

Nakamura  
**WT-100 oberer  
Revolver (24  
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.

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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

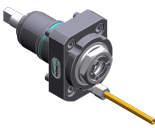
Digital tool management

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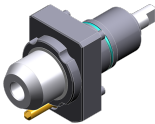
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## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                            | Name                                                  |                        |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|
| <b>8 010 44 055</b>                                                               | <b>Axial milling and drill holder ER 20 AX UT</b>     |                        |
|  | 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          |
| <b>8 010 44 056</b>                                                               | <b>Axial milling and drill holder ER 20 AX UT IC</b>  |                        |
|  | 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          |
| <b>8 010 44 071</b>                                                               | <b>Axial drilling and milling head Weldon 14</b>      |                        |
|                                                                                   | 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          |
| <b>8 010 44 085</b>                                                               | <b>Axial drilling and milling head ER 20 AX UT IC</b> |                        |
|                                                                                   | 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  |

## WT-100 oberer Revolver (24 Stationen)

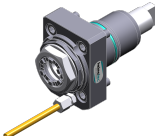
| Part-#                                                                              | Name                                                  |                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|
| <b>8 010 44 091</b>                                                                 | <b>Axial drilling and milling head ER 20 AX UT</b>    |                        |
|    | 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                    |
| <b>8 010 44 092</b>                                                                 | <b>Axial drilling and milling head ER 20 AX UT IC</b> |                        |
|    | 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                     |
| <b>8 010 44 093</b>                                                                 | <b>Axial drilling and milling head ER 20 AX UT IC</b> |                        |
|  | 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        |
| <b>8 010 45 081</b>                                                                 | <b>Axial drilling and milling head Weldon 16</b>      |                        |
|  | 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          |



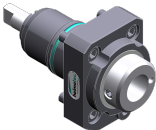
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                |                        |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------|
| <b>8 010 45 082</b>                                                                 | <b>Axial drilling and milling head Weldon 16 IC</b> |                        |
|                                                                                     | 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          |
| <b>8 010 45 160</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT</b>  |                        |
|                                                                                     | 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       |
| <b>8 010 45 170</b>                                                                 | <b>Axial drilling and milling head ER 25 IC</b>     |                        |
|  | 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          |
| <b>8 010 45 191</b>                                                                 | <b>Axial milling and drill holder ER 25 AX UT</b>   |                        |
|                                                                                     | 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                                                  |                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|
| <b>8 010 45 192</b>                                                                 | <b>Axial milling and drill holder ER 25 AX UT IC</b>  |                                |
|    | 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                  |
| <b>8 010 45 193</b>                                                                 | <b>Axial milling and drill holder ER 25 AX UT IC</b>  |                                |
|    | 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 |
| <b>8 010 45 208</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT</b>    |                                |
|  | 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                            |
| <b>8 010 45 209</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT IC</b> |                                |
|  | 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                             |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                  |                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------|
| <b>8 010 45 210</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT IC</b> |                        |
|    | 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        |
| <b>8 010 46 149</b>                                                                 | <b>Axial drilling and milling head HT 4 IC</b>        |                        |
|    | 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          |
| <b>8 010 46 277</b>                                                                 | <b>Axial drilling and milling head HT 4 IC</b>        |                        |
|  | 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       |
| <b>8 010 46 323</b>                                                                 | <b>Axial drilling and milling head Weldon 20</b>      |                        |
|  | 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                    |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                           |                                |
|-------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|
| <b>8 011 44 017</b>                                                                 | <b>Axial milling head universal arbor 16</b>   |                                |
|    | 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                  |
| <b>8 011 44 018</b>                                                                 | <b>Axial milling head universal arbor 3/4"</b> |                                |
|    | 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                  |
| <b>8 011 45 024</b>                                                                 | <b>Axial milling head universal arbor 22</b>   |                                |
|  | 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                  |
| <b>8 011 45 033</b>                                                                 | <b>Axial milling head universal arbor 1"</b>   |                                |
|                                                                                     | 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                  |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                            | Name                                                  |                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|
| <b>8 013 43 001</b>                                                               | <b>Axial drilling and milling head ER 11</b>          |                         |
|  | 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                     |
| <b>8 013 44 002</b>                                                               | <b>Axial drilling and milling head ER 16 AX UT</b>    |                         |
|  | 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                     |
| <b>8 013 44 003</b>                                                               | <b>Axial drilling and milling head ER 16 AX UT IC</b> |                         |
|                                                                                   | 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                      |
| <b>8 019 44 014</b>                                                               | <b>Axial drilling and milling head ER 16</b>          |                         |
|                                                                                   | 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                    |

## WT-100 oberer Revolver (24 Stationen)

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



## WT-100 oberer Revolver (24 Stationen)

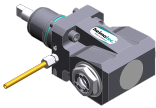
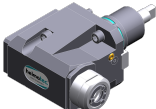
| Part-#              | Name                                                  |                         |
|---------------------|-------------------------------------------------------|-------------------------|
|                     | Please note:                                          | 180° reversible         |
|                     | Offset [mm]:                                          | 34,5                    |
| <b>8 019 44 108</b> | <b>Axial drilling and milling head ER 16 AX UT</b>    |                         |
|                     | 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                    |
| <b>8 019 44 109</b> | <b>Axial drilling and milling head ER 16 AX UT IC</b> |                         |
|                     | Weight [kg]:                                          | 4.450                   |
|                     | Notation:                                             | offset                  |
|                     | Tool drive:                                           | Flat (~DIN 1809)        |
|                     | Shank size [mm]:                                      | 44.00                   |
|                     | Shank type:                                           | BMT                     |
|                     | Tool adaption:                                        | ER 16 A - u-tec         |
|                     | Gear ratio [i]:                                       | 1:1                     |
|                     | Torque max [Nm]:                                      | 16                      |
|                     | Rotation max [1/min]:                                 | 8000                    |
|                     | Rotating direction:                                   | opposite                |
|                     | Coolant:                                              | IC/Ext                  |
|                     | Pressure max [bar]:                                   | 140                     |
|                     | Please note:                                          | 180° reversible         |
|                     | Offset [mm]:                                          | 34,5                    |
| <b>8 019 44 124</b> | <b>Axial drilling and milling head ER 16 AX UT IC</b> |                         |
|                     | 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                    |
| <b>8 019 44 136</b> | <b>Axial drilling and milling head ER 20 AX UT</b>    |                         |
|                     | 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                     |



## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                            | Name                                                |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|
|                                                                                   | 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                    |
| <b>8 019 44 138</b>                                                               | <b>Axial drilling and milling head ER 16 AX UT</b>  |                         |
|  | 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                    |
| <b>8 030 44 060</b>                                                               | <b>Angle-mill- and drill holder ER 16 AX UT IC</b>  |                         |
|                                                                                   | 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                      |
|                                                                                   | Rotation max [1/min]:                               | 6000                    |
|                                                                                   | Rotating direction:                                 | opposite                |
|                                                                                   | Coolant:                                            | IC/Ext                  |
|                                                                                   | Pressure max [bar]:                                 | 140                     |
|                                                                                   | Please note:                                        | Combi bearing           |
|                                                                                   | Center distance [mm]:                               | 60                      |
| <b>8 030 44 065</b>                                                               | <b>Radial drilling and milling head ER 16 AX UT</b> |                         |
|                                                                                   | 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                    |

