

Doosan

Lynx 220 LM/M



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

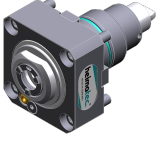
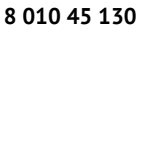

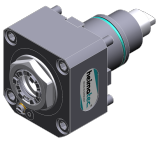
Tool systems for gear production

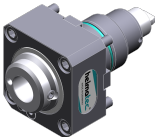
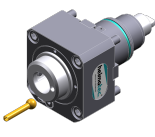

Digital tool management




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| Part-# | Name | |
|---------------------|---|---|
| 8 010 44 040 | Axial drilling and milling head ER 20 AX UT |  |
| | | <p>Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 20 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: Combi bearing</p> |
| 8 010 45 129 | Axial drilling and milling head ER 25 AX UT |  |
| | | <p>Weight [kg]: 1.830 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 10000 Rotating direction: same Coolant: EXT</p> |
| 8 010 45 130 | Axial drilling and milling head ER 25 AX UT IC |  |
| | | <p>Weight [kg]: 2.020 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 6000 Rotating direction: same Coolant: IC/Ext Pressure max [bar]: 25 Please note: Combi bearing</p> |
| 8 010 45 202 | Axial drilling and milling head ER 25 AX UT |  |
| | | <p>Weight [kg]: 1.740 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32 Rotation max [1/min]: 10000 Rotating direction: same Coolant: EXT</p> |
| 8 010 45 220 | Axial drilling and milling head ER 25 AX UT IC |  |
| | | <p>Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50</p> |

| Part-# | Name | |
|---|--|------------------|
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Dryrun possible |
| 8 010 46 258 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 2.090 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| 8 010 46 272 | Axial drilling and milling head ER 32 AX UT | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 010 46 327 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 2.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Dryrun possible |
| 8 019 45 162 | Axial drilling and milling head ER 25 AX UT | |
|  | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |

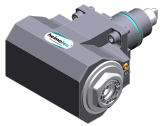
| Part-# | Name | |
|---|---|-------------------------|
| | Offset [mm]: | 42 |
| 8 019 45 163 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 5.940 |
| | Notation: | offset; 180°reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |
| 8 019 45 164 | Axial drilling and milling head ER 25 AX UT | |
|  | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |
| 8 019 45 165 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |
| 8 019 45 174 | Axial drilling and milling head ER 25 AX UT IC | |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |

| Part-# | Name | |
|---|--|------------------|
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |
| 8 030 44 098 | Radial drilling and milling head ER 16 AX UT | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 45 228 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 6.590 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 85 |
| 8 030 45 229 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 85 |
| 8 030 45 230 | Radial drilling and milling head ER 25 AX UT | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |

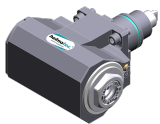
| Part-# | Name | |
|---------------------|--|------------------|
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 85 |
| 8 030 45 231 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 6.400 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 85 |
| 8 030 45 270 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 5.440 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 45 271 | Radial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 5.740 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |

Part-#

Name

8 030 45 272**Angle-mill- and drill holder ER 25 AX UT**

Weight [kg]: 5.470
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 8000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

8 030 45 273**Angle-mill- and drill holder ER 25 AX UT IC**


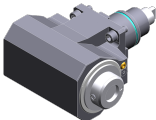
Weight [kg]: 5.690
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 65



8 030 45 551**Radial drilling and milling head ER 25 AX UT IC**



Weight [kg]: 6.660
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 105


8 030 45 594**Radial drilling and milling head ER 25 AX UT**


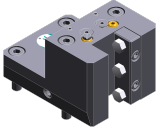

Weight [kg]: 5.030
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50

| Part-# | Name | |
|---|--|------------------|
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 45 595 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 5.980 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 65 |
| 8 030 46 459 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 5.770 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 65 |
| 8 030 46 460 | Radial drilling and milling head HT 4 | |
|  | Weight [kg]: | 5.530 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 031 44 051 | Radial polygon head arbor 16 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 16 |
| | Gear ratio [i]: | 1:1 |



