TOOL CATALOGUE

heimatec®

# Nakamura

# NTY 3 - 100

11/2026




# 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 subsiiary in Asia and India and numerous representatives as well as trading partners all over the world.

## *OUR PRODCUTS

Static tool holders
Live tool units
Precision tools
Tools for turning and machining centres
Tools for swiss type lathes
Tool changing and uick-change systems
Tool systems for gear production
Digital tool management

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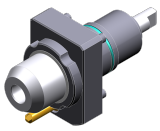
| Part-# | Name | |
|---|---|---|
| **8 010 44 055** | **Axial milling and drill holder ER 20 AX UT** | |
|  | Weight [kg]: | 1.450 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| **8 010 44 056** | **Axial milling and drill holder ER 20 AX UT IC** | |
|  | Weight [kg]: | 1.440 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| **8 010 44 071** | **Axial drilling and milling head Weldon 14** | |
| | Weight [kg]: | 1.640 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 14 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| **8 010 44 085** | **Axial drilling and milling head ER 20 AX UT IC** | |
| | Weight [kg]: | 1.970 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | High pressure version |

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


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| Part-# | Name | |
|---|---|---|
| **8 010 45 082** | **Axial drilling and milling head Weldon 16 IC** | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| **8 010 45 160** | **Axial drilling and milling head ER 25 AX UT** | |
| | Weight [kg]: | 1.530 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| **8 010 45 170** | **Axial drilling and milling head ER 25 IC** | |
|  | Weight [kg]: | 1.550 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | Combi bearing |
| **8 010 45 191** | **Axial milling and drill holder ER 25 AX UT** | |
| | Weight [kg]: | 1.600 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |

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

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



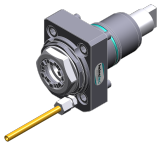
| | |
|---|---|
| Weight [kg]: | 1.800 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 44.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 32 |
| Rotation max [1/min]: | 8000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |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

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



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

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



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

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



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


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

**8 010 45 210** **Axial drilling and milling head ER 25 AX UT IC**



| | |
|---|---|
| Weight [kg]: | 1.980 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 44.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 32 |
| Rotation max [1/min]: | 15000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 100 |
| Please note: | Dryrun possible |

**8 010 46 149** **Axial drilling and milling head HT 4 IC**



| | |
|---|---|
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 44.00 |
| Shank type: | BMT |
| Tool adaption: | HT 4 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 16 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 25 |
| Please note: | Combi bearing |

**8 010 46 277** **Axial drilling and milling head HT 4 IC**



| | |
|---|---|
| Weight [kg]: | 1.400 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 44.00 |
| Shank type: | BMT |
| Tool adaption: | HT 4 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 16 |
| Rotation max [1/min]: | 8000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 25 |
| Please note: | stronger bearing |

**8 010 46 323** **Axial drilling and milling head Weldon 20**



| | |
|---|---|
| Weight [kg]: | 1.940 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 44.00 |
| Shank type: | BMT |
| Tool adaption: | Weldon (DIN 1835 b) 20 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 32 |
| Rotation max [1/min]: | 12000 |
| Rotating direction: | same |
| Coolant: | EXT |

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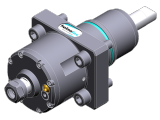
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| Part-# | Name | |
|---|---|---|
| **8 011 44 017** | **Axial milling head universal arbor 16** | |
|  | Weight [kg]: | 1.560 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal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


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| Part-# | Name | |
|---|---|---|
| **8 013 43 001** | **Axial drilling and milling head ER 11** | |
|  | Weight [kg]: | 1.850 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 2,5 |
| | Rotation max [1/min]: | 48000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| **8 013 44 002** | **Axial drilling and milling head ER 16 AX UT** | |
|  | Weight [kg]: | 1.850 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| **8 013 44 003** | **Axial drilling and milling head ER 16 AX UT IC** | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| **8 019 44 014** | **Axial drilling and milling head ER 16** | |
| | Weight [kg]: | 3.860 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |

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| Part-# | Name | |
|---|---|---|
| **8 019 44 017** | **Axial drilling and milling head HT 2** | |
| | Weight [kg]: | 3.780 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 2 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| **8 019 44 040** | **Axial drilling and milling head ER 16 AX UT** | |
| | Weight [kg]: | 3.780 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| **8 019 44 108** | **Axial drilling and milling head ER 16 AX UT** | |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| **8 019 44 109** | **Axial drilling and milling head ER 16 AX UT IC** | |
| | Weight [kg]: | 4.450 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |


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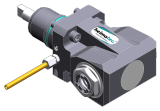
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| Part-# | Name | |
|---|---|---|
| | Offset [mm]: | 34,5 |
| **8 019 44 124** | **Axial drilling and milling head ER 16 AX UT IC** | |
| | Weight [kg]: | 4.470 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Offset [mm]: | 34,5 |
| **8 019 44 136** | **Axial drilling and milling head ER 20 AX UT** | |
|  | Weight [kg]: | 3.160 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| **8 019 44 138** | **Axial drilling and milling head ER 16 AX UT** | |
|  | Weight [kg]: | 3.120 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Umsetzbarkeit check ! |
| | Offset [mm]: | 34,5 |
| **8 030 44 060** | **Angle-mill- and drill holder ER 16 AX UT IC** | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |

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| Part-# | Name | |
|---|---|---|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 44 065** | **Radial drilling and milling head ER 16 AX UT** | |
| | Weight [kg]: | 4.360 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 68,5 |
| **8 030 44 067** | **Angle-mill- and drill holder ER 20 AX UT** | |
|  | Weight [kg]: | 4.000 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| **8 030 44 068** | **Angle-mill- and drill holder ER 20 AX UT IC** | |
| | Weight [kg]: | 4.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |


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

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| Part-# | Name | |
|---|---|---|
| | Center distance [mm]: | 68,5 |
| **8 030 44 173** | **Radial drilling and milling head ER 16 AX UT IC** | |
| | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 68,5 |
| **8 030 44 179** | **Radial drilling and milling head ER 16 AX UT** | |
|  | Weight [kg]: | 4.040 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| **8 030 44 180** | **Radial drilling and milling head ER 16 AX UT IC** | |
|  | Weight [kg]: | 4.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 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]: | 60 |
| **8 030 44 214** | **Radial drilling and milling head ER 20 AX UT** | |
| | Weight [kg]: | 4.750 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |

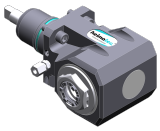

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| Part-# | Name | |
|---|---|---|
| | Coolant: | EXT |
| | Please note: | stronger bearing; check applicability ! |
| | Center distance [mm]: | 75 |
| **8 030 44 225** | **Radial drilling and milling head ER 20 AX UT** | |
|  | Weight [kg]: | 3.830 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| **8 030 44 226** | **Radial drilling and milling head ER 20 AX UT IC** | |
| | Weight [kg]: | 4.250 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 030 44 237** | **Angle-mill- and drill holder ER 20 AX UT** | |
|  | Weight [kg]: | 3.880 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 44 238** | **Angle-mill- and drill holder ER 20 AX UT IC** | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |


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| Part-# | Name | |
|---|---|---|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 45 158** | **Radial drilling and milling head ER 25 AX UT** | |
|  | Weight [kg]: | 4.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| **8 030 45 218** | **Radial drilling and milling head ER 25 AX UT IC** | |
| | Weight [kg]: | 5.040 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| **8 030 45 326** | **Radial drilling and milling head C 3 IC** | |
|  | Weight [kg]: | 7.220 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 58 |


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| Part-# | Name | |
|---|---|---|
| **8 030 45 328** | **Radial drilling and milling head ER 25 AX UT IC** | |
| | Weight [kg]: | 4.537 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 75 |
| **8 030 45 560** | **Radial drilling and milling head Weldon 3/4"** | |
| | Weight [kg]: | 4.420 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 3/4" (19,05mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 45 574** | **Radial drilling and milling head ER 25 AX UT** | |
|  | Weight [kg]: | 3.740 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| **8 030 45 575** | **Radial drilling and milling head ER 25 AX UT IC** | |
|  | Weight [kg]: | 4.600 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |

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| Part-# | Name | |
|---|---|---|
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 030 45 609** | **Angle-mill- and drill holder ER 25 AX UT** | |
|  | Weight [kg]: | 3.900 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 45 610** | **Angle-mill- and drill holder ER 25 AX UT IC** | |
|  | Weight [kg]: | 4.240 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |
| **8 030 46 266** | **Radial drilling and milling head HT 4** | |
|  | Weight [kg]: | 4.020 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 030 46 267** | **Radial drilling and milling head HT 4 IC** | |
|  | Weight [kg]: | 4.250 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |


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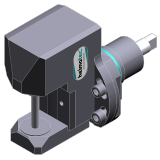
| Part-# | Name | |
|---|---|---|
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 030 46 337** | **Radial drilling and milling head HT 4 IC** | |
| | Weight [kg]: | 4.310 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| **8 031 40 000** | **Radial milling head arbor 5** | |
| | Weight [kg]: | 2.480 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | with interchangeable arbor |
| | Center distance [mm]: | 60 |
| **8 031 44 032** | **Radial polygon head arbor 16** | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 60 |

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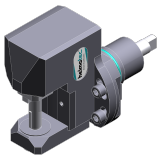
# NTY 3 - 100

| Part-# | Name | |
|---|---|---|
| **8 031 44 046** | **Radial polygon head arbor 16** | |
| | Weight [kg]: | 5.000 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Polygon arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| **8 031 45 040** | **Radial milling head universal arbor 22** | |
| | Weight [kg]: | 4.730 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 72 |
| **8 037 41 000** | **Radial disk mill head arbor 8** | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 8 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| **8 037 42 000** | **Radial disk mill head arbor 10** | |
| | Weight [kg]: | 5.020 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 10 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |


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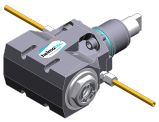
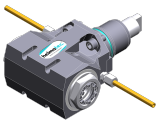
| Part-# | Name | |
|---|---|---|
| **8 037 43 003** | **Radial disk mill head arbor 13** | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 13 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| **8 037 44 012** | **Radial disk mill head arbor 16** | |
| | Weight [kg]: | 5.300 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 78 |
| **8 039 44 032** | **Radial drilling and milling head ER 16 AX UT** | |
| | Weight [kg]: | 3.780 |
| | Notation: | 180° reversible |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 60 |
| **8 039 44 058** | **Radial drilling and milling head ER 16 AX UT** | |
| | Weight [kg]: | 4.690 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 16000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 68,5 |

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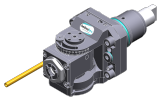
# NTY 3 - 100

| Part-# | Name | |
|---|---|---|
| **8 039 44 094** | **Radial drilling and milling head ER 20 AX UT** | |
|  | Weight [kg]: | 4.140 |
| | Notation: | 180° reversible |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 60 |
| **8 039 45 009** | **Radial drilling and milling head ER 25 AX UT** | |
|  | Weight [kg]: | 4.080 |
| | Notation: | 180° reversible |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 60 |
| **8 040 43 003** | **Universal head ± 90° adjustable ER 11 AX** | |
| | Weight [kg]: | 3.550 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 67 |
| **8 040 44 025** | **Universal head ± 90° adjustable HT 2** | |
| | Weight [kg]: | 3.560 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | 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]: | 67 |


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| Part-# | Name | |
|---|---|---|
| **8 040 44 031** | **Universal head ± 90° adjustable ER 16** | |
|  | Weight [kg]: | 3.580 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 67 |
| **8 040 44 110** | **Universal head ± 90° adjustable ER 16 AX UT** | |
|  | Weight [kg]: | 3.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 58 |
| **8 040 44 111** | **Universal head ± 90° adjustable ER 16 AX UT IC** | |
|  | Weight [kg]: | 3.040 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 58 |
| **8 040 44 116** | **Universal head ± 90° adjustable ER 16 AX UT** | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 58 |

