

Miyano

**BND 51 C2**



# 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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Part-#	Name
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**8 010 45 047**



**Axial drilling and milling head ER 25 M**

Weight [kg]: 1.740  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Tool adaption: ER 25 M  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 010 45 050**



**Axial drilling and milling head ER 25 M IC**

Weight [kg]: 2.000  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 25

**8 010 45 061**

**Axial drilling and milling head ER 25**


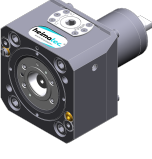
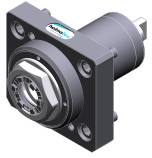
Weight [kg]: 1.780  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT


**8 010 45 096**



**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 2.000  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: Combi bearing

Part-#	Name	
<b>8 010 45 103</b>	<b>Axial milling and drill holder ER 25 AX UT</b>	
	Weight [kg]:	1.870
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 45 181</b>	<b>Axial drilling and milling head C 3 IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Check applicability; tool length check !
<b>8 010 45 183</b>	<b>Axial drilling and milling head C 3</b>	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
<b>8 010 45 224</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	1.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	EXT

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

Part-#	Name	
	<b>8 011 44 010</b>	<b>Axial milling head universal arbor 16</b>
	Weight [kg]:	1.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
Coolant:	EXT	
Please note:	Taper roller bearings	
	<b>8 011 44 021</b>	<b>Axial milling head universal arbor 3/4"</b>
	Weight [kg]:	1.840
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 3/4" (19,05mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
Coolant:	EXT	
Please note:	Taper roller bearings	
	<b>8 011 45 018</b>	<b>Axial milling head universal arbor 22</b>
	Weight [kg]:	1.940
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
Coolant:	EXT	
Please note:	Taper roller bearings	
	<b>8 013 44 022</b>	<b>Axial drilling and milling head ER 16 AX UT</b>
	Weight [kg]:	2.350
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
Coolant:	EXT	

Part-#	Name	
<b>8 013 44 023</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	Weight [kg]:	2.450
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
<b>8 019 44 012</b>	<b>Axial drilling and milling head ER 20</b>	
	Weight [kg]:	4.020
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 019 44 019</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	4.260
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 019 44 020</b>	<b>Axial drilling and milling head ER 16 M</b>	
	Weight [kg]:	3.960
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5

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

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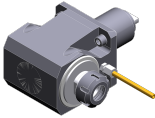
**8 019 45 093 Axial drilling and milling head ER 25 AX UT IC**  
 Weight [kg]: 5.860  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: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

**8 019 45 102 Axial drilling and milling head ER 25 AX UT**  
 Weight [kg]: 5.400  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 3000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: stronger bearing  
 Offset [mm]: 69

**8 030 44 082 Radial drilling and milling head ER 16 AX UT**  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:4  
 Torque max [Nm]: 5  
 Rotation max [1/min]: 24000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 65

**8 030 44 099 Radial drilling and milling head ER 16 AX UT IC**  
 Weight [kg]: 4.900  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:4  
 Torque max [Nm]: 5  
 Rotation max [1/min]: 24000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 65



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

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

<b>8 030 45 136</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
Weight [kg]:	5.370
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	65



<b>8 030 45 163</b>	<b>Angle-mill- and drill holder ER 25 AX UT</b>
Weight [kg]:	5.700
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	opposite
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	65

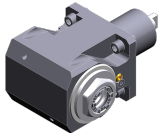


<b>8 030 45 167</b>	<b>Radial drilling and milling head ER 25 AX UT</b>
Weight [kg]:	5.790
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	12
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	EXT

Part-#	Name
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Please note: stronger bearing  
Center distance [mm]: 77

**8 030 45 169**



**Radial drilling and milling head ER 25 AX UT**  
Weight [kg]: 5.340  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 45.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:1  
Torque max [Nm]: 50  
Rotation max [1/min]: 12000  
Rotating direction: opposite  
Coolant: EXT  
Center distance [mm]: 65

**8 030 45 198**



**Angle-mill- and drill holder ER 25 AX UT IC**  
Weight [kg]: 5.800  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 45.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:1  
Torque max [Nm]: 50  
Rotation max [1/min]: 6000  
Rotating direction: opposite  
Coolant: IC/Ext  
Pressure max [bar]: 140  
Please note: Combi bearing  
Center distance [mm]: 65

