

Miyano

**BNJ 42 S/SY -**

**Kegelrad**



# 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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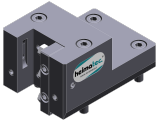
| Part-#                                                                              | Name                                              |                        |
|-------------------------------------------------------------------------------------|---------------------------------------------------|------------------------|
| <b>8 010 44 031</b>                                                                 | <b>Axial drilling and milling head ER 20 M IC</b> |                        |
|                                                                                     | Weight [kg]:                                      | 2.770                  |
|                                                                                     | Tool drive:                                       | Bevel gear             |
|                                                                                     | Shank size [mm]:                                  | 45.00                  |
|                                                                                     | Shank type:                                       | BMT                    |
|                                                                                     | Tool adaption:                                    | ER 20 M                |
|                                                                                     | Gear ratio [i]:                                   | 1:1                    |
|                                                                                     | Torque max [Nm]:                                  | 25                     |
|                                                                                     | Rotation max [1/min]:                             | 6000                   |
|                                                                                     | Rotating direction:                               | same                   |
|                                                                                     | Coolant:                                          | IC/Ext                 |
|                                                                                     | Pressure max [bar]:                               | 25                     |
| <b>8 010 44 063</b>                                                                 | <b>Axial drilling and milling head Weldon 12</b>  |                        |
|                                                                                     | Weight [kg]:                                      | 2.500                  |
|                                                                                     | Tool drive:                                       | Bevel gear             |
|                                                                                     | Shank size [mm]:                                  | 45.00                  |
|                                                                                     | Shank type:                                       | BMT                    |
|                                                                                     | Tool adaption:                                    | Weldon (DIN 1835 b) 12 |
|                                                                                     | Gear ratio [i]:                                   | 1:1                    |
|                                                                                     | Torque max [Nm]:                                  | 25                     |
|                                                                                     | Rotation max [1/min]:                             | 6000                   |
|                                                                                     | Rotating direction:                               | same                   |
|                                                                                     | Coolant:                                          | EXT                    |
|                                                                                     | Please note:                                      | Combi bearing          |
| <b>8 010 45 109</b>                                                                 | <b>Axial drilling and milling head ER 25 M</b>    |                        |
|  | Weight [kg]:                                      | 2.440                  |
|                                                                                     | Tool drive:                                       | Bevel gear             |
|                                                                                     | Shank size [mm]:                                  | 45.00                  |
|                                                                                     | Shank type:                                       | BMT                    |
|                                                                                     | Tool adaption:                                    | ER 25 M                |
|                                                                                     | Gear ratio [i]:                                   | 1:1                    |
|                                                                                     | Torque max [Nm]:                                  | 25                     |
|                                                                                     | Rotation max [1/min]:                             | 6000                   |
|                                                                                     | Rotating direction:                               | same                   |
|                                                                                     | Coolant:                                          | EXT                    |
|                                                                                     | Please note:                                      | Combi bearing          |
| <b>8 011 44 009</b>                                                                 | <b>Axial milling head universal arbor 16</b>      |                        |
|                                                                                     | Weight [kg]:                                      | 2.500                  |
|                                                                                     | Tool drive:                                       | Bevel gear             |
|                                                                                     | Shank size [mm]:                                  | 45.00                  |
|                                                                                     | Shank type:                                       | BMT                    |
|                                                                                     | Tool adaption:                                    | Universal arbor 16     |
|                                                                                     | Gear ratio [i]:                                   | 1:1                    |
|                                                                                     | Torque max [Nm]:                                  | 25                     |
|                                                                                     | Rotation max [1/min]:                             | 6000                   |
|                                                                                     | Rotating direction:                               | same                   |
|                                                                                     | Coolant:                                          | EXT                    |
|                                                                                     | Please note:                                      | Combi bearing          |

