling head ER 20 AX UT



Weight [kg]: 3.830
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]: 60


8 030 44 226 Radial drilling and milling head ER 20 AX UT IC


Weight [kg]: 4.250
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]: 60

8 030 44 237 Angle-mill- and drill holder ER 20 AX UT



Weight [kg]: 3.880
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

Part-#	Name	
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	60
8 030 44 238	Angle-mill- and drill holder 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]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	60
8 030 45 158	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	4.520
	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]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	72
8 030 45 218	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	5.040
	Notation:	180° reversible
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	72

Part-#	Name	
8 030 45 326	Radial drilling and milling head C 3 IC	
	Notation:	180° reversible
	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]:	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]:	58
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
8 030 45 540	Angle-mill- and drill holder ER 25 AX UT	
	Weight [kg]:	4.190
	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]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	60
8 030 45 560	Radial drilling and milling head Weldon 3/4"	
	Weight [kg]:	4.420
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 3/4" (19,05mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name
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Please note: Combi bearing
Center distance [mm]: 60

8 030 45 574



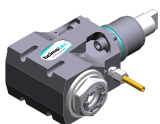
Radial drilling and milling head ER 25 AX UT
Weight [kg]: 3.740
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 44.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 32
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: EXT
Center distance [mm]: 60

8 030 45 575



Radial drilling and milling head ER 25 AX UT IC
Weight [kg]: 4.600
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]: 60

8 030 45 609





Angle-mill- and drill holder ER 25 AX UT
Weight [kg]: 3.900
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]: 8000
Rotating direction: opposite
Coolant: EXT
Please note: Combi bearing
Center distance [mm]: 60

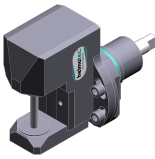
8 030 45 610



Angle-mill- and drill holder ER 25 AX UT IC
Weight [kg]: 4.240
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

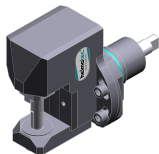
Part-#	Name	
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	60
8 030 46 266	Radial drilling and milling head HT 4	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	140
	Center distance [mm]:	60
8 030 46 267	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	4.250
	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]:	32
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	60
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

Part-#	Name	
8 030 46 503	Radial drilling and milling head HT 4	
	Weight [kg]:	3.540
	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]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	60
8 030 46 504	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	3.790
	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]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	60
8 031 40 000	Radial milling head arbor 5	
	Weight [kg]:	2.480
	Notation:	180° reversible
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	Arbor 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with interchangeable arbor
	Center distance [mm]:	60
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

Part-#	Name	
	Please note:	Combi bearing
	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
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8 037 43 003



Radial disk mill head arbor 13

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

8 037 44 012

Radial disk mill head arbor 16

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

8 039 44 032

Radial drilling and milling head ER 16 AX UT

Weight [kg]: 3.780
 Notation: 180° reversible
 Version: double spindle
 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/opposite
 Coolant: EXT
 Please note: stronger bearing
 Center distance [mm]: 60

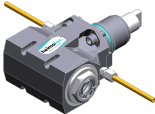
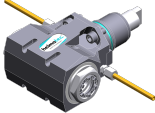
8 039 44 058


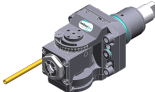

Radial drilling and milling head ER 16 AX UT



Weight [kg]: 4.690
 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: ER 16 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 8
 Rotation max [1/min]: 16000
 Rotating direction: same/opposite
 Coolant: EXT
 Please note: stronger bearing
 Center distance [mm]: 68,5

