

Mori Seiki

NZ 2500 - 12

Stationen - BMT

60



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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The current version of our General Terms and Conditions can be found on our website.

| 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**

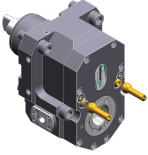
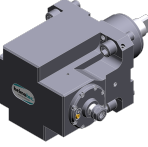
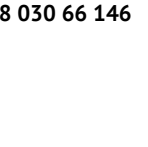
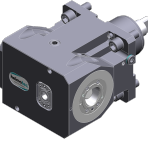
Weight [kg]: 5.800
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 60.00
 Shank type: BMT
 Tool adaption: ER 40 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 100
 Rotation max [1/min]: 10000
 Rotating direction: same
 Coolant: IC
 Pressure max [bar]: 100
 Please note: Trochenlauf possible



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 |

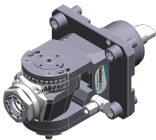
| Part-# | Name | |
|--|--|--|
| | Please note: | Check applicability; tool length beachten! |
| | Center distance [mm]: | 90 |
| 8 030 66 201 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 12.780 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank 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]: | 10000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 90 |
| 8 030 66 208 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 12.970 |
| | 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]: | 10000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | 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 |

| Part-# | Name | |
|---------------------|--|------------------|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | 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 |


| Part-# | Name | |
|---------------------|---|--|
| | 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 |
| 8 031 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 |

| Part-# | Name | |
|---------------------|---|--|
| 8 037 65 020 | Radial disk mill head arbor 1" | |
| | Weight [kg]: | 13.640 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 60.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1" (25,4mm) |
| | 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 |
| | 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 |


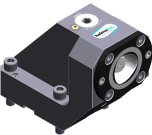
| Part-# | Name | |
|---------------------|---|-----------------------|
| 8 039 66 038 | Radial drilling and milling head ER 32 AX UT | |
| | Weight [kg]: | 12.570 |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 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 |
| 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 |

| Part-# | Name | |
|---|---|---------------------------------------|
| | 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 |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 90 |
| 8 040 64 011 | Universal head ± 90° 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 ± 90° 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 ± 90° 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 |


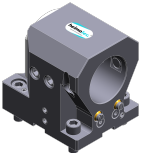
| Part-# | Name | |
|---|--|--------------------------------------|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Note swivel range ! |
| | Center distance [mm]: | 81 |
| 8 040 65 019 | Universal head ± 90° adjustable ER 25 AX UT | |
|  | 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 |
| | 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 |

| Part-# | Name | |
|---|---|-------------------------|
| | 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 |
| | 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 |

| Part-# | Name | |
|---------------------|--|------------------------------------|
| 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 |
| 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 |


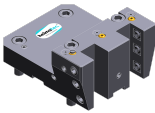
| Part-# | Name | |
|---|-----------------------------------|--|
| 8 240 16 057 | Tool holder ABS 63 | |
| | Weight [kg]: | 8.050 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 59.70 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key slot b 20 |
| | Tool adaption: | ABS 63 |
| | 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 |
| | 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 |

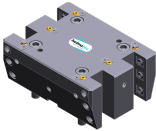


| Part-# | Name | |
|---------------------|-----------------------------------|---|
| 8 240 18 075 | Insert drill holder 32 IC | |
| | Weight [kg]: | 9.620 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 60.00 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key slot b 20 |
| | 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 |
| 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 |

| Part-# | Name | |
|---|-----------------------------------|-------------------------|
| 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 |
| 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 |

| Part-# | Name | |
|---------------------|---|--|
| 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 |
| 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 |

| Part-# | Name | |
|---------------------|---|-------------------------|
| 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 |
| 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 |

| Part-# | Name | |
|---|--|-------------------------|
| 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 |
| 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 |
| | | Sq. 25 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|---|--|
| 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 |
| 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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○ global representations of heimatec

heimatec[®]

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
77871 Renchen
Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
<https://heimatec.com/business-partners>