

Nakamura
NTJ-100 -
unterer Revolver



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 44 055 | Axial milling and drill holder ER 20 AX UT | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 44 056 | Axial milling and drill holder ER 20 AX UT IC | |
|  | Weight [kg]: | 1.440 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| 8 010 44 071 | Axial drilling and milling head Weldon 14 | |
| | Weight [kg]: | 1.640 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 14 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 44 085 | Axial drilling and milling head ER 20 AX UT IC | |
| | Weight [kg]: | 1.970 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | High pressure version |

| Part-# | Name | |
|---|---|------------------------|
| 8 010 44 091 | Axial drilling and milling head ER 20 AX UT | |
|  | Weight [kg]: | 1.530 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 010 44 092 | Axial drilling and milling head ER 20 AX UT IC | |
|  | Weight [kg]: | 1.560 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| 8 010 44 093 | Axial drilling and milling head ER 20 AX UT IC | |
|  | Weight [kg]: | 2.020 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Dryrun possible |
| 8 010 45 081 | Axial drilling and milling head Weldon 16 | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

| Part-# | Name | |
|---|---|------------------------|
| 8 010 45 082 | Axial drilling and milling head Weldon 16 IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| 8 010 45 160 | Axial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 1.530 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 010 45 170 | Axial drilling and milling head ER 25 IC | |
|  | Weight [kg]: | 1.550 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | 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 |
| 8 010 45 191 | Axial milling and drill holder ER 25 AX UT | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

Part-#

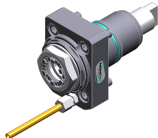
Name

8 010 45 192**Axial milling and drill holder ER 25 AX UT IC**

Weight [kg]: 1.800
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

8 010 45 193**Axial milling and drill holder ER 25 AX UT IC**

Weight [kg]: 2.340
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Combi bearing; dryrun possible

8 010 45 208**Axial drilling and milling head ER 25 AX UT**


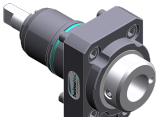
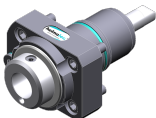

Weight [kg]: 1.500
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT

8 010 45 209**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 1.750
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 44.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25



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| Part-# | Name | |
|---|---|------------------------|
| 8 010 45 210 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 1.980 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Dryrun possible |
| 8 010 46 149 | Axial drilling and milling head HT 4 IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| 8 010 46 277 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 1.400 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| 8 010 46 323 | Axial drilling and milling head Weldon 20 | |
|  | Weight [kg]: | 1.940 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |

| Part-# | Name | |
|---|--|--------------------------------|
| 8 011 44 017 | Axial milling head universal arbor 16 | |
|  | Weight [kg]: | 1.560 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 44 018 | Axial milling head universal arbor 3/4" | |
|  | Weight [kg]: | 1.480 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 3/4" (19,05mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 45 024 | Axial milling head universal arbor 22 | |
|  | Weight [kg]: | 1.620 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 45 033 | Axial milling head universal arbor 1" | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 1" (25,4mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

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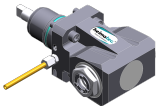
| Part-# | Name | |
|--|---|-------------------------|
| 8 013 43 001  | Axial drilling and milling head ER 11 | |
| | Weight [kg]: | 1.850 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 2,5 |
| | Rotation max [1/min]: | 48000 |
| | Rotating direction: | same |
| Coolant: | EXT | |
| 8 013 44 002  | Axial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 1.850 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | 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 44 003 | Axial drilling and milling head ER 16 AX UT IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | 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]: | 80 | |
| 8 019 44 014 | Axial drilling and milling head ER 16 | |
| | Weight [kg]: | 3.860 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| Rotating direction: | opposite | |
| Coolant: | EXT | |
| Please note: | Umsetzbarkeit check ! | |
| Offset [mm]: | 34,5 | |