Part-#

Name

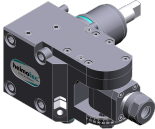
8 039 44 059	Radial drilling and milling head ER 16 AX UT	Weight [kg]: Notation: Employment for: Version: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Please note: Center distance [mm]:	4.660 180° reversible Main- and sub spindle double spindle Flat (~DIN 1809) 44.00 BMT ER 16 A - u-tec 1:3 6 20000 same/opposite EXT stronger bearing 68,5
	8 039 44 094 Radial drilling and milling head ER 20 AX UT	Weight [kg]: Notation: Version: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Please note: Center distance [mm]:	4.140 180° reversible double spindle Flat (~DIN 1809) 44.00 BMT ER 20 A - u-tec 1:1 32 12000 same/opposite EXT stronger bearing 60
	8 039 45 009 Radial drilling and milling head ER 25 AX UT	Weight [kg]: Notation: Version: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Please note: Center distance [mm]:	4.080 180° reversible double spindle Flat (~DIN 1809) 44.00 BMT ER 25 A - u-tec 1:1 32 12000 same/opposite EXT stronger bearing 60
8 040 43 003	Universal head ± 90° adjustable ER 11 AX	Weight [kg]: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]:	3.550 Flat (~DIN 1809) 44.00 BMT ER 11 A 1:1 10


Part-#	Name	
	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
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


Part-#	Name	
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
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

Part-#	Name
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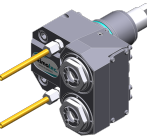
8 043 43 004	Universal head +155° adj. ER11 AX IC
Weight [kg]:	4.500
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	44.00
Shank type:	BMT
Tool adaption:	ER 11 A
Gear ratio [i]:	1:2
Torque max [Nm]:	5
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
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
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

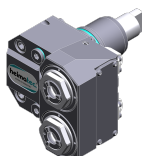
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	180° reversible
	Center distance [mm]:	25
	Offset [mm]:	50
8 050 44 010	Multispindle drilling head ER 16 AX UT	
	Notation:	offset
	Version:	3-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	2xER 16 A UT offset, 1x centered
8 050 44 011	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	3.810
	Notation:	offset; 180° reversible
	Version:	2-spindles in short version
	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]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	50
8 050 44 018	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	4.830
	Notation:	offset; 180° reversible
	Version:	2-spindles
	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
	Coolant:	EXT
	Offset [mm]:	50

Part-#	Name	
	8 050 44 019	Multispindle drilling head ER 16 AX UT
	Notation:	offset; 180° reversible
	Version:	2-spindles
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	50
	8 050 44 021	Multispindle drilling head ER 16 AX UT
	Weight [kg]:	3.770
	Notation:	offset; 180° reversible
	Version:	2-spindles in short version
	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
	Coolant:	EXT
Offset [mm]:	50	
	8 050 44 024	Multispindle drilling head ER 16 AX UT IC
	Weight [kg]:	4.840
	Notation:	offset; 180° reversible
	Version:	2-spindles
	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
	Coolant:	IC/Ext
Pressure max [bar]:	25	
Offset [mm]:	50	
	8 050 44 069	Multispindle drilling head ER 16 AX UT
	Weight [kg]:	4.060
	Notation:	offset; 180° reversible
	Version:	2-spindles
	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]:	32/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same

Part-#	Name
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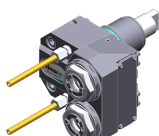
Coolant: EXT
Offset [mm]: 50

8 050 44 070



Multispindle drilling head ER 16 AX UT IC
Weight [kg]: 4.150
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]: 32/Sp.
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: IC/Ext
Pressure max [bar]: 140
Offset [mm]: 50

8 050 44 071



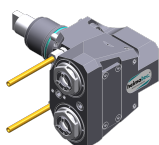
Multispindle drilling head ER 20 AX UT
Weight [kg]: 4.160
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 44.00
Shank type: BMT
Tool adaption: ER 20 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 32/Sp.
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: EXT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

8 053 44 068



Multispindle radial head ER 16 AX UT
Notation: 180° reversible
Version: 2-spindles
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]: 32/Sp
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: EXT
Pressure max [bar]: 140
Center distance [mm]: 60

8 053 44 070





Multispindle radial head ER 16 AX UT
Weight [kg]: 5.600
Notation: 180° reversible
Version: 2-spindles
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