| Part-# | Name | |
|---|---|---|
| | | Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: Combi bearing Center distance [mm]: 65 |
| 8 037 44 016 | Radial disk mill head arbor 16 | |
|  | | Notation: 180° reversible Version: ± 23° turnable Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: Arbor 16 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 4000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 78 |
| 8 037 44 038 | Radial disk mill head arbor 16 | |
| | | Weight [kg]: 4.650 Notation: 180° reversible Version: ± 45° turnable Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: Arbor 16 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 4000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 78 |
| 8 039 45 087 | Radial drilling and milling head ER 25 AX UT | |
|  | | Weight [kg]: 8.480 Notation: offset Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 8000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing; pendulous drive Center distance [mm]: 80 |



| Part-# | Name | |
|---|-----------------------|---|
|  | 8 043 44 014 | Universal head +135°/-30° adj. ER16AX UTIK |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| | 8 043 44 015 | Universal head +135°/-30° adj. ER16 AX UT |
| | Weight [kg]: | 8.710 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
|  | 8 043 44 043 | Universal head +105°/-20° adj. ER16 AX UT |
| | Weight [kg]: | 5.320 |
| | Notation: | offset;180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 50 |
| | Offset [mm]: | 35 |
| | 8 043 45 011 | Universal head +135°/-30° adj. ER25AX UT |
| | Weight [kg]: | 8.950 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| Coolant: | EXT | |

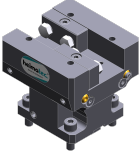
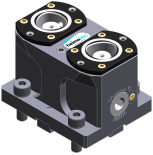
| Part-# | Name | |
|---|---|-------------------------------------|
| | Please note: | Note swivel range! stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 45 016 | Universal head +135°/-30° adj. ER25AX UT | |
| | Weight [kg]: | 8.920 |
| | Notation: | offset |
| | Version: | at 45° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Note swivel range! stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 050 44 030 | Multispindle drilling head ER 16 AX UT | |
|  | Weight [kg]: | 5.000 |
| | Notation: | offset |
| | Employment for: | Main spindle |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 58 |
| 8 200 99 000 | Cover plate 75,0x 75,0x 5,0 | |
| | Weight [kg]: | 0.480 |
| | Shank size [mm]: | 45.00 |
| | Shank type: | BMT |
| 8 202 00 011 | Basic holder longitudinal seat FN 12 | |
| | Weight [kg]: | 0.700 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Interface FN 12 |
| | Coolant: | EXT |
| | Center distance [mm]: | 15 |

| Part-# | Name | |
|---|---|---------------------------|
| 8 224 02 003 | Cut-off holder SH 26 | |
| | Weight [kg]: | 1.190 |
| | Notation: | 180° reversible |
| | Employment for: | Cut-off tool 26 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | EXT |
| 8 224 03 011 | Cut-off holder SH 32 | |
| | Weight [kg]: | 1.230 |
| | Notation: | 180° reversible |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| 8 224 03 014 | Universal turning holder sq. 3/4" IC | |
|  | Weight [kg]: | 2.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 224 03 017 | Universal turning holder sq. 3/4" | |
|  | Weight [kg]: | 2.550 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 224 04 060 | Universal turning holder sq. 20 IC | |
|  | Weight [kg]: | 2.520 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| 8 224 05 011 | Universal turning holder sq. 25 | |
| | Weight [kg]: | 3.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |


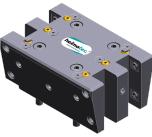

| Part-# | Name | |
|---|---|--------------------|
| 8 224 05 030 | Universal turning holder sq. 25 IC | |
|  | Weight [kg]: | 3.030 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 240 06 014 | Tool holder HT 4 IC | |
|  | Weight [kg]: | 3.070 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 85 |
| 8 240 07 005 | Boring bar holder Ø 1" | |
|  | Weight [kg]: | 3.490 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65 |
| 8 240 07 010 | Boring bar holder Ø 1 1/4" | |
| | Weight [kg]: | 3.320 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 65 |
| 8 240 07 039 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 3.520 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65 |
| 8 240 07 042 | Tool holder HT 5 IC | |
| | Weight [kg]: | 3.100 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | HT 5 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 85 |