| Part-#                                                                            | Name                                                |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|
| <b>8 019 44 018</b>                                                               | <b>Axial drilling and milling head ER 20</b>        |                         |
|  | Weight [kg]:                                        | 4.980                   |
|                                                                                   | Notation:                                           | offset                  |
|                                                                                   | Tool drive:                                         | Bevel gear              |
|                                                                                   | Shank size [mm]:                                    | 45.00                   |
|                                                                                   | Shank type:                                         | BMT                     |
|                                                                                   | Tool adaption:                                      | ER 20                   |
|                                                                                   | Gear ratio [i]:                                     | 1:2                     |
|                                                                                   | Torque max [Nm]:                                    | 12                      |
|                                                                                   | Rotation max [1/min]:                               | 10000                   |
|                                                                                   | Rotating direction:                                 | opposite                |
|                                                                                   | Coolant:                                            | EXT                     |
|                                                                                   | Pressure max [bar]:                                 | 140                     |
| <b>8 019 44 045</b>                                                               | <b>Axial drilling and milling head ER 16 AX</b>     |                         |
|                                                                                   | Notation:                                           | offset                  |
|                                                                                   | Tool drive:                                         | Bevel gear              |
|                                                                                   | Shank size [mm]:                                    | 45.00                   |
|                                                                                   | Shank type:                                         | BMT                     |
|                                                                                   | Tool adaption:                                      | ER 16 A                 |
|                                                                                   | Gear ratio [i]:                                     | 1:2                     |
|                                                                                   | Torque max [Nm]:                                    | 12                      |
|                                                                                   | Rotation max [1/min]:                               | 10000                   |
|                                                                                   | Rotating direction:                                 | opposite                |
|                                                                                   | Coolant:                                            | EXT                     |
|                                                                                   | Please note:                                        | stronger bearing        |
|                                                                                   | Offset [mm]:                                        | 34,5                    |
| <b>8 019 45 139</b>                                                               | <b>Axial drilling and milling head ER 25 AX UT</b>  |                         |
|                                                                                   | Weight [kg]:                                        | 6.160                   |
|                                                                                   | Notation:                                           | offset; 180° reversible |
|                                                                                   | Tool drive:                                         | Bevel gear              |
|                                                                                   | Shank size [mm]:                                    | 45.00                   |
|                                                                                   | Shank type:                                         | BMT                     |
|                                                                                   | Tool adaption:                                      | ER 25 A - u-tec         |
|                                                                                   | Gear ratio [i]:                                     | 2:1                     |
|                                                                                   | Torque max [Nm]:                                    | 50                      |
|                                                                                   | Rotation max [1/min]:                               | 3000                    |
|                                                                                   | Rotating direction:                                 | same                    |
|                                                                                   | Coolant:                                            | EXT                     |
|                                                                                   | Please note:                                        | stronger bearing        |
|                                                                                   | Offset [mm]:                                        | 69                      |
| <b>8 030 44 072</b>                                                               | <b>Radial drilling and milling head ER 20 AX UT</b> |                         |
|                                                                                   | Notation:                                           | 180° reversible         |
|                                                                                   | Tool drive:                                         | Bevel gear              |
|                                                                                   | Shank size [mm]:                                    | 45.00                   |
|                                                                                   | Shank type:                                         | BMT                     |
|                                                                                   | Tool adaption:                                      | ER 20 A - u-tec         |
|                                                                                   | Gear ratio [i]:                                     | 1:2                     |
|                                                                                   | Torque max [Nm]:                                    | 12                      |
|                                                                                   | Rotation max [1/min]:                               | 12000                   |
|                                                                                   | Rotating direction:                                 | opposite                |
|                                                                                   | Coolant:                                            | EXT                     |
|                                                                                   | Center distance [mm]:                               | 65                      |