## WT-100 oberer Revolver (24 Stationen)

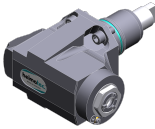
| Part-#                                                                              | Name                                                   |                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|------------------|
| <b>8 030 44 067</b>                                                                 | <b>Angle-mill- and drill holder ER 20 AX UT</b>        |                  |
|    | 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               |
| <b>8 030 44 068</b>                                                                 | <b>Angle-mill- and drill holder ER 20 AX UT IC</b>     |                  |
|                                                                                     | 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               |
| <b>8 030 44 069</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT</b>    |                  |
|  | 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             |
| <b>8 030 44 070</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT IC</b> |                  |
|                                                                                     | 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             |

## WT-100 oberer Revolver (24 Stationen)

| Part-#              | Name                                                   |                                         |
|---------------------|--------------------------------------------------------|-----------------------------------------|
|                     | Coolant:                                               | IC/Ext                                  |
|                     | Pressure max [bar]:                                    | 140                                     |
|                     | Please note:                                           | stronger bearing                        |
|                     | Center distance [mm]:                                  | 68,5                                    |
| <b>8 030 44 083</b> | <b>Radial drilling and milling head ER 16 AX UT</b>    |                                         |
|                     | 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                                      |
| <b>8 030 44 172</b> | <b>Radial drilling and milling head ER 16 AX UT</b>    |                                         |
|                     | 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                                     |
|                     | Center distance [mm]:                                  | 68,5                                    |
| <b>8 030 44 173</b> | <b>Radial drilling and milling head ER 16 AX UT IC</b> |                                         |
|                     | 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                                    |
| <b>8 030 44 179</b> | <b>Radial drilling and milling head ER 16 AX UT</b>    |                                         |
|                     | 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                                     |



## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                   |                                         |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------|
|                                                                                     | Torque max [Nm]:                                       | 5                                       |
|                                                                                     | Rotation max [1/min]:                                  | 24000                                   |
|                                                                                     | Rotating direction:                                    | opposite                                |
|                                                                                     | Coolant:                                               | EXT                                     |
|                                                                                     | Center distance [mm]:                                  | 60                                      |
| <b>8 030 44 180</b>                                                                 | <b>Radial drilling and milling head ER 16 AX UT IC</b> |                                         |
|    | 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                                      |
| <b>8 030 44 214</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT</b>    |                                         |
|                                                                                     | Weight [kg]:                                           | 4.750                                   |
|                                                                                     | Notation:                                              | 180° reversible                         |
|                                                                                     | Tool drive:                                            | Flat (~DIN 1809)                        |
|                                                                                     | Shank size [mm]:                                       | 44.00                                   |
|                                                                                     | Shank type:                                            | BMT                                     |
|                                                                                     | Tool adaption:                                         | ER 20 A - u-tec                         |
|                                                                                     | Gear ratio [i]:                                        | 1:2                                     |
|                                                                                     | Torque max [Nm]:                                       | 8                                       |
|                                                                                     | Rotation max [1/min]:                                  | 12000                                   |
|                                                                                     | Rotating direction:                                    | same                                    |
|                                                                                     | Coolant:                                               | EXT                                     |
|                                                                                     | Please note:                                           | stronger bearing; check applicability ! |
|                                                                                     | Center distance [mm]:                                  | 75                                      |
| <b>8 030 44 225</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT</b>    |                                         |
|  | 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                                      |
| <b>8 030 44 226</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT IC</b> |                                         |
|                                                                                     | 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                         |

## WT-100 oberer Revolver (24 Stationen)

| 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               |
| <b>8 030 44 237</b>                                                                 | <b>Angle-mill- and drill holder ER 20 AX UT</b>     |                  |
|    | 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               |
| <b>8 030 44 238</b>                                                                 | <b>Angle-mill- and drill holder ER 20 AX UT IC</b>  |                  |
|  | Notation:                                           | 180° reversible  |
|                                                                                     | Tool drive:                                         | Flat (~DIN 1809) |
|                                                                                     | Shank size [mm]:                                    | 44.00            |
|                                                                                     | Shank type:                                         | BMT              |
|                                                                                     | Tool adaption:                                      | ER 20 A - u-tec  |
|                                                                                     | Gear ratio [i]:                                     | 1:1              |
|                                                                                     | Torque max [Nm]:                                    | 32               |
|                                                                                     | Rotation max [1/min]:                               | 8000             |
|                                                                                     | Rotating direction:                                 | opposite         |
|                                                                                     | Coolant:                                            | IC/Ext           |
|                                                                                     | Pressure max [bar]:                                 | 140              |
|                                                                                     | Please note:                                        | Combi bearing    |
|                                                                                     | Center distance [mm]:                               | 60               |
| <b>8 030 45 158</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT</b> |                  |
|                                                                                     | 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               |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                   |                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------|
| <b>8 030 45 218</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT IC</b> |                                        |
|                                                                                     | 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                                     |
| <b>8 030 45 326</b>                                                                 | <b>Radial drilling and milling head C 3 IC</b>         |                                        |
|   | 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                                     |
| <b>8 030 45 328</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT IC</b> |                                        |
|                                                                                     | 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                                     |
| <b>8 030 45 540</b>                                                                 | <b>Angle-mill- and drill holder ER 25 AX UT</b>        |                                        |
|  | Weight [kg]:                                           | 4.190                                  |
|                                                                                     | 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                                     |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                   |                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------|
|                                                                                     | Rotation max [1/min]:                                  | 8000                               |
|                                                                                     | Rotating direction:                                    | opposite                           |
|                                                                                     | Coolant:                                               | EXT                                |
|                                                                                     | Please note:                                           | Combi bearing                      |
|                                                                                     | Center distance [mm]:                                  | 60                                 |
| <b>8 030 45 560</b>                                                                 | <b>Radial drilling and milling head Weldon 3/4"</b>    |                                    |
|                                                                                     | 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                                 |
| <b>8 030 45 574</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT</b>    |                                    |
|  | 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                                 |
| <b>8 030 45 575</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT IC</b> |                                    |
|  | 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                             |
|                                                                                     | Pressure max [bar]:                                    | 140                                |
|                                                                                     | Center distance [mm]:                                  | 60                                 |
| <b>8 030 45 609</b>                                                                 | <b>Angle-mill- and drill holder ER 25 AX UT</b>        |                                    |
|  | 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                    |



## WT-100 oberer Revolver (24 Stationen)

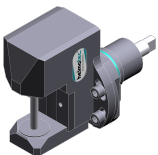
| Part-#                                                                              | Name                                               |                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------|
|                                                                                     | Gear ratio [i]:                                    | 1:1              |
|                                                                                     | Torque max [Nm]:                                   | 32               |
|                                                                                     | Rotation max [1/min]:                              | 8000             |
|                                                                                     | Rotating direction:                                | opposite         |
|                                                                                     | Coolant:                                           | EXT              |
|                                                                                     | Please note:                                       | Combi bearing    |
|                                                                                     | Center distance [mm]:                              | 60               |
| <b>8 030 45 610</b>                                                                 | <b>Angle-mill- and drill holder ER 25 AX UT IC</b> |                  |
|    | 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               |
| <b>8 030 46 266</b>                                                                 | <b>Radial drilling and milling head HT 4</b>       |                  |
|  | 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               |
| <b>8 030 46 267</b>                                                                 | <b>Radial drilling and milling head HT 4 IC</b>    |                  |
|  | Weight [kg]:                                       | 4.250            |
|                                                                                     | 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:                                           | IC/Ext           |
|                                                                                     | Pressure max [bar]:                                | 140              |
|                                                                                     | Center distance [mm]:                              | 60               |

