

Mori Seiki

NL 2500 - 12

Stationen - BMT

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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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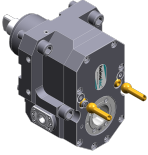
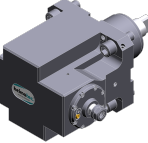
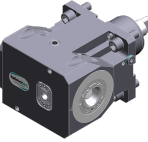
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Part-#	Name	
8 010 66 094	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	5.680
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 66 108	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	5.680
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
8 010 66 139	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	5.740
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 66 146	Axial drilling and milling head C 4 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Check applicability; note tool length!;

Part-#	Name	
8 010 67 117	Axial drilling and milling head ER 40 AX UT	
	Weight [kg]:	6.180
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40 u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 67 118	Axial drilling and milling head ER 40 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
8 010 67 137	Axial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	5.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Trochenlauf possible
8 013 63 000	Axial drilling and milling head ER 11	
	Weight [kg]:	4.760
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	48000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name
8 013 64 003	Axial drilling and milling head ER 16 AX UT
	Weight [kg]: 4.840
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 60.00
	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 64 016	Axial drilling and milling head ER 16 AX UT IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 60.00
	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
8 019 64 051	Axial drilling and milling head ER 20 AX UT
	Weight [kg]: 18.420
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 60.00
	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: same
	Coolant: EXT
	Please note: stronger bearing, check applicability
	Offset [mm]: 222,5
8 019 66 002	Axial drilling and milling head ER 32 AS UT IC
	Weight [kg]: 11.190
	Notation: offset; 180° reversible
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 60.00
	Shank type: BMT
	Tool adaption: ER 32 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

Part-#	Name	
8 019 66 019	Axial drilling and milling head ER 32 AX UT	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	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 66 022	Axial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	11.130
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 66 073	Axial drilling and milling head ER 32 AS UT	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 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
8 019 66 074	Axial drilling and milling head ER 32 AS UT	
	Weight [kg]:	9.220
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50

Part-#	Name	
8 019 66 086	Axial drilling and milling head C 4	
	Weight [kg]:	10.040
	Notation:	180° reversible, Y-axes offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
	Offset [mm]:	62
8 030 63 007	Radial drilling and milling head ER 11	
	Weight [kg]:	10.950
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	48000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	90
8 030 66 146	Radial drilling and milling head HT 4 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	90
8 030 66 163	Radial drilling and milling head C 4 IC	
	Weight [kg]:	13.880
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

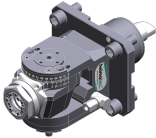
Part-#	Name	
	Please note:	Check applicability; tool length beachten!
	Center distance [mm]:	90
8 030 66 201	Radial drilling and milling head ER 32 AX UT	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	140
	Center distance [mm]:	90
8 030 66 208	Radial drilling and milling head ER 32 AX UT IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	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]:	90
8 030 67 081	Radial drilling and milling head HT 5	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 030 67 082	Radial drilling and milling head HT 5 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name
	Please note: stronger bearing Center distance [mm]: 90
8 030 67 136	Radial drilling and milling head ER 40 AX UT IC
	Weight [kg]: 13.280 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: ER 40 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Center distance [mm]: 90
8 030 67 139	Radial drilling and milling head ER 40 AX UT
	Weight [kg]: 13.120 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: ER 40 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 90
8 030 68 041	Radial drilling and milling head HT 6
	Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: HT 6 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 90
8 030 68 042	Radial drilling and milling head HT 6 IC
	Weight [kg]: 13.260 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: HT 6 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000

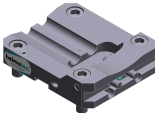
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	90
8 031 65 012	Radial milling head universal arbor 22	
	Weight [kg]:	13.100
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 031 66 004	Radial milling head universal arbor 27	
	Weight [kg]:	13.210
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 037 64 019	Radial disk mill head arbor 3/4"	
	Weight [kg]:	13.440
	Version:	± 45° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Arbor 3/4" (19,05mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	strong version; stronger bearing
	Center distance [mm]:	100
8 037 65 023	Radial disk mill head arbor 22	
	Weight [kg]:	13.570
	Version:	± 45° turnable; at 0° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	Arbor 22

Part-#	Name
	Gear ratio [i]: 2:1 Torque max [Nm]: 63 Rotation max [1/min]: 3000 Rotating direction: same Coolant: EXT Please note: strong version; stronger bearing Center distance [mm]: 100
8 037 66 007	Radial disk mill head arbor 1 1/4"
	Weight [kg]: 13.930 Version: Special Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: Arbor 1 1/4" (31,75mm) Gear ratio [i]: 2:1 Torque max [Nm]: 63 Rotation max [1/min]: 3000 Rotating direction: same Coolant: EXT Please note: strong version; stronger bearing Center distance [mm]: 100
8 039 66 010	Radial drilling and milling head ER 32
	Weight [kg]: 13.290 Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: ER 32 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 90
8 039 66 038	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 12.570 Employment for: Main- and sub spindle Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 60.00 Shank type: BMT Tool adaption: ER 32 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 10000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 90

