

Nakamura
Super
NTJ-oberer



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems


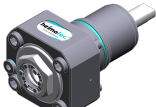

Tool systems for gear production

Digital tool management

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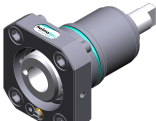
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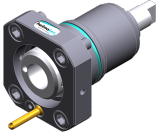



| Part-# | Name | |
|---|--|---|
| 8 009 59 000 | Adapter for ECOROLL glazing roller head | |
| | Weight [kg]: | 2.260 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Center 47 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 010 55 033 | Axial milling and drill holder ER 25 AX UT | |
|  | Weight [kg]: | 2.830 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 55 035 | Axial milling and drill holder ER 25 AX UT IC | |
|  | Weight [kg]: | 2.860 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Combi bearing; high pressure version; dryrun possible |
| 8 010 55 049 | Axial drilling and milling head Weldon 16 | |
|  | Weight [kg]: | 3.140 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |



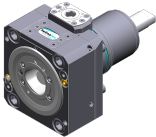
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| Part-# | Name | |
|--|---|------------------------------------|
| 8 010 55 068 | Axial drilling and milling head C 3 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 010 55 069 | Axial drilling and milling head C 3 IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | 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 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 010 55 078 | Axial drilling and milling head Weldon 3/4" IC | |
|  | Weight [kg]: | 3.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 3/4" (19,05mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| 8 010 55 081 | Axial drilling and milling head Weldon 3/4" | |
|  | Weight [kg]: | 3.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 3/4" (19,05mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

| Part-# | Name | |
|---|---|------------------|
| 8 010 55 092 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 2.870 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | same |
| | Coolant: | IC air |
| | Pressure max [bar]: | 10 |
| | Please note: | Combi bearing |
| 8 010 55 109 | Axial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 2.600 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | same |
| | Coolant: | EXT |
| 8 010 55 111 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | 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 |
| 8 010 56 031 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 1.760 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | short version |

| Part-# | Name | |
|---|--|------------------|
| 8 010 56 032 | Axial drilling and milling head HT 4 | |
|  | Weight [kg]: | 1.740 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | short version |
| 8 010 56 059 | Axial drilling and milling head HT 4 | |
|  | Weight [kg]: | 2.880 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 56 063 | Axial milling and drill holder ER 32 AX UT | |
|  | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 56 064 | Axial milling and drill holder ER 32 AX UT IC | |
|  | Weight [kg]: | 3.020 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |

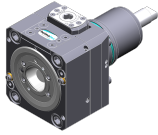
| Part-# | Name | |
|---|--|--|
| 8 010 56 065 | Axial milling and drill holder ER 32 AX UT IC | |
|  | Weight [kg]: | 3.020 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Combi bearing; dryrun possible |
| 8 010 56 066 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 2.930 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| 8 010 56 069 | Axial drilling and milling head Weldon 20 | |
| | Weight [kg]: | 3.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 56 110 | Axial drilling and milling head C 4 | |
|  | Weight [kg]: | 4.750 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Check applicability; tool length check ! |

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| Part-# | Name |
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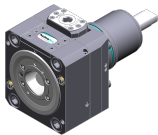
8 010 56 111



Axial drilling and milling head C 4 IC

Weight [kg]: 5.800
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Check applicability; tool length check !

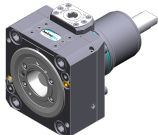
8 010 56 120



Axial drilling and milling head C 4 IC

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Machine adaption: Centering key b 20
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Check applicability; tool length check !

8 010 56 138



Axial drilling and milling head C 4

Weight [kg]: 4.730
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Please note: Check applicability; tool length check !

8 010 56 140





Axial drilling and milling head ER 32 AX UT IC

Weight [kg]: 3.000
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext

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| Part-# | Name | |
|---|---|------------------------|
| | Pressure max [bar]: | 100 |
| 8 010 56 144 | Axial drilling and milling head HT 4 IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 010 56 151 | Axial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 2.770 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 010 56 153 | Axial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 3.180 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 010 57 065 | Axial drilling and milling head Weldon 25 IC | |
| | Weight [kg]: | 3.250 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |

| Part-# | Name | |
|---|--|------------------------------------|
| 8 010 57 066 | Axial drilling and milling head Weldon 25 | |
| | Weight [kg]: | 3.230 |
| | Version: | long; special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 54 006 | Axial milling head universal arbor 3/4" | |
|  | Weight [kg]: | 2.910 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 3/4" (19,05mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 54 015 | Axial milling head arbor 5/8" | |
|  | Weight [kg]: | 2.880 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 5/8" (15,875mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 55 014 | Axial milling head universal arbor 22 IC | |
|  | Weight [kg]: | 3.080 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Combi bearing, Trockenauf possible |

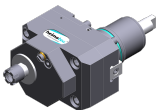
| Part-# | Name | |
|---|---|----------------------|
| 8 011 55 015 | Axial milling head universal arbor 22 | |
|  | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 013 53 000 | Axial drilling and milling head ER 11 | |
|  | Weight [kg]: | 2.300 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 54 005 | Axial drilling and milling head ER 16 AX UT | |
|  | Weight [kg]: | 2.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 54 007 | Axial drilling and milling head ER 16 AX UT IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 51 002 | Axial drilling and milling head CHC | |
|  | Weight [kg]: | 6.880 |
| | Notation: | IC-300 |
| | Version: | no Splash-protection |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |

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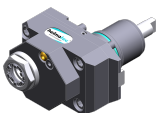
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| Part-# | Name | |
|---------------------|--|-------------------------|
| | Tool adaption: | CHC |
| | Gear ratio [i]: | 1:1,5 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Center distance [mm]: | 77 |
| 8 019 53 004 | Axial drilling and milling head ER 11 AX IC | |
| | Weight [kg]: | 9.380 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 90 |
| | Offset [mm]: | 134 |
| 8 019 54 000 | Axial drilling and milling head ER 20 | |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | 180° reversible |
| | Offset [mm]: | 42 |
| 8 019 54 021 | Axial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 5.420 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | stronger bearing |
| | Offset [mm]: | 75 |

| Part-# | Name | |
|---------------------|---|-------------------------|
| 8 019 54 028 | Axial drilling and milling head ER 20 AX UT IC | |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 75 |
| 8 019 54 029 | Axial milling head universal arbor 16 | |
| | Notation: | offset, 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Offset [mm]: | 42 |
| 8 019 54 031 | Axial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 5.230 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Offset [mm]: | 42 |
| 8 019 54 055 | Axial drilling and milling head ER 16 M IC | |
| | Weight [kg]: | 6.200 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 M |
| | 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 |



| Part-# | Name | |
|---------------------|--|-------------------------|
| 8 019 55 003 | Axial drilling and milling head ER 25 | |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | 180° reversible |
| | Offset [mm]: | 42 |
| 8 019 55 005 | Axial drilling and milling head ER 25 | |
| | Weight [kg]: | 5.120 |
| | Notation: | Y-axes offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Offset [mm]: | 42 |
| 8 019 55 007 | Axial milling head arbor 22 | |
| | Notation: | offset |
| | Version: | Y-axes offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 34,5 |
| 8 019 55 018 | Axial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 5.230 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |

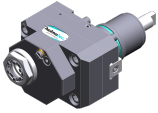


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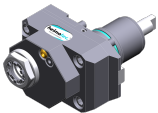
| Part-# | Name |
|--------|------|
|--------|------|

8 019 55 023



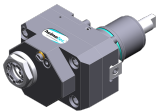
Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 6.260
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 40
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 024



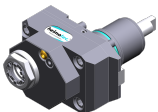
Axial drilling and milling head ER 25 AX UT
 Weight [kg]: 5.230
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 25
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 025

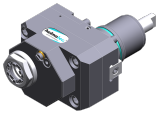

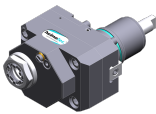


Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 6.330
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 25
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 026


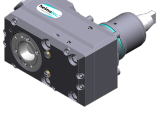





Axial drilling and milling head ER 25 AX UT
 Weight [kg]: 5.300
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:3
 Torque max [Nm]: 16

| Part-# | Name | |
|---|---|---|
| | | Rotation max [1/min]: 18000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 42 |
| 8 019 55 027 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: 6.350 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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 55 028 | Axial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: 5.240 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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 Coolant: EXT Please note: stronger bearing Offset [mm]: 42 | |
| 8 019 55 029 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: 6.220 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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 Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 42 | |