## WT-100 oberer Revolver (24 Stationen)

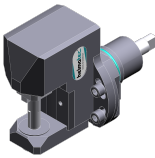
| Part-#              | Name                                            |
|---------------------|-------------------------------------------------|
| <b>8 030 46 337</b> | <b>Radial drilling and milling head HT 4 IC</b> |
|                     | Weight [kg]: 4.310                              |
|                     | 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                        |
| <b>8 030 46 503</b> | <b>Radial drilling and milling head HT 4</b>    |
|                     | Weight [kg]: 3.540                              |
|                     | 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]: 8000                      |
|                     | Rotating direction: opposite                    |
|                     | Coolant: EXT                                    |
|                     | Please note: stronger bearing                   |
|                     | Center distance [mm]: 60                        |
| <b>8 030 46 504</b> | <b>Radial drilling and milling head HT 4 IC</b> |
|                     | Weight [kg]: 3.790                              |
|                     | 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]: 8000                      |
|                     | Rotating direction: opposite                    |
|                     | Coolant: IC/Ext                                 |
|                     | Pressure max [bar]: 140                         |
|                     | Please note: stronger bearing                   |
|                     | Center distance [mm]: 60                        |
| <b>8 031 40 000</b> | <b>Radial milling head arbor 5</b>              |
|                     | 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                      |

## WT-100 oberer Revolver (24 Stationen)

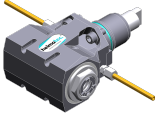
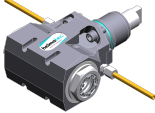
| Part-#              | Name                                          |                            |
|---------------------|-----------------------------------------------|----------------------------|
|                     | Rotating direction:                           | opposite                   |
|                     | Coolant:                                      | EXT                        |
|                     | Please note:                                  | with interchangeable arbor |
|                     | Center distance [mm]:                         | 60                         |
| <b>8 031 44 032</b> | <b>Radial polygon head arbor 16</b>           |                            |
|                     | 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                         |
| <b>8 031 44 046</b> | <b>Radial polygon head arbor 16</b>           |                            |
|                     | 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                         |
| <b>8 031 45 040</b> | <b>Radial milling head universal arbor 22</b> |                            |
|                     | 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                         |
| <b>8 037 41 000</b> | <b>Radial disk mill head arbor 8</b>          |                            |
|                     | 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                       |



## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                             | Name                                                |                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------|------------------|
|                                                                                    | Rotating direction:                                 | opposite         |
|                                                                                    | Coolant:                                            | no               |
|                                                                                    | Center distance [mm]:                               | 78               |
| <b>8 037 42 000</b>                                                                | <b>Radial disk mill head arbor 10</b>               |                  |
|                                                                                    | 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               |
| <b>8 037 43 003</b>                                                                | <b>Radial disk mill head arbor 13</b>               |                  |
|  | 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               |
| <b>8 037 44 012</b>                                                                | <b>Radial disk mill head arbor 16</b>               |                  |
|                                                                                    | 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               |
| <b>8 039 44 032</b>                                                                | <b>Radial drilling and milling head ER 16 AX UT</b> |                  |
|                                                                                    | 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               |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                |                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------|
| <b>8 039 44 058</b>                                                                 | <b>Radial drilling and milling head ER 16 AX UT</b> |                       |
|                                                                                     | 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                  |
| <b>8 039 44 059</b>                                                                 | <b>Radial drilling and milling head ER 16 AX UT</b> |                       |
|                                                                                     | Weight [kg]:                                        | 4.660                 |
|                                                                                     | Notation:                                           | 180° reversible       |
|                                                                                     | Employment for:                                     | Main- and sub spindle |
|                                                                                     | Version:                                            | double spindle        |
|                                                                                     | Tool drive:                                         | Flat (~DIN 1809)      |
|                                                                                     | Shank size [mm]:                                    | 44.00                 |
|                                                                                     | Shank type:                                         | BMT                   |
|                                                                                     | Tool adaption:                                      | ER 16 A - u-tec       |
|                                                                                     | Gear ratio [i]:                                     | 1:3                   |
|                                                                                     | Torque max [Nm]:                                    | 6                     |
|                                                                                     | Rotation max [1/min]:                               | 20000                 |
|                                                                                     | Rotating direction:                                 | same/opposite         |
|                                                                                     | Coolant:                                            | EXT                   |
|                                                                                     | Please note:                                        | stronger bearing      |
|                                                                                     | Center distance [mm]:                               | 68,5                  |
| <b>8 039 44 094</b>                                                                 | <b>Radial drilling and milling head ER 20 AX UT</b> |                       |
|  | 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                    |
| <b>8 039 45 009</b>                                                                 | <b>Radial drilling and milling head ER 25 AX UT</b> |                       |
|  | Weight [kg]:                                        | 4.080                 |
|                                                                                     | Notation:                                           | 180° reversible       |
|                                                                                     | Version:                                            | double spindle        |
|                                                                                     | Tool drive:                                         | Flat (~DIN 1809)      |
|                                                                                     | Shank size [mm]:                                    | 44.00                 |
|                                                                                     | Shank type:                                         | BMT                   |

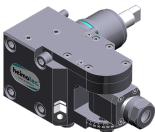
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                               |                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------|
|                                                                                     | 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               |
| <b>8 040 43 003</b>                                                                 | <b>Universal head ± 90° adjustable ER 11 AX</b>    |                  |
|                                                                                     | 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               |
| <b>8 040 44 025</b>                                                                 | <b>Universal head ± 90° adjustable HT 2</b>        |                  |
|                                                                                     | 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               |
| <b>8 040 44 031</b>                                                                 | <b>Universal head ± 90° adjustable ER 16</b>       |                  |
|  | 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               |
| <b>8 040 44 110</b>                                                                 | <b>Universal head ± 90° adjustable ER 16 AX UT</b> |                  |
|  | 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            |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                                                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------|
|                                                                                     | Rotating direction:                                                       | same             |
|                                                                                     | Coolant:                                                                  | EXT              |
|                                                                                     | Center distance [mm]:                                                     | 58               |
| <b>8 040 44 111</b>                                                                 | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |                  |
|    | 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               |
| <b>8 040 44 116</b>                                                                 | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>    |                  |
|   | 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               |
| <b>8 040 44 117</b>                                                                 | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |                  |
|  | 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               |
| <b>8 043 43 000</b>                                                                 | <b>Universal head <math>+ 90^\circ</math> adj. ER11 AX</b>                |                  |
|                                                                                     | 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  |