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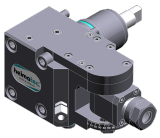
# NTY 3 - 100

| Part-# | Name | |
|---|---|---|
| **8 040 44 117** | **Universal head ± 90° adjustable ER 16 AX UT IC** | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 20000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 58 |
| **8 043 43 000** | **Universal head + 90° adj. ER11 AX** | |
| | Weight [kg]: | 4.040 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 72 |
| **8 043 43 001** | **Universal head +155° adj. ER11 AX** | |
| | Weight [kg]: | 4.200 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 74 |
| **8 043 43 004** | **Universal head +155° adj. ER11 AX IC** | |
| | Weight [kg]: | 4.500 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Center distance [mm]: | 25 |


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| Part-# | Name | |
|---|---|---|
| | Offset [mm]: | 74 |
| **8 043 44 001** | **Universal head + 90° adjustable ER 16** | |
|  | Weight [kg]: | 4.070 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 72 |
| **8 043 44 051** | **Universal head + 60°/- 5° adj. ER16AX UT** | |
|  | Weight [kg]: | 3.640 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 50 |
| **8 043 44 052** | **Universal head + 60°/- 5° adj. ER16AX UTIK** | |
|  | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 25 |
| | Offset [mm]: | 50 |

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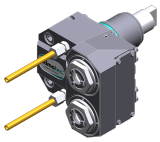
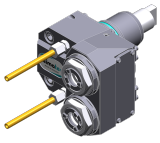
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| Part-# | Name | |
|---|---|---|
| **8 050 44 010** | **Multispindle drilling head ER 16 AX UT** | |
| | Notation: | offset |
| | Version: | 3-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | 2xER 16 A UT offset, 1x centered |
| **8 050 44 011** | **Multispindle drilling head ER 16 AX UT** | |
| | Weight [kg]: | 3.810 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles in short version |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 20 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| **8 050 44 018** | **Multispindle drilling head ER 16 AX UT** | |
| | Weight [kg]: | 4.830 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |
| **8 050 44 021** | **Multispindle drilling head ER 16 AX UT** | |
| | Weight [kg]: | 3.770 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles in short version |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 50 |


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| Part-# | Name | |
|---|---|---|
| **8 050 44 024** | **Multispindle drilling head ER 16 AX UT IC** | |
| | Weight [kg]: | 4.840 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 8 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Offset [mm]: | 50 |
| **8 050 44 069** | **Multispindle drilling head ER 16 AX UT** | |
|  | Weight [kg]: | 4.000 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 50 |
| **8 050 44 070** | **Multispindle drilling head ER 16 AX UT IC** | |
|  | Weight [kg]: | 4.150 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 50 |
| **8 050 44 071** | **Multispindle drilling head ER 20 AX UT** | |
|  | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |

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| Part-# | Name | |
|---|---|---|
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 50 |
| **8 053 44 068** | **Multispindle radial head ER 16 AX UT** | |
|  | Weight [kg]: | 5.370 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 053 44 069** | **Multispindle radial head ER 16 AX UTIK** | |
|  | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 053 44 070** | **Multispindle radial head ER 16 AX UT** | |
|  | Weight [kg]: | 5.600 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16/Sp |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |


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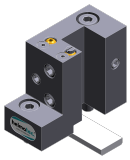
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| Part-# | Name | |
|---|---|---|
| **8 053 44 071** | **Multispindle radial head ER 16 AX UTIK** | |
|  | Weight [kg]: | 5.600 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16/Sp |
| | Rotation max [1/min]: | 24000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 60 |
| **8 068 44 000** | **Radial whirling unit HW 46** | |
|  | Weight [kg]: | 4.960 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Tool adaption: | HW 46 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | without cutting inserts carrier |
| | Center distance [mm]: | 63 |
| **8 200 03 011** | **Cover plate** | |
| | Weight [kg]: | 0.214 |
| | Shank type: | BMT |
| **8 202 10 005** | **Basic holder longitudinal seat FN 12** | |
|  | Weight [kg]: | 0.720 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Interface FN 12 |
| | Coolant: | EXT |
| **8 209 48 001** | **Adapter for sensor Renishaw RLP** | |
| | Weight [kg]: | 0.980 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 44.00 |
| | Shank type: | BMT |
| | Coolant: | no |