Part-#	Name	
8 039 67 000	Radial drilling and milling head ER 40	
	Weight [kg]:	13.410
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 039 67 007	Radial drilling and milling head HT 5	
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 039 67 015	Radial drilling and milling head ER 40 AX UT	
	Weight [kg]:	13.000
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 039 68 008	Radial drilling and milling head HT 6	
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	90
8 040 64 011	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT	
	Weight [kg]:	5.750
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	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:	EXT
	Please note:	Note swivel range !
	Center distance [mm]:	81
8 040 65 004	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	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:	Note swivel range !; stronger bearing
	Center distance [mm]:	81
8 040 65 008	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT IC	
	Weight [kg]:	5.990
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	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]:	140
	Please note:	Note swivel range !
	Center distance [mm]:	81
8 040 65 019	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT	
	Weight [kg]:	6.000
	Version:	at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	10000

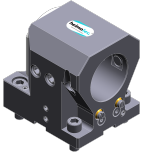
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note swivel range!; stronger bearing
	Center distance [mm]:	81
8 050 65 000	Multispindle drilling head ER 25 AX UT	
	Weight [kg]:	8.260
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
8 050 65 001	Multispindle drilling head ER 25 AX UT IC	
	Weight [kg]:	8.240
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
8 050 65 022	Multispindle drilling head ER 25 AX UT IC	
	Weight [kg]:	8.790
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	+35/ -35
8 053 65 014	Multispindle radial head ER 25 AX UTIK	
	Weight [kg]:	14.270
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT

Part-#	Name	
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	90
	Offset [mm]:	±35
8 200 64 001	Cover plate	
	Weight [kg]:	2.610
	Shank type:	BMT
8 202 10 010	Basic holder longitudinal seat FN 12	
	Weight [kg]:	2.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 12 007	Cut-off holder sq. 25	
	Weight [kg]:	3.500
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 224 12 017	Cut-off holder sq. 1"	
	Weight [kg]:	4.050
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 224 14 002	Universal turning holder sq. 20	
	Weight [kg]:	4.910
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 224 15 003	Universal turning holder sq. 25	
	Weight [kg]:	5.460
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80

Part-#	Name
8 224 15 014	Universal turning holder sq. 1"
	Weight [kg]: 5.560
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Sq. 1" (25,4mm)
	Sq. 1" (25,4mm)
	Coolant: EXT
8 240 14 003	Insert drill holder 12 IC
	Weight [kg]: 8.870
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Whistle-Notch (DIN 1835 E) 12
	Coolant: IC
	Center distance [mm]: 80
8 240 15 014	Insert drill holder 16 IC
	Weight [kg]: 8.820
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Whistle-Notch (DIN 1835 E) 16
	Coolant: IC
	Center distance [mm]: 80
8 240 16 039	Collet chuck holder ER 32
	Weight [kg]: 7.570
	Notation: 180° reversible
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ER 32
	Coolant: IC/Ext
	Pressure max [bar]: 80
	Please note: Insert reversible
	Center distance [mm]: 80
8 240 16 057	Tool holder ABS 63
	Weight [kg]: 8.050
	Notation: 180° reversible
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ABS 63
	Coolant: IC/Ext
	Please note: Insert reversible
	Center distance [mm]: 80
8 240 17 022	Collet chuck holder ER 40
	Weight [kg]: 7.720
	Notation: 180° reversible
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ER 40
	Coolant: IC/Ext
	Pressure max [bar]: 80

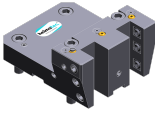
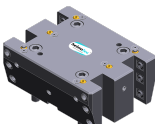
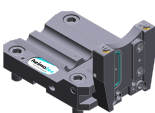
Part-#	Name	
	Please note:	Insert reversible
	Center distance [mm]:	80
8 240 17 112	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	9.010
	Notation:	180° reversible
	Shank size [mm]:	59.70
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	80
8 240 18 019	Tool holder HT 6	
	Weight [kg]:	7.900
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	HT 6
	Coolant:	IC/Ext
	Please note:	Insert reversible
	Center distance [mm]:	80
8 240 18 034	Tool holder C 6 IC	
	Weight [kg]:	13.920
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	heimatec Capto(TM) C 6
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	110
8 240 18 075	Insert drill holder 32 IC	
	Weight [kg]:	9.620
	Notation:	180° reversible
	Shank size [mm]:	60.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 32
	Coolant:	IC
	Center distance [mm]:	80
8 240 19 016	Boring bar holder Ø 50	
	Weight [kg]:	8.170
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	80