## WT-100 oberer Revolver (24 Stationen)

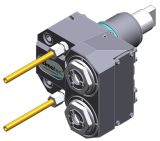
| Part-#                                                                              | Name                                            |                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------|
|                                                                                     | Center distance [mm]:                           | 25                      |
|                                                                                     | Offset [mm]:                                    | 72                      |
| <b>8 043 43 001</b>                                                                 | <b>Universal head +155° adj. ER11 AX</b>        |                         |
|                                                                                     | 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                      |
| <b>8 043 43 004</b>                                                                 | <b>Universal head +155° adj. ER11 AX IC</b>     |                         |
|                                                                                     | 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                      |
|                                                                                     | Offset [mm]:                                    | 74                      |
| <b>8 043 44 001</b>                                                                 | <b>Universal head + 90° adjustable ER 16</b>    |                         |
|  | 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                      |
| <b>8 043 44 051</b>                                                                 | <b>Universal head + 60°/- 5° adj. ER16AX UT</b> |                         |
|  | 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         |



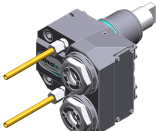
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                            | Name                                              |                                  |
|-----------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------|
|                                                                                   | Gear ratio [i]:                                   | 1:1                              |
|                                                                                   | Torque max [Nm]:                                  | 16                               |
|                                                                                   | Rotation max [1/min]:                             | 12000                            |
|                                                                                   | Rotating direction:                               | opposite                         |
|                                                                                   | Coolant:                                          | EXT                              |
|                                                                                   | Please note:                                      | 180° reversible                  |
|                                                                                   | Center distance [mm]:                             | 25                               |
|                                                                                   | Offset [mm]:                                      | 50                               |
| <b>8 043 44 052</b>                                                               | <b>Universal head + 60°/- 5° adj. ER16AX UTIK</b> |                                  |
|  | 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                               |
| <b>8 050 44 010</b>                                                               | <b>Multispindle drilling head ER 16 AX UT</b>     |                                  |
|                                                                                   | 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 |
| <b>8 050 44 011</b>                                                               | <b>Multispindle drilling head ER 16 AX UT</b>     |                                  |
|                                                                                   | 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                               |

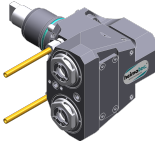
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                             |                             |
|-------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------|
| <b>8 050 44 018</b>                                                                 | <b>Multispindle drilling head ER 16 AX UT</b>    |                             |
|                                                                                     | 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                          |
| <b>8 050 44 021</b>                                                                 | <b>Multispindle drilling head ER 16 AX UT</b>    |                             |
|                                                                                     | 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                          |
| <b>8 050 44 024</b>                                                                 | <b>Multispindle drilling head ER 16 AX UT IC</b> |                             |
|                                                                                     | 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                          |
| <b>8 050 44 069</b>                                                                 | <b>Multispindle drilling head ER 16 AX UT</b>    |                             |
|  | 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                         |

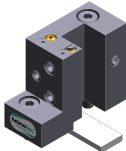
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                             |                         |
|-------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------|
|                                                                                     | Pressure max [bar]:                              | 140                     |
|                                                                                     | Offset [mm]:                                     | 50                      |
| <b>8 050 44 070</b>                                                                 | <b>Multispindle drilling head ER 16 AX UT IC</b> |                         |
|    | 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                      |
| <b>8 050 44 071</b>                                                                 | <b>Multispindle drilling head ER 20 AX UT</b>    |                         |
|   | 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                    |
|                                                                                     | Coolant:                                         | EXT                     |
|                                                                                     | Pressure max [bar]:                              | 140                     |
|                                                                                     | Offset [mm]:                                     | 50                      |
| <b>8 053 44 068</b>                                                                 | <b>Multispindle radial head ER 16 AX UT</b>      |                         |
|  | 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                      |
| <b>8 053 44 069</b>                                                                 | <b>Multispindle radial head ER 16 AX UTIK</b>    |                         |
|  | 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                     |

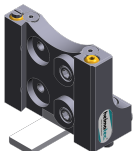
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                          |                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
|                                                                                     | Torque max [Nm]:                              | 32/Sp                           |
|                                                                                     | Rotation max [1/min]:                         | 12000                           |
|                                                                                     | Rotating direction:                           | same                            |
|                                                                                     | Coolant:                                      | IC/Ext                          |
|                                                                                     | Pressure max [bar]:                           | 140                             |
|                                                                                     | Center distance [mm]:                         | 60                              |
| <b>8 053 44 070</b>                                                                 | <b>Multispindle radial head ER 16 AX UT</b>   |                                 |
|    | 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                              |
| <b>8 053 44 071</b>                                                                 | <b>Multispindle radial head ER 16 AX UTIK</b> |                                 |
|  | 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                              |
| <b>8 068 44 000</b>                                                                 | <b>Radial whirling unit HW 46</b>             |                                 |
|  | 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                              |
| <b>8 200 03 011</b>                                                                 | <b>Cover plate</b>                            |                                 |
|                                                                                     | Weight [kg]:                                  | 0.214                           |
|                                                                                     | Shank type:                                   | BMT                             |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                        |                          |
|-------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|
| <b>8 202 10 005</b>                                                                 | <b>Basic holder longitudinal seat FN 12</b> |                          |
|    | Weight [kg]:                                | 0.720                    |
|                                                                                     | Notation:                                   | 180° reversible          |
|                                                                                     | Shank type:                                 | BMT                      |
|                                                                                     | Machine adaption:                           | Centering key b 20       |
|                                                                                     | Tool adaption:                              | Interface FN 12          |
|                                                                                     | Coolant:                                    | EXT                      |
| <b>8 208 49 002</b>                                                                 | <b>Test mandrel BMT 44</b>                  |                          |
|                                                                                     | Weight [kg]:                                | 2.580                    |
|                                                                                     | Shank size [mm]:                            | 44.00                    |
|                                                                                     | Shank type:                                 | BMT                      |
| <b>8 209 48 001</b>                                                                 | <b>Adapter for sensor Renishaw RLP</b>      |                          |
|                                                                                     | Weight [kg]:                                | 0.980                    |
|                                                                                     | Notation:                                   | 180° reversible          |
|                                                                                     | Shank size [mm]:                            | 44.00                    |
|                                                                                     | Shank type:                                 | BMT                      |
|                                                                                     | Coolant:                                    | no                       |
| <b>8 224 11 012</b>                                                                 | <b>Cut-off holder sq. 20</b>                |                          |
|   | 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                      |
| <b>8 224 11 013</b>                                                                 | <b>Cut-off holder sq. 20</b>                |                          |
|  | 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                      |
| <b>8 224 11 014</b>                                                                 | <b>Turning holder sq. 3/4"</b>              |                          |
|                                                                                     | 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                      |
| <b>8 224 11 015</b>                                                                 | <b>Cut-off holder sq. 3/4"</b>              |                          |
|                                                                                     | 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                      |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                     |                             |
|-------------------------------------------------------------------------------------|------------------------------------------|-----------------------------|
| <b>8 224 12 008</b>                                                                 | <b>Cut-off holder SH 26</b>              |                             |
|                                                                                     | 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                         |
| <b>8 224 12 009</b>                                                                 | <b>Cut-off holder SH 26</b>              |                             |
|    | 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                         |
| <b>8 224 13 006</b>                                                                 | <b>Cut-off holder SH 32</b>              |                             |
|   | 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                         |
| <b>8 224 14 007</b>                                                                 | <b>Universal turning holder sq. 20</b>   |                             |
|  | Weight [kg]:                             | 2.030                       |
|                                                                                     | Notation:                                | 180° reversible             |
|                                                                                     | Shank type:                              | BMT                         |
|                                                                                     | Machine adaption:                        | Centering key b 20          |
|                                                                                     | Tool adaption:                           | Sq. 20                      |
|                                                                                     |                                          | Sq. 20                      |
|                                                                                     | Coolant:                                 | EXT                         |
| <b>8 224 14 008</b>                                                                 | <b>Universal turning holder sq. 3/4"</b> |                             |
|                                                                                     | Weight [kg]:                             | 1.970                       |
|                                                                                     | Notation:                                | 180° reversible             |
|                                                                                     | Shank type:                              | BMT                         |
|                                                                                     | Machine adaption:                        | Centering key b 20          |
|                                                                                     | Tool adaption:                           | Sq. 3/4" (19,05mm)          |
|                                                                                     |                                          | Sq. 3/4" (19,05mm)          |
|                                                                                     | Coolant:                                 | EXT                         |
| <b>8 224 14 017</b>                                                                 | <b>Universal turning holder sq. 20</b>   |                             |
|  | Notation:                                | 180° reversible             |
|                                                                                     | Version:                                 | short                       |
|                                                                                     | Shank type:                              | BMT                         |
|                                                                                     | Machine adaption:                        | Centering key b 20          |
|                                                                                     | Tool adaption:                           | Sq. 20                      |
|                                                                                     |                                          | Sq. 20                      |
|                                                                                     | Coolant:                                 | EXT                         |