| Part-#                                                                            | Name                                                |                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|
| <b>8 030 44 176</b>                                                               | <b>Radial drilling and milling head ER 20 AX UT</b> |                 |
|                                                                                   | Weight [kg]:                                        | 4.160           |
|                                                                                   | Notation:                                           | 180° reversible |
|                                                                                   | Tool drive:                                         | Bevel gear      |
|                                                                                   | Shank size [mm]:                                    | 45.00           |
|                                                                                   | Shank type:                                         | BMT             |
|                                                                                   | Tool adaption:                                      | ER 20 A - u-tec |
|                                                                                   | Gear ratio [i]:                                     | 1:1             |
|                                                                                   | Torque max [Nm]:                                    | 25              |
|                                                                                   | Rotation max [1/min]:                               | 6000            |
|                                                                                   | Rotating direction:                                 | opposite        |
|                                                                                   | Coolant:                                            | EXT             |
|                                                                                   | Please note:                                        | Combi bearing   |
|                                                                                   | Center distance [mm]:                               | 55              |
| <b>8 030 45 091</b>                                                               | <b>Radial drilling and milling head ER 25</b>       |                 |
|  | Notation:                                           | 180° reversible |
|                                                                                   | Tool drive:                                         | Bevel gear      |
|                                                                                   | Shank size [mm]:                                    | 45.00           |
|                                                                                   | Shank type:                                         | BMT             |
|                                                                                   | Tool adaption:                                      | ER 25           |
|                                                                                   | Gear ratio [i]:                                     | 1:1             |
|                                                                                   | Torque max [Nm]:                                    | 25              |
|                                                                                   | Rotation max [1/min]:                               | 6000            |
|                                                                                   | Rotating direction:                                 | opposite        |
|                                                                                   | Coolant:                                            | EXT             |
|                                                                                   | Center distance [mm]:                               | 55              |
| <b>8 030 45 119</b>                                                               | <b>Radial drilling and milling head ER 25 IC</b>    |                 |
|                                                                                   | Weight [kg]:                                        | 4.410           |
|                                                                                   | Notation:                                           | 180° reversible |
|                                                                                   | Tool drive:                                         | Bevel gear      |
|                                                                                   | Shank size [mm]:                                    | 45.00           |
|                                                                                   | Shank type:                                         | BMT             |
|                                                                                   | Tool adaption:                                      | ER 25           |
|                                                                                   | Gear ratio [i]:                                     | 1:1             |
|                                                                                   | Torque max [Nm]:                                    | 25              |
|                                                                                   | Rotation max [1/min]:                               | 6000            |
|                                                                                   | Rotating direction:                                 | opposite        |
|                                                                                   | Coolant:                                            | IC/Ext          |
|                                                                                   | Pressure max [bar]:                                 | 140             |
|                                                                                   | Center distance [mm]:                               | 55              |
| <b>8 030 45 125</b>                                                               | <b>Radial drilling and milling head ER 25</b>       |                 |
|                                                                                   | Notation:                                           | 180° reversible |
|                                                                                   | Tool drive:                                         | Bevel gear      |
|                                                                                   | Shank size [mm]:                                    | 45.00           |
|                                                                                   | Shank type:                                         | BMT             |
|                                                                                   | Tool adaption:                                      | ER 25           |
|                                                                                   | Gear ratio [i]:                                     | 1:2             |
|                                                                                   | Torque max [Nm]:                                    | 12              |
|                                                                                   | Rotation max [1/min]:                               | 12000           |
|                                                                                   | Rotating direction:                                 | opposite        |
|                                                                                   | Coolant:                                            | EXT             |
|                                                                                   | Center distance [mm]:                               | 65              |

