

Miyano

**ABX 64 THY**



# 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

8 010 55 036

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



Weight [kg]: 3.640  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: Combi bearing

8 010 55 037

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



Weight [kg]: 3.810  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 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

8 010 55 047

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



Weight [kg]: 2.130  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 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  
 Please note: slim version

8 010 55 048

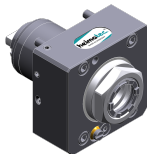
**Axial drilling and milling head ER 25 M IC**

Weight [kg]: 2.230  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 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  
 Please note: slim version

Part-#	Name	
<b>8 010 55 097</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	3.760
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
<b>8 010 56 075</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	3.730
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	Combi bearing
<b>8 010 56 076</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
<b>8 010 56 104</b>	<b>Axial drilling and milling head Weldon 20 IC</b>	
	Weight [kg]:	3.960
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	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
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**8 010 56 135**



**Axial drilling and milling head ER 32 AX UT IC**  
 Weight [kg]: 3.800  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 15000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 100  
 Please note: Dryrun possible

**8 010 57 082**

**Axial drilling and milling head Weldon 25 IC**  
 Weight [kg]: 4.130  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 Shank type: BMT  
 Tool adaption: Weldon (DIN 1835 b) 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  
 Please note: Combi bearing

**8 011 54 014**

**Axial milling head universal arbor 3/4"**  
 Weight [kg]: 3.980  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 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: Combi bearing

**8 011 54 016**

**Axial milling head universal arbor 16**  
 Weight [kg]: 3.860  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 54.00  
 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: Combi bearing

Part-#	Name	
<b>8 011 55 016</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	3.960
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	Combi bearing
<b>8 013 54 016</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	3.580
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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
<b>8 019 54 011</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 54 033</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50

Part-#	Name	
<b>8 019 55 014</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.880
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 55 019</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.290
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 55 058</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.920
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 55 059</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.340
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext

Part-#	Name
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Pressure max [bar]: 140  
Please note: stronger bearing  
Offset [mm]: 50

**8 030 54 063 Radial drilling and milling head ER 16 AX UT IC**



Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 54.00  
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]: 75

**8 030 55 096 Radial drilling and milling head ER 25 AX UT**


Weight [kg]: 6.970  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 54.00  
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]: 85



**8 030 55 125 Radial drilling and milling head ER 25 IC**

Weight [kg]: 7.790  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 54.00  
Tool adaption: ER 25  
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]: 75


**8 030 55 137 Radial drilling and milling head ER 25 AX UT IC**

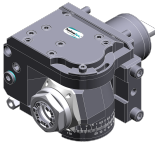
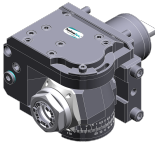
Weight [kg]: 6.860  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 54.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:2  
Torque max [Nm]: 16



Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
<b>8 030 55 178</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.810
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
<b>8 030 55 201</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.850
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	strong bearing
	Center distance [mm]:	85
<b>8 030 55 259</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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]:	75


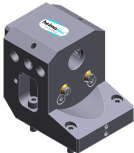
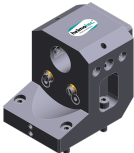
Part-#	Name		
	<b>8 030 55 260</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
		Weight [kg]:	7.000
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	54.00
		Shank type:	BMT
		Tool adaption:	ER 25 A - u-tec
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	12000
		Rotating direction:	opposite
		Coolant:	IC/Ext
		Pressure max [bar]:	140
		Center distance [mm]:	75
	<b>8 030 56 134</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
		Weight [kg]:	9.670
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	54.00
		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:	Check applicability! combi bearing
	Center distance [mm]:	100	
	<b>8 030 56 260</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
		Weight [kg]:	6.600
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	54.00
		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]:	75
		<b>8 031 54 021</b>	<b>Radial polygon head arbor 16</b>
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	54.00
		Shank type:	BMT
		Tool adaption:	Polygon arbor 16
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	opposite
		Coolant:	EXT
	Please note:	Combi bearing	

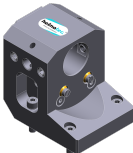
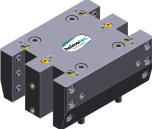
Part-#	Name	
	Center distance [mm]:	75
<b>8 031 55 024</b>	<b>Radial polygon head arbor 22</b>	
	Weight [kg]:	7.260
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	Polygon arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	75
<b>8 037 51 001</b>	<b>Radial disk mill head arbor 8</b>	
	Weight [kg]:	7.850
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	Arbor 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	90
<b>8 037 54 021</b>	<b>Radial disk mill head arbor 16</b>	
	Weight [kg]:	7.720
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	90
<b>8 037 55 015</b>	<b>Radial disk mill head arbor 22</b>	
	Weight [kg]:	8.070
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Tool adaption:	Arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	90

