

Nakamura
Super NTY 3
Jumbo - 12
Stationen



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

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

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

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

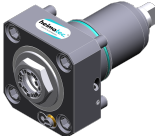
Digital tool management

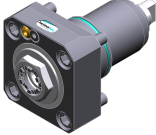
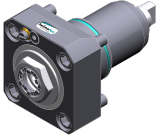
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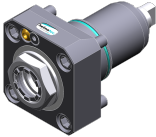

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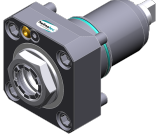

| Part-# | Name | |
|---------------------|---|------------------------|
| 8 010 64 003 | Axial drilling and milling head Weldon 12 IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 12 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| 8 010 64 005 | Axial drilling and milling head Weldon 12 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 12 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 010 64 006 | Axial drilling and milling head Weldon 14 IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 14 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| 8 010 65 005 | Axial drilling and milling head Weldon 16 | |
| | Weight [kg]: | 2.920 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |
| 8 010 65 006 | Axial drilling and milling head Weldon 16 IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 25 |

| Part-# | Name | |
|---|---|--------------------------------|
| 8 010 65 017 | Axial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 2.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 25 |
| | Please note: | stronger bearing |
| 8 010 65 020 | Axial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 2.700 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 25 |
| 8 010 65 021 | Axial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 2.670 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |
| 8 010 65 022 | Axial milling and drill holder ER 25 AX UT IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Combi bearing; dryrun possible |

| Part-# | Name | |
|---|-----------------------|---|
|  | 8 010 65 023 | Axial milling and drill holder ER 25 AX UT |
| | Weight [kg]: | 3.950 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| Please note: | Combi bearing | |
|  | 8 010 65 038 | Axial drilling and milling head ER 25 AX UT IC |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| Please note: | Dryrun possible | |
| | 8 010 66 002 | Axial drilling and milling head ER 32 IC |
| | Weight [kg]: | 2.920 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| Pressure max [bar]: | 25 | |
| | 8 010 66 003 | Axial drilling and milling head ER 32 |
| | Weight [kg]: | 2.880 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |

Super NTY 3 Jumbo - 12 Stationen

| Part-# | Name | |
|---|--|------------------------------------|
| 8 010 66 017 | Axial drilling and milling head HT 4 | |
| | Weight [kg]: | 2.860 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | stronger bearing |
| 8 010 66 043 | Axial drilling and milling head ER 32 IC | |
| | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 |
| | 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: | stronger bearing |
| 8 010 66 050 | Axial milling and drill holder ER 32 AX UT | |
|  | Weight [kg]: | 3.920 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 66 067 | Axial milling and drill holder ER 32 AX UT IC | |
|  | Weight [kg]: | 4.030 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Combi bearing; Trockenauf possible |

| Part-# | Name | |
|---|-----------------------|---|
|  | 8 010 66 126 | Axial drilling and milling head ER 32 AX UT |
| | Weight [kg]: | 4.080 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 | |
|  | 8 010 66 127 | Axial drilling and milling head ER 32 AX UT IC |
| | Weight [kg]: | 4.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | Dryrun possible | |
| | 8 010 67 013 | Axial drilling and milling head HT 5 |
| | Weight [kg]: | 2.960 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| Coolant: | EXT | |
| Please note: | stronger bearing | |
| | 8 010 67 016 | Axial drilling and milling head HT 5 IC |
| | Weight [kg]: | 2.990 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | 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: | stronger bearing | |

| Part-# | Name | |
|---------------------|---|------------------------|
| 8 010 67 024 | Axial drilling and milling head HT 5 IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| 8 010 67 029 | Axial drilling and milling head HT 5 IC | |
| | Weight [kg]: | 2.960 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | High pressure version |
| 8 010 67 054 | Axial drilling and milling head ER 40 AX UT | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 67 062 | Axial drilling and milling head Weldon 25 IC | |
| | Weight [kg]: | 4.140 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |

| Part-# | Name |
|---------------------|--|
| 8 010 67 127 | Axial drilling and milling head ER 40 AX UT IC |
| | Weight [kg]: 4.550 |
| | Tool drive: Flat (~DIN 1809) |
| | Shank size [mm]: 65.00 |
| | Shank type: BMT |
| | Tool adaption: ER 40 A - u-tec |
| | Gear ratio [i]: 1:1 |
| | Torque max [Nm]: 50 |
| | Rotation max [1/min]: 5000 |
| | Rotating direction: same |
| | Coolant: IC/Ext |
| | Pressure max [bar]: 25 |
| | Please note: Combi bearing |
| 8 010 67 128 | Axial drilling and milling head ER 40 AX UT |
| | Weight [kg]: 4.620 |
| | Tool drive: Flat (~DIN 1809) |
| | Shank size [mm]: 65.00 |
| | Shank type: BMT |
| | Tool adaption: ER 40 A - u-tec |
| | Gear ratio [i]: 1:1 |
| | Torque max [Nm]: 50 |
| | Rotation max [1/min]: 12000 |
| | Rotating direction: same |
| | Coolant: EXT |
| | Pressure max [bar]: 140 |
| 8 011 64 004 | Axial milling head universal arbor 16 |
| | Weight [kg]: 4.110 |
| | Tool drive: Flat (~DIN 1809) |
| | Shank size [mm]: 65.00 |
| | Shank type: BMT |
| | Tool adaption: Universal arbor 16 |
| | Gear ratio [i]: 1:1 |
| | Torque max [Nm]: 50 |
| | Rotation max [1/min]: 5000 |
| | Rotating direction: same |
| | Coolant: EXT |
| | Please note: Combi bearing |
| 8 011 64 006 | Axial milling head universal arbor 3/4" |
| | Weight [kg]: 4.060 |
| | Tool drive: Flat (~DIN 1809) |
| | Shank size [mm]: 65.00 |
| | 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; without cutter retaining screw |




| Part-# | Name | |
|---------------------|--|-----------------------|
| 8 011 65 013 | Axial milling head universal arbor 22 | |
| | Weight [kg]: | 4.210 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 66 004 | Axial milling head universal arbor 27 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| 8 011 66 009 | Axial milling head universal arbor 27 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 011 67 002 | Axial milling head universal arbor 32 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| 8 013 64 002 | Axial drilling and milling head ER 16 AX UT | |
| | Weight [kg]: | 3.500 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 24000 |

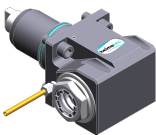
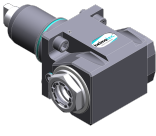
| Part-# | Name | |
|---------------------|---|-------------------------|
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 013 65 002 | Axial drilling and milling head ER 25 AC IC | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 80 |
| | Rotation max [1/min]: | 2000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| 8 014 65 000 | Axial milling head universal arbor 22 | |
| | Weight [kg]: | 7.900 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 80 |
| | Rotation max [1/min]: | 2000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 019 65 006 | Axial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 6.820 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 50 |
| 8 019 65 011 | Axial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 8.080 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | stronger bearing |
| | Offset [mm]: | 50 |



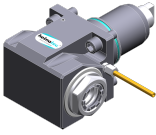
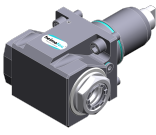


| Part-# | Name | |
|---------------------|--|------------------------|
| 8 030 62 000 | Radial drilling and milling head Weldon 6 | |
| | Weight [kg]: | 8.160 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 6 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 63 000 | Radial drilling and milling head Weldon 8 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 8 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 65 |
| 8 030 64 014 | Radial drilling and milling head Weldon 10 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 10 |
| | 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 64 022 | Radial drilling and milling head Weldon 12 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 12 |
| | 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]: | 80 |

| Part-# | Name | |
|---------------------|--|-----------------------|
| 8 030 65 010 | Radial drilling and milling head ER 25 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 75 |
| 8 030 65 014 | Radial drilling and milling head ER 25 | |
| | Weight [kg]: | 8.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 65 015 | Radial drilling and milling head ER 25 IC | |
| | Weight [kg]: | 7.720 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 65 |
| 8 030 65 018 | Radial drilling and milling head ER 25 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | High pressure version |
| | Center distance [mm]: | 65 |