| Part-# | Name | |
|---------------------|---|-------------------------|
| 8 019 44 017 | Axial drilling and milling head HT 2 | |
| | Weight [kg]: | 3.780 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 2 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| 8 019 44 040 | Axial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 3.780 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| 8 019 44 050 | Axial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 3.830 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| 8 019 44 052 | Axial drilling and milling head ER 16 AX UT IC | |
| | Weight [kg]: | 4.530 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |


| Part-# | Name | |
|---------------------|---|-------------------------|
| | Please note: | 180° reversible |
| | Offset [mm]: | 34,5 |
| 8 019 44 108 | Axial drilling and milling head ER 16 AX UT | |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| 8 019 44 109 | Axial drilling and milling head ER 16 AX UT IC | |
| | Weight [kg]: | 4.450 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Offset [mm]: | 34,5 |
| 8 019 44 124 | Axial drilling and milling head ER 16 AX UT IC | |
| | Weight [kg]: | 4.470 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Offset [mm]: | 34,5 |
| 8 019 44 138 | Axial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 3.120 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |



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| Part-# | Name | |
|---|---|-----------------------|
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| 8 030 44 065 | Radial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 4.360 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 68,5 |
| 8 030 44 067 | Angle-mill- and drill holder ER 20 AX UT | |
|  | Weight [kg]: | 4.000 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 44 068 | Angle-mill- and drill holder ER 20 AX UT IC | |
| | Weight [kg]: | 4.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |


| Part-# | Name | | |
|---|-----------------------|--|---|
|  | 8 030 44 069 | Radial drilling and milling head ER 20 AX UT | |
| | | Weight [kg]: | 4.520 |
| | | Notation: | 180° reversible |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 44.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 20 A - u-tec |
| | | Gear ratio [i]: | 1:2 |
| | | Torque max [Nm]: | 8 |
| | | Rotation max [1/min]: | 12000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | | Please note: | stronger bearing |
| | Center distance [mm]: | 68,5 | |
| | 8 030 44 070 | Radial drilling and milling head ER 20 AX UT IC | |
| | | Weight [kg]: | 4.570 |
| | | Notation: | 180° reversible |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 44.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 20 A - u-tec |
| | | Gear ratio [i]: | 1:2 |
| | | Torque max [Nm]: | 8 |
| | | Rotation max [1/min]: | 12000 |
| | | Rotating direction: | same |
| | | Coolant: | IC/Ext |
| | | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing | |
| | Center distance [mm]: | 68,5 | |
| | 8 030 44 083 | Radial drilling and milling head ER 16 AX UT | |
| | | Weight [kg]: | 4.580 |
| | | Notation: | 180° reversible |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 44.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 A - u-tec |
| | | Gear ratio [i]: | 1:2 |
| | | Torque max [Nm]: | 8 |
| | | Rotation max [1/min]: | 12000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | | Please note: | stronger bearing; Umsetzbarkeit check ! |
| | Center distance [mm]: | 75 | |
| | 8 030 44 172 | Radial drilling and milling head ER 16 AX UT | |
| | | Weight [kg]: | 4.360 |
| | | Notation: | 180° reversible |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 44.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 A - u-tec |
| | | Gear ratio [i]: | 1:3 |
| | | Torque max [Nm]: | 8 |
| | | Rotation max [1/min]: | 18000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |



| Part-# | Name | |
|---|--|---|
| | Center distance [mm]: | 68,5 |
| 8 030 44 187 | Radial drilling and milling head ER 16 AX UT IC | |
|  | Weight [kg]: | 4.710 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing; Umsetzbarkeit check ! |
| | Center distance [mm]: | 75 |
| 8 030 44 208 | Radial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 4.050 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 80 |
| 8 030 44 214 | Radial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 4.750 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing; check applicability ! |
| | Center distance [mm]: | 75 |
| 8 030 44 216 | Radial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 4.010 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |

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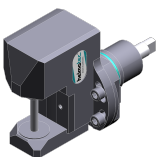
| Part-# | Name | |
|---|--|------------------|
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 80 |
| 8 030 44 229 | Radial drilling and milling head ER 20 AX UT | |
|  | Weight [kg]: | 4.780 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 75 |
| 8 030 44 230 | Radial drilling and milling head ER 20 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 75 |
| 8 030 44 239 | Angle-mill- and drill holder ER 20 AX UT IC | |
|  | Weight [kg]: | 4.900 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 44 240 | Angle-mill- and drill holder ER 20 AX UT | |
|  | Weight [kg]: | 4.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |

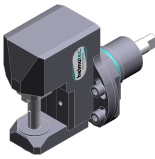
| Part-# | Name | |
|---|--|------------------|
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 45 158 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 4.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| 8 030 45 199 | Angle-mill- and drill holder ER 25 AX UT IC | |
|  | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 45 218 | Radial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 5.040 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |

| Part-# | Name | |
|---|--|--|
| 8 030 45 326 | Radial drilling and milling head C 3 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 58 |
| 8 030 45 328 | Radial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 4.537 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 75 |
| 8 030 45 583 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 4.280 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 75 |
| 8 030 45 584 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 4.760 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |

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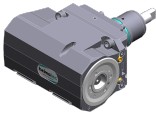
| Part-# | Name | |
|---------------------|---|--------------------|
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 75 |
| 8 030 46 337 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 4.310 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 031 44 046 | Radial polygon head arbor 16 | |
| | Weight [kg]: | 5.000 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| 8 031 45 040 | Radial milling head universal arbor 22 | |
| | Weight [kg]: | 4.730 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| 8 037 41 000 | Radial disk mill head arbor 8 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 8 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |





| Part-# | Name | |
|--|---|-----------------------|
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| 8 037 42 000 | Radial disk mill head arbor 10 | |
| | Weight [kg]: | 5.020 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 10 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| 8 037 43 003 | Radial disk mill head arbor 13 | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 13 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| 8 037 44 012 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 5.300 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | 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: | no |
| | Center distance [mm]: | 78 |
| 8 039 44 058 | Radial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 4.690 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 16000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |

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| Part-# | Name | |
|---|---|--|
| | Center distance [mm]: | 68,5 |
| 8 039 44 059 | Radial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 4.660 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 6 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 68,5 |
| 8 039 45 149 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 5.220 |
| | Notation: | 180° reversible |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 75 |
| 8 039 45 150 | Radial drilling and milling head C 3 | |
|  | Weight [kg]: | 9.080 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---|---|------------------|
| 8 040 43 003 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 3.550 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 67 |
| 8 040 44 031 | Universal head ± 90° adjustable ER 16 | |
|  | Weight [kg]: | 3.580 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 67 |
| 8 040 44 110 | Universal head ± 90° adjustable ER 16 AX UT | |
|  | Weight [kg]: | 3.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 58 |
| 8 040 44 111 | Universal head ± 90° adjustable ER 16 AX UT IC | |
|  | Weight [kg]: | 3.040 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 58 |

| Part-# | Name | |
|---|---|----------------------------------|
| 8 040 44 116 | Universal head ± 90° adjustable ER 16 AX UT | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 58 |
| 8 040 44 117 | Universal head ± 90° adjustable ER 16 AX UT IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 58 |
| 8 043 43 001 | Universal head +155° adj. ER11 AX | |
| | Weight [kg]: | 4.200 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 74 |
| 8 050 44 010 | Multispindle drilling head ER 16 AX UT | |
| | Notation: | offset |
| | Version: | 3-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | 2xER 16 A UT offset, 1x centered |

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| Part-# | Name | |
|---|---|-----------------------------|
| 8 050 44 011 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 3.810 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles in short version |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 20 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| 8 050 44 018 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 4.830 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| 8 050 44 019 | Multispindle drilling head ER 16 AX UT | |
|  | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | 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]: | 50 |
| 8 050 44 021 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 3.770 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles in short version |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |

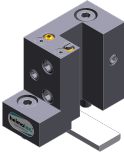
| Part-# | Name | |
|---|--|-------------------------|
| 8 050 44 024 | Multispindle drilling head ER 16 AX UT IC | |
| | Weight [kg]: | 4.840 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Offset [mm]: | 50 |
| 8 050 44 069 | Multispindle drilling head ER 16 AX UT | |
|  | Weight [kg]: | 4.060 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| 8 050 44 070 | Multispindle drilling head ER 16 AX UT IC | |
|  | Weight [kg]: | 4.150 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 50 |
| 8 050 44 071 | Multispindle drilling head ER 20 AX UT | |
|  | Weight [kg]: | 4.160 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |

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| Part-# | Name | |
|---|---|------------------|
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| 8 053 44 068 | Multispindle radial head ER 16 AX UT | |
|  | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| 8 053 44 070 | Multispindle radial head ER 16 AX UT | |
|  | Weight [kg]: | 5.600 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16/Sp |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| 8 053 44 071 | Multispindle radial head ER 16 AX UTIK | |
|  | Weight [kg]: | 5.600 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16/Sp |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| 8 068 44 000 | Radial whirling unit HW 46 | |
|  | Weight [kg]: | 4.960 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HW 46 |

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| Part-# | Name | |
|---|---|---------------------------------|
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | without cutting inserts carrier |
| | Center distance [mm]: | 63 |
| 8 200 03 011 | Cover plate | |
| | Weight [kg]: | 0.214 |
| | Shank type: | BMT |
| 8 202 10 005 | Basic holder longitudinal seat FN 12 | |
|  | Weight [kg]: | 0.720 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Interface FN 12 |
| | Coolant: | EXT |
| 8 209 48 001 | Adapter for sensor Renishaw RLP | |
| | Weight [kg]: | 0.980 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Coolant: | no |
| 8 224 11 012 | Cut-off holder sq. 20 | |
|  | Weight [kg]: | 0.920 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 224 11 013 | Cut-off holder sq. 20 | |
|  | Weight [kg]: | 0.890 |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 224 11 014 | Turning holder sq. 3/4" | |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |

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| Part-# | Name | |
|---|--|-----------------------------|
| 8 224 11 015 | Cut-off holder sq. 3/4" | |
| | Weight [kg]: | 0.900 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 224 12 008 | Cut-off holder SH 26 | |
| | Weight [kg]: | 1.010 |
| | Employment for: | Cut-off tool 26 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | EXT |
| 8 224 12 009 | Cut-off holder SH 26 | |
|  | Weight [kg]: | 1.120 |
| | Employment for: | for cut-off tool 26 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | EXT |
| 8 224 13 006 | Cut-off holder SH 32 | |
|  | Weight [kg]: | 0.800 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| 8 224 14 007 | Universal turning holder sq. 20 | |
|  | Weight [kg]: | 2.030 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| 8 224 14 008 | Universal turning holder sq. 3/4" | |
| | Weight [kg]: | 1.970 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |

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| Part-# | Name | |
|---|---|--------------------------|
| 8 224 14 017 | Universal turning holder sq. 20 | |
|  | Notation: | 180° reversible |
| | Version: | short |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| 8 224 14 024 | Universal turning holder sq. 20 IC | |
|  | Weight [kg]: | 1.970 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 224 14 030 | Universal turning holder sq. 3/4" IC | |
| | Weight [kg]: | 1.700 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 225 11 006 | Cut-off holder sq. 20 | |
|  | Weight [kg]: | 0.900 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 225 11 007 | Cut-off holder sq. 20 | |
| | Weight [kg]: | 0.900 |
| | Employment for: | right cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 225 11 008 | Cut-off holder sq. 3/4" | |
| | Weight [kg]: | 0.910 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |




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| Part-# | Name | |
|---|--|---|
| | Coolant: | EXT |
| 8 229 15 006 | Tool holder C 3 IC | |
|  | Weight [kg]: | 1.880 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability, tool length check! |
| | Offset [mm]: | 45 |
| 8 240 15 007 | Insert drill holder 16 IC | |
| | Weight [kg]: | 4.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 16 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 15 024 | Collet chuck holder ER 25 AX UT | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 15 042 | Tool holder C 3 IC | |
| | Weight [kg]: | 2.300 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 70 |
| 8 240 15 043 | Tool holder C 3 IC | |
|  | Weight [kg]: | 2.470 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length |
| | Center distance [mm]: | 70 |

| Part-# | Name | |
|--|-------------------------------|--|
| 8 240 16 007 | Boring bar holder Ø 20 | |
|  | Weight [kg]: | 2.130 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 068 | Tool holder C 4 IC | |
|  | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 17 020 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 2.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 029 | Boring bar holder Ø 1" | |
| | Weight [kg]: | 2.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 038 | Boring bar holder Ø 1" | |
| | Weight [kg]: | 2.950 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 92,5 |
| 8 240 17 039 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 2.920 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 92,5 |

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| Part-# | Name | |
|--|--|--|
|  <p>8 240 17 086</p> | <p>Boring bar holder Ø 25</p> <p>Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:</p> | <p>3.540 180° reversible offset BMT Centering key b 20 Ø 25 IC/Ext Tool adaption on turret center 75</p> |
|  <p>8 240 18 025</p> | <p>Boring bar holder Ø 32</p> <p>Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:</p> | <p>3.610 180° reversible offset BMT Centering key b 20 Ø 32 IC/Ext Tool adaption to turret center 75</p> |
|  <p>8 240 18 052</p> | <p>Boring bar holder Ø 1 1/4 "</p> <p>Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:</p> | <p>3.140 180° reversible BMT Centering key b 20 Ø 1 1/4" (31,75mm) IC/Ext 75</p> |
|  <p>8 240 18 076</p> | <p>Boring bar holder Ø 32</p> <p>Weight [kg]: Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:</p> | <p>3.400 180° reversible offset BMT Centering key b 20 Ø 32 IC/Ext Tool adaption on turret center 75</p> |
|  <p>8 244 11 003</p> | <p>Facing holder sq. 20</p> <p>Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant:</p> | <p>2.550 180° reversible BMT Centering key b 20 Sq. 20 EXT</p> |



| Part-# | Name | |
|---|---|--|
| 8 244 11 006 | Facing holder sq. 3/4" | |
|  | Weight [kg]: | 2.460 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 249 15 008 | Double collet chuck holder ER 25 AX UT | |
|  | Weight [kg]: | 3.110 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 249 15 014 | Double tool holder C 3 IC | |
| | Weight [kg]: | 3.500 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability!; note tool length! |
| | Center distance [mm]: | 70 |
| 8 251 11 004 | Double turning holder sq. 20 | |
|  | Weight [kg]: | 3.250 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 |
| | Coolant: | EXT |
| 8 251 11 005 | Double turning holder sq. 16 | |
| | Weight [kg]: | 3.360 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 16 |
| | Coolant: | EXT |
| 8 251 11 008 | Double turning holder sq. 3/4" | |
| | Weight [kg]: | 3.240 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |

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| Part-# | Name | |
|---|---|-----------------------|
| 8 251 13 021 | Combi multiple holder 6x sq. 3/4" IC | |
|  | Weight [kg]: | 4.020 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 251 13 022 | Combi multiple holder 3x sq. 3/4" IC | |
|  | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 251 14 013 | Combi multiple holder 6x sq. 20 | |
|  | Weight [kg]: | 3.890 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| 8 251 14 023 | Combi multiple holder 6x sq. 3/4" | |
| | Weight [kg]: | 4.080 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" |
| | | Sq. 3/4" |
| | | Sq. 3/4" |
| | | Sq. 3/4" |
| | Coolant: | EXT |
| 8 251 14 080 | Combi multiple holder 6x sq. 20 IC | |
|  | Weight [kg]: | 4.100 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |

