

Tsugami
M06-M08
D/SD/SY - BMT
65



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 66 111 **Axial drilling and milling head ER 32 AS UT**

Weight [kg]: 4.190
 Tool drive: Key slot
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 70
 Rotation max [1/min]: 5000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

8 010 66 112 **Axial milling drill holder ER 32 AS UT IC**

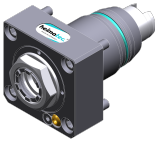


Weight [kg]: 4.290
 Tool drive: Key slot
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 70
 Rotation max [1/min]: 5000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

8 010 66 142 **Axial drilling and milling head ER 32 AS UT IC**

Weight [kg]: 4.270
 Tool drive: Key slot
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 70
 Rotation max [1/min]: 5000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25

8 010 66 260 **Axial drilling and milling head ER 32 AX UT**



Weight [kg]: 4.400
 Tool drive: Key slot
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 70
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT

Part-#	Name
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8 010 66 261



Axial drilling and milling head ER 32 AX UT IC

Tool drive:	Key slot
Shank size [mm]:	65.00
Shank type:	BMT
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	70
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	100
Please note:	Trockenauf possible

8 019 66 051

Axial drilling and milling head ER 32 AS UT

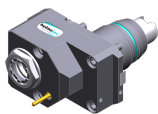
Weight [kg]:	7.100
Notation:	offset; 180° reversible
Employment for:	Main spindle
Tool drive:	Key slot
Shank size [mm]:	65.00
Shank type:	BMT
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	50

8 019 66 052

Axial drilling and milling head ER 32 AS UT IC

Weight [kg]:	8.450
Notation:	offset; 180° reversible
Employment for:	Main spindle
Tool drive:	Key slot
Shank size [mm]:	65.00
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:	stronger bearing
Offset [mm]:	50

8 019 66 069



Axial drilling and milling head ER 32 AX UT

Weight [kg]:	7.100
Notation:	offset; 180° reversible
Employment for:	Main spindle
Tool drive:	Key slot
Shank size [mm]:	65.00
Shank type:	BMT
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	12
Rotation max [1/min]:	18000

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 66 071	Axial drilling and milling head ER 32 AS UT	
	Notation:	offset; 180° reversible
	Employment for:	Main spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 66 072	Axial drilling and milling head ER 32 AS UT IC	
	Notation:	offset; 180° reversible
	Employment for:	Main spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 030 66 178	Radial drilling and milling head ER 32 AS UT	
	Weight [kg]:	8.000
	Employment for:	Main spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	70
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 66 179	Radial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	8.390
	Employment for:	Main spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec

Part-#	Name
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Gear ratio [i]: 1:1
 Torque max [Nm]: 70
 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 66 183 Angle-mill- and drill holder ER 32 AS UT



Weight [kg]: 9.600
 Notation: 180° reversible
 Employment for: Main- and sub spindle
 Tool drive: Key slot
 Shank size [mm]: 65.00
 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
 Center distance [mm]: 85

8 030 66 184 Angle-mill- and drill holder ER 32 AS UT IC



Weight [kg]: 9.960
 Notation: 180° reversible
 Employment for: Main- and sub spindle
 Tool drive: Key slot
 Shank size [mm]: 65.00
 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]: 140
 Please note: Combi bearing
 Center distance [mm]: 85


8 030 66 241 Radial drilling and milling head ER 32 AX UT IC



Notation: 180° reversible
 Employment for: Main- and sub spindle
 Tool drive: Key slot
 Shank size [mm]: 65.00
 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
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 85