## WT-100 oberer Revolver (24 Stationen)

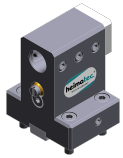
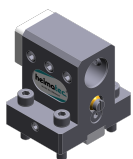
| Part-#                                                                              | Name                                        |                          |
|-------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|
| <b>8 224 14 024</b>                                                                 | <b>Universal turning holder sq. 20 IC</b>   |                          |
|    | Weight [kg]:                                | 1.970                    |
|                                                                                     | Notation:                                   | 180° reversible          |
|                                                                                     | Shank type:                                 | BMT                      |
|                                                                                     | Machine adaption:                           | Centering key b 20       |
|                                                                                     | Tool adaption:                              | Sq. 20                   |
|                                                                                     |                                             | Sq. 20                   |
|                                                                                     | Coolant:                                    | IC/Ext                   |
|                                                                                     | Pressure max [bar]:                         | 100                      |
|                                                                                     | Please note:                                | Key rail                 |
| <b>8 224 14 030</b>                                                                 | <b>Universal turning holder sq. 3/4" IC</b> |                          |
|                                                                                     | Weight [kg]:                                | 1.700                    |
|                                                                                     | Notation:                                   | 180° reversible          |
|                                                                                     | Shank type:                                 | BMT                      |
|                                                                                     | Machine adaption:                           | Centering key b 20       |
|                                                                                     | Tool adaption:                              | Sq. 3/4" (19,05mm)       |
|                                                                                     |                                             | Sq. 3/4" (19,05mm)       |
|                                                                                     | Coolant:                                    | IC/Ext                   |
|                                                                                     | Pressure max [bar]:                         | 100                      |
|                                                                                     | Please note:                                | Key rail                 |
| <b>8 225 11 006</b>                                                                 | <b>Cut-off holder sq. 20</b>                |                          |
|  | 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                      |
| <b>8 225 11 007</b>                                                                 | <b>Cut-off holder sq. 20</b>                |                          |
|                                                                                     | 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                      |
| <b>8 225 11 008</b>                                                                 | <b>Cut-off holder sq. 3/4"</b>              |                          |
|                                                                                     | 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                      |
| <b>8 229 15 006</b>                                                                 | <b>Tool holder C 3 IC</b>                   |                          |
|  | 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   |

## WT-100 oberer Revolver (24 Stationen)

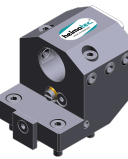
| Part-#                                                                              | Name                                   |                                         |
|-------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|
|                                                                                     | Coolant:                               | IC                                      |
|                                                                                     | Please note:                           | Check applicability, tool length check! |
|                                                                                     | Offset [mm]:                           | 45                                      |
| <b>8 240 15 007</b>                                                                 | <b>Insert drill holder 16 IC</b>       |                                         |
|                                                                                     | Weight [kg]:                           | 4.540                                   |
|                                                                                     | Notation:                              | 180° reversible                         |
|                                                                                     | Shank type:                            | BMT                                     |
|                                                                                     | Tool adaption:                         | Whistle-Notch (DIN 1835 E) 16           |
|                                                                                     | Coolant:                               | IC                                      |
|                                                                                     | Center distance [mm]:                  | 75                                      |
| <b>8 240 15 011</b>                                                                 | <b>Collet chuck holder ER 25</b>       |                                         |
|    | Weight [kg]:                           | 1.910                                   |
|                                                                                     | Notation:                              | 180° reversible                         |
|                                                                                     | Shank type:                            | BMT                                     |
|                                                                                     | Machine adaption:                      | Centering key b 20                      |
|                                                                                     | Tool adaption:                         | ER 25                                   |
|                                                                                     | Coolant:                               | IC/Ext                                  |
|                                                                                     | Center distance [mm]:                  | 60                                      |
| <b>8 240 15 024</b>                                                                 | <b>Collet chuck holder ER 25 AX UT</b> |                                         |
|                                                                                     | 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                                      |
| <b>8 240 15 025</b>                                                                 | <b>Collet chuck holder ER 25 AX UT</b> |                                         |
|  | 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                                      |
| <b>8 240 15 042</b>                                                                 | <b>Tool holder C 3 IC</b>              |                                         |
|                                                                                     | 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                                      |
| <b>8 240 15 043</b>                                                                 | <b>Tool holder C 3 IC</b>              |                                         |
|  | 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                  |



## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                          |                                        |
|-------------------------------------------------------------------------------------|-------------------------------|----------------------------------------|
|                                                                                     | Coolant:                      | IC                                     |
|                                                                                     | Please note:                  | Check applicability; note tool length  |
|                                                                                     | Center distance [mm]:         | 70                                     |
| <b>8 240 16 007</b>                                                                 | <b>Boring bar holder Ø 20</b> |                                        |
|    | 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                                     |
| <b>8 240 16 068</b>                                                                 | <b>Tool holder C 4 IC</b>     |                                        |
|    | 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                                     |
| <b>8 240 17 009</b>                                                                 | <b>Boring bar holder Ø 25</b> |                                        |
|  | Weight [kg]:                  | 1.740                                  |
|                                                                                     | Machine adaption:             | Centering key b 20                     |
|                                                                                     | Tool adaption:                | Ø 25                                   |
|                                                                                     | Coolant:                      | IC/Ext                                 |
|                                                                                     | Center distance [mm]:         | 60                                     |
| <b>8 240 17 020</b>                                                                 | <b>Boring bar holder Ø 25</b> |                                        |
|  | 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                                     |
| <b>8 240 17 029</b>                                                                 | <b>Boring bar holder Ø 1"</b> |                                        |
|                                                                                     | 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                                     |