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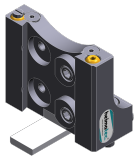
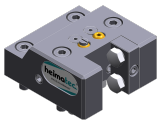
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| Part-# | Name | |
|---|---|---|
| **8 224 11 012** | **Cut-off holder sq. 20** | |
|  | Weight [kg]: | 0.920 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| **8 224 11 013** | **Cut-off holder sq. 20** | |
|  | Weight [kg]: | 0.890 |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| **8 224 11 014** | **Turning holder sq. 3/4"** | |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 224 11 015** | **Cut-off holder sq. 3/4"** | |
| | Weight [kg]: | 0.900 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 224 12 008** | **Cut-off holder SH 26** | |
| | Weight [kg]: | 1.010 |
| | Employment for: | Cut-off tool 26 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | EXT |
| **8 224 12 009** | **Cut-off holder SH 26** | |
|  | Weight [kg]: | 1.120 |
| | Employment for: | for cut-off tool 26 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | EXT |


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| Part-# | Name | |
|---|---|---|
| **8 224 13 006** | **Cut-off holder SH 32** | |
|  | Weight [kg]: | 0.800 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| **8 224 14 007** | **Universal turning holder sq. 20** | |
|  | Weight [kg]: | 2.030 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20<br>Sq. 20 |
| | Coolant: | EXT |
| **8 224 14 008** | **Universal turning holder sq. 3/4"** | |
| | Weight [kg]: | 1.970 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 224 14 017** | **Universal turning holder sq. 20** | |
|  | Weight [kg]: | 1.730 |
| | Notation: | 180° reversible |
| | Version: | short |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20<br>Sq. 20 |
| | Coolant: | EXT |
| **8 224 14 024** | **Universal turning holder sq. 20 IC** | |
|  | Weight [kg]: | 1.970 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20<br>Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 224 14 030** | **Universal turning holder sq. 3/4" IC** | |
| | Weight [kg]: | 1.700 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |

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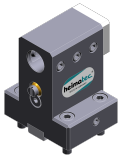
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| Part-# | Name | |
|---|---|---|
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 225 11 006** | **Cut-off holder sq. 20** | |
|  | Weight [kg]: | 0.900 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| **8 225 11 007** | **Cut-off holder sq. 20** | |
| | Weight [kg]: | 0.900 |
| | Employment for: | right cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| **8 225 11 008** | **Cut-off holder sq. 3/4"** | |
| | Weight [kg]: | 0.910 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 229 15 006** | **Tool holder C 3 IC** | |
|  | Weight [kg]: | 1.880 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability, tool length check! |
| | Offset [mm]: | 45 |
| **8 240 15 007** | **Insert drill holder 16 IC** | |
| | Weight [kg]: | 4.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 16 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| **8 240 15 011** | **Collet chuck holder ER 25** | |
|  | Weight [kg]: | 1.910 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 |
| | Coolant: | IC/Ext |


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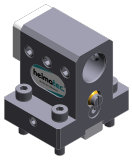
| Part-# | Name | |
|---|---|---|
| | Center distance [mm]: | 60 |
| **8 240 15 024** | **Collet chuck holder ER 25 AX UT** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| **8 240 15 025** | **Collet chuck holder ER 25 AX UT** | |
|  | Weight [kg]: | 2.100 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 60 |
| **8 240 15 042** | **Tool holder C 3 IC** | |
| | Weight [kg]: | 2.300 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 70 |
| **8 240 15 043** | **Tool holder C 3 IC** | |
|  | Weight [kg]: | 2.470 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length |
| | Center distance [mm]: | 70 |
| **8 240 16 007** | **Boring bar holder Ø 20** | |
|  | Weight [kg]: | 2.130 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |

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| Part-# | Name | |
|---|---|---|
| **8 240 16 068** | **Tool holder C 4 IC** | |
|  | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| **8 240 17 009** | **Boring bar holder Ø 25** | |
|  | Weight [kg]: | 1.740 |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 60 |
| **8 240 17 020** | **Boring bar holder Ø 25** | |
|  | Weight [kg]: | 2.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| **8 240 17 029** | **Boring bar holder Ø 1"** | |
| | Weight [kg]: | 2.050 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| **8 240 17 083** | **Boring bar holder Ø 25** | |
| | Notation: | 180° reversible special |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Tool holder on turret center |
| | Center distance [mm]: | 60 |
| **8 240 17 086** | **Boring bar holder Ø 25** | |
|  | Weight [kg]: | 3.540 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Tool adaption on turret center |


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| Part-# | Name | |
|---|---|---|
| | Center distance [mm]: | 75 |
| **8 240 18 025** | **Boring bar holder Ø 32** | |
|  | Weight [kg]: | 3.610 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Tool adaption to turret center |
| | Center distance [mm]: | 75 |
| **8 240 18 027** | **Boring bar holder Ø 32** | |
|  | Weight [kg]: | 2.900 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Tool holder on turret center |
| | Center distance [mm]: | 60 |
| **8 240 18 048** | **Boring bar holder Ø 1 1/4 "** | |
|  | Weight [kg]: | 2.750 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Tool holder on turret center |
| | Center distance [mm]: | 60 |
| **8 240 18 052** | **Boring bar holder Ø 1 1/4 "** | |
|  | Weight [kg]: | 3.140 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 75 |
| **8 240 18 076** | **Boring bar holder Ø 32** | |
|  | Weight [kg]: | 3.400 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Tool adaption on turret center |


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| Part-# | Name | |
|---|---|---|
| | Center distance [mm]: | 75 |
| **8 244 11 003** | **Facing holder sq. 20** | |
|  | Weight [kg]: | 2.550 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| **8 244 11 006** | **Facing holder sq. 3/4"** | |
|  | Weight [kg]: | 2.460 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 249 15 008** | **Double collet chuck holder ER 25 AX UT** | |
|  | Weight [kg]: | 3.110 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| **8 249 15 014** | **Double tool holder C 3 IC** | |
| | Weight [kg]: | 3.500 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3<br>heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability!; note tool length! |
| | Center distance [mm]: | 70 |
| **8 251 11 004** | **Double turning holder sq. 20** | |
|  | Weight [kg]: | 3.250 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20<br>Sq. 20 |
| | Coolant: | EXT |
| **8 251 11 005** | **Double turning holder sq. 16** | |
| | Weight [kg]: | 3.360 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 16 |
| | Coolant: | EXT |

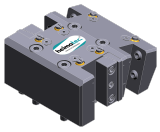

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| Part-# | Name | |
|---|---|---|
| **8 251 11 008** | **Double turning holder sq. 3/4"** | |
| | Weight [kg]: | 3.240 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 251 13 020** | **Combi multiple holder 3x sq. 3/4" IC** | |
|  | Weight [kg]: | 2.280 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 13 025** | **Combi multiple holder 3x sq. 3/4"** | |
|  | Weight [kg]: | 2.100 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| **8 251 13 026** | **Combi multiple holder 6x sq. 3/4" IC** | |
|  | Weight [kg]: | 3.400 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4"<br>Sq. 3/4"<br>Sq. 3/4"<br>Sq. 3/4" |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 14 008** | **Combi multiple holder 6x sq. 20** | |
| | Weight [kg]: | 3.660 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20<br>Sq. 20<br>Sq. 20<br>Sq. 20 |
| | Coolant: | EXT |


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| Part-# | Name | |
|---|---|---|
| **8 251 14 010** | **Combi multiple holder 3x sq. 20** | |
| | Weight [kg]: | 2.390 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| **8 251 14 014** | **Combi multiple holder 6x sq. 3/4"** | |
| | Weight [kg]: | 3.690 |
| | 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: | EXT |
| **8 251 14 076** | **Combi multiple holder 6x sq. 20 IC** | |
|  | Weight [kg]: | 3.620 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 14 077** | **Combi multiple holder 3x sq. 20 IC** | |
|  | Weight [kg]: | 2.270 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 14 099** | **Combi double turning holder sq. 20 IC** | |
|  | Weight [kg]: | 3.140 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |