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Part-#	Name	
	8 030 66 254	Radial drilling and milling head ER 32 AX UT
	Weight [kg]:	9.560
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	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
	Coolant:	EXT
Center distance [mm]:	85	
	8 033 66 011	Radial drilling and milling head ER 32 AS UT
Weight [kg]:	11.000	
Notation:	offset	
Employment for:	Sub spindle	
Tool drive:	Key slot	
Shank size [mm]:	65.00	
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	
Center distance [mm]:	85	
	8 033 66 012	Radial drilling and milling head ER 32 AS UT IC
Notation:	offset	
Employment for:	Sub spindle	
Tool drive:	Key slot	
Shank size [mm]:	65.00	
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]:	140	
Please note:	Combi bearing	
Center distance [mm]:	85	
	8 037 62 003	Radial disk mill head arbor 10
Weight [kg]:	7.880	
Notation:	180° reversible	
Version:	360° turnable, useable 0°-59° and 72°-90°	
Tool drive:	Key slot	
Shank size [mm]:	65.00	
Shank type:	BMT	
Tool adaption:	Arbor 10	
Gear ratio [i]:	1:1	
Torque max [Nm]:	50	
Rotation max [1/min]:	4000	

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	89
8 037 62 004	Radial disk mill head arbor 10	
	Notation:	180° reversible
	Version:	360° turnable, useable 0°-59° and 72°-90°
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	note useable swivel range! arbor with
	Center distance [mm]:	89
8 037 65 038	Radial disk mill head arbor 22	
	Weight [kg]:	8.100
	Notation:	180° reversible
	Version:	360° turnable, useable 0°-59° and 72°-90°
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	89
8 039 66 046	Radial drilling and milling head ER 32 AS UT	
	Weight [kg]:	11.770
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	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/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85

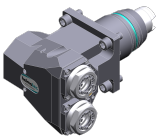

Part-#	Name
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8 039 66 047	Radial drilling and milling head ER 32 AS UT	9.950
	Weight [kg]:	9.950
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85

8 040 64 023	Universal head ± 90° adjustable ER 20 AX UT	5.740
	Weight [kg]:	5.740
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	60

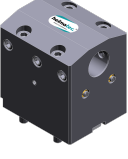
8 040 64 024	Universal head ± 90° adjustable ER 20 AX UT IC	5.580
	Weight [kg]:	5.580
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	60




8 043 64 027	Universal head +160°/-20° adj. ER16 AX UT	8.210
	Weight [kg]:	8.210
	Notation:	offset; 180° reversible
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	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:	Check applicability
	Center distance [mm]:	40