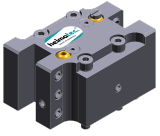
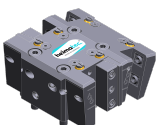
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                               |                                |
|-------------------------------------------------------------------------------------|------------------------------------|--------------------------------|
| <b>8 240 17 083</b>                                                                 | <b>Boring bar holder Ø 25</b>      |                                |
|                                                                                     | 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                             |
| <b>8 240 17 086</b>                                                                 | <b>Boring bar holder Ø 25</b>      |                                |
|    | 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 |
|                                                                                     | Center distance [mm]:              | 75                             |
| <b>8 240 18 025</b>                                                                 | <b>Boring bar holder Ø 32</b>      |                                |
|  | 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                         |
|                                                                                     | Please note:                       | Tool adaption to turret center |
|                                                                                     | Center distance [mm]:              | 75                             |
| <b>8 240 18 027</b>                                                                 | <b>Boring bar holder Ø 32</b>      |                                |
|  | 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                             |
| <b>8 240 18 048</b>                                                                 | <b>Boring bar holder Ø 1 1/4 "</b> |                                |
|  | 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                         |
|                                                                                     | Please note:                       | Tool holder on turret center   |
|                                                                                     | Center distance [mm]:              | 60                             |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                          |                                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------|
| <b>8 240 18 052</b>                                                                 | <b>Boring bar holder Ø 1 1/4 "</b>            |                                         |
|    | 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                                      |
| <b>8 240 18 076</b>                                                                 | <b>Boring bar holder Ø 32</b>                 |                                         |
|    | 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          |
|                                                                                     | Center distance [mm]:                         | 75                                      |
| <b>8 244 11 003</b>                                                                 | <b>Facing holder sq. 20</b>                   |                                         |
|  | Weight [kg]:                                  | 2.550                                   |
|                                                                                     | Notation:                                     | 180° reversible                         |
|                                                                                     | Shank type:                                   | BMT                                     |
|                                                                                     | Machine adaption:                             | Centering key b 20                      |
|                                                                                     | Tool adaption:                                | Sq. 20                                  |
|                                                                                     | Coolant:                                      | EXT                                     |
| <b>8 244 11 006</b>                                                                 | <b>Facing holder sq. 3/4"</b>                 |                                         |
|  | 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                                     |
| <b>8 249 15 008</b>                                                                 | <b>Double collet chuck holder ER 25 AX UT</b> |                                         |
|  | 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                                      |
| <b>8 249 15 014</b>                                                                 | <b>Double tool holder C 3 IC</b>              |                                         |
|                                                                                     | Weight [kg]:                                  | 3.500                                   |
|                                                                                     | Notation:                                     | 180° reversible                         |
|                                                                                     | Employment for:                               | Main- and sub spindle                   |
|                                                                                     | Shank type:                                   | BMT                                     |
|                                                                                     | Machine adaption:                             | Centering key b 20                      |
|                                                                                     | Tool adaption:                                | heimatec Capto(TM) C 3                  |
|                                                                                     |                                               | heimatec Capto(TM) C 3                  |
|                                                                                     | Coolant:                                      | IC                                      |
|                                                                                     | Please note:                                  | Check applicability!; note tool length! |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                                     | Name                                        |                       |
|--------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------|
|                                                                                            | Center distance [mm]:                       | 70                    |
| <b>8 251 11 004</b>                                                                        | <b>Double turning holder sq. 20</b>         |                       |
|           | Weight [kg]:                                | 3.250                 |
|                                                                                            | Notation:                                   | 180° reversible       |
|                                                                                            | Employment for:                             | right cutting tools   |
|                                                                                            | Shank type:                                 | BMT                   |
|                                                                                            | Machine adaption:                           | Centering key b 20    |
|                                                                                            | Tool adaption:                              | Sq. 20                |
|                                                                                            |                                             | Sq. 20                |
|                                                                                            | Coolant:                                    | EXT                   |
| <b>8 251 11 005</b>                                                                        | <b>Double turning holder sq. 16</b>         |                       |
|                                                                                            | Weight [kg]:                                | 3.360                 |
|                                                                                            | Notation:                                   | 180° reversible       |
|                                                                                            | Shank type:                                 | BMT                   |
|                                                                                            | Machine adaption:                           | Centering key b 20    |
|                                                                                            | Tool adaption:                              | Sq. 16                |
|                                                                                            | Coolant:                                    | EXT                   |
| <b>8 251 11 008</b>                                                                        | <b>Double turning holder sq. 3/4"</b>       |                       |
|                                                                                            | Weight [kg]:                                | 3.240                 |
|                                                                                            | Notation:                                   | 180° reversible       |
|                                                                                            | Employment for:                             | right cutting tools   |
|                                                                                            | Shank type:                                 | BMT                   |
|                                                                                            | Machine adaption:                           | Centering key b 20    |
|                                                                                            | Tool adaption:                              | Sq. 3/4" (19,05mm)    |
|                                                                                            |                                             | Sq. 3/4" (19,05mm)    |
|                                                                                            | Coolant:                                    | EXT                   |
| <b>8 251 13 020</b>                                                                        | <b>Combi multiple holder 3x sq. 3/4" IC</b> |                       |
|  | Weight [kg]:                                | 2.280                 |
|                                                                                            | Shank type:                                 | BMT                   |
|                                                                                            | Machine adaption:                           | Centering key b 20    |
|                                                                                            | Tool adaption:                              | Sq. 3/4" (19,05mm)    |
|                                                                                            |                                             | Sq. 3/4" (19,05mm)    |
|                                                                                            | Coolant:                                    | IC/Ext                |
|                                                                                            | Pressure max [bar]:                         | 100                   |
|                                                                                            | Please note:                                | Key rail              |
| <b>8 251 13 025</b>                                                                        | <b>Combi multiple holder 3x sq. 3/4"</b>    |                       |
|         | 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)    |
|                                                                                            |                                             | Sq. 3/4" (19,05mm)    |
|                                                                                            | Coolant:                                    | EXT                   |
| <b>8 251 13 026</b>                                                                        | <b>Combi multiple holder 6x sq. 3/4" IC</b> |                       |
|  | Weight [kg]:                                | 3.400                 |
|                                                                                            | Employment for:                             | Main- and sub spindle |
|                                                                                            | Shank type:                                 | BMT                   |
|                                                                                            | Machine adaption:                           | Centering key b 20    |
|                                                                                            | Tool adaption:                              | Sq. 3/4"              |
|                                                                                            |                                             | Sq. 3/4"              |