| Part-#              | Name                                            |                       |
|---------------------|-------------------------------------------------|-----------------------|
| <b>8 030 46 286</b> | <b>Radial drilling and milling head HT 4</b>    |                       |
|                     | Notation:                                       | 180° reversible       |
|                     | Tool drive:                                     | Bevel gear            |
|                     | Shank size [mm]:                                | 45.00                 |
|                     | Shank type:                                     | BMT                   |
|                     | Tool adaption:                                  | HT 4                  |
|                     | Gear ratio [i]:                                 | 1:1                   |
|                     | Torque max [Nm]:                                | 25                    |
|                     | Rotation max [1/min]:                           | 6000                  |
|                     | Rotating direction:                             | opposite              |
|                     | Coolant:                                        | EXT                   |
|                     | Please note:                                    | Combi bearing         |
|                     | Center distance [mm]:                           | 55                    |
| <b>8 031 45 025</b> | <b>Radial milling head universal arbor 22</b>   |                       |
|                     | Weight [kg]:                                    | 4.360                 |
|                     | Notation:                                       | 180° reversible       |
|                     | Tool drive:                                     | Bevel gear            |
|                     | Shank size [mm]:                                | 45.00                 |
|                     | Shank type:                                     | BMT                   |
|                     | Tool adaption:                                  | Universal arbor 22    |
|                     | Gear ratio [i]:                                 | 1:1                   |
|                     | Torque max [Nm]:                                | 25                    |
|                     | Rotation max [1/min]:                           | 6000                  |
|                     | Rotating direction:                             | opposite              |
|                     | Coolant:                                        | EXT                   |
|                     | Please note:                                    | Combi bearing         |
|                     | Center distance [mm]:                           | 55                    |
| <b>8 039 45 023</b> | <b>Radial drilling and milling head ER 25</b>   |                       |
|                     | Weight [kg]:                                    | 4.520                 |
|                     | Notation:                                       | 180° reversible       |
|                     | Employment for:                                 | Main- and sub spindle |
|                     | Version:                                        | double spindle        |
|                     | Tool drive:                                     | Bevel gear            |
|                     | Shank size [mm]:                                | 45.00                 |
|                     | Shank type:                                     | BMT                   |
|                     | Tool adaption:                                  | ER 25                 |
|                     | Gear ratio [i]:                                 | 1:1                   |
|                     | Torque max [Nm]:                                | 25                    |
|                     | Rotation max [1/min]:                           | 6000                  |
|                     | Rotating direction:                             | same/opposite         |
|                     | Coolant:                                        | EXT                   |
|                     | Please note:                                    | stronger bearing      |
|                     | Center distance [mm]:                           | 55                    |
| <b>8 040 43 002</b> | <b>Universal head ± 90° adjustable ER 11 AX</b> |                       |
|                     | Weight [kg]:                                    | 3.530                 |
|                     | Tool drive:                                     | Bevel gear            |
|                     | Shank size [mm]:                                | 45.00                 |
|                     | 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]:                           | 55                    |

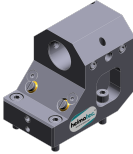
| Part-#              | Name                                                                    |
|---------------------|-------------------------------------------------------------------------|
| <b>8 040 44 017</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16</b>        |
|                     | Weight [kg]: 3.540                                                      |
|                     | Tool drive: Bevel gear                                                  |
|                     | Shank size [mm]: 45.00                                                  |
|                     | 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]: 55                                                |
| <b>8 043 44 011</b> | <b>Universal head <math>+105^\circ/-20^\circ</math> adj. ER16 AX UT</b> |
|                     | Weight [kg]: 6.170                                                      |
|                     | Notation: offset; 180° reversible                                       |
|                     | Tool drive: Bevel gear                                                  |
|                     | Shank size [mm]: 45.00                                                  |
|                     | 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]: 50                                                |
|                     | Offset [mm]: 35                                                         |
| <b>8 043 45 002</b> | <b>Universal head <math>+105^\circ/-20^\circ</math> adj. ER25 AX UT</b> |
|                     | Weight [kg]: 6.460                                                      |
|                     | Notation: offset; 180° reversible                                       |
|                     | Tool drive: Bevel gear                                                  |
|                     | Shank size [mm]: 45.00                                                  |
|                     | 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]: 50                                                |
|                     | Offset [mm]: 35                                                         |
| <b>8 050 44 004</b> | <b>Multispindle drilling head ER 16</b>                                 |
|                     | Weight [kg]: 4.300                                                      |
|                     | Tool drive: Bevel gear                                                  |
|                     | Shank size [mm]: 45.00                                                  |
|                     | Shank type: BMT                                                         |
|                     | Tool adaption: ER 16                                                    |
|                     | Gear ratio [i]: 1:1                                                     |
|                     | Torque max [Nm]: 10/Sp.                                                 |
|                     | Rotation max [1/min]: 6000                                              |
|                     | Rotating direction: opposite                                            |
|                     | Coolant: EXT                                                            |