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| Part-# | Name | |
|---|---|--|
| 8 019 55 045 | Axial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 6.350 |
| | Notation: | offset; 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Offset [mm]: | 42 |
| 8 019 55 087 | Axial milling head universal arbor 22 | |
| | Weight [kg]: | 5.480 |
| | Notation: | offset, 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Offset [mm]: | 42 |
| 8 019 56 038 | Axial drilling and milling head C 4 | |
|  | Weight [kg]: | 6.930 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 62 |
| 8 019 56 042 | Axial drilling and milling head C 4 IC | |
|  | Weight [kg]: | 7.720 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |

| Part-# | Name | |
|---|--|--|
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 62 |
| 8 019 56 057 | Axial drilling and milling head C 4 IC | |
|  | Weight [kg]: | 7.650 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 62 |
| 8 030 53 005 | Radial drilling and milling head ER 11 | |
|  | Weight [kg]: | 5.210 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 2,5 |
| | Rotation max [1/min]: | 48000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 65 |
| 8 030 54 001 | Radial drilling and milling head ER 20 | |
|  | Weight [kg]: | 4.750 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 55 |
| 8 030 54 043 | Radial drilling and milling head Weldon 12 IC | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 12 |
| | Gear ratio [i]: | 1:1 |

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

| | |
|-----------------------|---------------|
| 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]: | 75 |

8 030 54 048 Radial drilling and milling head ER 16 AX UT

| | |
|-----------------------|------------------|
| Weight [kg]: | 6.320 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 A - u-tec |
| Gear ratio [i]: | 1:3 |
| Torque max [Nm]: | 12 |
| Rotation max [1/min]: | 18000 |
| Rotating direction: | same |
| Coolant: | EXT |
| Please note: | stronger bearing |
| Center distance [mm]: | 77 |

8 030 54 049 Radial drilling and milling head ER 16 AX UT IC



| | |
|-----------------------|--------------------------------------|
| Weight [kg]: | 6.500 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 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; high pressure version |
| Center distance [mm]: | 65 |

8 030 54 050 Radial drilling and milling head ER 16 AX UT IC



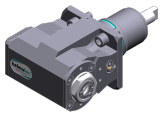
| | |
|-----------------------|------------------|
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 A - u-tec |
| Gear ratio [i]: | 1:4 |
| Torque max [Nm]: | 5 |
| Rotation max [1/min]: | 24000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Center distance [mm]: | 65 |

Part-#

Name

8 030 54 056**Radial drilling and milling head ER 20 AX UT IC**

Weight [kg]: 5.320
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 55

8 030 54 064**Radial drilling and milling head ER 20 AX UT IC**

Weight [kg]: 6.520
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20 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]: 77

8 030 55 004**Radial drilling and milling head ER 25 IC**



Weight [kg]: 5.200
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25
 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]: 55

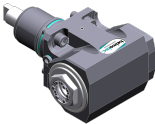

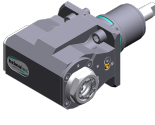
8 030 55 007**Radial drilling and milling head ER 25**

Weight [kg]: 4.770
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT

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| Part-# | Name | |
|---|---|------------------------------------|
| | Center distance [mm]: | 55 |
| 8 030 55 063 | Radial drilling and milling head ER 25 AX UT | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 55 076 | Angle-mill- and drill holder ER 25 AX UT | |
| | Weight [kg]: | 6.860 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 55 081 | Angle-mill- and drill holder ER 25 AX UT IC | |
| | Weight [kg]: | 7.150 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 75 |
| 8 030 55 087 | Radial drilling and milling head Weldon 3/4" | |
|  | Weight [kg]: | 6.690 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 3/4" (19,05mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |

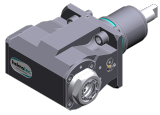
| Part-# | Name | |
|---|---|--|
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 55 091 | Angle-mill- and drill holder ER 25 AX UT IC | |
|  | Weight [kg]: | 6.680 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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; high pressure version |
| | Center distance [mm]: | 65 |
| 8 030 55 092 | Angle-mill- and drill holder ER 25 AX UT | |
|  | Weight [kg]: | 6.320 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 55 122 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 6.380 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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; check applicability; |
| | Center distance [mm]: | 77 |

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

8 030 55 123



Radial drilling and milling head ER 25 AX UT IC

| | |
|-----------------------|------------------|
| Weight [kg]: | 6.550 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| 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]: | 77 |

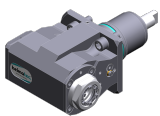
8 030 55 131



Radial drilling and milling head ER 25 AX UT

| | |
|-----------------------|------------------|
| Weight [kg]: | 4.980 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 25 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | opposite |
| Coolant: | EXT |
| Please note: | stronger bearing |
| Center distance [mm]: | 55 |

8 030 55 139



Radial drilling and milling head ER 25 AX UT IC

| | |
|-----------------------|------------------|
| Weight [kg]: | 6.560 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| 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]: | 77 |

8 030 55 140

Radial drilling and milling head ER 25 AX UT

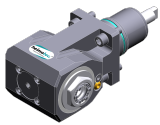
| | |
|-----------------------|------------------|
| Weight [kg]: | 6.700 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 A - u-tec |
| Gear ratio [i]: | 1:3 |
| Torque max [Nm]: | 12 |
| Rotation max [1/min]: | 18000 |
| Rotating direction: | same |

| Part-# | Name | |
|---------------------|--|---|
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 55 154 | Radial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 5.390 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | High pressure version, stronger bearing |
| | Center distance [mm]: | 55 |
| 8 030 55 158 | Radial drilling and milling head C 3 IC | |
| | Weight [kg]: | 8.280 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 65 |
| 8 030 55 159 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 7.710 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 107 |
| 8 030 55 206 | Radial drilling and milling head ER 25 AX UT IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |

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

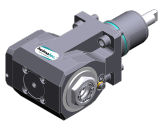
Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: strong bearing with hybrid-bearing
 Center distance [mm]: 77

8 030 55 216 Angle-mill- and drill holder ER 25 AX UT



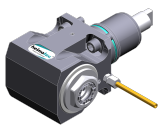
Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing; check applicability
 Center distance [mm]: 95

8 030 55 217 Angle-mill- and drill holder ER 25 AX UT IC

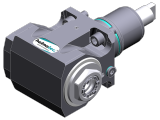
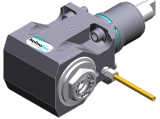
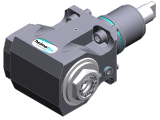



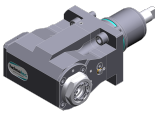
Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing; Einsatzbereit check!
 Center distance [mm]: 95

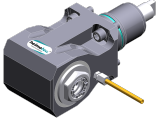

8 030 55 238 Radial drilling and milling head ER 25 AX UT



Weight [kg]: 6.100
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 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: EXT
 Center distance [mm]: 65

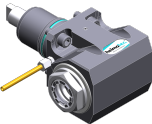

| Part-# | Name |
|---|---|
| 8 030 55 239 | Radial drilling and milling head ER 25 AX UT IC |
|  | Weight [kg]: 6.470 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 12000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 65 |
| 8 030 55 240 | Radial drilling and milling head ER 25 AX UT |
|  | Weight [kg]: 6.380 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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: EXT Center distance [mm]: 75 |
| 8 030 55 241 | Angle drilling and milling head ER 25 AX UT IC |
|  | Weight [kg]: 6.960 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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]: 75 |
| 8 030 55 244 | Angle-mill- and drill holder ER 25 AS UT |
| | Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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: EXT Please note: Combi bearing Center distance [mm]: 65 |

| Part-# | Name | |
|---|--|--|
| 8 030 55 246 | Radial drilling and milling head ER 25 AS UT | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 55 247 | Radial drilling and milling head ER 25 AS UT IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 55 250 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 8.170 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 100 |
| 8 030 55 251 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 7.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 16000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing; check applicability; |

| Part-# | Name | |
|--|--|----------------------|
| | Center distance [mm]: | 100 |
| 8 030 55 262 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 7.500 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | EXT |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 95 |
| 8 030 55 263 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 7.980 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 95 |
| 8 030 56 013 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 4.620 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 55 |
| 8 030 56 059 | Radial drilling and milling head HT 4 IC | |
| | Notation: | 180° reversible |
| | Version: | long |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |

Nakamura

Super NTJ-oberer Revolver

| Part-# | Name | |
|--|---|------------------|
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 070 | Radial drilling and milling head ER 32 AX UT | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 075 | Radial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 6.580 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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 56 076 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.970 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 56 077 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.920 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |

Part-#

Name

Gear ratio [i]: 2:1
 Torque max [Nm]: 63
 Rotation max [1/min]: 3000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 75

8 030 56 087

Angle-mill- and drill holder ER 32 AX UT

Weight [kg]: 6.880
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 75

8 030 56 088

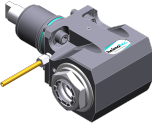
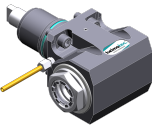