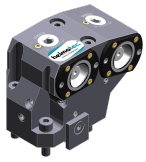

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| Part-# | Name | |
|---|---|---|
| **8 251 14 106** | **Combi multiple holder 3x sq. 20 IC** | |
|  | Weight [kg]: | 2.160 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 14 107** | **Combi multiple holder 6x sq. 20 IC** | |
|  | Weight [kg]: | 3.280 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 251 15 036** | **Multiple tool holder C 3 IC** | |
|  | Weight [kg]: | 2.340 |
| | 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]: | 45 |
| **8 251 15 037** | **Multiple tool holder C 3 IC** | |
|  | Weight [kg]: | 3.200 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability, note tool length! |
| | Offset [mm]: | 45 |
| | | 45 |
| **8 253 14 005** | **Multiple collet chuck holder ER 16 AX UT** | |
| | Weight [kg]: | 3.800 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 16 A - u-tec/2x ER 16 A - u-tec - 15° |
| | | ER 16 A - u-tec/2x ER 16 A - u-tec - 15° |
| | Coolant: | IC/Ext |

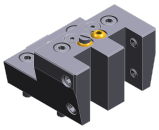

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| Part-# | Name | |
|---|---|---|
| | Center distance [mm]: | 75 |
| **8 253 15 002** | **Multiple tool holder C 3 IC** | |
|  | Weight [kg]: | 3.680 |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability, note tool length! |
| | Center distance [mm]: | 70 |
| **8 253 15 004** | **Multiple boring bar holder 3x Ø 16** | |
|  | Weight [kg]: | 3.330 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 16<br>Ø 16 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 56/80 |
| **8 253 15 020** | **Multiple tool holder C 3 IC** | |
|  | Weight [kg]: | 3.450 |
| | Version: | offset, right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability, note tool length! |
| | Center distance [mm]: | 70 |
| **8 253 17 020** | **Multiple boring bar holder 2x Ø 25** | |
|  | Weight [kg]: | 3.290 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25<br>Ø 25 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| **8 253 17 033** | **Multiple boring bar holder 2x Ø 1"** | |
| | Weight [kg]: | 3.270 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm)<br>Ø 1" (25,4mm) - 15° |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 75 |


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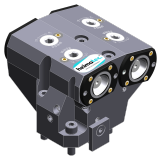
| Part-# | Name | |
|---|---|---|
| **8 253 17 037** | **Multiple boring bar holder 2x Ø 25** | |
| | Weight [kg]: | 3.590 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 - 15° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 80 |
| **8 254 11 000** | **Multiple facing holder 3x sq. 20** | |
| | Weight [kg]: | 3.370 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 - 15° |
| | | Sq. 20 - 15° |
| | Coolant: | EXT |
| | Center distance [mm]: | 70 |
| **8 254 11 001** | **Multiple facing holder 3x sq. 12** | |
| | Weight [kg]: | 3.820 |
| | Employment for: | Main- and sub spindle |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 12 |
| | | Sq. 12 |
| | Coolant: | EXT |
| | Center distance [mm]: | 78 |
| **8 254 14 000** | **Multiple facing holder 3x sq. 20** | |
|  | Weight [kg]: | 3.580 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| | Center distance [mm]: | 70 |
| **8 259 11 002** | **Multiple turning holder 2x sq. 20** | |
|  | Weight [kg]: | 2.080 |
| | Notation: | 180° reversible |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |

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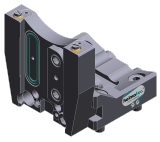
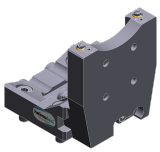
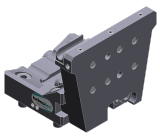
# NTY 3 - 100

| Part-# | Name | |
|---|---|---|
| **8 259 15 015** | **Multiple tool holder C 3 IC** | |
|  | Weight [kg]: | 5.880 |
| | 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! |
| | Center distance [mm]: | 70 |
| **8 259 19 005** | **Multiple holder Ø 25 and sq. 20** | |
| | Weight [kg]: | 3.980 |
| | 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]: | 75 |
| **8 263 19 011** | **Tool holder with rotating centering point** | |
|  | Weight [kg]: | 3.300 |
| | 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]: | 60 |
| **8 263 19 018** | **Tool holder with rotating centering point** | |
| | 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]: | 60 |
| **8 263 19 019** | **Tool holder with rotating centering point** | |
| | 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]: | 60 |


