

Mori Seiki

**NTX 1000 - BMT  
40**



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

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

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

## \*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems


Tool systems for gear production



Digital tool management

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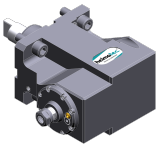
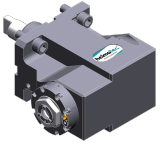
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| Part-#  | Name  |                  |
|---|---|------------------|
| <b>8 010 45 177</b>   | <b>Axial drilling and milling head ER 25 AS UT IC</b> |                  |
|   | Weight [kg]:  | 3.540            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 25 A - u-tec  |
|   | Gear ratio [i]:                                       | 1:1              |
|   | Torque max [Nm]:                                      | 50               |
|   | Rotation max [1/min]:                                 | 6000             |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:                                   | 25               |
| <b>8 010 45 190</b>   | <b>Axial drilling and milling head ER 25 AS UT IC</b> |                  |
|  | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 25 A - u-tec  |
|   | Gear ratio [i]:                                       | 1:1              |
|   | Torque max [Nm]:                                      | 50               |
|   | Rotation max [1/min]:                                 | 10000            |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:                                   | 80               |
|   | Please note:  | Dryrun possible  |
| <b>8 010 46 158</b>   | <b>Axial drilling and milling head ER 32 AX UT IC</b> |                  |
|   | Weight [kg]:  | 4.230            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 32 A - u-tec  |
|   | Gear ratio [i]:                                       | 1:1              |
|   | Torque max [Nm]:                                      | 50               |
|   | Rotation max [1/min]:                                 | 6000             |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:                                   | 70               |
|   | Please note:  | stronger bearing |
| <b>8 010 46 254</b>   | <b>Axial drilling and milling head ER 32 AX UT IC</b> |                  |
|   | Weight [kg]:  | 4.230            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 32 A - u-tec  |
|   | Gear ratio [i]:                                       | 1:1              |
|   | Torque max [Nm]:                                      | 50               |
|   | Rotation max [1/min]:                                 | 6000             |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:                                   | 25               |
|   | Please note:  | stronger bearing |

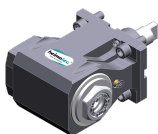
| Part-#  | Name                  |   |
|---|-----------------------|---|
|    | <b>8 010 46 279</b>   | <b>Axial drilling and milling head C 4</b>            |
|   | Weight [kg]:          | 4.120   |
|   | Notation:             | 180° reversible                                       |
|   | Tool drive:           | Flat (~DIN 1809)                                      |
|   | Shank size [mm]:      | 40.00   |
|   | Shank type:           | BMT   |
|   | Tool adaption:        | heimatec Capto(TM) C 4                                |
|   | Gear ratio [i]:       | 1:1   |
|   | Torque max [Nm]:      | 50  |
|   | Rotation max [1/min]: | 8000  |
|   | Rotating direction:   | same  |
|   | Coolant:              | EXT   |
|   | Please note:          | Check applicability; tool length check!               |
|   | <b>8 010 46 295</b>   | <b>Axial drilling and milling head ER 32 AS UT</b>    |
|   | Weight [kg]:          | 2.820   |
|   | Tool drive:           | Flat (~DIN 1809)                                      |
|   | Shank size [mm]:      | 40.00   |
|   | Shank type:           | BMT   |
|   | Tool adaption:        | ER 32 A - u-tec                                       |
|   | Gear ratio [i]:       | 1:1   |
|   | Torque max [Nm]:      | 50  |
|   | Rotation max [1/min]: | 12000   |
|   | Rotating direction:   | same  |
|   | Coolant:              | EXT   |
|   | <b>8 010 46 296</b>   | <b>Axial drilling and milling head ER 32 AS UT IC</b> |
|   | Weight [kg]:          | 3.690   |
|   | Tool drive:           | Flat (~DIN 1809)                                      |
|   | Shank size [mm]:      | 40.00   |
|   | Shank type:           | BMT   |
|   | Tool adaption:        | ER 32 A - u-tec                                       |
|   | Gear ratio [i]:       | 1:1   |
|   | Torque max [Nm]:      | 50  |
|   | Rotation max [1/min]: | 6000  |
|   | Rotating direction:   | same  |
|   | Coolant:              | IC/Ext  |
| Pressure max [bar]:   | 25                    |   |
|  | <b>8 010 46 300</b>   | <b>Axial drilling and milling head HT 4 IC</b>        |
|   | Tool drive:           | Flat (~DIN 1809)                                      |
|   | Shank size [mm]:      | 40.00   |
|   | Shank type:           | BMT   |
|   | Tool adaption:        | HT 4  |
|   | Gear ratio [i]:       | 1:1   |
|   | Torque max [Nm]:      | 50  |
|   | Rotation max [1/min]: | 12000   |
|   | Rotating direction:   | same  |
|   | Coolant:              | IC/Ext  |
|   | Pressure max [bar]:   | 100   |
| Please note:  | Dryrun possible       |   |