**8 030 45 211**

**Radial drilling and milling head ER 25 AX UT**  
Weight [kg]: 5.770  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 45.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:2  
Torque max [Nm]: 16  
Rotation max [1/min]: 12000  
Rotating direction: same  
Coolant: EXT  
Please note: stronger bearing  
Center distance [mm]: 77

**8 030 45 239**

**Radial drilling and milling head ER 25 AX UT IC**  
Weight [kg]: 5.990  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 45.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:3  
Torque max [Nm]: 12

Part-#	Name
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Rotation max [1/min]: 18000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Center distance [mm]: 77

**8 030 45 253 Radial drilling and milling head ER 25 AX UT**




Weight [kg]: 5.480  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 3000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65

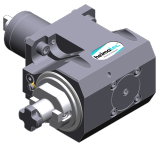
**8 030 45 563 Radial drilling and milling head Weldon 16**

Weight [kg]: 5.850  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: Weldon (DIN 1835 b) 16  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65

**8 030 45 599 Radial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 5.980  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 12000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Center distance [mm]: 77

Part-#	Name	
<b>8 030 46 196</b>	<b>Radial drilling and milling head HT 4</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	65
<b>8 030 46 197</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
<b>8 030 46 356</b>	<b>Angle-mill- and drill holder ER 32 AX UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 46 563</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	5.480
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65


Part-#	Name	
<b>8 030 46 564</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	5.120
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
<b>8 030 47 122</b>	<b>Radial drilling and milling head Weldon 25 IC</b>	
	Weight [kg]:	6.580
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 031 45 026</b>	<b>Radial milling head universal arbor 22</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 031 45 054</b>	<b>Radial milling head universal arbor 1"</b>	
	Weight [kg]:	6.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65


Part-#	Name	
<b>8 031 46 004</b>	<b>Radial milling head universal arbor 27</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 033 45 061</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.500
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	3:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing; check applicability!
	Center distance [mm]:	65
<b>8 037 42 002</b>	<b>Radial disk mill head arbor 10</b>	
	Weight [kg]:	4.600
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 10
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	78
<b>8 037 43 004</b>	<b>Radial disk mill head arbor 13</b>	
	Weight [kg]:	4.630
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 13
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	78

Part-#	Name	
<b>8 040 44 019</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	2.460
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	55
<b>8 040 44 021</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	position can be pinned; note swivel range!
	Center distance [mm]:	55
<b>8 040 44 023</b>	<b>Universal head ± 90° adjustable ER 20</b>	
	Weight [kg]:	2.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	55
<b>8 040 44 104</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Notation:	180° reversible
	Version:	45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	55

Part-#	Name
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<b>8 043 44 004</b>	<b>Universal head +105°/-20° adj. ER16AX UTIK</b>
Weight [kg]:	5.450
Notation:	offset
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 16 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	25
Rotation max [1/min]:	6000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	180° reversible
Center distance [mm]:	50
Offset [mm]:	35

<b>8 043 44 005</b>	<b>Universal head +105°/-20° adj. ER16 AX UT</b>
	Weight [kg]: 5.360
	Notation: offset; 180° reversible
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 50
	Offset [mm]: 35

<b>8 043 44 006</b>	<b>Universal head +105°/-20° adj. ER16AX UTIK</b>
	Weight [kg]: 5.470
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 12
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: 180° reversible
	Center distance [mm]: 50
	Offset [mm]: 35

<b>8 043 44 007</b>	<b>Universal head +105°/-20° adj. ER16 AX UT</b>
	Weight [kg]: 5.410
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:2

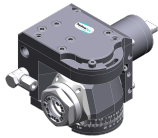
Part-#	Name
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Torque max [Nm]: 12  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: 180° reversible  
 Center distance [mm]: 50  
 Offset [mm]: 35

**8 043 44 042 Universal head +105°/-20° adj. ER16AX UTIK**

Weight [kg]: 5.470  
 Notation: offset  
 Version: at 71,5° position can be pinned  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: 180° reversible  
 Center distance [mm]: 50