Part-#	Name	
	Torque max [Nm]:	16/Sp
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	60
8 053 44 071	Multispindle radial head ER 16 AX UTIK	
	Weight [kg]:	5.600
	Notation:	180° reversible
	Version:	2-spindles
	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/Sp
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	60
8 068 44 000	Radial whirling unit HW 46	
	Weight [kg]:	4.960
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	44.00
	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
	Please note:	without cutting inserts carrier
	Center distance [mm]:	63
8 200 03 011	Cover plate	
	Weight [kg]:	0.214
	Shank type:	BMT
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






Part-#	Name	
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
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

Part-#	Name	
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
8 224 14 024	Universal turning holder sq. 20 IC	
	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
8 224 14 030	Universal turning holder sq. 3/4" IC	
	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




Part-#	Name	
	Please note:	Key rail
8 225 11 006	Cut-off holder sq. 20	
	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
8 225 11 007	Cut-off holder sq. 20	
	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
8 225 11 008	Cut-off holder sq. 3/4"	
	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
8 229 15 006	Tool holder C 3 IC	
	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
	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 15 011	Collet chuck holder ER 25	
	Weight [kg]:	1.910
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	60

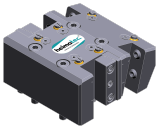

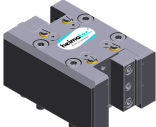
Part-#	Name	
8 240 15 024	Collet chuck holder ER 25 AX UT	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 15 025	Collet chuck holder ER 25 AX UT	
	Weight [kg]:	2.100
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	60
8 240 15 042	Tool holder C 3 IC	
	Weight [kg]:	2.300
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	70
8 240 15 043	Tool holder C 3 IC	
	Weight [kg]:	2.470
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length
	Center distance [mm]:	70
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 16 068	Tool holder C 4 IC	
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Pressure max [bar]:	100

Part-#	Name	
	Please note: Center distance [mm]:	Check applicability; note tool length! 75
8 240 17 009	Boring bar holder Ø 25	
	Weight [kg]: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	1.740 Centering key b 20 Ø 25 IC/Ext 60
8 240 17 020	Boring bar holder Ø 25	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	2.050 180° reversible BMT Centering key b 20 Ø 25 IC/Ext 75
8 240 17 029	Boring bar holder Ø 1"	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	2.050 180° reversible BMT Centering key b 20 Ø 1" (25,4mm) IC/Ext 75
8 240 17 083	Boring bar holder Ø 25	
	Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	180° reversible special offset BMT Centering key b 20 Ø 25 IC/Ext Tool holder on turret center 60
8 240 17 086	Boring bar holder Ø 25	
	Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	3.540 180° reversible offset BMT Centering key b 20 Ø 25 IC/Ext Tool adaption on turret center 75




Part-#	Name	
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 18 027	Boring bar holder Ø 32	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Tool holder on turret center
	Center distance [mm]:	60
8 240 18 048	Boring bar holder Ø 1 1/4 "	
	Weight [kg]:	2.750
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Tool holder on turret center
	Center distance [mm]:	60
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


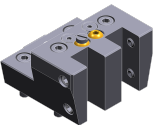

Part-#	Name	
8 244 11 003	Facing holder sq. 20	
	Weight [kg]:	2.550
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 244 11 006	Facing holder sq. 3/4"	
	Weight [kg]:	2.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	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
8 249 15 014	Double tool holder C 3 IC	
	Weight [kg]:	3.500
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability!; note tool length!
	Center distance [mm]:	70
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


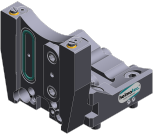
Part-#	Name	
8 251 11 008	Double turning holder sq. 3/4"	
	Weight [kg]:	3.240
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 251 13 020	Combi multiple holder 3x sq. 3/4" IC	
	Weight [kg]:	2.280
	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 13 025	Combi multiple holder 3x sq. 3/4"	
	Weight [kg]:	2.100
	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)
	Coolant:	EXT
8 251 13 026	Combi multiple holder 6x sq. 3/4" IC	
	Weight [kg]:	3.400
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4"
		Sq. 3/4"
		Sq. 3/4"
		Sq. 3/4"
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 14 008	Combi multiple holder 6x sq. 20	
	Weight [kg]:	3.660
	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