| Part-#  | Name  |                  |
|---|---|------------------|
| <b>8 010 46 306</b>   | <b>Axial drilling and milling head ER 32 AS UT IC</b> |                  |
|    | Weight [kg]:  | 3.980            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 32 A - u-tec  |
|   | Gear ratio [i]:                                       | 1:1              |
|   | Torque max [Nm]:                                      | 50               |
|   | Rotation max [1/min]:                                 | 10000            |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:                                   | 80               |
|   | Please note:  | Dryrun possible  |
| <b>8 013 43 000</b>   | <b>Axial drilling and milling head ER 11</b>          |                  |
|    | Weight [kg]:  | 0.740            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | Shank type:   | BMT              |
|   | Tool adaption:  | ER 11            |
|   | Gear ratio [i]:                                       | 1:4              |
|   | Torque max [Nm]:                                      | 5                |
|   | Rotation max [1/min]:                                 | 48000            |
|   | Rotating direction:                                   | same             |
|   | Coolant:  | EXT              |
| <b>8 013 44 009</b>   | <b>Axial drilling and milling head ER 16 AX UT</b>    |                  |
|   | Weight [kg]:  | 2.410            |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | 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 44 010</b>   | <b>Axial drilling and milling head ER 16 AX UT IC</b> |                  |
|  | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |
|   | 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 45 178</b>   | <b>Axial drilling and milling head ER 25 AX UT</b>    |                  |
|   | Weight [kg]:  | 7.330            |
|   | Notation:   | offset           |
|   | Employment for:                                       | Main spindle     |
|   | Version:  | Special          |
|   | Tool drive:   | Flat (~DIN 1809) |
|   | Shank size [mm]:                                      | 40.00            |

| Part-#  | Name  |  |
|---|---|--|
|   | Shank type:   | BMT                                    |
|   | Tool adaption:                                      | ER 25 A - u-tec                        |
|   | Gear ratio [i]:                                     | 1:1                                    |
|   | Torque max [Nm]:                                    | 40                                     |
|   | Rotation max [1/min]:                               | 12000                                  |
|   | Rotating direction:                                 | opposite                               |
|   | Coolant:  | EXT                                    |
|   | Please note:  | stronger bearing                       |
|   | Offset [mm]:  | 100                                    |
| <b>8 019 46 217</b>   | <b>Axial drilling and milling head C 4 IC</b>       |  |
|   | Weight [kg]:  | 9.060                                  |
|   | Notation:   | 180° reversible                        |
|   | Tool drive:   | Flat (~DIN 1809)                       |
|   | Shank size [mm]:                                    | 39.90                                  |
|   | Shank type:   | BMT                                    |
|   | Tool adaption:                                      | heimatec Capto(TM) C 4                 |
|   | Gear ratio [i]:                                     | 1:1                                    |
|   | Torque max [Nm]:                                    | 50                                     |
|   | Rotation max [1/min]:                               | 8000                                   |
|   | Rotating direction:                                 | opposite                               |
|   | Coolant:  | IC/Ext                                 |
|   | Pressure max [bar]:                                 | 140                                    |
|   | Please note:  | Check applicability; note tool length! |
|   | Offset [mm]:  | 110                                    |
| <b>8 030 43 012</b>   | <b>Radial drilling and milling head ER 11</b>       |  |
|  | Weight [kg]:  | 6.790                                  |
|   | Notation:   | 180° reversible                        |
|   | Tool drive:   | Flat (~DIN 1809)                       |
|   | Shank size [mm]:                                    | 40.00                                  |
|   | Shank type:   | BMT                                    |
|   | Tool adaption:                                      | ER 11                                  |
|   | Gear ratio [i]:                                     | 1:4                                    |
|   | Torque max [Nm]:                                    | 5                                      |
|   | Rotation max [1/min]:                               | 48000                                  |
|   | Rotating direction:                                 | opposite                               |
|   | Coolant:  | EXT                                    |
|   | Center distance [mm]:                               | 85                                     |
| <b>8 030 44 079</b>   | <b>Radial drilling and milling head ER 16 AX UT</b> |  |
|  | Weight [kg]:  | 6.860                                  |
|   | Notation:   | 180° reversible                        |
|   | Tool drive:   | Flat (~DIN 1809)                       |
|   | Shank size [mm]:                                    | 40.00                                  |
|   | Shank type:   | BMT                                    |
|   | Tool adaption:                                      | ER 16 A - u-tec                        |
|   | Gear ratio [i]:                                     | 1:4                                    |
|   | Torque max [Nm]:                                    | 5                                      |
|   | Rotation max [1/min]:                               | 24000                                  |
|   | Rotating direction:                                 | opposite                               |
|   | Coolant:  | EXT                                    |
|   | Center distance [mm]:                               | 85                                     |