Angle-mill- and drill holder ER 32 AX UT IC

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 75

8 030 56 090

Radial drilling and milling head ER 32 AX UT IC

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 2:1
 Torque max [Nm]: 63
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 65

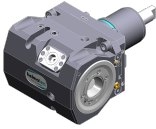
| Part-# | Name | |
|---|-----------------------|--|
|  | 8 030 56 092 | Radial drilling and milling head ER 32 AX UT |
| | Weight [kg]: | 6.830 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| Center distance [mm]: | 75 | |
| | 8 030 56 093 | Radial drilling and milling head ER 32 AX UT IC |
| | Weight [kg]: | 7.040 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| Please note: | Combi bearing | |
| Center distance [mm]: | 75 | |
|  | 8 030 56 095 | Angle-mill- and drill holder ER 32 AX UT |
| | Weight [kg]: | 6.320 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| Center distance [mm]: | 65 | |
|  | 8 030 56 096 | Angle-mill- and drill holder ER 32 AX UT IC |
| | Weight [kg]: | 6.700 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |

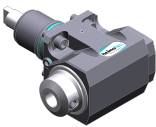
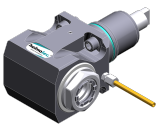
Nakamura
Super NTJ-oberer Revolver

| Part-# | Name | |
|---------------------|---|------------------|
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 107 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 7.180 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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]: | 75 |
| 8 030 56 121 | Radial drilling and milling head HT 4 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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]: | 77 |
| 8 030 56 124 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 56 125 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 6.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:2 |

Nakamura

Super NTJ-oberer Revolver

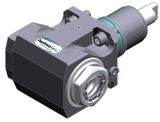
| Part-# | Name | |
|---|--|--|
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 56 126 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.340 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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]: | 77 |
| 8 030 56 176 | Radial drilling and milling head C 4 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 177 | Radial drilling and milling head C 4 IC | |
| | Weight [kg]: | 9.780 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |

| Part-# | Name | |
|---|--|---|
| 8 030 56 214 | Radial drilling and milling head C 4 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 215 | Radial drilling and milling head C 4 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 216 | Radial drilling and milling head Weldon 20 IC | |
|  | Weight [kg]: | 7.040 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing; high pressure version |
| | Center distance [mm]: | 65 |
| 8 030 56 235 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 6.050 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |

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

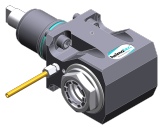
Center distance [mm]: 65

8 030 56 236



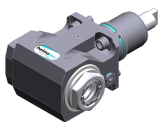
Radial drilling and milling head ER 32 AX UT IC
 Weight [kg]: 5.830
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 65

8 030 56 237



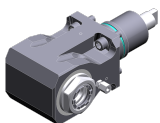
Radial drilling and milling head ER 32 AX UT
 Weight [kg]: 6.500
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 75

8 030 56 238

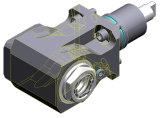
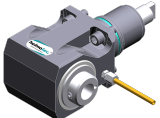
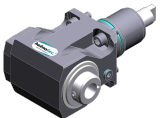


Radial drilling and milling head ER 32 AX UT IC
 Weight [kg]: 7.200
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

8 030 56 239



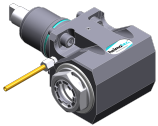
Radial drilling and milling head ER 32 AX UT
 Weight [kg]: 7.500
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000

| Part-# | Name | |
|---|--|----------------------|
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 95 |
| 8 030 56 240 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 7.960 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 95 |
| 8 030 56 249 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 6.580 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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 56 256 | Radial drilling and milling head HT 4 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 75 |
| 8 030 56 257 | Radial drilling and milling head HT 4 IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |

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

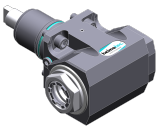
| | |
|-----------------------|----------|
| Rotation max [1/min]: | 12000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Center distance [mm]: | 75 |

8 030 56 271 Radial drilling and milling head ER 32 AX UT



| | |
|-----------------------|------------------|
| Weight [kg]: | 6.380 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 32 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 50 |
| Rotation max [1/min]: | 12000 |
| Rotating direction: | opposite |
| Coolant: | EXT |
| Pressure max [bar]: | 140 |
| Please note: | stronger bearing |
| Center distance [mm]: | 65 |

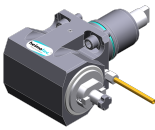
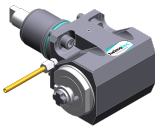
8 030 56 275 Radial drilling and milling head ER 32 AX UT IC



| | |
|-----------------------|------------------|
| Weight [kg]: | 6.700 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 32 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 50 |
| Rotation max [1/min]: | 12000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | stronger bearing |
| Center distance [mm]: | 65 |

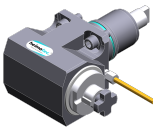
8 030 57 044 Radial drilling and milling head Weldon 25 IC

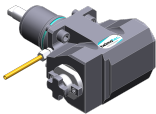
| | |
|-----------------------|------------------------|
| Weight [kg]: | 7.150 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | Weldon (DIN 1835 b) 25 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 50 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | Combi bearing |
| Center distance [mm]: | 65 |

| Part-# | Name | |
|---|---|--------------------|
| 8 030 57 076 | Radial drilling and milling head HT 5 | |
| | Weight [kg]: | 7.010 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 57 120 | Radial drilling and milling head ER 40 AX UT | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 031 54 014 | Radial milling head universal arbor 16 | |
|  | Weight [kg]: | 6.500 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 031 54 015 | Radial polygon head arbor 16 | |
|  | Weight [kg]: | 6.650 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

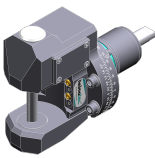
Nakamura

Super NTJ-oberer Revolver

| Part-# | Name | |
|---|---|--------------------|
| | Center distance [mm]: | 65 |
| 8 031 54 017 | Radial milling head universal arbor 16 | |
| | Weight [kg]: | 6.890 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 031 55 004 | Radial milling head universal arbor 22 | |
| | Weight [kg]: | 7.210 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 031 55 005 | Radial milling head universal arbor 22 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 031 56 010 | Radial polygon head arbor 27 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 27 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |

| Part-# | Name | |
|---|---|-------------------------|
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 031 56 012 | Radial milling head universal arbor 27 | |
| | Weight [kg]: | 6.560 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 031 56 022 | Radial milling head universal arbor 27 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 031 56 026 | Radial milling head arbor 27 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 033 56 018 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 8.200 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |

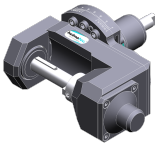
| Part-# | Name | |
|---------------------|--|-------------------------|
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 033 56 019 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 8.700 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 033 56 020 | Radial drilling and milling head ER 32 AX UT IC | |
| | Weight [kg]: | 8.670 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 034 56 001 | Radial milling head universal arbor 27 | |
| | Weight [kg]: | 6.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1,394:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 037 52 000 | Woodruff keycutter for disk mill arbor 10 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 10 |
| | Gear ratio [i]: | 1,333:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2250 |
| | Rotating direction: | opposite |

| Part-# | Name | |
|---|---|--|
| | Coolant: | EXT |
| 8 037 52 001 | Radial disk mill head arbor 10 | |
| | Weight [kg]: | 12.600 |
| | Version: | ± 10° turnable; at 0° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 10 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 53 000 | Radial disk mill head arbor 13 | |
| | Weight [kg]: | 11.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 13 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 53 007 | Radial disk mill head arbor 1/2" | |
|  | Weight [kg]: | 6.750 |
| | Version: | 360° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1/2" (12,7mm) |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 037 54 005 | Radial disk mill head arbor 3/4" | |
| | Weight [kg]: | 8.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 3/4" (19,05mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |

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| Part-# | Name | |
|---------------------|---|---|
| | Center distance [mm]: | 87,5 |
| 8 037 54 006 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 8.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 54 007 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 12.220 |
| | Version: | ± 10° turnable; at 0° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 54 010 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 12.250 |
| | Version: | Special;+35° turnable; at 0° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 000 | Radial disk mill head arbor 7/8" | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 7/8" (22,225mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |

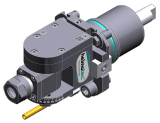
| Part-# | Name | |
|---|---------------------------------------|--------------------------------------|
| 8 037 55 004 | Radial disk mill head arbor 1" | |
| | Weight [kg]: | 8.840 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1" (25,4mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 007 | Radial disk mill head arbor 22 | |
|  | Weight [kg]: | 12.520 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 013 | Radial disk mill head arbor 1" | |
| | Weight [kg]: | 11.640 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1" (25,4mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 019 | Radial disk mill head arbor 22 | |
| | Weight [kg]: | 12.970 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 97 |