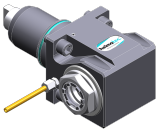
| Part-# | Name | |
|---|------------------------|--|
|  | 8 030 65 020 | Radial drilling and milling head ER 25 AX UT IC |
| | Weight [kg]: | 7.900 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 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]: | 80 | |
| | 8 030 65 025 | Radial drilling and milling head ER 25 IC |
| Weight [kg]: | 8.630 | |
| Notation: | 180° reversible | |
| Tool drive: | Flat (~DIN 1809) | |
| Shank size [mm]: | 65.00 | |
| Shank type: | BMT | |
| Tool adaption: | ER 25 | |
| Gear ratio [i]: | 1:3 | |
| Torque max [Nm]: | 12 | |
| Rotation max [1/min]: | 12000 | |
| Rotating direction: | same | |
| Coolant: | IC | |
| Pressure max [bar]: | 140 | |
| Please note: | stronger bearing | |
| Center distance [mm]: | 75 | |
| | 8 030 65 046 | Radial drilling and milling head Weldon 16 |
| Weight [kg]: | 8.060 | |
| Notation: | 180° reversible | |
| Tool drive: | Flat (~DIN 1809) | |
| Shank size [mm]: | 65.00 | |
| 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: | opposite | |
| Coolant: | EXT | |
| Please note: | Combi bearing | |
| Center distance [mm]: | 65 | |
| | 8 030 66 001 | Radial drilling and milling head Weldon 20 IC |
| Weight [kg]: | 8.400 | |
| Notation: | 180° reversible | |
| Tool drive: | Flat (~DIN 1809) | |
| Shank size [mm]: | 65.00 | |
| 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: | opposite | |

| Part-# | Name | |
|---|--|------------------------|
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 66 004 | Radial drilling and milling head Weldon 20 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 20 |
| | Gear ratio [i]: | 1,625:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 66 078 | Angle-mill- and drill holder ER 32 AX UT | |
|  | Weight [kg]: | 8.340 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 66 090 | Angle-mill- and drill holder ER 32 AX UT IC | |
|  | Weight [kg]: | 8.240 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 65 |

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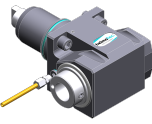


| Part-# | Name | |
|---|--|------------------|
| 8 030 66 103 | Radial drilling and milling head ER 32 AX UT | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 66 127 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 65 |
| 8 030 66 257 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 7.800 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 66 259 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 11.100 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |

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| Part-# | Name | |
|---|--|--------------------------------|
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 100 |
| 8 030 66 263 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 7.600 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 65 |
| 8 030 67 003 | Radial drilling and milling head Weldon 25 IC | |
| | Weight [kg]: | 8.720 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 special |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 67 007 | Radial drilling and milling head ER 40 | |
| | Weight [kg]: | 7.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 |
| | Gear ratio [i]: | 1,625:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 67 008 | Radial drilling and milling head ER 40 | |
| | Weight [kg]: | 7.260 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 |
| | Gear ratio [i]: | 1:1 |

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| Part-# | Name | |
|---------------------|--|------------------------|
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 67 027 | Radial drilling and milling head Weldon 25 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 67 028 | Radial drilling and milling head HT 5 IC | |
| | Weight [kg]: | 9.200 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 91 |
| 8 030 67 037 | Radial drilling and milling head Weldon 25 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |

| Part-# | Name | |
|---|--|------------------------|
| 8 030 67 088 | Radial drilling and milling head HT 5 IC | |
|  | Weight [kg]: | 8.420 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 67 120 | Radial drilling and milling head Weldon 25 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | 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 |
| 8 030 67 140 | Radial drilling and milling head ER 40 AX UT | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 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 67 156 | Radial drilling and milling head ER 40 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |

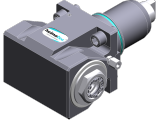
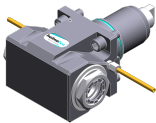
| Part-# | Name | |
|---------------------|---|--------------------------------------|
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 037 62 001 | Radial disk mill head arbor 10 | |
| | Weight [kg]: | 12.940 |
| | Notation: | 180° reversible |
| | Version: | ± 10° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 63 005 | Radial disk mill head arbor 13 | |
| | Weight [kg]: | 12.880 |
| | Notation: | 180° reversible |
| | Version: | ± 10° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 64 004 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 12.840 |
| | Notation: | 180° reversible |
| | Version: | ± 10° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | no |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 64 007 | Radial disk mill head arbor 3/4" | |
| | Weight [kg]: | 13.300 |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 3/4" (19,05mm) |

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| Part-# | Name | |
|---------------------|---------------------------------------|--------------------------------------|
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 65 000 | Woodruff keycutter ER 25 AS | |
| | Weight [kg]: | 7.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A |
| | Gear ratio [i]: | 1,333:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2250 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 037 65 002 | Radial disk mill head arbor 22 | |
| | Weight [kg]: | 13.420 |
| | Notation: | 180° reversible |
| | Version: | ± 10° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 65 005 | Radial disk mill head arbor 22 | |
| | Weight [kg]: | 16.620 |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 037 65 030 | Radial disk mill head arbor 22 | |
| | Weight [kg]: | 14.790 |
| | Version: | ± 30° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |

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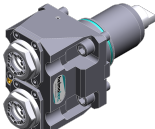
| Part-# | Name | |
|---------------------|---|----------------------------------|
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 98 |
| 8 037 66 000 | Radial disk mill head arbor 27 | |
| | Weight [kg]: | 13.260 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 039 64 001 | Radial drilling and milling head ER 16 | |
| | Weight [kg]: | 7.800 |
| | Notation: | 60° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 039 64 002 | Radial drilling and milling head ER 16 | |
| | Weight [kg]: | 7.620 |
| | Notation: | 30° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 039 64 003 | Radial drilling and milling head ER 16 | |
| | Weight [kg]: | 7.520 |
| | Notation: | 45° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |


| Part-# | Name | |
|---|---|-----------------------|
| | Coolant: | EXT |
| 8 039 65 014 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 8.760 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 039 66 004 | Radial milling head universal arbor 27 | |
| | Weight [kg]: | 9.480 |
| | Notation: | 100° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1,438:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 039 66 028 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 8.600 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 040 64 000 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 4.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |

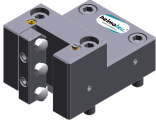
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| Part-# | Name | |
|---|---|-------------------------|
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 64 |
| 8 043 64 003 | Universal head +100°/-20° adj. ER16 AX UT | |
| | Weight [kg]: | 8.910 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| | Offset [mm]: | 35 |
| 8 043 64 007 | Universal head +145°/-25° adj. ER16AX UTIK | |
|  | Weight [kg]: | 8.680 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 60 |
| | Offset [mm]: | 60 |
| 8 043 64 012 | Universal head +100°/-20° adj. ER16AX UTIK | |
| | Weight [kg]: | 8.960 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 60 |
| | Offset [mm]: | 35 |


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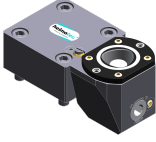
| Part-# | Name | |
|---|---|-------------------------|
| 8 043 64 026 | Universal head +100°/-20° adj. ER16AX UTIK | |
| | Weight [kg]: | 8.920 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 60 |
| | Offset [mm]: | 35 |
| 8 043 65 002 | Universal head +100°/-20° adj. ER25 AX UT | |
|  | Weight [kg]: | 8.870 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 60 |
| | Offset [mm]: | 35 |
| 8 043 65 011 | Universal head +100°/-20° adj. ER25AX UTIK | |
| | Weight [kg]: | 9.170 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 25 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 60 |
| | Offset [mm]: | 35 |
| 8 050 65 007 | Multispindle drilling head ER 25 AX UT | |
|  | Weight [kg]: | 6.740 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |

| Part-# | Name | |
|---|---|---|
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 8 068 64 000 | Radial whirling unit HW 46 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HW 46 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | without cutting inserts carrier; check applicability; |
| | Center distance [mm]: | 80 |
| 8 200 03 001 | Cover plate | |
| | Weight [kg]: | 0.438 |
| | Shank type: | BMT |
| 8 202 10 002 | Basic holder for height adjustable adapter | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| 8 202 10 003 | Basic holder for height adjustable adapter | |
| | Weight [kg]: | 2.840 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| 8 202 10 008 | Basic holder longitudinal seat FN 12 | |
| | Weight [kg]: | 1.200 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Interface FN 12 |
| | Coolant: | EXT |
| 8 208 69 003 | Test mandrel BMT 65 | |
| | Weight [kg]: | 3.280 |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| 8 209 14 000 | Adapter for VDI 40 | |
| | Weight [kg]: | 4.560 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 40 |
| | Coolant: | EXT |
| | Center distance [mm]: | 35 |



| Part-# | Name | |
|---|--|-----------------------------|
| 8 209 14 001 | Adapter for VDI 40 | |
| | Weight [kg]: | 5.310 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | DIN 69880 - 40 |
| | Coolant: | EXT |
| | Center distance [mm]: | 80 |
| 8 224 12 010 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 2.040 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key slot b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 224 12 011 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 2.040 |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 224 13 008 | Cut-off holder SH 32 | |
|  | Weight [kg]: | 1.840 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| 8 224 13 009 | Cut-off holder SH 32 | |
| | Weight [kg]: | 1.170 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| 8 224 15 000 | Universal turning holder sq. 25 | |
|  | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |

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| Part-# | Name | |
|--|---|--|
| 8 224 15 008 | Universal turning holder sq. 1" | |
| | Weight [kg]: | 4.370 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| 8 224 15 038 | Universal turning holder sq. 25 IC | |
| | Weight [kg]: | 4.380 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| 8 224 15 051 | Universal turning holder sq. 25 IC | |
|  | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | 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 |
| 8 225 12 002 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 1.640 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 225 12 003 | Cut-off holder sq. 25 | |
| | Employment for: | right cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 229 16 007 | Tool holder C 4 IC | |
| | 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]: | 75 |

| Part-# | Name | |
|--------------|-------------------------------------|--|
| 8 229 17 000 | Tool holder C 5 IC |  |
| | | Weight [kg]: 5.900 Notation: 180° reversible Version: right Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: heimatec Capto(TM) C 5 Coolant: IC/Ext Please note: Check applicability; note tool length! Offset [mm]: 85 |
| 8 240 15 009 | Insert drill holder 16 IC | Notation: 180° reversible Shank type: BMT Tool adaption: Whistle-Notch (DIN 1835 E) 16 Coolant: IC Center distance [mm]: 85 |
| 8 240 16 003 | Boring bar holder Ø 20 | Weight [kg]: 5.700 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 20 Coolant: IC/Ext Center distance [mm]: 90 |
| 8 240 16 011 | Insert drill holder 20 IC | Weight [kg]: 7.660 Notation: 180° reversible Shank type: BMT Tool adaption: Ø 20 Coolant: IC Center distance [mm]: 85 |
| 8 240 16 015 | Tool holder hydro 20 - blank | Weight [kg]: 4.280 Notation: 180° reversible Version: Special Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Blank for hydro clamp Coolant: IC/Ext Center distance [mm]: 90 |
| 8 240 16 031 | Collet chuck holder ER 32 | Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: ER 32 Coolant: IC/Ext Center distance [mm]: 90 |



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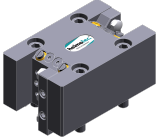
| Part-# | Name | |
|---|----------------------------------|-------------------------------|
| 8 240 17 000 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 5.440 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 17 010 | Boring bar holder Ø 30 | |
| | Weight [kg]: | 5.960 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | EXT |
| | Center distance [mm]: | 57,5 |
| 8 240 17 018 | Tool holder HT 5 | |
| | Weight [kg]: | 6.480 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 5 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 17 019 | Tool holder HT 5 | |
| | Weight [kg]: | 6.080 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 5 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 17 025 | Insert drill holder 25 IC | |
| | Weight [kg]: | 7.630 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 25 |
| | Coolant: | IC |
| | Center distance [mm]: | 85 |
| 8 240 17 060 | 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]: | 90 |
| 8 240 17 082 | Tool holder C 5 IC | |
|  | Weight [kg]: | 6.020 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 5 |
| | Coolant: | IC |

| Part-# | Name | |
|---|-----------------------------------|------------------------|
| | Center distance [mm]: | 80 |
| 8 240 17 113 | Tool holder C 5 IC | |
|  | Weight [kg]: | 7.200 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 5 |
| | Coolant: | IC |
| | Center distance [mm]: | 80 |
| 8 240 18 000 | Boring bar holder Ø 32 | |
|  | Weight [kg]: | 5.220 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 18 002 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 5.760 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 18 020 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 3.800 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 60 |
| 8 240 18 022 | Insert drill holder 32 IC | |
| | Weight [kg]: | 7.400 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC |
| | Center distance [mm]: | 85 |
| 8 240 18 035 | Boring bar holder Ø 1 1/2" | |
| | Weight [kg]: | 4.910 |
| | 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]: | 90 |

| Part-# | Name | |
|---|--------------------------------------|--------------------|
| 8 240 18 041 | Boring bar holder Ø 1 1/4" | |
| | Weight [kg]: | 5.160 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 19 000 | Boring bar holder Ø 40 | |
|  | Weight [kg]: | 4.830 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 19 004 | Boring bar holder Ø 50 | |
| | Weight [kg]: | 7.600 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 50 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 85 |
| 8 240 19 005 | Boring bar holder Ø 40 offset | |
| | Weight [kg]: | 7.920 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| | Offset [mm]: | 60 |
| 8 240 19 006 | Boring bar holder Ø 42 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 42 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 240 19 017 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 3.540 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 60 |