| Part-#                                                                                   | Name                                        |                                        |
|------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------|
| <b>8 202 00 010</b>                                                                      | <b>Basic holder longitudinal seat FN 12</b> |                                        |
|         | Weight [kg]:                                | 0.920                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | Interface FN 12                        |
|                                                                                          | Coolant:                                    | EXT                                    |
| <b>8 224 03 016</b>                                                                      | <b>Universal turning holder sq. 3/4" IC</b> |                                        |
|  | Weight [kg]:                                | 2.630                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | Sq. 3/4" (19,05mm)                     |
|                                                                                          |                                             | Sq. 3/4" (19,05mm)                     |
|                                                                                          | Coolant:                                    | IC/Ext                                 |
|                                                                                          | Pressure max [bar]:                         | 100                                    |
|                                                                                          | Please note:                                | Key rail                               |
| <b>8 224 04 000</b>                                                                      | <b>Universal turning holder sq. 20</b>      |                                        |
|        | Weight [kg]:                                | 2.640                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | Sq. 20                                 |
|                                                                                          |                                             | Sq. 20                                 |
|                                                                                          | Coolant:                                    | EXT                                    |
| <b>8 224 04 035</b>                                                                      | <b>Universal turning holder sq. 20 IC</b>   |                                        |
|       | Weight [kg]:                                | 2.620                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | Sq. 20                                 |
|                                                                                          | Coolant:                                    | IC                                     |
| <b>8 224 04 068</b>                                                                      | <b>Universal turning holder sq. 20 IC</b>   |                                        |
|       | Weight [kg]:                                | 2.610                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | Sq. 20                                 |
|                                                                                          |                                             | Sq. 20                                 |
|                                                                                          | Coolant:                                    | IC/Ext                                 |
|                                                                                          | Pressure max [bar]:                         | 100                                    |
|                                                                                          | Please note:                                | Key rail                               |
| <b>8 229 05 004</b>                                                                      | <b>Tool holder C 3 IC</b>                   |                                        |
|                                                                                          | Weight [kg]:                                | 2.980                                  |
|                                                                                          | Notation:                                   | 180° reversible                        |
|                                                                                          | Version:                                    | right                                  |
|                                                                                          | Shank type:                                 | BMT                                    |
|                                                                                          | Machine adaption:                           | Centering bolt ø 12                    |
|                                                                                          | Tool adaption:                              | heimatec Capto(TM) C 3                 |
|                                                                                          | Coolant:                                    | IC                                     |
|                                                                                          | Please note:                                | Check applicability; note tool length! |

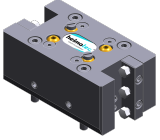
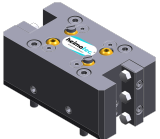
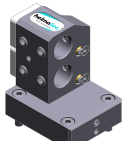


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| Part-#              | Name                          |                                        |
|---------------------|-------------------------------|----------------------------------------|
|                     | Offset [mm]:                  | 65                                     |
| <b>8 229 05 005</b> | <b>Tool holder C 3 IC</b>     |                                        |
|                     | Weight [kg]:                  | 1.590                                  |
|                     | Notation:                     | 180° reversible                        |
|                     | Version:                      | right                                  |
|                     | Shank type:                   | BMT                                    |
|                     | Machine adaption:             | Centering bolt ø 12                    |
|                     | Tool adaption:                | heimatec Capto(TM) C 3                 |
|                     | Coolant:                      | IC                                     |
|                     | Please note:                  | Check applicability; note tool length! |
|                     | Offset [mm]:                  | 27                                     |
| <b>8 240 05 034</b> | <b>Boring bar holder Ø 16</b> |                                        |
|                     | Weight [kg]:                  | 4.360                                  |
|                     | Notation:                     | 180° reversible                        |
|                     | Shank type:                   | BMT                                    |
|                     | Machine adaption:             | Centering bolt ø 12                    |
|                     | Tool adaption:                | Ø 16                                   |
|                     | Coolant:                      | IC/Ext                                 |
|                     | Center distance [mm]:         | 75                                     |
| <b>8 240 05 059</b> | <b>Tool holder C 3 IC</b>     |                                        |
|                     | Weight [kg]:                  | 4.130                                  |
|                     | Notation:                     | 180° reversible                        |
|                     | Version:                      | right                                  |
|                     | Shank type:                   | BMT                                    |
|                     | Machine adaption:             | Centering bolt ø 12                    |
|                     | Tool adaption:                | heimatec Capto(TM) C 3                 |
|                     | Coolant:                      | IC                                     |
|                     | Please note:                  | Check applicability; note tool length! |
|                     | Center distance [mm]:         | 80                                     |
| <b>8 240 05 060</b> | <b>Tool holder C 3 IC</b>     |                                        |
|                     | Weight [kg]:                  | 3.190                                  |
|                     | Notation:                     | 180° reversible                        |
|                     | Version:                      | offset; right                          |
|                     | Shank type:                   | BMT                                    |
|                     | Machine adaption:             | Centering bolt ø 12                    |
|                     | Tool adaption:                | heimatec Capto(TM) C 3                 |
|                     | Coolant:                      | IC                                     |
|                     | Please note:                  | Check applicability; note tool length! |
|                     | Center distance [mm]:         | 80                                     |
| <b>8 240 06 034</b> | <b>Boring bar holder Ø 20</b> |                                        |
|                     | Weight [kg]:                  | 4.280                                  |
|                     | Notation:                     | 180° reversible                        |
|                     | Shank type:                   | BMT                                    |
|                     | Machine adaption:             | Centering bolt ø 12                    |
|                     | Tool adaption:                | Ø 20                                   |
|                     | Coolant:                      | IC/Ext                                 |
|                     | Center distance [mm]:         | 75                                     |