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


|                     |  |                  |
|---------------------|--|------------------|
| <b>8 030 45 139</b> | <b>Angle-mill- and drill holder ER 25 AS UT</b>        | 6.970            |
|                     | Weight [kg]:   | 6.970            |
|                     | Notation:  | 180° reversible  |
|                     | Tool drive:  | Flat (~DIN 1809) |
|                     | Shank size [mm]:                                       | 40.00            |
|                     | Shank type:  | BMT              |
|                     | Tool adaption:   | ER 25 A - u-tec  |
|                     | Gear ratio [i]:  | 1:1              |
|                     | Torque max [Nm]:                                       | 50               |
|                     | Rotation max [1/min]:                                  | 6000             |
|                     | Rotating direction:                                    | opposite         |
|                     | Coolant:   | EXT              |
|                     | Please note:   | Combi bearing    |
|                     | Center distance [mm]:                                  | 85               |
| <b>8 030 45 195</b> | <b>Radial drilling and milling head ER 25 AX UT</b>    | 6.040            |
|                     | Weight [kg]:   | 6.040            |
|                     | Notation:  | 180° reversible  |
|                     | Tool drive:  | Flat (~DIN 1809) |
|                     | Shank size [mm]:                                       | 40.00            |
|                     | Shank type:  | BMT              |
|                     | Tool adaption:   | ER 25 A - u-tec  |
|                     | Gear ratio [i]:  | 1:2              |
|                     | Torque max [Nm]:                                       | 16               |
|                     | Rotation max [1/min]:                                  | 12000            |
|                     | Rotating direction:                                    | same             |
|                     | Coolant:   | EXT              |
|                     | Please note:   | stronger bearing |
|                     | Center distance [mm]:                                  | 85               |
| <b>8 030 45 202</b> | <b>Radial drilling and milling head ER 25 AS UT</b>    | 6.940            |
|                     | Weight [kg]:   | 6.940            |
|                     | Notation:  | 180° reversible  |
|                     | Tool drive:  | Flat (~DIN 1809) |
|                     | Shank size [mm]:                                       | 40.00            |
|                     | Shank type:  | BMT              |
|                     | Tool adaption:   | ER 25 A - u-tec  |
|                     | Gear ratio [i]:  | 1:1              |
|                     | Torque max [Nm]:                                       | 50               |
|                     | Rotation max [1/min]:                                  | 12000            |
|                     | Rotating direction:                                    | opposite         |
|                     | Coolant:   | EXT              |
|                     | Center distance [mm]:                                  | 85               |
| <b>8 030 45 573</b> | <b>Radial drilling and milling head ER 25 AS UT IC</b> | 7.640            |
|                     | Weight [kg]:   | 7.640            |
|                     | Notation:  | 180° reversible  |
|                     | Tool drive:  | Flat (~DIN 1809) |
|                     | Shank size [mm]:                                       | 40.00            |
|                     | Shank type:  | BMT              |
|                     | Tool adaption:   | ER 25 A - u-tec  |
|                     | Gear ratio [i]:  | 1:1              |
|                     | Torque max [Nm]:                                       | 50               |
|                     | Rotation max [1/min]:                                  | 12000            |
|                     | Rotating direction:                                    | opposite         |
|                     | Coolant:   | IC/Ext           |
|                     | Pressure max [bar]:                                    | 140              |
|                     | Center distance [mm]:                                  | 85               |