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| Part-# | Name | |
|---------------------|---------------------------------------|--------------------------------------|
| 8 037 56 001 | Radial disk mill head arbor 27 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 87,5 |
| 8 037 56 003 | Radial disk mill head arbor 27 | |
| | Weight [kg]: | 12.570 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 56 006 | Radial disk mill head arbor 27 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 97 |
| 8 037 56 007 | Radial disk mill head arbor 27 | |
| | Weight [kg]: | 13.670 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 27 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Please note: | without support plate |
| | Center distance [mm]: | 100 |


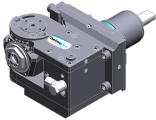
| Part-# | Name | |
|---|--|----------------------------|
| 8 037 59 005 | Radial disk mill head shaft diameter 10-25 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interchangeable arbor |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 1500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Price without arbor |
| 8 039 54 035 | Radial drilling and milling head ER 16 AX UT IC | |
|  | Weight [kg]: | 4.980 |
| | Notation: | 180° reversible; 35° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| 8 039 55 013 | Radial milling head arbor 22 | |
| | Version: | 360° turnable; special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | with counter plate |
| | Center distance [mm]: | 110 |
| 8 040 53 000 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 3.150 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 57 |

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| Part-# | Name | |
|---|---|------------------|
| 8 040 53 001 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 2.900 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |
| 8 040 53 002 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 2.880 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| 8 040 53 003 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 3.160 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |
| 8 040 54 002 | Universal head ± 90° adjustable ER 16 | |
|  | Weight [kg]: | 3.180 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |

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| Part-# | Name | |
|---------------------|--|------------------|
| 8 040 54 006 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 3.180 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |
| 8 040 54 007 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 3.180 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |
| 8 040 54 008 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 3.180 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |
| 8 040 54 009 | Universal head ± 90° adjustable ER 16 | |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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]: | 57 |

| Part-# | Name | |
|---|---|--|
| 8 040 54 012 | Universal head ± 90° adjustable HT 2 | |
| | Version: | 75° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 2 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 57 |
| 8 040 54 033 | Universal head ± 90° adjustable ER 16 AS UT IC | |
|  | Weight [kg]: | 3.320 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Please note: | Check applicability; note center distance! |
| | Center distance [mm]: | 46 |
| 8 043 54 000 | Universal head +135°/-30° adj. ER16 AX UT | |
|  | Weight [kg]: | 9.850 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 001 | Universal head +135°/-30° adj. ER16AX UTIK | |
| | Weight [kg]: | 9.920 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 69 |


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| Part-# | Name | |
|---------------------|---|-------------------------|
| | Offset [mm]: | 60 |
| 8 043 54 002 | Universal head +135°/-30° adj. ER16 AX UT | |
| | Weight [kg]: | 9.930 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 003 | Universal head +135°/-30° adj. ER16AX UTIK | |
| | Weight [kg]: | 9.900 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 004 | Universal head +135°/-30° adj. ER20 AX UT | |
| | Weight [kg]: | 10.010 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 019 | Universal head +160°/-20° adj. ER16 AX UT | |
| | Weight [kg]: | 6.100 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |

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| Part-# | Name | |
|---|---|---|
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 35 |
| | Offset [mm]: | 65 |
| 8 043 54 034 | Universal head $\pm 10^\circ$ adjustable ER 16 AX UT IC | |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability! note swivel range; |
| | Center distance [mm]: | 62 |
| | Offset [mm]: | 48,5 |
| 8 043 55 001 | Universal head $+135^\circ/-30^\circ$ adj. ER25 AX UT | |
|  | Weight [kg]: | 10.060 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 55 021 | Universal head $+150^\circ/-15^\circ$ adj. ER25 AX UT | |
| | Weight [kg]: | 6.410 |
| | Notation: | offset; 180° reversible |
| | Version: | at 55° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 35 |
| | Offset [mm]: | 65 |

| Part-# | Name | | |
|---|-----------------------|---|--|
|  | 8 043 55 022 | Universal head +135°/-30° adj. ER25AX UTIK | |
| | Weight [kg]: | 10.080 | |
| | Notation: | offset; 180° reversible | |
| | Tool drive: | Flat (~DIN 1809) | |
| | Shank size [mm]: | 55.00 | |
| | 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: | IC/Ext | |
| | Pressure max [bar]: | 140 | |
| | Please note: | stronger bearing | |
| Center distance [mm]: | 69 | | |
| Offset [mm]: | 60 | | |
| | 8 050 54 005 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.100 | |
| | Notation: | offset | |
| | Version: | 2-spindles | |
| | Tool drive: | Flat (~DIN 1809) | |
| | Shank size [mm]: | 55.00 | |
| | Shank type: | BMT | |
| | Tool adaption: | ER 16 A - u-tec | |
| | Gear ratio [i]: | 1:2 | |
| | Torque max [Nm]: | 16 | |
| | Rotation max [1/min]: | 12000 | |
| | Rotating direction: | same | |
| | Coolant: | EXT | |
| | Offset [mm]: | 56 | |
|  | 8 050 54 008 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 5.700 | |
| | Notation: | offset | |
| | Version: | 2-spindles | |
| | Tool drive: | Flat (~DIN 1809) | |
| | Shank size [mm]: | 55.00 | |
| | 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 | |
| | | 8 050 54 014 | Multispindle drilling head ER 20 AX UT IC |
| | | Weight [kg]: | 5.920 |
| Notation: | | offset | |
| Version: | | 2-spindles | |
| Tool drive: | | Flat (~DIN 1809) | |
| Shank size [mm]: | | 55.00 | |
| Shank type: | | BMT | |
| Tool adaption: | | ER 20 A - u-tec | |
| Gear ratio [i]: | | 1:1 | |
| Torque max [Nm]: | | 25 | |
| Rotation max [1/min]: | | 6000 | |
| Rotating direction: | | same | |

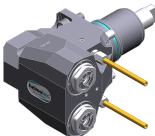
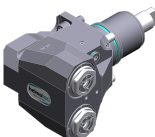
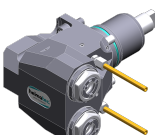
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| Part-# | Name | |
|---------------------|--|--|
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 58 |
| 8 050 54 021 | Multispindle drilling head ER 16 AX UT IC | |
| | Weight [kg]: | 6.110 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 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]: | 25 |
| | Offset [mm]: | 56 |
| 8 050 54 036 | Multispindle drilling head ER 16 AX UT IC | |
| | Weight [kg]: | 6.040 |
| | Notation: | offset; 180° reversible |
| | Version: | 3-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 2x ER 16 A offset, 1x centered, IC only in 2 x |
| | Offset [mm]: | 56 |
| 8 050 54 037 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.900 |
| | Notation: | offset; 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Please note: | stronger bearing |
| | Offset [mm]: | +38,1/-38,1 |

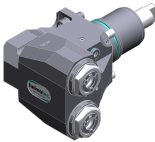
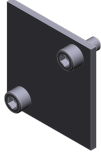
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| Part-# | Name | |
|---|---|-------------------------|
| 8 050 54 038 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.870 |
| | Notation: | offset; 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | +38,1/-38,1 |
| 8 053 54 045 | Multispindle radial head ER 16 AX UT | |
|  | Weight [kg]: | 6.850 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Center distance [mm]: | 75 |
| 8 053 54 046 | Multispindle radial head ER 16 AX UTIK | |
|  | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Center distance [mm]: | 75 |
| 8 053 54 047 | Multispindle radial head ER 20 AX UT | |
|  | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Center distance [mm]: | 75 |
| 8 053 54 048 | Multispindle radial head ER 20 AX UTIK | |
|  | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 75 |
| 8 100 15 001 | Tool holder radial ø17,1 / minus | |
| | Employment for: | Angle handpiece or extension CN01 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interface ø17,1 / M17x1 |
| | Gear ratio [i]: | 1:2 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Center distance [mm]: | 77 |
| 8 102 15 000 | Tool holder Ø 17 | |
| | Weight [kg]: | 1.930 |
| | Employment for: | Angle handpiece |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interface 17 |
| | Gear ratio [i]: | 1:1 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | no |
| 8 200 03 002 | Cover plate | |
|  | Weight [kg]: | 0.300 |
| | Shank type: | BMT |
| 8 200 10 002 | Tool blank | |
| | Weight [kg]: | 4.190 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Please note: | Housing rigid |

| Part-# | Name | |
|-----------------------|---|--------------------|
| 8 202 10 006 | Basic holder longitudinal seat FN 12 | |
| | Weight [kg]: | 0.960 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Interface FN 12 |
| | Coolant: | EXT |
| 8 208 59 003 | Test mandrel BMT 55 | |
| | Weight [kg]: | 3.080 |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| 8 209 10 000 | Tool blank | |
| | Weight [kg]: | 4.580 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| 8 209 11 000 | Adapter for VDI 20 | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 20 |
| | Coolant: | EXT |
| Center distance [mm]: | 55 | |
| 8 209 12 000 | Adapter for VDI 30 | |
| | Weight [kg]: | 2.750 |
| | Employment for: | Outside operation |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 30 |
| | Coolant: | EXT |
| Center distance [mm]: | 35 | |
| 8 209 12 001 | Adapter for VDI 30 | |
| | Weight [kg]: | 3.140 |
| | Employment for: | Inside operation |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 30 |
| | Coolant: | EXT |
| Center distance [mm]: | 65 | |
| 8 209 14 002 | Adapter for VDI 40 | |
| | Weight [kg]: | 2.720 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 40 |
| | Coolant: | EXT |
| Center distance [mm]: | 35 | |