Part-#	Name	
8 251 14 010	Combi multiple holder 3x sq. 20	
	Weight [kg]:	2.390
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20 Sq. 20
	Coolant:	EXT
8 251 14 014	Combi multiple holder 6x sq. 3/4"	
	Weight [kg]:	3.690
	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 14 076	Combi multiple holder 6x sq. 20 IC	
	Weight [kg]:	3.620
	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]:	100
	Please note:	Key rail
8 251 14 077	Combi multiple holder 3x sq. 20 IC	
	Weight [kg]:	2.270
	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

Part-#	Name	
8 251 14 106	Combi multiple holder 3x sq. 20 IC	
	Weight [kg]: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	2.160 BMT Centering key b 20 Sq. 20 Sq. 20 IC/Ext 100 Key rail
8 251 14 107	Combi multiple holder 6x sq. 20 IC	
	Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	3.280 Main- and sub spindle BMT Centering key b 20 Sq. 20 Sq. 20 Sq. 20 Sq. 20 IC/Ext 100 Key rail
8 251 15 036	Multiple tool holder C 3 IC	
	Weight [kg]: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	2.340 right BMT Centering key b 20 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 - 15° IC Check applicability; note tool length 45
8 253 14 005	Multiple collet chuck holder ER 16 AX UT	
	Weight [kg]: Notation: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	3.800 180° reversible Main- and sub spindle BMT Centering key b 20 ER 16 A - u-tec/2x ER 16 A - u-tec - 15° ER 16 A - u-tec/2x ER 16 A - u-tec - 15° IC/Ext 75
8 253 15 002	Multiple tool holder C 3 IC	
	Weight [kg]: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	3.680 right BMT Centering key b 20 heimatec Capto(TM) C 3 IC Check applicability, note tool length! 70

Part-#	Name	
8 253 15 004	Multiple boring bar holder 3x Ø 16	
	Weight [kg]:	3.330
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 16
		Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	56/80
8 253 15 020	Multiple tool holder C 3 IC	
	Weight [kg]:	3.450
	Version:	offset, right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability, note tool length!
	Center distance [mm]:	70
8 253 17 020	Multiple boring bar holder 2x Ø 25	
	Weight [kg]:	3.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
		Ø 25 - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 253 17 033	Multiple boring bar holder 2x Ø 1"	
	Weight [kg]:	3.270
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm) - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 253 17 037	Multiple boring bar holder 2x Ø 25	
	Weight [kg]:	3.590
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
		Ø 25 - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	80

Part-#	Name	
8 254 11 000	Multiple facing holder 3x sq. 20	
	Weight [kg]:	3.370
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20 - 15°
		Sq. 20 - 15°
	Coolant:	EXT
	Center distance [mm]:	70
8 254 11 001	Multiple facing holder 3x sq. 12	
	Weight [kg]:	3.820
	Employment for:	Main- and sub spindle
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 12
		Sq. 12
	Coolant:	EXT
	Center distance [mm]:	78
8 254 14 000	Multiple facing holder 3x sq. 20	
	Weight [kg]:	3.580
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Center distance [mm]:	70
8 259 11 002	Multiple turning holder 2x sq. 20	
	Weight [kg]:	2.080
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 15 015	Multiple tool holder C 3 IC	
	Weight [kg]:	5.880
	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
	Coolant:	IC
	Please note:	Check applicability, note tool length!
	Center distance [mm]:	70

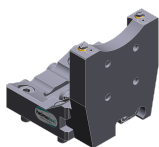
Part-#	Name	
8 259 19 005	Multiple holder Ø 25 and sq. 20	
	Weight [kg]:	3.980
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 261 18 006	Tool holder for centering insert	
	Weight [kg]:	2.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	60
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