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| Part-# | Name | |
|---|---|---|
| **8 320 12 007** | **Cut-off holder, height adjustable SH 26 IC** | |
| | Weight [kg]: | 1.230 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| **8 320 12 008** | **Cut-off holder, height adjustable SH 26 IC** | |
| | Weight [kg]: | 1.380 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| **8 320 13 003** | **Cut-off holder, height adjustable SH 32 IC** | |
|  | Weight [kg]: | 1.300 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| **8 320 13 013** | **Cut-off holder, height adjustable SH 32 IC** | |
| | Weight [kg]: | 1.580 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder; use |
| **8 320 13 014** | **Cut-off holder, height adjustable SH 32 IC** | |
|  | Weight [kg]: | 1.490 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| **8 320 19 008** | **Cut-off holder, height adjustable 845 IC** | |
|  | Weight [kg]: | 1.500 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HORN System 845 |
| | Coolant: | IC |
| | Pressure max [bar]: | 70 |

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| Part-# | Name |
|---|---|
| | Please note: Clampshaft internal |


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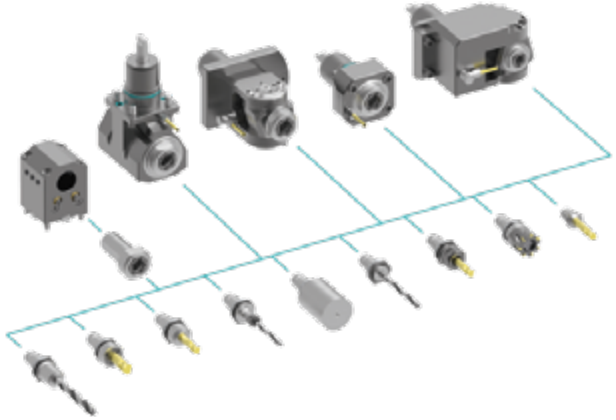
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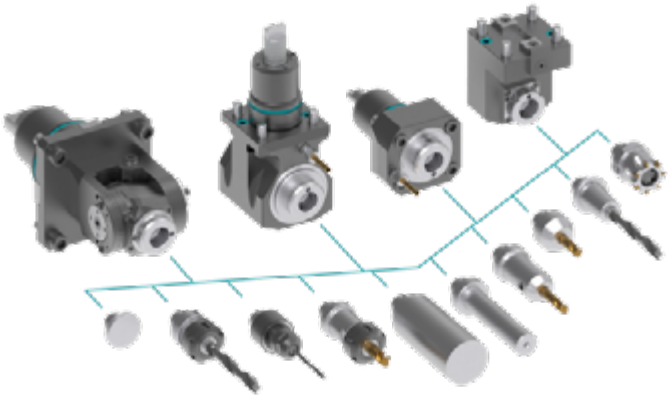
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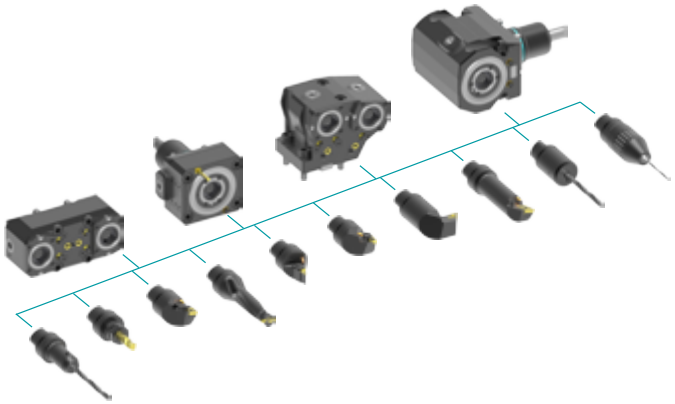
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