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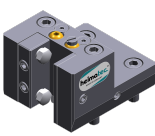
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| Part-# | Name | |
|---------------------|--|---------------------|
| 8 209 14 003 | Adapter for VDI 40 offset | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 40 |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 209 19 000 | Adapter 45 ° for Ecoroll WKT EG5-1-SL00 | |
| | Weight [kg]: | 2.590 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| 8 209 58 000 | Adapter for sensor m&h RWP 38.41 | |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Ø 32 |
| | Coolant: | no |
| 8 209 58 001 | Adapter for sensor m&h IRP 40.01 | |
| | Weight [kg]: | 1.340 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Ø 32 |
| | Coolant: | no |
| 8 209 58 002 | Adapter for sensor m&h IRP 40.02 | |
| | Weight [kg]: | 1.520 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Coolant: | no |
| 8 209 58 003 | Adapter for sensor Renishaw RLP | |
| | Weight [kg]: | 1.700 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Coolant: | no |
| 8 224 11 002 | Turning holder sq. 20 | |
| | Weight [kg]: | 2.420 |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |



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| Part-# | Name | |
|---|---------------------------------------|-----------------------------|
| 8 224 11 003 | Cut-off holder sq. 20 | |
| | Weight [kg]: | 1.040 |
| | 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 11 005 | Cut-off holder sq. 20 | |
| | Weight [kg]: | 1.100 |
| | 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 11 016 | Cut-off holder sq. 3/4" R 1441 | |
| | Weight [kg]: | 1.110 |
| | 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 11 022 | Cut-off holder sq. 20 | |
|  | Weight [kg]: | 1.350 |
| | 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 12 005 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 1.480 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 224 13 004 | Cut-off holder SH 32 | |
| | Weight [kg]: | 1.000 |
| | 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 |

| Part-# | Name | |
|--------------|--|--------------------------------------|
| 8 224 13 007 | Cut-off holder SH 32  | Weight [kg]: 1.190 |
| | | Employment for: Cut-off tool 32 |
| 8 224 13 013 | Cut-off holder SH 32 | Version: Clampshaft on turret side |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Clampshaft SH 32 |
| | | Coolant: EXT |
| | | Weight [kg]: 1.480 |
| | | Employment for: Cut-off tool 32 |
| | | Version: Clampshaft on turret side |
| 8 224 13 021 | Cut-off holder SH 32 IC | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Clampshaft SH 32 |
| | | Coolant: IC/Ext |
| | | Weight [kg]: 1.030 |
| | | Employment for: Cut-off tool 32 |
| | | Version: Clampshaft on turret center |
| | | Shank type: BMT |
| 8 224 14 000 | Universal turning holder sq. 20 | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| | | Coolant: EXT |
| | | Weight [kg]: 1.730 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| 8 224 14 016 | Universal turning holder sq. 20 IC  | Coolant: IC/Ext |
| | | Pressure max [bar]: 100 |
| | | Weight [kg]: 2.950 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| | | Coolant: IC/Ext |
| 8 224 15 002 | Universal turning holder sq. 25/20  | Weight [kg]: 2.800 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 25 |
| | | Coolant: EXT |
| | | Weight [kg]: 2.800 |
| | | Notation: 180° reversible |

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| Part-# | Name | |
|--|---|--|
| | Please note: | With spacer strip for sq. 20 |
| 8 224 15 012 | Universal turning holder sq. 1" | |
| | Weight [kg]: | 2.720 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| 8 224 15 046 | Universal turning holder sq. 25/20 | |
| | Weight [kg]: | 5.520 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| | Please note: | Check applicability! with spacer strip for |
| 8 224 15 062 | Universal turning holder sq. 25 IC | |
|  | Weight [kg]: | 3.100 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 224 15 063 | Universal turning holder sq. 1" IC | |
|  | Weight [kg]: | 3.100 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 225 11 001 | Cut-off holder sq. 20 R 1432 | |
| | Weight [kg]: | 1.320 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| | Center distance [mm]: | 80 |
| 8 225 11 002 | Cut-off holder sq. 20 R 1432 | |
| | Weight [kg]: | 1.120 |
| | 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 |

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| Part-# | Name | |
|---------------------|---------------------------------------|--|
| 8 225 11 005 | Cut-off holder sq. 20 | |
| | Weight [kg]: | 1.170 |
| | 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 11 009 | Cut-off holder sq. 3/4" R 1442 | |
| | Weight [kg]: | 1.110 |
| | 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) |
| | Coolant: | EXT |
| 8 225 11 012 | Cut-off holder sq. 3/4" | |
| | Weight [kg]: | 1.200 |
| | Employment for: | right 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 |
| 8 229 16 001 | Tool holder C 4 IC | |
| | Weight [kg]: | 2.400 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 12 |
| 8 229 16 003 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.330 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 55 |
| 8 229 16 008 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.430 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |

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| Part-# | Name | |
|---|---|--|
| | Offset [mm]: | 55 |
| 8 229 16 009 | Tool holder C 4 IC | |
| | Weight [kg]: | 2.410 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 12 |
| 8 229 16 011 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.440 |
| | Notation: | 180° reversible |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 55 |
| 8 240 14 017 | Boring bar holder Ø 12 - slotted | |
|  | Weight [kg]: | 2.900 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 12 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 14 022 | Boring bar holder Ø 10 - slotted | |
|  | Weight [kg]: | 2.900 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 10 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 15 002 | Tool holder ABS 50 IC/Ext | |
| | Weight [kg]: | 3.560 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ABS 50 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |

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| Part-# | Name | |
|---|--|-------------------------------|
|  | 8 240 15 003 Boring bar holder Ø 16 DIN 1835 E | 3.020 |
| | Weight [kg]: | BMT |
| | Shank type: | Centering key b 20 |
| | Machine adaption: | Whistle-Notch (DIN 1835 E) 16 |
| | Tool adaption: | IC/Ext |
| | Coolant: | 75 |
| | Center distance [mm]: | |
| | 8 240 15 004 Tool holder C 3 IC | 3.580 |
| | Weight [kg]: | 180° reversible; offset |
| | Notation: | BMT |
| | Shank type: | Centering key b 20 |
| | Machine adaption: | heimatec Capto(TM) C 3 |
| | Tool adaption: | IC |
| | Coolant: | 75 |
| Center distance [mm]: | | |
| | 8 240 15 006 Collet chuck holder ER 25 | 3.520 |
| | Weight [kg]: | 180° reversible |
| | Notation: | BMT |
| | Shank type: | Centering key b 20 |
| | Machine adaption: | ER 25 |
| | Tool adaption: | IC/Ext |
| | Coolant: | Insert reversible |
| Please note: | 75 | |
| Center distance [mm]: | | |
| | 8 240 15 007 Insert drill holder 16 IC | 4.540 |
| | Weight [kg]: | 180° reversible |
| | Notation: | BMT |
| | Shank type: | Whistle-Notch (DIN 1835 E) 16 |
| | Tool adaption: | IC |
| | Coolant: | 75 |
| | Center distance [mm]: | |
| | 8 240 15 019 Collet chuck holder ER 25 AX UT IC | 3.380 |
| | Weight [kg]: | 180° reversible; offset |
| | Notation: | BMT |
| | Shank type: | Centering key b 20 |
| | Machine adaption: | ER 25 A - u-tec |
| | Tool adaption: | IC/Ext |
| | Coolant: | 75 |
| Center distance [mm]: | | |
| | 8 240 15 039 Boring bar holder Ø 16 - slotted | 3.000 |
| | Weight [kg]: | 180° reversible |
| | Notation: | BMT |
| | Shank type: | Centering key b 20 |
| | Machine adaption: | Ø 16 |
| | Tool adaption: | EXT |
| | Coolant: | 75 |
| Center distance [mm]: | | |