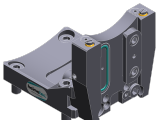

| Part-# | Name | |
|---|-----------------------------------|--------------------|
| 8 240 08 003 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 3.320 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 65 |
| 8 240 08 016 | Boring bar holder Ø 1 1/2" | |
|  | Weight [kg]: | 3.130 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 1 1/2" (38,1mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65 |
| 8 240 08 017 | Boring bar holder Ø 32 | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 80 |
| 8 240 08 018 | Boring bar holder Ø 1 1/2" | |
|  | Weight [kg]: | 3.700 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 1 1/2" (38,1mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 80 |
| 8 240 08 047 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 4.020 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 85 |
| 8 240 08 057 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 3.890 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |

| Part-# | Name | |
|---|--------------------------------------|-----------------------|
| | Center distance [mm]: | 85 |
| 8 240 09 014 | Boring bar holder Ø 40 | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 65 |
| 8 240 09 015 | Boring bar holder Ø 40 | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 80 |
| 8 244 04 000 | Combi facing holder sq. 20 | |
|  | Weight [kg]: | 3.930 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| 8 244 04 007 | Combi facing holder sq. 3/4" | |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 244 04 022 | Combi facing holder sq. 20 IC | |
| | Weight [kg]: | 2.200 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 244 04 029 | Combi facing holder sq. 20 IC | |
|  | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |

| Part-# | Name | |
|---|---|--|
| 8 244 05 009 | Combi facing holder sq. 25 | |
|  | Weight [kg]: | 4.320 |
| | Employment for: | Main- and sub spindle |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 250 05 004 | Multiple tool holder C 3 IC | |
|  | Weight [kg]: | 2.100 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 27 |
| | | 27 |
| 8 251 04 008 | Combi double turning holder sq. 20 | |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| 8 251 04 009 | Combi double turning holder sq. 3/4" | |
| | Weight [kg]: | 4.610 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 251 04 044 | Combi double turning holder sq. 20 | |
| | Weight [kg]: | 4.280 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|---|-----------------------|
| 8 251 04 047 | Combi double turning holder sq. 3/4" | |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 253 05 000 | Multiple boring bar holder Ø 3/4" | |
|  | Weight [kg]: | 3.320 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 3/4" (19,05mm) |
| | | Ø 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55/90 |
| 8 253 05 002 | Double boring bar holder Ø 3/4" | |
| | Weight [kg]: | 3.460 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 3/4" (19,05mm) |
| | | Ø 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65/90 |
| 8 253 06 004 | Double boring bar holder Ø 20 | |
|  | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 20 |
| | | Ø 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 65/90 |
| 8 253 07 012 | Double boring bar holder Ø 25 | |
| | Weight [kg]: | 3.150 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 55/90 |

| Part-# | Name | |
|---|---|---|
| 8 253 07 013 | Double boring bar holder Ø 1" | |
| | Weight [kg]: | 3.070 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 1" (25,4mm) Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55/90 |
| 8 253 07 034 | Multiple boring bar holder Ø 25 | |
| | Weight [kg]: | 2.330 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 25 Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Use necessarily check; note tool length |
| | Center distance [mm]: | 55/100 |
| 8 253 08 010 | Multiple boring bar holder Ø 32 | |
|  | Weight [kg]: | 3.500 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Ø 32 Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Use prüfen; note tool length! |
| | Center distance [mm]: | 65/100 |
| 8 259 01 015 | Multiple turning holder 4x sq. 20 | |
|  | Weight [kg]: | 5.320 |
| | Employment for: | Main- and sub spindle |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | EXT |
| 8 259 01 016 | Multiple turning holder 4x sq. 20 IC | |
|  | Weight [kg]: | 5.300 |
| | Employment for: | Main- and sub spindle |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |

| Part-# | Name | |
|---|---|--------------------------------------|
| 8 320 02 012 | Cut-off holder, height adjustable SH 26 IC | |
|  | Weight [kg]: | 1.270 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 02 013 | Cut-off holder, height adjustable SH 26 IC | |
| | Weight [kg]: | 1.360 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| 8 320 03 011 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.330 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 03 018 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 1.480 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| 8 320 03 023 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.590 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder; use |
| 8 320 03 051 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 1.230 |
| | Notation: | 180° reversible |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 15 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |



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