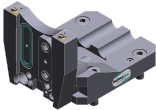

Part-#	Name	
<b>8 039 55 032</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.720
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	75
<b>8 039 56 018</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.680
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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:	same/opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	75
<b>8 043 54 005</b>	<b>Universal head +100°/-20° adj. ER16 AX UT</b>	
	Weight [kg]:	6.950
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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]:	60
	Offset [mm]:	35
<b>8 043 54 011</b>	<b>Universal head +100°/-20° adj. ER16 AX UT</b>	
	Weight [kg]:	6.930
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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


Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	60
	Offset [mm]:	35
<b>8 043 55 002</b>	<b>Universal head +100°/-20° adj. ER25 AX UT</b>	
	Weight [kg]:	7.180
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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]:	60
	Offset [mm]:	35
<b>8 043 55 008</b>	<b>Universal head +100°/-20° adj. ER25AX UTIK</b>	
	Weight [kg]:	7.200
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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]:	60
	Offset [mm]:	35
<b>8 050 54 011</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	6.860
	Notation:	offset; 180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	54.00
	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]:	58
<b>8 200 03 010</b>	<b>Cover plate</b>	
	Weight [kg]:	0.380
	Shank type:	-

Part-#	Name	
<b>8 202 00 013</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.230
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	15
<b>8 209 57 000</b>	<b>Adapter for sensor ø 25</b>	
	Weight [kg]:	1.760
	Shank size [mm]:	54.00
	Shank type:	BMT
	Tool adaption:	Ø 25
	Coolant:	EXT
<b>8 224 01 009</b>	<b>Cut-off holder sq. 20</b>	
	Weight [kg]:	2.320
	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 01 011</b>	<b>Turning holder sq. 20</b>	
	Weight [kg]:	2.550
	Employment for:	right cutting tools
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 224 05 007</b>	<b>Universal turning holder sq. 25/20</b>	
	Weight [kg]:	3.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 25/20
		Sq. 25/20
	Coolant:	EXT
	Please note:	with spacer strip for sq. 20
<b>8 224 05 032</b>	<b>Universal turning holder sq. 25 IC</b>	
	Weight [kg]:	3.238
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail

Part-#	Name	
<b>8 224 05 033</b>	<b>Universal turning holder sq. 1" IC</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 229 07 001</b>	<b>Tool holder <math>\varnothing</math> 30 slotted</b>	
	Weight [kg]:	3.690
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 30
	Coolant:	EXT
	Please note:	Holder for HF ( Hochfrequenzspindel )
	Offset [mm]:	91
<b>8 240 06 008</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	6.690
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Center distance [mm]:	85
<b>8 240 06 031</b>	<b>Boring bar holder <math>\varnothing</math> 20</b>	
	Weight [kg]:	5.480
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 20
	Coolant:	IC/Ext
	Center distance [mm]:	85
<b>8 240 07 047</b>	<b>Boring bar holder <math>\varnothing</math> 25</b>	
	Weight [kg]:	5.880
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 25
	Coolant:	IC/Ext
	Center distance [mm]:	85
<b>8 240 08 025</b>	<b>Boring bar holder <math>\varnothing</math> 32</b>	
	Weight [kg]:	5.730
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt $\varnothing$ 12
	Tool adaption:	$\varnothing$ 32
	Coolant:	IC/Ext
	Center distance [mm]:	85

Part-#	Name	
<b>8 240 08 066</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	7.240
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	85
<b>8 240 09 000</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	5.100
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	85
<b>8 259 01 004</b>	<b>Multiple turning holder 4x sq. 16</b>	
	Weight [kg]:	6.010
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 16
		Sq. 16
		Sq. 16
		Sq. 16
	Coolant:	EXT
<b>8 259 01 005</b>	<b>Multiple turning holder 4x sq. 20</b>	
	Weight [kg]:	6.470
	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
<b>8 263 09 006</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	6.210
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Center distance [mm]:	85

Part-#	Name	
<b>8 268 09 001</b>	<b>Steady rest ø 6 - ø 40</b>	
	Weight [kg]:	5.340
	Notation:	adjustable
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Coolant:	EXT
<b>8 320 02 019</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.710
	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 03 012</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.860
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 03 022</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.120
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	with offset cut-off tool holder
<b>8 320 03 028</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.020
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
<b>8 320 09 004</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	1.770
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

Part-#	Name
8 320 09 023	<b>Cut-off holder, height adjustable 845 IC</b>
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering bolt ø 12
	Tool adaption:  System 845
	Coolant: IC
	Pressure max [bar]: 70
	Please note: Clampshaft internal

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