| Part-#  | Name  |                             |
|---|---|-----------------------------|
| <b>8 030 45 588</b>   | <b>Radial drilling and milling head ER 25 AS UT</b> |                             |
|   | Weight [kg]:  | 6.527                       |
|   | Notation:   | 180° reversible             |
|   | Tool drive:   | Flat (~DIN 1809)            |
|   | Shank size [mm]:                                    | 40.00                       |
|   | Shank type:   | BMT                         |
|   | Tool adaption:                                      | ER 25 A - u-tec             |
|   | Gear ratio [i]:                                     | 1:1                         |
|   | Torque max [Nm]:                                    | 50                          |
|   | Rotation max [1/min]:                               | 12000                       |
|   | Rotating direction:                                 | opposite                    |
|   | Coolant:  | EXT                         |
|   | Center distance [mm]:                               | 85                          |
| <b>8 030 46 320</b>   | <b>Angle-mill- and drill holder ER 32 AS UT IC</b>  |                             |
|    | Weight [kg]:  | 7.000                       |
|   | Notation:   | 180° reversible             |
|   | Tool drive:   | Flat (~DIN 1809)            |
|   | Shank size [mm]:                                    | 40.00                       |
|   | Shank type:   | BMT                         |
|   | Tool adaption:                                      | ER 32 A - u-tec             |
|   | Gear ratio [i]:                                     | 1:1                         |
|   | Torque max [Nm]:                                    | 50                          |
|   | Rotation max [1/min]:                               | 6000                        |
|   | Rotating direction:                                 | opposite                    |
|   | Coolant:  | IC/Ext                      |
|   | Pressure max [bar]:                                 | 140                         |
|   | Please note:  | Combi bearing               |
|   | Center distance [mm]:                               | 85                          |
| <b>8 031 45 058</b>   | <b>Radial milling head universal arbor 1"</b>       |                             |
|  | Weight [kg]:  | 7.040                       |
|   | Notation:   | 180° reversible             |
|   | Tool drive:   | Flat (~DIN 1809)            |
|   | Shank size [mm]:                                    | 40.00                       |
|   | Shank type:   | BMT                         |
|   | Tool adaption:                                      | Universal arbor 1" (25,4mm) |
|   | Gear ratio [i]:                                     | 1:1                         |
|   | Torque max [Nm]:                                    | 50                          |
|   | Rotation max [1/min]:                               | 8000                        |
|   | Rotating direction:                                 | opposite                    |
|   | Coolant:  | EXT                         |
|   | Please note:  | Combi bearing               |
|   | Center distance [mm]:                               | 85                          |
| <b>8 039 45 094</b>   | <b>Radial drilling and milling head ER 25 AS UT</b> |                             |
|   | Weight [kg]:  | 6.500                       |
|   | Notation:   | 180° reversible             |
|   | Version:  | double spindle              |
|   | Tool drive:   | Flat (~DIN 1809)            |
|   | Shank size [mm]:                                    | 40.00                       |
|   | Shank type:   | BMT                         |
|   | Tool adaption:                                      | ER 25 A - u-tec             |
|   | Gear ratio [i]:                                     | 1:1                         |
|   | Torque max [Nm]:                                    | 50                          |
|   | Rotation max [1/min]:                               | 12000                       |
|   | Rotating direction:                                 | same/opposite               |