**8 043 45 000 Universal head +105°/-20° adj. ER25 AX UT**



Weight [kg]: 5.580  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Center distance [mm]: 50


**8 043 45 004 Universal head +105°/-20° adj. ER25AX UTIK**

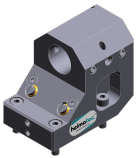



Weight [kg]: 5.660  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 45.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: stronger bearing  
 Center distance [mm]: 50  
 Offset [mm]: 35


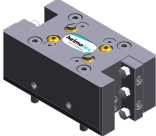
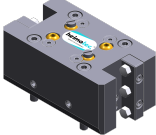
Part-#	Name	
<b>8 043 45 005</b>	<b>Universal head +105°/-20° adj. ER25AX UTIK</b>	
	Weight [kg]:	5.610
	Notation:	offset; 180° reversible
	Version:	at 42,9° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
<b>8 043 45 015</b>	<b>Universal head +105°/-20° adj. Weldon 16</b>	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16 special
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
<b>8 043 45 017</b>	<b>Universal head +105°/-20° adj. ER25 AX UT</b>	
	Weight [kg]:	5.590
	Notation:	offset; 180° reversible; at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
<b>8 043 46 002</b>	<b>Universal head +105°/-20° adj. Weldon 20</b>	
	Weight [kg]:	5.790
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000





Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
<b>8 200 02 001</b>	<b>Cover plate</b>	
	Weight [kg]:	0.320
	Shank type:	-
<b>8 202 00 010</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 224 01 020</b>	<b>Cut-off holder sq. 20</b>	
	Weight [kg]:	2.020
	Employment for:	right cutting tools
	Version:	Special; edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 224 03 016</b>	<b>Universal turning holder sq. 3/4" IC</b>	
	Weight [kg]:	2.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 224 04 000</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
<b>8 224 04 035</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	IC

Part-#	Name	
8 224 04 068	<b>Universal turning holder sq. 20 IC</b>	
		<p>Weight [kg]: 2.610            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: Sq. 20            Sq. 20            Coolant: IC/Ext            Pressure max [bar]: 100            Please note: Key rail</p>
8 229 05 004	<b>Tool holder C 3 IC</b>	<p>Weight [kg]: 2.980            Notation: 180° reversible            Version: right            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: heimatec Capto(TM) C 3            Coolant: IC            Please note: Check applicability; note tool length!            Offset [mm]: 65</p>
8 229 05 005	<b>Tool holder C 3 IC</b>	<p>Weight [kg]: 1.590            Notation: 180° reversible            Version: right            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: heimatec Capto(TM) C 3            Coolant: IC            Please note: Check applicability; note tool length!            Offset [mm]: 27</p>
8 240 05 034	<b>Boring bar holder Ø 16</b>	<p>Weight [kg]: 4.360            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: Ø 16            Coolant: IC/Ext            Center distance [mm]: 75</p>
8 240 05 059	<b>Tool holder C 3 IC</b>	<p>Weight [kg]: 4.130            Notation: 180° reversible            Version: right            Shank type: BMT            Machine adaption: Centering bolt ø 12            Tool adaption: heimatec Capto(TM) C 3            Coolant: IC            Please note: Check applicability; note tool length!            Center distance [mm]: 80</p>

Part-#	Name	
<b>8 240 05 060</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	3.190
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
<b>8 240 06 034</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 07 038</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 07 050</b>	<b>Boring bar holder Ø 1 1/4 "</b>	
	Weight [kg]:	3.790
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 08 000</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	3.740
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 08 046</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 08 074</b>	<b>Boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	4.000
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 09 002</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	2.660
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 09 013</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	3.950
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 244 04 019</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	3.700
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 249 05 008</b>	<b>Double tool holder C 3 IC</b>	
	Weight [kg]:	4.860
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
<b>8 250 05 002</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	2.140
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27 27

Part-#	Name	
<b>8 250 05 003</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	3.730
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65 65
<b>8 251 03 002</b>	<b>Combi double turning holder sq. 3/4"IC</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 04 002</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	EXT
<b>8 251 04 003</b>	<b>Combi double turning holder sq. 3/4"</b>	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm)
	Coolant:	EXT
<b>8 251 04 059</b>	<b>Combi double turning holder sq. 20 IC</b>	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20