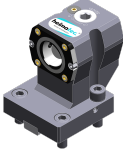
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| Part-# | Name | |
|---------------------|--|-------------------------------|
| 8 240 16 001 | Boring bar holder Ø 20 DIN 1835 E | |
| | Weight [kg]: | 2.960 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 20 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 16 004 | Tool holder HT 4 IC | |
| | Weight [kg]: | 2.890 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 005 | Boring bar holder Ø 24 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 24 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 16 006 | Tool holder HT 4 IC | |
| | Weight [kg]: | 3.340 |
| | Notation: | offset |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 008 | Collet chuck holder ER 32 | |
| | Weight [kg]: | 3.200 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Please note: | Insert reversible |
| | Center distance [mm]: | 75 |
| 8 240 16 009 | Insert drill holder 20 IC | |
| | Weight [kg]: | 4.480 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 20 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |

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| Part-# | Name | |
|---|----------------------------------|--|
| 8 240 16 030 | Boring bar holder Ø 20 | |
| | Weight [kg]: | 3.940 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 16 034 | Collet chuck holder ER 32 | |
| | Weight [kg]: | 3.060 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 040 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.130 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 045 | Tool holder C 4 IC | |
|  | Weight [kg]: | 2.960 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 046 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.480 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---|---|--|
| 8 240 16 051 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.430 |
| | Notation: | 180° reversible |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 054 | Tool holder C 4 IC | |
|  | Weight [kg]: | 2.840 |
| | Notation: | 180° reversible |
| | Version: | left; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 40 |
| 8 240 16 077 | Boring bar holder Ø 20 - slotted | |
|  | Weight [kg]: | 3.120 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 17 005 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 3.820 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 007 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 2.320 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |

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| Part-# | Name | |
|---|--|-------------------------------|
| 8 240 17 008 | Boring bar holder Ø 25 DIN 1835 E | |
| | Weight [kg]: | 3.210 |
| | Notation: | offset; 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 011 | Boring bar holder Ø 25,4 (1") | |
|  | Weight [kg]: | 3.800 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 012 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 5.920 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 117,5 |
| 8 240 17 016 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 017 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 2.860 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 17 021 | Collet chuck holder ER 40 | |
| | Weight [kg]: | 3.710 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 40 |
| | Coolant: | IC/Ext |




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| Part-# | Name | |
|---------------------|---|-------------------------------|
| | Please note: | Insert reversible |
| | Center distance [mm]: | 75 |
| 8 240 17 023 | Insert drill holder 25 IC | |
| | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 25 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 17 031 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | EXT |
| | Center distance [mm]: | 112 |
| 8 240 17 032 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | EXT |
| | Center distance [mm]: | 105 |
| 8 240 17 049 | Boring bar holder Ø 1" offset | |
| | Weight [kg]: | 2.450 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 052 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 4.430 |
| | Employment for: | Main spindle |
| | Version: | long; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 065 | Boring bar holder Ø 25 - slotted | |
| | Weight [kg]: | 3.670 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | EXT |

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| Part-# | Name | |
|---|---|--|
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 078 | Boring bar holder Ø 1 1/4" - slotted | |
| | Weight [kg]: | 3.440 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | EXT |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 096 | Tool holder C 5 IC | |
| | Weight [kg]: | 5.030 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 5 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 17 106 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 4.800 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |
| 8 240 17 114 | Boring bar holder Ø 1" | |
|  | Weight [kg]: | 4.760 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |
| 8 240 17 115 | Boring bar holder Ø 1 1/4" | |
|  | Weight [kg]: | 4.620 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |

| Part-# | Name | |
|---|--------------------------------------|-------------------------------|
| 8 240 17 116 | Boring bar holder Ø 1 1/4" | |
|  | Weight [kg]: | 2.440 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 010 | Boring bar holder Ø 32 | |
|  | Weight [kg]: | 3.640 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 011 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 2.680 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55 |
| 8 240 18 012 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 2.420 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 016 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 4.370 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 90 |
| 8 240 18 021 | Insert drill holder 32 IC | |
| | Weight [kg]: | 4.200 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 32 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |

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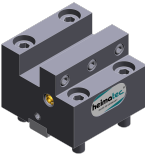
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| Part-# | Name | |
|---|--------------------------------------|--|
| 8 240 18 033 | Boring bar holder Ø 1 1/4" | |
| | Weight [kg]: | 3.630 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 037 | Boring bar holder Ø 1 1/2" | |
| | Weight [kg]: | 4.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/2" (38,1mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 18 045 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 4.380 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge ø32- adapter on turret center |
| | Center distance [mm]: | 75 |
| 8 240 18 085 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 4.605 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |
| 8 240 18 088 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 4.200 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge ø32- adapter 20mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 240 18 098 | Boring bar holder Ø 1 1/4" | |
|  | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 100 |

| Part-# | Name | |
|---|--------------------------------------|-------------------------------|
| 8 240 18 102 | Boring bar holder Ø 32 offset | |
|  | Weight [kg]: | 6.780 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability! length |
| | Center distance [mm]: | 80 |
| 8 240 19 009 | Boring bar holder Ø 40 | |
|  | Weight [kg]: | 4.480 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 19 012 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 3.460 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Special version |
| | Center distance [mm]: | 75 |
| 8 240 19 013 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 5.820 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 117,5 |
| 8 240 19 025 | Insert drill holder 40 IC | |
|  | Weight [kg]: | 4.740 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 40 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 19 105 | Boring bar holder Ø 40 | |
|  | Weight [kg]: | 2.400 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 35 |

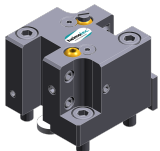
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| Part-# | Name | |
|---|--------------------------------------|--|
| 8 240 19 139 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 4.760 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 100 |
| 8 240 19 142 | Boring bar holder Ø 40 offset | |
|  | Weight [kg]: | 5.000 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge Ø40- adapter 60mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 240 19 143 | Boring bar holder Ø 40 offset | |
|  | Weight [kg]: | 4.000 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge Ø40- adapter 20mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 244 11 002 | Facing holder sq. 20 | |
|  | Weight [kg]: | 2.340 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 244 11 009 | Facing holder sq. 20 | |
| | Weight [kg]: | 4.090 |
| | Notation: | 180° reversible |
| | Version: | Special; extended version |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 244 12 005 | Facing holder sq. 1" | |
| | Weight [kg]: | 3.570 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | Coolant: | EXT |

| Part-# | Name | |
|---------------------------|---|--------------------------------------|
| 8 244 12 027 | Facing holder sq. 25 IC  | Weight [kg]: 3.640 |
| | | Shank type: BMT |
| | Machine adaption: Centering key b 20 | |
| | Tool adaption: Sq. 25 | |
| | Coolant: IC/Ext | |
| | Pressure max [bar]: 100 | |
| 8 249 16 009 | Double tool holder HT 4 | Weight [kg]: 3.660 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: HT 4 |
| | | Coolant: IC/Ext |
| | | Center distance [mm]: 75 |
| | | |
| 8 249 17 001 | Double collet chuck holder ER 40 | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: ER 40 |
| | | Coolant: IC/Ext |
| | | Center distance [mm]: 75 |
| 8 249 17 003 | Double boring bar holder Ø 25 | Weight [kg]: 3.770 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Ø 25 |
| | | Coolant: IC/Ext |
| | | Please note: Housing rigid |
| | | Center distance [mm]: 75 |
| 8 249 18 003 | Adapter for sensor m&h IRP 40.01 | Weight [kg]: 5.230 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Ø 32 |
| | | Coolant: no |
| Center distance [mm]: 112 | | |
| 8 249 18 008 | Double boring bar holder Ø 32  | Weight [kg]: 3.800 |
| | | Notation: 180° reversible |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Ø 32 |
| | | Coolant: IC/Ext |
| | | Please note: Housing rigid |
| | | Center distance [mm]: 75 |

| Part-# | Name | |
|---------------------|-------------------------------------|--|
| 8 250 15 004 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 4.110 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | 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! |
| | Offset [mm]: | ±55 |
| 8 250 16 005 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 4.620 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 250 16 007 | Double tool holder C 4 IC | |
| | Weight [kg]: | 4.630 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 251 11 000 | Double turning holder sq. 20 | |
| | Weight [kg]: | 2.250 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 251 11 003 | Double turning holder sq. 20 | |
| | Weight [kg]: | 2.420 |
| | 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 |