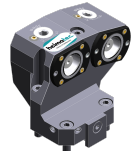
## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                      |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                     | Coolant:                                  | Sq. 3/4"                                                                             |
|                                                                                     | Pressure max [bar]:                       | Sq. 3/4"                                                                             |
|                                                                                     | Please note:                              | IC/Ext<br>100<br>Key rail                                                            |
| <b>8 251 14 008</b>                                                                 | <b>Combi multiple holder 6x sq. 20</b>    |                                                                                      |
|                                                                                     | 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                                                                                  |
| <b>8 251 14 010</b>                                                                 | <b>Combi multiple holder 3x sq. 20</b>    |                                                                                      |
|                                                                                     | Weight [kg]:                              | 2.390                                                                                |
|                                                                                     | Shank type:                               | BMT                                                                                  |
|                                                                                     | Machine adaption:                         | Centering key b 20                                                                   |
|                                                                                     | Tool adaption:                            | Sq. 20<br>Sq. 20                                                                     |
|                                                                                     | Coolant:                                  | EXT                                                                                  |
| <b>8 251 14 014</b>                                                                 | <b>Combi multiple holder 6x sq. 3/4"</b>  |                                                                                      |
|                                                                                     | 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)<br>Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm)<br>Sq. 3/4" (19,05mm) |
|                                                                                     | Coolant:                                  | EXT                                                                                  |
| <b>8 251 14 076</b>                                                                 | <b>Combi multiple holder 6x sq. 20 IC</b> |                                                                                      |
|  | Weight [kg]:                              | 3.620                                                                                |
|                                                                                     | 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:                                  | IC/Ext                                                                               |
|                                                                                     | Pressure max [bar]:                       | 100                                                                                  |
|                                                                                     | Please note:                              | Key rail                                                                             |
| <b>8 251 14 077</b>                                                                 | <b>Combi multiple holder 3x sq. 20 IC</b> |                                                                                      |
|  | Weight [kg]:                              | 2.270                                                                                |
|                                                                                     | Shank type:                               | BMT                                                                                  |
|                                                                                     | Machine adaption:                         | Centering key b 20                                                                   |
|                                                                                     | Tool adaption:                            | Sq. 20<br>Sq. 20                                                                     |
|                                                                                     | Coolant:                                  | IC/Ext                                                                               |
|                                                                                     | Pressure max [bar]:                       | 100                                                                                  |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                         |                                       |
|-------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------|
|                                                                                     | Please note:                                 | Key rail                              |
| <b>8 251 14 099</b>                                                                 | <b>Combi double turning holder sq. 20 IC</b> |                                       |
|    | 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                              |
| <b>8 251 14 106</b>                                                                 | <b>Combi multiple holder 3x sq. 20 IC</b>    |                                       |
|    | 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                              |
| <b>8 251 14 107</b>                                                                 | <b>Combi multiple holder 6x sq. 20 IC</b>    |                                       |
|  | 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                              |
| <b>8 251 15 036</b>                                                                 | <b>Multiple tool holder C 3 IC</b>           |                                       |
|  | 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                                    |
| <b>8 251 15 037</b>                                                                 | <b>Multiple tool holder C 3 IC</b>           |                                       |
|  | 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                |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                            |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                     | Coolant:                                        | IC                                                                                   |
|                                                                                     | Pressure max [bar]:                             | 100                                                                                  |
|                                                                                     | Please note:                                    | Check applicability, note tool length!                                               |
|                                                                                     | Offset [mm]:                                    | 45                                                                                   |
|                                                                                     |                                                 | 45                                                                                   |
| <b>8 253 14 005</b>                                                                 | <b>Multiple collet chuck holder ER 16 AX UT</b> |                                                                                      |
|                                                                                     | 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°<br>ER 16 A - u-tec/2x ER 16 A - u-tec - 15° |
|                                                                                     | Coolant:                                        | IC/Ext                                                                               |
|                                                                                     | Center distance [mm]:                           | 75                                                                                   |
| <b>8 253 15 002</b>                                                                 | <b>Multiple tool holder C 3 IC</b>              |                                                                                      |
|   | 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                                                                                   |
| <b>8 253 15 004</b>                                                                 | <b>Multiple boring bar holder 3x Ø 16</b>       |                                                                                      |
|  | 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                                                                                |
| <b>8 253 15 020</b>                                                                 | <b>Multiple tool holder C 3 IC</b>              |                                                                                      |
|  | 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                                                                                   |
| <b>8 253 17 020</b>                                                                 | <b>Multiple boring bar holder 2x Ø 25</b>       |                                                                                      |
|  | 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                                                                                   |

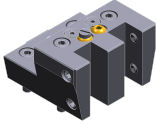
## WT-100 oberer Revolver (24 Stationen)

| Part-#              | Name                                      |                       |
|---------------------|-------------------------------------------|-----------------------|
| <b>8 253 17 033</b> | <b>Multiple boring bar holder 2x Ø 1"</b> |                       |
|                     | Weight [kg]:                              | 3.270                 |
|                     | Notation:                                 | 180° reversible       |
|                     | Shank type:                               | BMT                   |
|                     | Machine adaption:                         | Centering key b 20    |
|                     | Tool adaption:                            | Ø 1" (25,4mm)         |
|                     |                                           | Ø 1" (25,4mm) - 15°   |
|                     | Coolant:                                  | IC/Ext                |
|                     | Pressure max [bar]:                       | 140                   |
|                     | Center distance [mm]:                     | 75                    |
| <b>8 253 17 037</b> | <b>Multiple boring bar holder 2x Ø 25</b> |                       |
|                     | 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                    |
| <b>8 254 11 000</b> | <b>Multiple facing holder 3x sq. 20</b>   |                       |
|                     | 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                    |
| <b>8 254 11 001</b> | <b>Multiple facing holder 3x sq. 12</b>   |                       |
|                     | 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                    |
| <b>8 254 14 000</b> | <b>Multiple facing holder 3x sq. 20</b>   |                       |
|                     | 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                    |

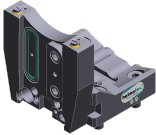




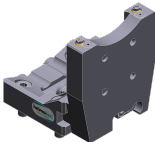
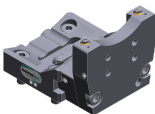
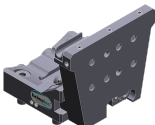
## WT-100 oberer Revolver (24 Stationen)