Part-#	Name
8 240 19 018	Boring bar holder Ø 50
	Weight [kg]: 12.160
	Employment for: Heavy duty cutting
	Version: long
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Ø 50
	Coolant: IC/Ext
	Please note: optimum assembly with 8 788 99 000 possible
	Center distance [mm]: 80
8 240 19 033	Boring bar holder Ø 40
	Weight [kg]: 11.210
	Notation: 180° reversible
	Version: long
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Ø 40
	Coolant: IC/Ext
	Pressure max [bar]: 80
	Center distance [mm]: 120
8 240 19 035	Boring bar holder Ø 1 1/2"
	Weight [kg]: 8.780
	Notation: 180° reversible
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Ø 1 1/2" (38,1mm)
	Coolant: IC/Ext
	Center distance [mm]: 80
8 240 19 041	Insert drill holder 40 IC
	Weight [kg]: 9.270
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Ø 40
	Coolant: IC
	Center distance [mm]: 80
8 240 19 050	Boring bar holder Ø 2"
	Weight [kg]: 8.120
	Notation: 180° reversible
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: Ø 2" (50,8mm)
	Coolant: IC/Ext
	Center distance [mm]: 80

Part-#	Name	
8 240 19 082	Boring bar holder Ø 1 1/2"	
		
	Weight [kg]:	11.500
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	120
8 240 19 083	Boring bar holder Ø 2"	
	Weight [kg]:	10.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 2" (50,8mm)
	Coolant:	IC/Ext
	Center distance [mm]:	120
8 240 19 084	Boring bar holder Ø 2 1/2"	
		
	Weight [kg]:	8.580
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 2 1/2" (63,5mm)
	Coolant:	IC/Ext
	Center distance [mm]:	80
8 240 19 107	Boring bar holder Ø 40	
	Weight [kg]:	10.200
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	100
8 244 15 001	Combi facing holder sq. 25	
	Weight [kg]:	9.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	75
8 244 15 004	Combi facing holder sq. 1"	
	Weight [kg]:	9.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	EXT
	Center distance [mm]:	75

Part-#	Name
8 249 16 004	Double collet chuck holder ER 32
	Weight [kg]: 8.040
	Notation: 180° reversible
	Employment for: Main- and sub spindle
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ER 32
	Coolant: IC/Ext
	Pressure max [bar]: 80
	Center distance [mm]: 80
8 249 16 006	Double tool holder C 4 IC
	Weight [kg]: 7.570
	Notation: 180° reversible
	Employment for: Main- and sub spindle
	Version: right
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: heimatec Capto(TM) C 4
	heimatec Capto(TM) C 4
	Coolant: IC
	Please note: Check applicability; note tool length!
	Center distance [mm]: 90
8 249 16 010	Double collet chuck holder ER 32
	Weight [kg]: 11.370
	Notation: 180° reversible
	Employment for: Main- and sub spindle
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ER 32
	Coolant: IC/Ext
	Pressure max [bar]: 80
	Center distance [mm]: 120
8 249 17 002	Double collet chuck holder ER 40
	Weight [kg]: 8.330
	Notation: 180° reversible
	Employment for: Main- and sub spindle
	Shank size [mm]: 59.70
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: ER 40
	Coolant: IC/Ext
	Pressure max [bar]: 80
	Center distance [mm]: 80
8 249 18 000	Double tool holder HT 6
	Notation: 180° reversible
	Employment for: Main- and sub spindle
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption: HT 6
	Coolant: EXT
	Center distance [mm]: 80

Part-#	Name	
8 251 14 007	Combi double turning holder sq. 20	
	Weight [kg]:	7.800
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 251 15 001	Combi double turning holder sq. 25	
	Weight [kg]:	8.280
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
8 251 15 002	Combi double turning holder sq. 25	
	Weight [kg]:	10.020
	Version:	extended
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
8 251 15 009	Combi double turning holder sq. 1"	
	Weight [kg]:	8.290
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 251 15 010	Combi double turning holder sq. 1"	
	Weight [kg]:	10.030
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 253 18 001	Double boring bar holder Ø 32	
	Weight [kg]:	11.900
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	80/125

Part-#	Name	
8 253 18 007	Double boring bar holder Ø 1 1/4"	
	Weight [kg]:	12.440
	Employment for:	Main- and sub spindle
	Shank size [mm]:	59.70
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	80/125
8 253 18 010	Double boring bar holder Ø 1 1/2"	
	Weight [kg]:	11.260
	Employment for:	Main- and sub spindle
	Shank size [mm]:	59.70
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	65/120
8 259 12 001	Multiple turning holder sq. 25 / 1"	
	Weight [kg]:	6.470
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 259 12 002	Multiple turning holder sq. 25 / 1"	
	Weight [kg]:	11.830
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
	Coolant:	EXT
8 320 13 009	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	2.990
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#	Name
8 320 19 005	Cut-off holder, height adjustable 845 IC
	Weight [kg]: 2.830
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering key slot b 20
	Tool adaption:  System 845
	Coolant: IC
	Pressure max [bar]: 70



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