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| Part-# | Name | |
|---|--|--------------------------------|
| | Please note: | Key rail |
| 8 251 14 081 | Combi multiple holder 3x sq. 20 IC | |
|  | Weight [kg]: | 2.550 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 251 14 099 | Combi double turning holder sq. 20 IC | |
|  | Weight [kg]: | 3.140 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 253 13 003 | Multiple tool holder 2x HSK 40-T | |
| | Weight [kg]: | 4.740 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69893 T - HSK 40 |
| | | DIN 69893 T - HSK 40 - 15° |
| | Coolant: | IC/Ext |
| | Please note: | Insert has to be provided will |
| | Center distance [mm]: | 85 |
| 8 253 13 005 | Multiple tool holder 2x HSK 40-T | |
| | Weight [kg]: | 5.040 |
| | Employment for: | Main spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69893 T - HSK 40 |
| | | DIN 69893 T - HSK 40 - 15° |
| | Coolant: | IC/Ext |
| | Please note: | Insert has to be provided will |
| | Center distance [mm]: | 85 |
| 8 253 13 006 | Multiple tool holder 2x HSK 40-T | |
| | Weight [kg]: | 4.640 |
| | Notation: | offset |
| | Employment for: | Main spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69893 T - HSK 40 |
| | | DIN 69893 T - HSK 40 - 15° |
| | Coolant: | IC/Ext |
| | Please note: | Insert has to be provided will |

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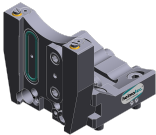
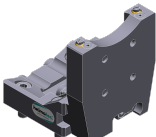
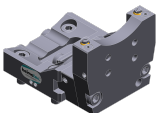
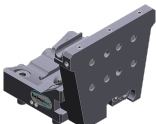

| Part-# | Name | |
|---------------------|---|----------------------------|
| | Center distance [mm]: | 85 |
| 8 253 13 007 | Multiple tool holder 2x HSK 40-T | |
| | Employment for: | Sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69893 T - HSK 40 |
| | | DIN 69893 T - HSK 40 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 85 |
| 8 253 13 008 | Multiple tool holder 2x HSK 40-T | |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69893 T - HSK 40 |
| | | DIN 69893 T - HSK 40 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 85 |
| 8 253 17 031 | Multiple boring bar holder 2x Ø 25 | |
| | Weight [kg]: | 4.590 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 92,5 |
| 8 253 17 036 | Multiple boring bar holder 2x Ø 1" | |
| | Weight [kg]: | 4.640 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" |
| | | Ø 1" - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 92,5 |
| 8 253 17 103 | Multiple boring bar holder 2x Ø 25 | |
| | Weight [kg]: | 4.030 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |

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| Part-# | Name | |
|---|---|--------------------------------------|
| 8 253 17 111 | Double boring bar holder 2x Ø 25 | |
| | Weight [kg]: | 2.600 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 60/90 |
| 8 259 11 002 | Multiple turning holder 2x sq. 20 | |
|  | Weight [kg]: | 2.080 |
| | Notation: | 180° reversible |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 |
| | Coolant: | EXT |
| 8 259 19 008 | Multiple holder Ø 25 and sq. 20 | |
| | Weight [kg]: | 5.140 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 92,5 |
| 8 263 19 037 | Tool holder with rotating centering point | |
|  | Weight [kg]: | 3.750 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 85 |
| 8 320 12 007 | Cut-off holder, height adjustable SH 26 IC | |
| | Weight [kg]: | 1.230 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |

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| Part-# | Name | |
|---|---|--|
| 8 320 12 008 | Cut-off holder, height adjustable SH 26 IC | |
| | Weight [kg]: | 1.380 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| 8 320 13 003 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.300 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 13 013 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 1.580 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder; use |
| 8 320 13 014 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.490 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| 8 320 13 032 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.430 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal; cut-off tool able to penetrate the tool holder body |
| 8 320 19 008 | Cut-off holder, height adjustable 845 IC | |
|  | Weight [kg]: | 1.500 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: |  System 845 |
| | Coolant: | IC |

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| Part-# | Name |
|--------|-------------------------------------|
| | Pressure max [bar]: Please note: |
| | 70 Clampshaft internal |

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