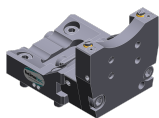
Weight [kg]:	1.580
Notation:	180° reversible
Shank type:	BMT
Machine adaption:	Centering key b 20
Tool adaption:	Clampshaft SH 32
Coolant:	IC/Ext
Pressure max [bar]:	70
Please note:	with offset cut-off tool holder; use

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



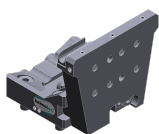
Weight [kg]:	1.490
Notation:	180° reversible
Shank type:	BMT
Machine adaption:	Centering key b 20
Tool adaption:	Clampshaft SH 32
Coolant:	IC/Ext
Pressure max [bar]:	70
Please note:	Clampshaft internal


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

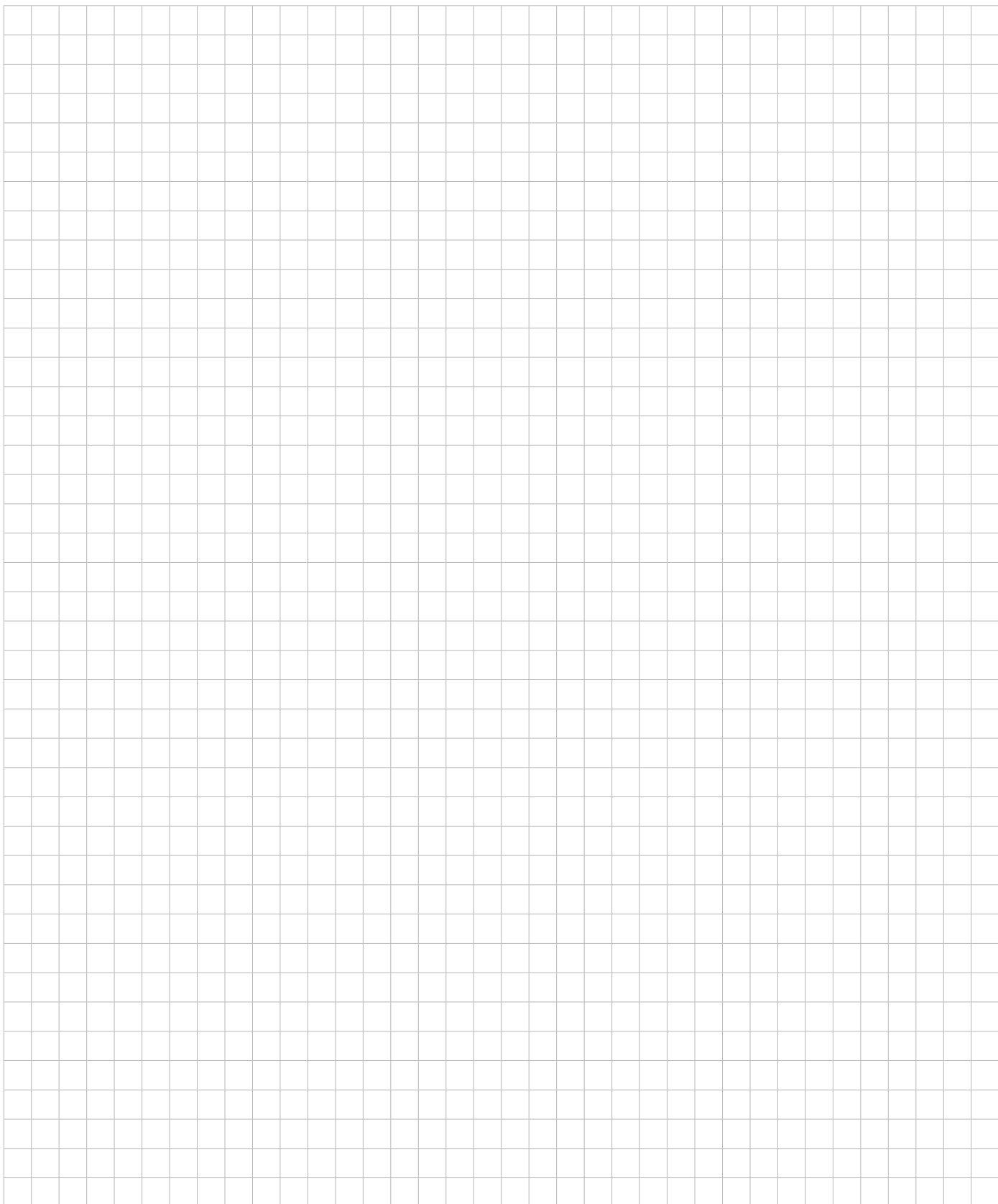


Weight [kg]:	1.430
Notation:	180° reversible
Shank type:	BMT
Machine adaption:	Centering key b 20
Tool adaption:	Clampshaft SH 32
Coolant:	IC/Ext
Pressure max [bar]:	70
Please note:	Clampshaft internal; cut-off tool able to penetrate the tool holder body

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





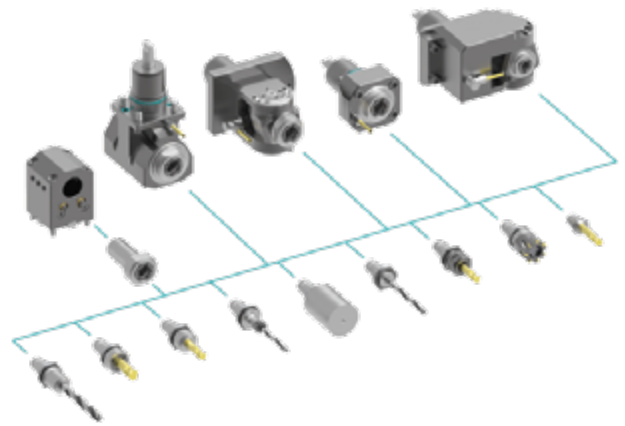
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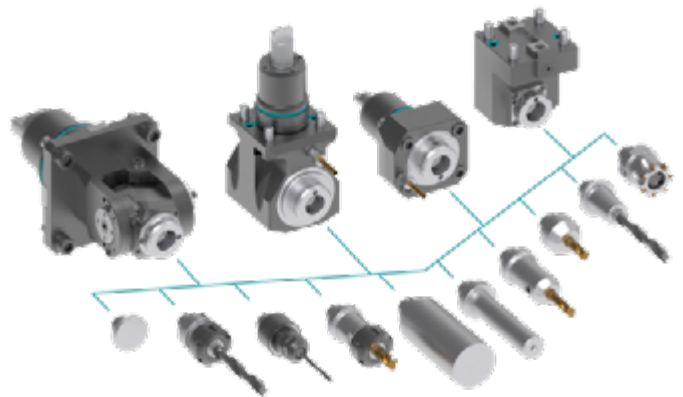
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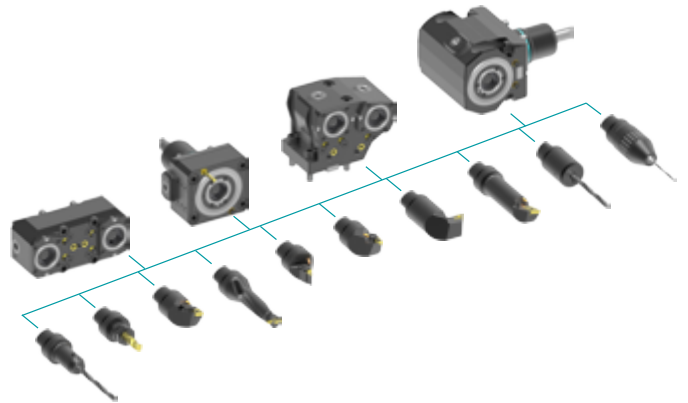
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