| Part-#              | Name  |                         |
|---------------------|---|-------------------------|
|                     | Coolant:  | EXT                     |
|                     | Please note:                                      | stronger bearing        |
|                     | Center distance [mm]:                             | 85                      |
| <b>8 043 44 009</b> | <b>Universal head +105°/-20° adj. ER16 AX UT</b>  |                         |
|                     | Weight [kg]:                                      | 5.450                   |
|                     | Notation:   | offset; 180° reversible |
|                     | Tool drive:                                       | Flat (~DIN 1809)        |
|                     | Shank size [mm]:                                  | 40.00                   |
|                     | Shank type:                                       | BMT                     |
|                     | Tool adaption:                                    | ER 16 A - u-tec         |
|                     | Gear ratio [i]:                                   | 1:1                     |
|                     | Torque max [Nm]:                                  | 25                      |
|                     | Rotation max [1/min]:                             | 6000                    |
|                     | Rotating direction:                               | opposite                |
|                     | Coolant:  | EXT                     |
|                     | Center distance [mm]:                             | 55                      |
|                     | Offset [mm]:                                      | 35                      |
| <b>8 043 45 009</b> | <b>Universal head +105°/-20° adj. ER25 AX UT</b>  |                         |
|                     | Weight [kg]:                                      | 5.650                   |
|                     | Notation:   | offset; 180° reversible |
|                     | Tool drive:                                       | Flat (~DIN 1809)        |
|                     | Shank size [mm]:                                  | 40.00                   |
|                     | Shank type:                                       | BMT                     |
|                     | Tool adaption:                                    | ER 25 A - u-tec         |
|                     | Gear ratio [i]:                                   | 1:1                     |
|                     | Torque max [Nm]:                                  | 25                      |
|                     | Rotation max [1/min]:                             | 6000                    |
|                     | Rotating direction:                               | opposite                |
|                     | Coolant:  | EXT                     |
|                     | Please note:                                      | stronger bearing        |
|                     | Center distance [mm]:                             | 55                      |
|                     | Offset [mm]:                                      | 35                      |
| <b>8 043 45 012</b> | <b>Universal head +105°/-20° adj. ER25 AXUTIK</b> |                         |
|                     | Weight [kg]:                                      | 5.660                   |
|                     | Notation:   | offset; 180° reversible |
|                     | Tool drive:                                       | Flat (~DIN 1809)        |
|                     | Shank size [mm]:                                  | 40.00                   |
|                     | Shank type:                                       | BMT                     |
|                     | Tool adaption:                                    | ER 25 A - u-tec         |
|                     | Gear ratio [i]:                                   | 1:1                     |
|                     | Torque max [Nm]:                                  | 25                      |
|                     | Rotation max [1/min]:                             | 6000                    |
|                     | Rotating direction:                               | opposite                |
|                     | Coolant:  | IC/Ext                  |
|                     | Pressure max [bar]:                               | 25                      |
|                     | Please note:                                      | stronger bearing        |
|                     | Center distance [mm]:                             | 55                      |
|                     | Offset [mm]:                                      | 35                      |

| Part-#  | Name                                   |                         |
|---|--|-------------------------|
| <b>8 224 04 029</b>   | <b>Universal turning holder sq. 20</b> |                         |
|   | Weight [kg]:                           | 4.040                   |
|   | Notation:                              | 180° reversible         |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | Sq. 20                  |
|   | Coolant:                               | EXT                     |
|   | Pressure max [bar]:                    | 80                      |
| <b>8 224 04 044</b>   | <b>Universal turning holder sq. 20</b> |                         |
|   | Notation:                              | 180° reversible         |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | Sq. 20                  |
|   | Coolant:                               | EXT                     |
|   | Pressure max [bar]:                    | 80                      |
| <b>8 224 05 009</b>   | <b>Universal turning holder sq. 25</b> |                         |
|   | Weight [kg]:                           | 4.360                   |
|   | Notation:                              | 180° reversible         |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | Sq. 25                  |
|   | Coolant:                               | EXT                     |
|   | Pressure max [bar]:                    | 80                      |
| <b>8 240 06 023</b>   | <b>Collet chuck holder ER 32</b>       |                         |
|   | Notation:                              | 180° reversible         |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | ER 32                   |
|   | Coolant:                               | IC/Ext                  |
|   | Pressure max [bar]:                    | 80                      |
|   | Center distance [mm]:                  | 90                      |
| <b>8 240 07 063</b>   | <b>Boring bar holder Ø 1 1/4"</b>      |                         |
|  | Weight [kg]:                           | 6.180                   |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | Ø 1 1/4" (31,75mm)      |
|   | Coolant:                               | IC/Ext                  |
|   | Pressure max [bar]:                    | 80                      |
|   | Center distance [mm]:                  | 100                     |
| <b>8 240 08 030</b>   | <b>Boring bar holder Ø 32</b>          |                         |
|   | Weight [kg]:                           | 6.350                   |
|   | Notation:                              | 180° reversible         |
|   | Shank size [mm]:                       | 40.00                   |
|   | Shank type:                            | BMT                     |
|   | Machine adaption:                      | Centering key slot b 12 |
|   | Tool adaption:                         | Ø 32                    |
|   | Coolant:                               | IC/Ext                  |