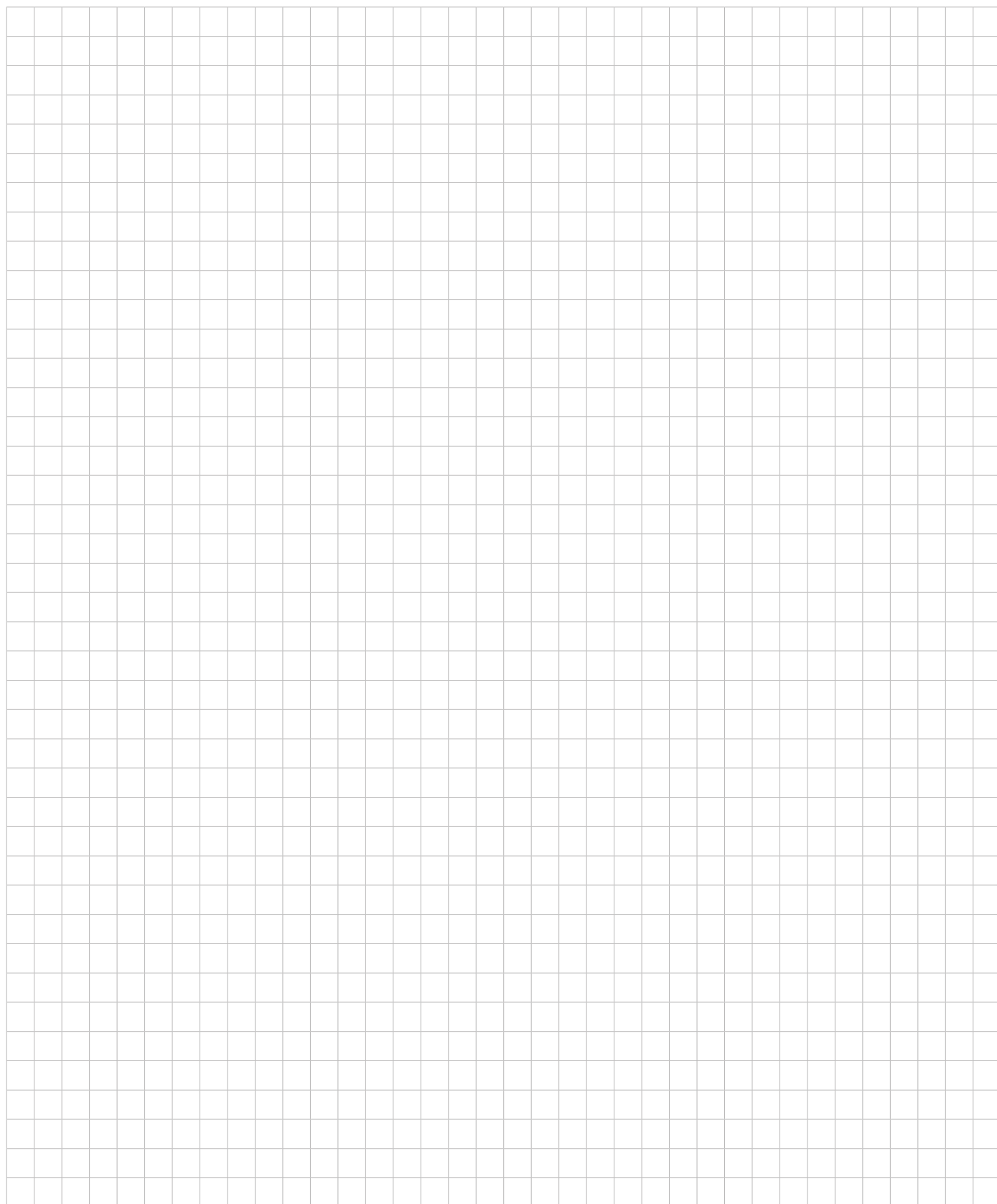
| Part-#                                                                              | Name                                             |                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------|
| <b>8 259 11 002</b>                                                                 | <b>Multiple turning holder 2x sq. 20</b>         |                                        |
|    | 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                                    |
| <b>8 259 15 015</b>                                                                 | <b>Multiple tool holder C 3 IC</b>               |                                        |
|    | 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                                     |
| <b>8 259 19 005</b>                                                                 | <b>Multiple holder Ø 25 and sq. 20</b>           |                                        |
|                                                                                     | 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                                     |
| <b>8 261 18 006</b>                                                                 | <b>Tool holder for centering insert</b>          |                                        |
|  | Weight [kg]:                                     | 2.600                                  |
|                                                                                     | Notation:                                        | 180° reversible                        |
|                                                                                     | Shank type:                                      | BMT                                    |
|                                                                                     | Machine adaption:                                | Centering key slot b 20                |
|                                                                                     | Tool adaption:                                   | Ø 32                                   |
|                                                                                     | Coolant:                                         | EXT                                    |
|                                                                                     | Please note:                                     | Price without centering point          |
|                                                                                     | Center distance [mm]:                            | 60                                     |
| <b>8 263 19 011</b>                                                                 | <b>Tool holder with rotating centering point</b> |                                        |
|  | 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                                     |

## WT-100 oberer Revolver (24 Stationen)

| Part-#                                                                              | Name                                              |                                      |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------|
| <b>8 263 19 018</b>                                                                 | <b>Tool holder with rotating centering point</b>  |                                      |
|                                                                                     | 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                                   |
| <b>8 263 19 019</b>                                                                 | <b>Tool holder with rotating centering point</b>  |                                      |
|                                                                                     | 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                                   |
| <b>8 320 12 007</b>                                                                 | <b>Cut-off holder, height adjustable SH 26 IC</b> |                                      |
|                                                                                     | 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                                   |
| <b>8 320 12 008</b>                                                                 | <b>Cut-off holder, height adjustable SH 26 IC</b> |                                      |
|                                                                                     | 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                  |
| <b>8 320 13 003</b>                                                                 | <b>Cut-off holder, height adjustable SH 32 IC</b> |                                      |
|  | 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                                   |
| <b>8 320 13 013</b>                                                                 | <b>Cut-off holder, height adjustable SH 32 IC</b> |                                      |
|                                                                                     | 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 |

## WT-100 oberer Revolver (24 Stationen)

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



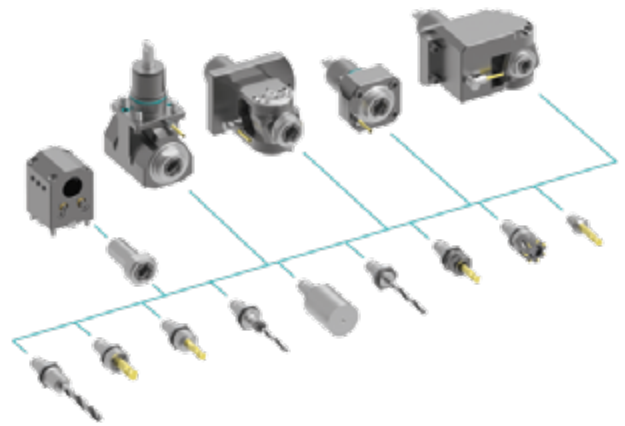
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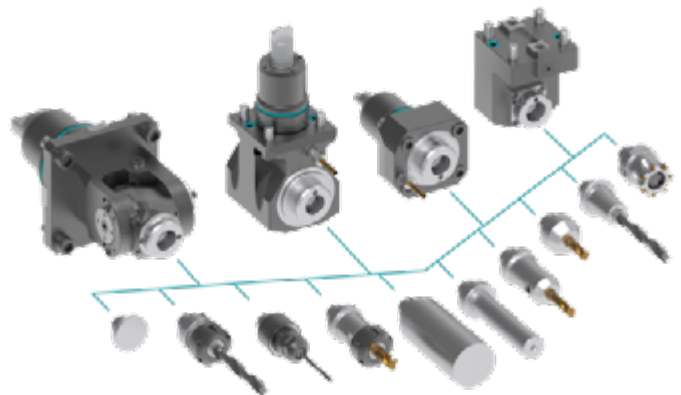
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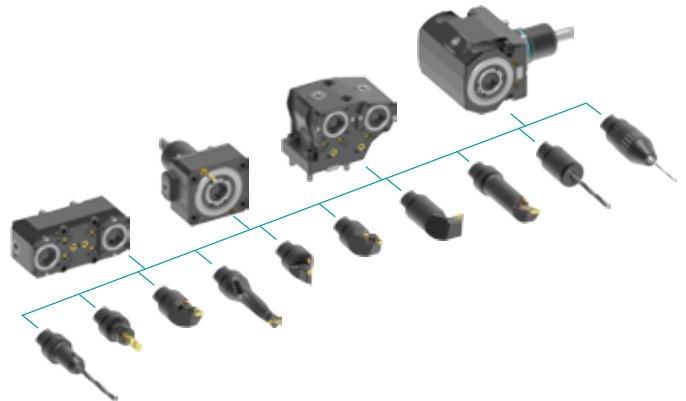
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