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| Part-# | Name | |
|---------------------|--|--|
| 8 251 11 007 | Double turning holder sq. 3/4" | |
| | Weight [kg]: | 2.390 |
| | 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 |
| 8 251 12 006 | Double turning holder sq. 25 | |
| | Weight [kg]: | 4.910 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 251 14 033 | Combi multiple holder 3x sq. 20 | |
| | Weight [kg]: | 3.740 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| 8 251 15 031 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 5.930 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | 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! |
| | Offset [mm]: | ±60 |
| 8 251 15 034 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 4.290 |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | | heimatec Capto(TM) C 3 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 60 |
| 8 251 15 048 | Combi double turning holder sq. 25 IC | |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |

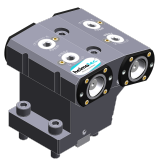


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| Part-# | Name | |
|---|---|--|
| | | Sq. 25 Sq. 25 IC/Ext 100 Key rail |
| | Coolant: Pressure max [bar]: Please note: | |
| 8 251 16 007 | Multiple tool holder C 4 IC | |
|  | Weight [kg]: Version: Shank type: Machine adaption: Tool adaption: | 4.490 right BMT Centering key b 20 heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: Please note: Offset [mm]: | IC Check applicability; note tool length! 64 |
| 8 251 16 008 | Multiple tool holder C 4 IC | |
| | Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption: | 6.420 Main- and sub spindle right BMT Centering key b 20 heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: Please note: Offset [mm]: | IC Check applicability; note tool length! ±64 |
| 8 253 15 003 | Multiple tool holder C 3 IC | |
| | Version: Shank type: Machine adaption: Tool adaption: | offset; right BMT Centering key b 20 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 - 15° |
| | Coolant: Please note: Center distance [mm]: | IC Check applicability; note tool length! 82,5 |
| 8 253 16 003 | Multiple tool holder 6x HT 4 | |
| | Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: | 5.020 Main- and sub spindle BMT Centering key b 20 HT 4 HT 4 HT 4 HT 4 |
| | Coolant: Center distance [mm]: | IC/Ext 51,0/93,0 |

| Part-# | Name | |
|---------------------|---|---|
| 8 253 16 038 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 6.060 |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: | IC |
| | Please note: | Use necessarily check; note tool length |
| | Center distance [mm]: | 75 |
| 8 253 16 039 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 4.910 |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 253 16 041 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 4.900 |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 253 17 021 | Multiple boring bar holder 3x Ø 25 | |
| | Weight [kg]: | 5.900 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55,0/95,0 |
| 8 253 17 044 | Multiple boring bar holder 3x Ø 1" | |
| | Weight [kg]: | 5.840 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm), 1x off at 15° tilted Ø 1" (25,4mm), 1x off at 15° tilted Ø 1" (25,4mm), 1x off at 15° tilted |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55,0/95,0 |



| Part-# | Name | |
|---------------------|---|--|
| 8 253 17 048 | Multiple boring bar holder 2x Ø 25 | |
| | Weight [kg]: | 5.930 |
| | Employment for: | Main spindle |
| | Version: | long; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 Ø 25 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 254 14 002 | Multiple facing holder 3x sq. 20 | |
| | Weight [kg]: | 5.860 |
| | Employment for: | Main spindle |
| | Version: | long; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 |
| | Coolant: | EXT |
| | Center distance [mm]: | 70 |
| 8 259 12 003 | Combi multiple holder 4x sq. 20 | |
| | Weight [kg]: | 5.420 |
| | Notation: | Y-axes offset; 180° reversible |
| | 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 Sq. 20 Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | EXT |
| 8 259 12 010 | Multiple turning holder 2x sq. 20 | |
| | Weight [kg]: | 2.890 |
| | 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 15 013 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 6.420 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 |
| | Coolant: | IC |




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| Part-# | Name | |
|---------------------|--|--|
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 82,5 |
| 8 259 15 014 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 6.470 |
| | Employment for: | Main- and sub spindle |
| | Version: | offset; right |
| | 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]: | 82,5 |
| 8 259 19 002 | Multiple holder ER 25 and sq. 20 | |
| | Weight [kg]: | 3.620 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 ER 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55 |
| 8 259 19 006 | Multiple holder Ø 25 and sq. 20 | |
| | Weight [kg]: | 6.940 |
| | Notation: | 180° reversible |
| | 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]: | 95 |
| 8 259 19 013 | Multiple holder Ø 1" and sq. 3/4" | |
| | Weight [kg]: | 6.960 |
| | Notation: | 180° reversible |
| | 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 |
| | Center distance [mm]: | 95 |
| 8 261 18 003 | Tool holder for centering insert | |
| | Weight [kg]: | 5.960 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|--|-------------------------------|
| | Please note: | Price without centering point |
| | Center distance [mm]: | 55 or 75 |
| 8 261 18 004 | Tool holder for centering insert | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 34 |
| | Coolant: | EXT |
| | Please note: | Price without centering point |
| | Center distance [mm]: | 55 |
| 8 262 19 001 | Stock stop Ø 60 offset | |
|  | Weight [kg]: | 3.440 |
| | Notation: | rotating |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | no |
| | Please note: | Lenght adjustable |
| | Center distance [mm]: | 75 |
| 8 263 18 000 | Cutter holder with rotating spring-loaded centering point | |
| | Weight [kg]: | 4.810 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 263 19 002 | Tool holder with rotating centering point | |
|  | Weight [kg]: | 4.280 |
| | 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]: | 75 |
| 8 263 19 003 | Tool holder with rotating centering point | |
| | Weight [kg]: | 6.000 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 100 |