| Part-#  | Name                                 |                         |
|---|--------------------------------------|-------------------------|
|   | Pressure max [bar]:                  | 80                      |
|   | Center distance [mm]:                | 100                     |
| <b>8 240 09 020</b>   | <b>Boring bar holder Ø 40</b>        |                         |
|  | Notation:                            | 180° reversible         |
|   | Shank size [mm]:                     | 40.00                   |
|   | Shank type:                          | BMT                     |
|   | Machine adaption:                    | Centering key slot b 12 |
|   | Tool adaption:                       | Ø 40                    |
|   | Coolant:                             | IC/Ext                  |
|   | Pressure max [bar]:                  | 140                     |
|   | Center distance [mm]:                | 100                     |
| <b>8 244 04 009</b>   | <b>Combi facing holder sq. 20</b>    |                         |
|   | Weight [kg]:                         | 4.380                   |
|   | Notation:                            | 180° reversible         |
|   | Shank size [mm]:                     | 40.00                   |
|   | Shank type:                          | BMT                     |
|   | Machine adaption:                    | Centering key slot b 12 |
|   | Tool adaption:                       | Sq. 20                  |
|   |                                      | Sq. 20                  |
|   | Coolant:                             | EXT                     |
|   | Pressure max [bar]:                  | 80                      |
|   | Center distance [mm]:                | 60                      |
| <b>8 244 05 007</b>   | <b>Combi facing holder sq. 25</b>    |                         |
|   | Notation:                            | 180° reversible         |
|   | Shank size [mm]:                     | 40.00                   |
|   | Shank type:                          | BMT                     |
|   | Machine adaption:                    | Centering key slot b 12 |
|   | Tool adaption:                       | Sq. 25                  |
|   |                                      | Sq. 25                  |
|   | Coolant:                             | EXT                     |
|   | Pressure max [bar]:                  | 80                      |
|   | Center distance [mm]:                | 60                      |
| <b>8 249 08 003</b>   | <b>Double boring bar holder Ø 32</b> |                         |
|   | Weight [kg]:                         | 8.590                   |
|   | Shank size [mm]:                     | 40.00                   |
|   | Shank type:                          | BMT                     |
|   | Machine adaption:                    | Centering key slot b 12 |
|   | Tool adaption:                       | Ø 32                    |
|   | Coolant:                             | IC/Ext                  |
|   | Pressure max [bar]:                  | 80                      |
|   | Center distance [mm]:                | 100                     |
| <b>8 249 09 001</b>   | <b>Double boring bar holder Ø 40</b> |                         |
|   | Weight [kg]:                         | 8.110                   |
|   | Shank size [mm]:                     | 40.00                   |
|   | Shank type:                          | BMT                     |
|   | Machine adaption:                    | Centering key slot b 12 |
|   | Tool adaption:                       | Ø 40                    |
|   | Coolant:                             | IC/Ext                  |
|   | Pressure max [bar]:                  | 80                      |
|   | Center distance [mm]:                | 100                     |