| Part-#                                                                              | Name                               |                     |
|-------------------------------------------------------------------------------------|------------------------------------|---------------------|
| <b>8 240 07 038</b>                                                                 | <b>Boring bar holder Ø 25</b>      |                     |
|                                                                                     | Weight [kg]:                       | 4.160               |
|                                                                                     | Notation:                          | 180° reversible     |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt ø 12 |
|                                                                                     | Tool adaption:                     | Ø 25                |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |
| <b>8 240 07 050</b>                                                                 | <b>Boring bar holder Ø 1 1/4 "</b> |                     |
|                                                                                     | Weight [kg]:                       | 3.790               |
|                                                                                     | Notation:                          | offset              |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt ø 12 |
|                                                                                     | Tool adaption:                     | Ø 1 1/4" (31,75mm)  |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |
| <b>8 240 08 000</b>                                                                 | <b>Boring bar holder Ø 32</b>      |                     |
|   | Weight [kg]:                       | 3.740               |
|                                                                                     | Notation:                          | offset              |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt ø 12 |
|                                                                                     | Tool adaption:                     | Ø 32                |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |
| <b>8 240 08 046</b>                                                                 | <b>Boring bar holder Ø 32</b>      |                     |
|                                                                                     | Weight [kg]:                       | 3.940               |
|                                                                                     | Notation:                          | 180° reversible     |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt ø 12 |
|                                                                                     | Tool adaption:                     | Ø 32                |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |
| <b>8 240 08 074</b>                                                                 | <b>Boring bar holder Ø 1 1/2"</b>  |                     |
|                                                                                     | Weight [kg]:                       | 4.000               |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt ø 12 |
|                                                                                     | Tool adaption:                     | Ø 1 1/2" (38,1mm)   |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |
| <b>8 240 09 002</b>                                                                 | <b>Boring bar holder Ø 40</b>      |                     |
|  | Weight [kg]:                       | 2.660               |
|                                                                                     | Version:                           | offset              |
|                                                                                     | Shank type:                        | BMT                 |
|                                                                                     | Machine adaption:                  | Centering bolt Ø 12 |
|                                                                                     | Tool adaption:                     | Ø 40                |
|                                                                                     | Coolant:                           | IC/Ext              |
|                                                                                     | Center distance [mm]:              | 75                  |