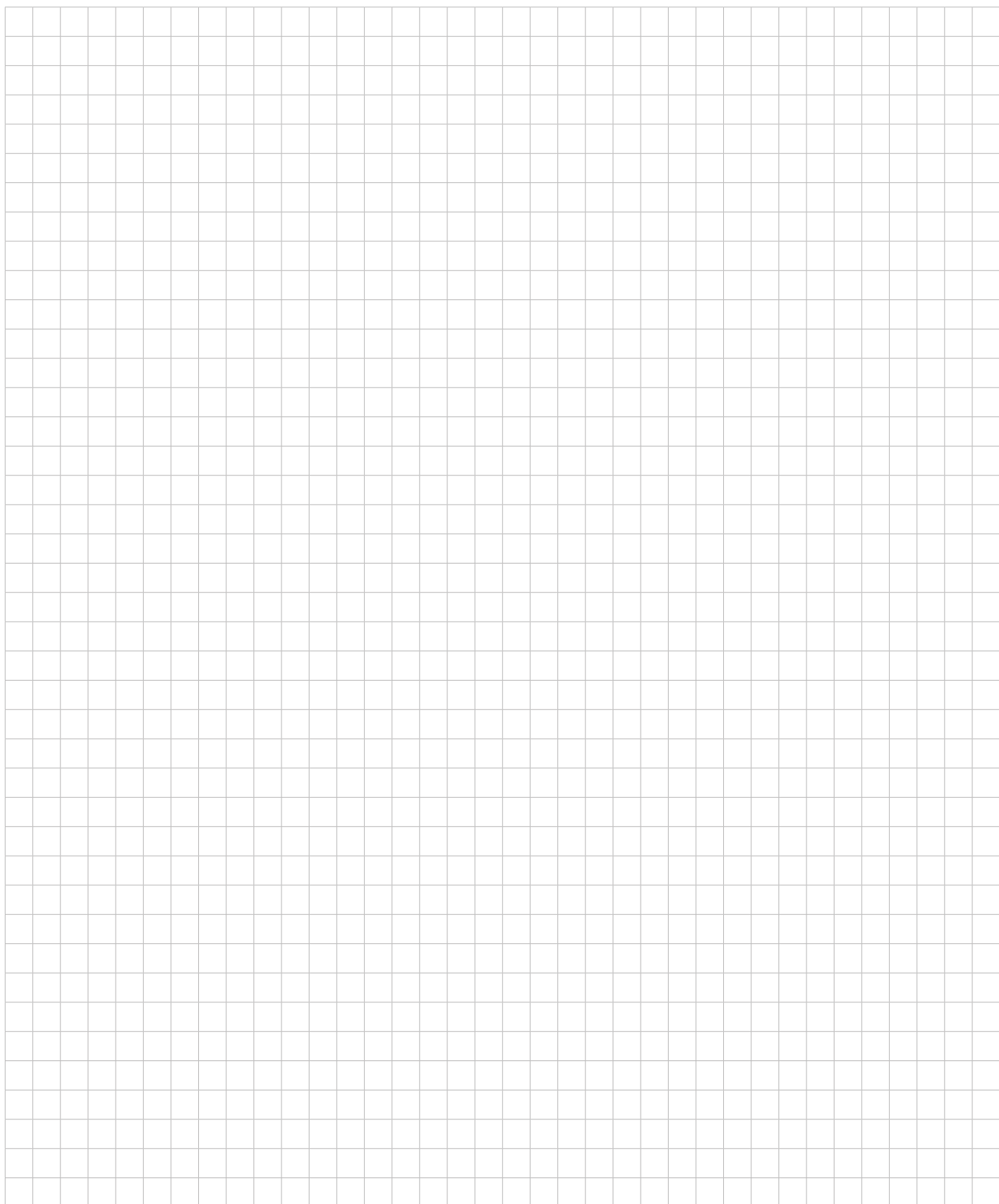
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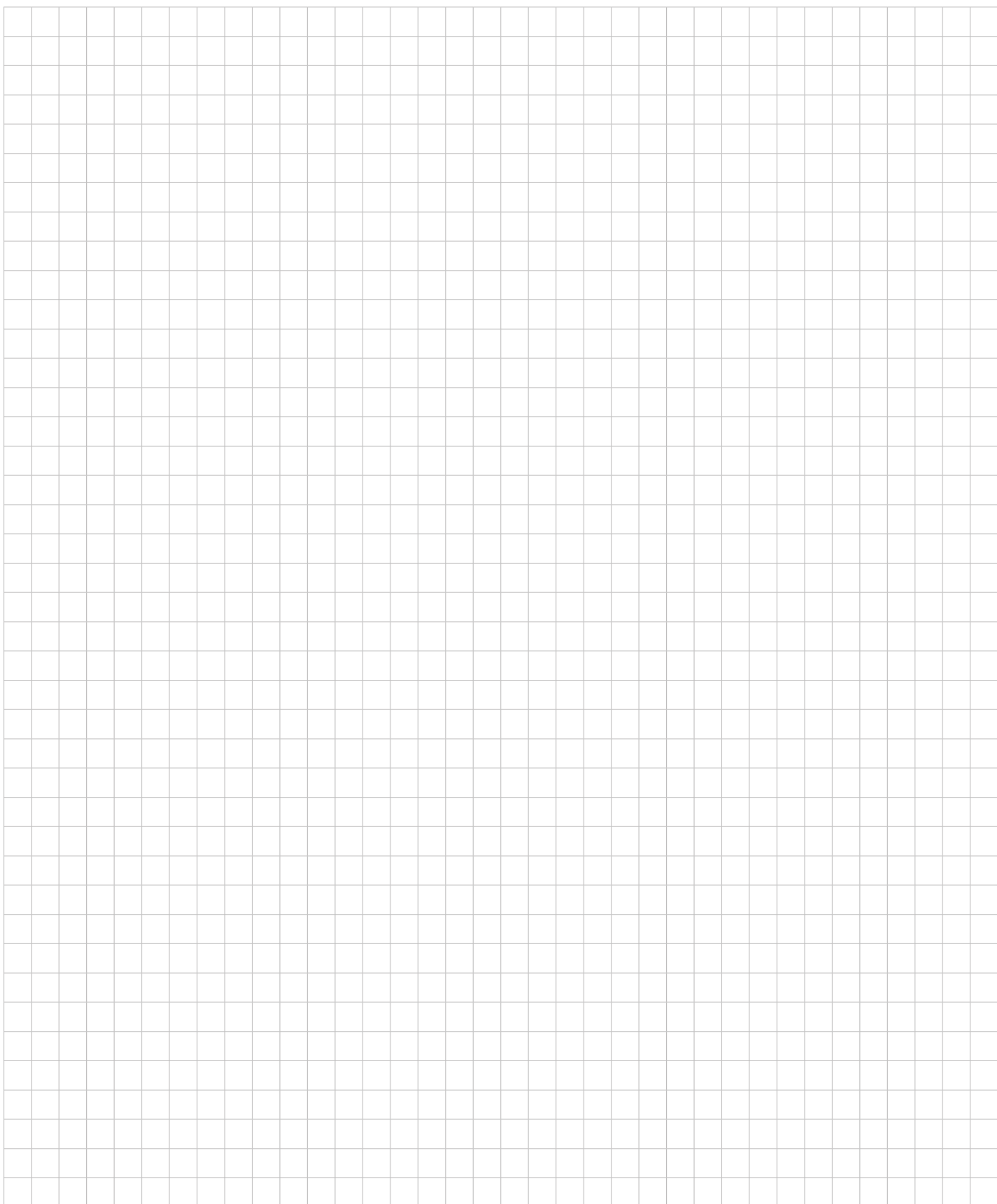
| Part-# | Name | |
|---|--|-----------------------|
| 8 263 19 007 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.375 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 263 19 008 | Tool holder with rotating centering point | |
| | Weight [kg]: | 6.140 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 100 |
| 8 263 19 012 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.340 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 263 19 013 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.290 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 263 19 014 | Tool holder with rotating centering point | |
|  | Weight [kg]: | 4.090 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---|---|---------------------------------|
| 8 263 19 021 | Tool holder with rotating centering point | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 263 19 025 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.370 |
| | 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]: | 75 |
| 8 268 14 000 | Support Y-axes adjustable | |
| | Weight [kg]: | 3.180 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Center distance [mm]: | 90 |
| 8 268 18 000 | Support Y-axes adjustable | |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 38 |
| | Coolant: | no |
| | Center distance [mm]: | 75 |
| 8 320 12 010 | Cut-off holder, height adjustable SH 26 IC | |
|  | Weight [kg]: | 1.680 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 12 020 | Cut-off holder, height adjustable SH 26 IC | |
| | 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: | with offset cut-off tool holder |

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| Part-# | Name | |
|---|---|----------------------------------|
| 8 320 13 002 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.570 |
| | 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 13 010 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.730 |
| | 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 13 015 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.830 |
| | 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 |
| 8 782 16 001 | Spacer plate 20mm | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Centering key slot b 20 |
| | Coolant: | EXT |
| | Please note: | Plate without fastening screws ! |
| 8 782 16 003 | Spacer plate 25mm | |
|  | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Centering key slot b 20 |
| | Coolant: | EXT |
| | Please note: | Plate without fastening screws ! |





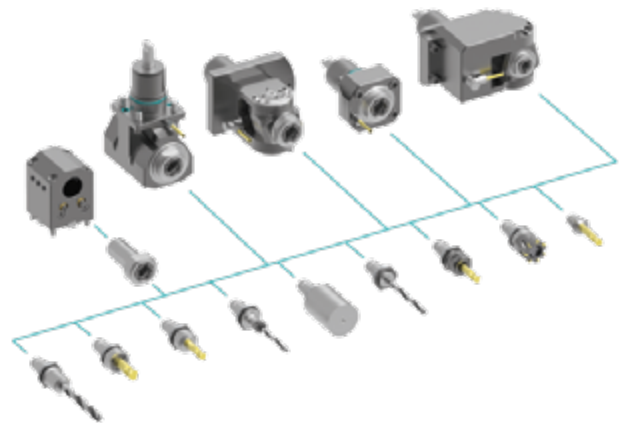
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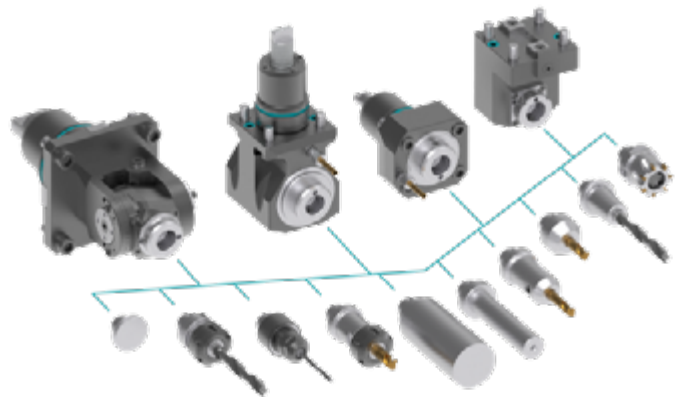
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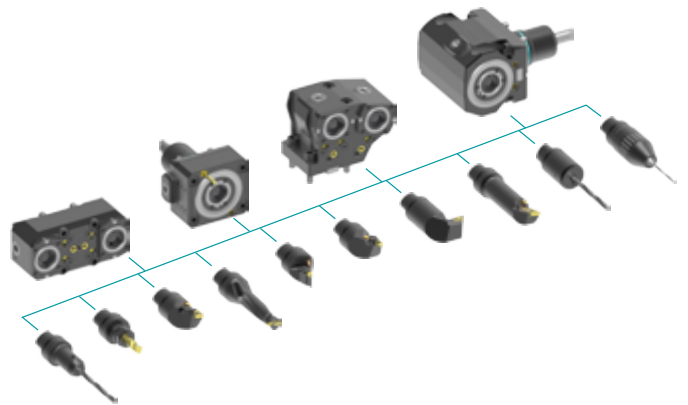
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