| Part-#              | Name  |                         |
|---------------------|---|-------------------------|
| <b>8 251 03 005</b> | <b>Combi double turning holder sq. 3/4"</b> |                         |
|                     | Weight [kg]:                                | 5.740                   |
|                     | Shank size [mm]:                            | 40.00                   |
|                     | Shank type:                                 | BMT                     |
|                     | Machine adaption:                           | Centering key slot b 12 |
|                     | Tool adaption:                              | Sq. 3/4" (19,05mm)      |
|                     |   | Sq. 3/4" (19,05mm)      |
|                     |   | Sq. 3/4" (19,05mm)      |
|                     |   | Sq. 3/4" (19,05mm)      |
|                     | Coolant:                                    | EXT                     |
|                     | Pressure max [bar]:                         | 80                      |
|                     | Please note:                                | short version; 70 mm    |
| <b>8 251 04 024</b> | <b>Combi double turning holder sq. 20</b>   |                         |
|                     | Weight [kg]:                                | 5.710                   |
|                     | Shank size [mm]:                            | 40.00                   |
|                     | Shank type:                                 | BMT                     |
|                     | Machine adaption:                           | Centering key slot b 12 |
|                     | Tool adaption:                              | Sq. 20                  |
|                     |   | Sq. 20                  |
|                     |   | Sq. 20                  |
|                     |   | Sq. 20                  |
|                     | Coolant:                                    | EXT                     |
|                     | Pressure max [bar]:                         | 80                      |
| <b>8 251 05 005</b> | <b>Combi double turning holder sq. 1"</b>   |                         |
|                     | Weight [kg]:                                | 5.860                   |
|                     | Shank size [mm]:                            | 40.00                   |
|                     | Shank type:                                 | BMT                     |
|                     | Machine adaption:                           | Centering key slot b 12 |
|                     | Tool adaption:                              | Sq. 1" (25,4mm)         |
|                     |   | Sq. 1" (25,4mm)         |
|                     |   | Sq. 1" (25,4mm)         |
|                     |   | Sq. 1" (25,4mm)         |
|                     | Coolant:                                    | EXT                     |
|                     | Pressure max [bar]:                         | 80                      |
|                     | Please note:                                | short version; 70 mm    |
| <b>8 251 05 006</b> | <b>Combi double turning holder sq. 25</b>   |                         |
|                     | Weight [kg]:                                | 5.860                   |
|                     | Shank size [mm]:                            | 40.00                   |
|                     | Shank type:                                 | BMT                     |
|                     | Machine adaption:                           | Centering key slot b 12 |
|                     | Tool adaption:                              | Sq. 25                  |
|                     |   | Sq. 25                  |
|                     |   | Sq. 25                  |
|                     |   | Sq. 25                  |
|                     | Coolant:                                    | EXT                     |
|                     | Pressure max [bar]:                         | 80                      |
|                     | Please note:                                | short version; 70 mm    |
| <b>8 251 45 010</b> | <b>Combi double turning holder sq. 25</b>   |                         |
|                     | Weight [kg]:                                | 5.880                   |
|                     | Shank size [mm]:                            | 40.00                   |
|                     | Shank type:                                 | BMT                     |
|                     | Machine adaption:                           | Centering key slot b 12 |
|                     | Tool adaption:                              | Sq. 25                  |
|                     |   | Sq. 25                  |

| Part-#              | Name  |  |
|---------------------|---|--|
|                     | Coolant:  | Sq. 25<br>Sq. 25<br>EXT  |
| <b>8 259 04 005</b> | <b>Multiple turning holder 4x sq.20/ 3/4"</b>     |  |
|                     | Weight [kg]:                                      | 7.000  |
|                     | Employment for:                                   | Main- and sub spindle  |
|                     | Version:  | Y-axes offset  |
|                     | Shank type:                                       | BMT  |
|                     | Machine adaption:                                 | Centering key slot b 12  |
|                     | Tool adaption:                                    | Sq. 20/3/4" (19,05mm)<br>Sq. 20/3/4" (19,05mm)<br>Sq. 20/3/4" (19,05mm)<br>Sq. 20/3/4" (19,05mm) |
|                     | Coolant:  | EXT  |
| <b>8 320 02 023</b> | <b>Cut-off holder, height adjustable SH 26 IC</b> |  |
|                     | Weight [kg]:                                      | 2.030  |
|                     | Notation:   | 180° reversible  |
|                     | Shank type:                                       | BMT  |
|                     | Machine adaption:                                 | Centering key slot b 12  |
|                     | Tool adaption:                                    | Clampshaft SH 26   |
|                     | Coolant:  | IC/Ext   |
|                     | Pressure max [bar]:                               | 70   |
| <b>8 320 03 033</b> | <b>Cut-off holder, height adjustable SH 32 IC</b> |  |
|                     | Weight [kg]:                                      | 2.290  |
|                     | Notation:   | 180° reversible  |
|                     | Shank type:                                       | BMT  |
|                     | Machine adaption:                                 | Centering key slot b 12  |
|                     | Tool adaption:                                    | Clampshaft SH 32   |
|                     | Coolant:  | IC/Ext   |
|                     | Pressure max [bar]:                               | 70   |
|                     | Please note:                                      | Clampshaft internal  |
| <b>8 320 09 006</b> | <b>Cut-off holder, height adjustable 845 IC</b>   |  |
|                     | Notation:   | 180° reversible  |
|                     | Shank type:                                       | BMT  |
|                     | Machine adaption:                                 | Centering key slot b 12  |
|                     | Tool adaption:                                    |  System 845   |
|                     | Coolant:  | IC   |
|                     | Pressure max [bar]:                               | 70   |



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