Part-#	Name	
	Coolant:	Sq. 20
	Pressure max [bar]:	IC/Ext
	Please note:	100
		Key rail
<b>8 253 07 000</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	2.320
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 253 07 003</b>	<b>Multiple boring bar holder Ø 1"</b>	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 253 07 004</b>	<b>Double boring bar holder Ø 1"</b>	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 253 07 006</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	3.710
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 259 01 006</b>	<b>Multiple turning holder 4x sq. 20</b>	
	Weight [kg]:	4.700
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT

Part-#	Name	
<b>8 259 09 001</b>	<b>Multiple holder ø25 and sq. 20</b>	
	Weight [kg]:	3.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	ø25/ sq. 20
		ø25/ sq. 20
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
<b>8 261 08 000</b>	<b>Tool holder for centering insert</b>	
	Weight [kg]:	5.270
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	55
<b>8 263 09 000</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.070
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
<b>8 263 09 007</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	6.410
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Center distance [mm]:	85
<b>8 320 02 017</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 02 018</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.560
	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

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Part-#	Name
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<b>8 320 09 003</b>	<b>Cut-off holder, height adjustable 845 IC</b>
Weight [kg]:	1.390
Notation:	180° reversible
Shank type:	BMT
Machine adaption:	Centering bolt ø 12
Tool adaption:	 System 845
Coolant:	IC
Pressure max [bar]:	70





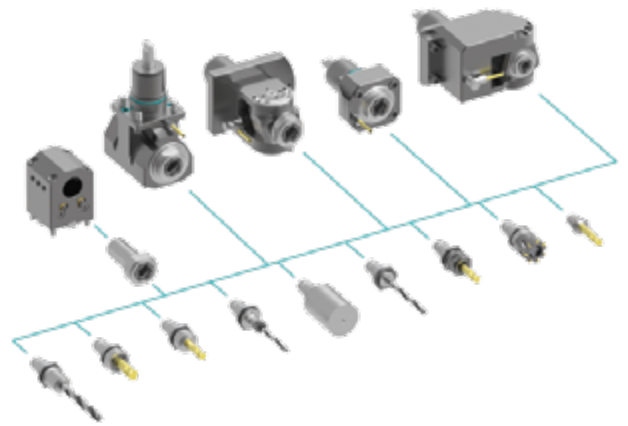
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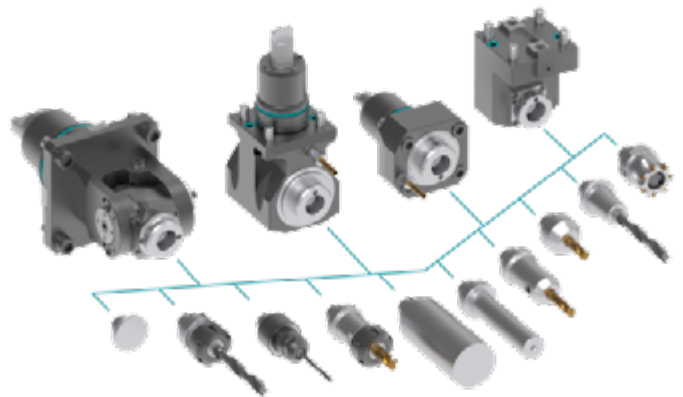
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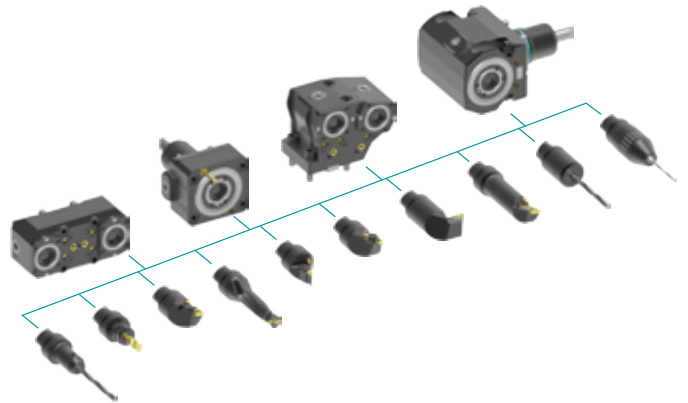
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