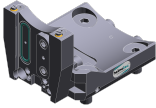



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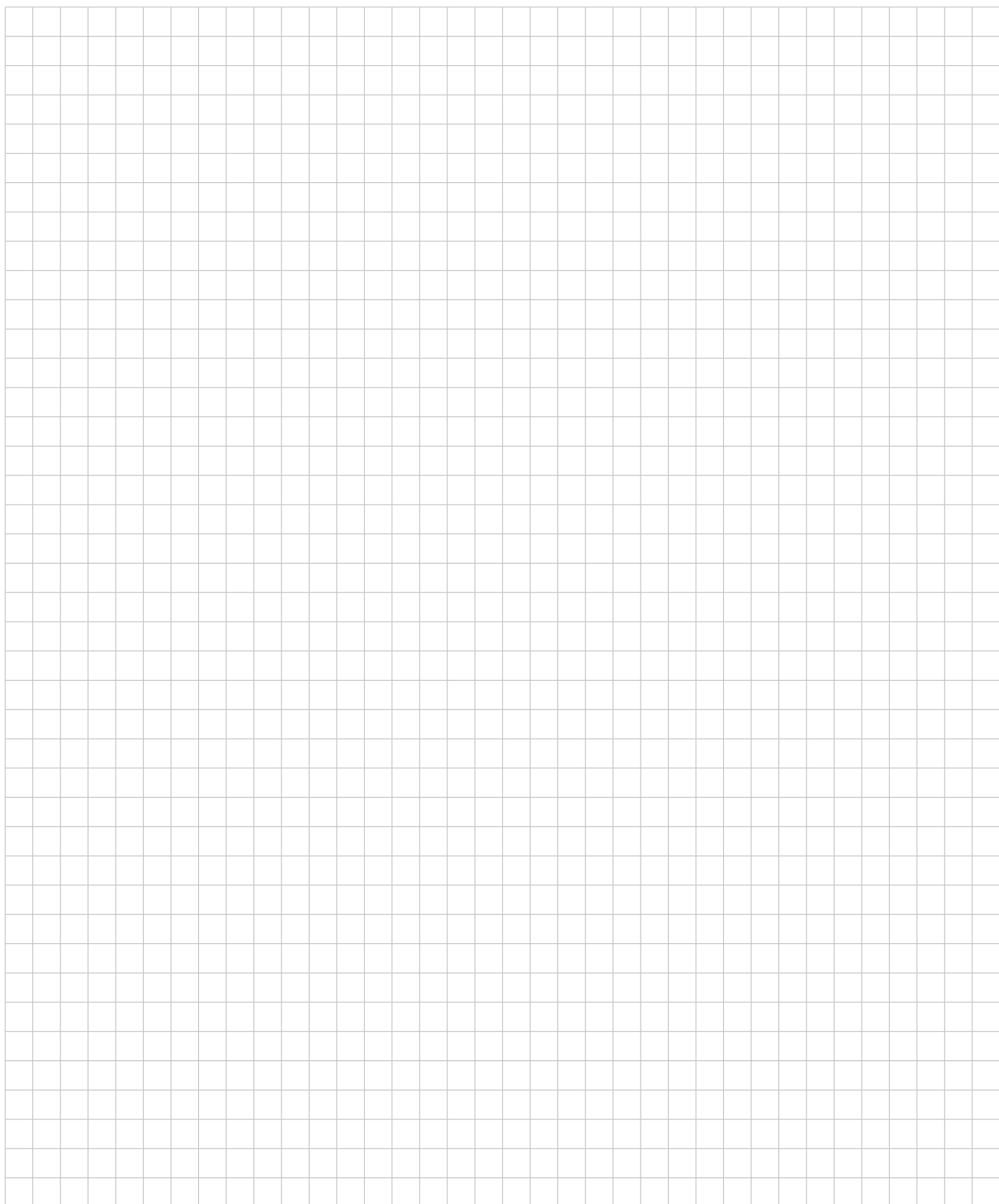
| Part-# | Name | |
|---|---|--|
| 8 240 19 019 | Insert drill holder 40 IC | |
| | Weight [kg]: | 7.100 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC |
| | Center distance [mm]: | 85 |
| 8 244 12 000 | Facing holder sq. 25 | |
|  | Weight [kg]: | 5.460 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 249 16 011 | Double collet chuck holder ER 32 | |
|  | Weight [kg]: | 5.940 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | | ER 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 249 17 006 | Double collet chuck holder ER 40 | |
|  | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 40 |
| | | ER 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |
| 8 250 16 006 | Double tool holder C 4 IC | |
| | Weight [kg]: | 5.500 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±75 |
| 8 250 16 010 | Double tool holder C 4 IC | |
|  | Weight [kg]: | 2.940 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |

| Part-# | Name | |
|---|---|---|
| | Coolant: | heimatec Capto(TM) C 4 |
| | Pressure max [bar]: | IC |
| | Please note: | 80 |
| | Offset [mm]: | Check applicability; note tool length! |
| | | ±24 |
| 8 251 12 000 | Double turning holder sq. 25 | |
| | Weight [kg]: | 6.920 |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 251 15 000 | Combi double turning holder sq. 25 | |
|  | Weight [kg]: | 6.800 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| 8 251 15 007 | Combi double turning holder sq. 1" | |
| | Weight [kg]: | 6.780 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| 8 253 15 016 | Double boring bar holder Ø 16 | |
| | Weight [kg]: | 5.440 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 16 |
| | | Ø 16 |
| | Coolant: | IC/Ext |
| | Please note: | untere boring bar zur main spindle obere boring bar zur |
| | Center distance [mm]: | 57,5/100 |
| 8 253 16 000 | Double tool holder HT 4 | |
| | Weight [kg]: | 6.620 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Please note: | Holder 180° reversible |
| | Center distance [mm]: | 57,5/100 |

| Part-# | Name | |
|---------------------|--------------------------------------|---|
| 8 253 16 035 | Double boring bar holder Ø 20 | |
| | Weight [kg]: | 5.280 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | | Ø 20 |
| | Coolant: | IC/Ext |
| | Please note: | untere boring bar zur main spindle obere boring bar zur |
| | Center distance [mm]: | 57,5/100 |
| 8 253 17 007 | Double boring bar holder Ø 25 | |
| | Weight [kg]: | 4.980 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 57,5/100 |
| 8 253 17 041 | Double boring bar holder Ø 25 | |
| | Weight [kg]: | 5.560 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65/110 |
| 8 253 17 050 | Double boring bar holder Ø 1" | |
| | Weight [kg]: | 4.940 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 57,5/100 |
| 8 253 17 089 | Double boring bar holder Ø 25 | |
| | Weight [kg]: | 4.980 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | untere boring bar zur main spindle obere boring bar zur |
| | Center distance [mm]: | 57,5/100 |

| Part-# | Name | |
|---------------------|--|---|
| 8 253 18 018 | Double boring bar holder Ø 32 | |
| | Weight [kg]: | 8.420 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | untere boring bar zur main spindle obere boring bar zur |
| | Center distance [mm]: | 57,5/100 |
| 8 261 18 002 | Tool holder for centering insert | |
| | Weight [kg]: | 6.110 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | EXT |
| | Please note: | Price without centering point |
| | Center distance [mm]: | 57,5 |
| 8 263 19 010 | Tool holder with rotating centering point | |
| | Weight [kg]: | 8.160 |
| | 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]: | 90 |
| 8 263 19 031 | Tool holder with rotating centering point | |
| | Weight [kg]: | 8.280 |
| | 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]: | 90 |
| 8 269 19 001 | Tool holder with rotating centering point | |
| | Weight [kg]: | 8.510 |
| | Notation: | 180° reversible |
| | Version: | Special; double spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 90 |

| Part-# | Name | |
|---|---|--|
| 8 269 19 002 | Tool holder with rotating centering point | |
| | Weight [kg]: | 8.380 |
| | Notation: | 180° reversible |
| | Version: | Special; double spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 90 |
| 8 320 13 004 | 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 |
| 8 320 13 016 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 2.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder use |
| 8 320 13 017 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 1.960 |
| | 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 19 002 | Cut-off holder, height adjustable 845 IC | |
|  | Weight [kg]: | 1.740 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: |  System 845 |
| | Coolant: | IC |
| | Pressure max [bar]: | 70 |
| 8 320 19 017 | Cut-off holder, height adjustable 845 IC | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: |  System 845 |
| | Coolant: | IC |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |



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heimatec[®]

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

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

Please find the contact details of our worldwide trading partners on our website:
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