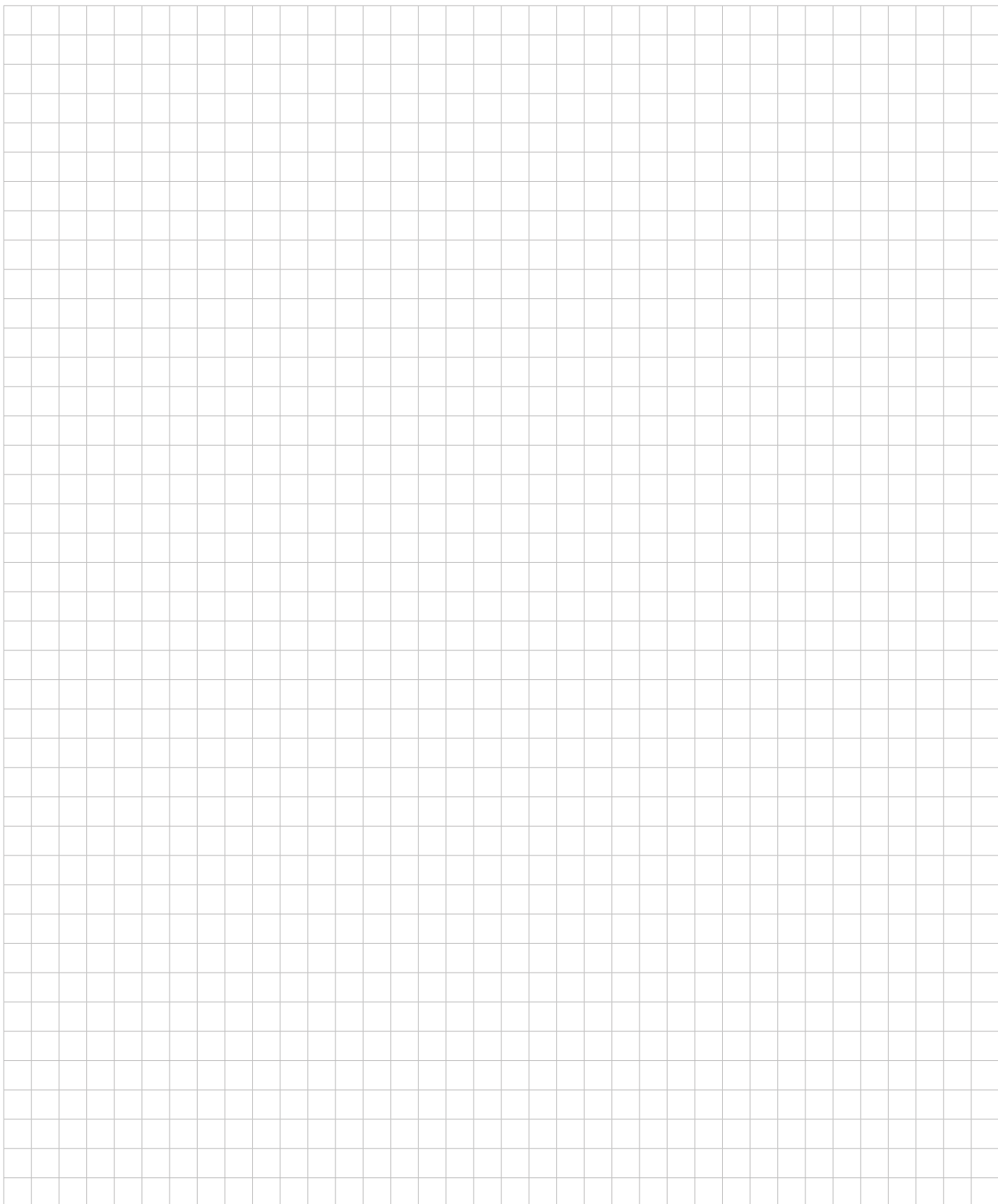
Part-#	Name	
	Offset [mm]:	65
8 043 65 018	Universal head +100°/-20° adj. ER25 AX UT	
	Weight [kg]:	9.070
	Notation:	offset; 180° reversible
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	60
	Offset [mm]:	35
8 053 65 009	Multispindle radial head ER 25 AX UT	
	Weight [kg]:	12.440
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	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:	same
	Coolant:	EXT
	Center distance [mm]:	85
8 053 65 029	Multispindle radial head ER 25 AX UT	
	Notation:	180° reversible
	Employment for:	Main spindle
	Version:	2-spindles; Y-veretzt
	Tool drive:	Key slot
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
8 202 10 013	Basic holder longitudinal seat FN 12	
	Weight [kg]:	1.390
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT

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Part-#	Name	
8 224 15 032	Universal turning holder sq. 25	
	Weight [kg]:	3.840
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
8 240 17 073	Boring bar holder Ø 25	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 074	Boring bar holder Ø 1"	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 075	Boring bar holder Ø 1 1/4"	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 18 066	Boring bar holder Ø 32	
	Weight [kg]:	8.190
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 19 085	Boring bar holder Ø 40	
	Weight [kg]:	8.040
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	90

Part-#	Name	
8 244 15 014	Combi facing holder sq. 25	
	Weight [kg]:	6.850
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 251 15 024	Combi double turning holder sq. 25	
	Weight [kg]:	6.560
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
8 253 19 004	Double boring bar holder Ø 40	
	Weight [kg]:	6.860
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	54/101
8 320 13 030	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	2.010
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 19 030	Cut-off holder, height adjustable 845 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70
8 320 19 031	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	2.100
	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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