| Part-#       | Name                               |                                        |
|--------------|------------------------------------|----------------------------------------|
| 8 240 09 013 | <b>Boring bar holder Ø 40</b>      |                                        |
|              | Weight [kg]:                       | 3.950                                  |
|              | Shank type:                        | BMT                                    |
|              | Machine adaption:                  | Centering bolt Ø 12                    |
|              | Tool adaption:                     | Ø 40                                   |
|              | Coolant:                           | IC/Ext                                 |
|              | Center distance [mm]:              | 75                                     |
| 8 244 04 019 | <b>Combi facing holder sq. 20</b>  |                                        |
|              | Weight [kg]:                       | 3.700                                  |
|              | Shank type:                        | BMT                                    |
|              | Machine adaption:                  | Centering bolt ø 12                    |
|              | Tool adaption:                     | Sq. 20                                 |
|              | Coolant:                           | EXT                                    |
| 8 249 05 008 | <b>Double tool holder C 3 IC</b>   |                                        |
|              | Weight [kg]:                       | 4.860                                  |
|              | Employment for:                    | Main- and sub spindle                  |
|              | Version:                           | right                                  |
|              | Shank type:                        | BMT                                    |
|              | Machine adaption:                  | Centering bolt ø 12                    |
|              | Tool adaption:                     | heimatec Capto(TM) C 3                 |
|              |                                    | heimatec Capto(TM) C 3                 |
|              | Coolant:                           | IC                                     |
|              | Please note:                       | Check applicability; note tool length! |
|              | Center distance [mm]:              | 80                                     |
| 8 250 05 002 | <b>Multiple tool holder C 3 IC</b> |                                        |
|              | Weight [kg]:                       | 2.140                                  |
|              | Employment for:                    | Main- and sub spindle                  |
|              | Version:                           | right                                  |
|              | Shank type:                        | BMT                                    |
|              | Machine adaption:                  | Centering bolt ø 12                    |
|              | Tool adaption:                     | heimatec Capto(TM) C 3                 |
|              |                                    | heimatec Capto(TM) C 3                 |
|              | Coolant:                           | IC                                     |
|              | Please note:                       | Check applicability; note tool length! |
|              | Offset [mm]:                       | 27                                     |
|              |                                    | 27                                     |
| 8 250 05 003 | <b>Multiple tool holder C 3 IC</b> |                                        |
|              | Weight [kg]:                       | 3.730                                  |
|              | Employment for:                    | Main- and sub spindle                  |
|              | Version:                           | right                                  |
|              | Shank type:                        | BMT                                    |
|              | Machine adaption:                  | Centering bolt ø 12                    |
|              | Tool adaption:                     | heimatec Capto(TM) C 3                 |
|              |                                    | heimatec Capto(TM) C 3                 |
|              | Coolant:                           | IC                                     |
|              | Please note:                       | Check applicability; note tool length! |
|              | Offset [mm]:                       | 65                                     |
|              |                                    | 65                                     |

| Part-#                                                                              | Name                                          |                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------|
| <b>8 251 03 002</b>                                                                 | <b>Combi double turning holder sq. 3/4"IC</b> |                         |
|    | Weight [kg]:                                  | 4.360                   |
|                                                                                     | Notation:                                     | 180° reversible         |
|                                                                                     | Shank type:                                   | BMT                     |
|                                                                                     | Machine adaption:                             | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                                | Sq. 3/4" (19,05mm)      |
|                                                                                     |                                               | Sq. 3/4" (19,05mm)      |
|                                                                                     |                                               | Sq. 3/4" (19,05mm)      |
|                                                                                     |                                               | Sq. 3/4" (19,05mm)      |
|                                                                                     | Coolant:                                      | IC/Ext                  |
|                                                                                     | Pressure max [bar]:                           | 100                     |
|                                                                                     | Please note:                                  | Key rail                |
| <b>8 251 04 002</b>                                                                 | <b>Combi double turning holder sq. 20</b>     |                         |
|    | Weight [kg]:                                  | 4.380                   |
|                                                                                     | Notation:                                     | 180° reversible         |
|                                                                                     | Shank type:                                   | BMT                     |
|                                                                                     | Machine adaption:                             | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                                | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     | Coolant:                                      | EXT                     |
| <b>8 251 04 003</b>                                                                 | <b>Combi double turning holder sq. 3/4"</b>   |                         |
|  | Weight [kg]:                                  | 4.410                   |
|                                                                                     | Notation:                                     | 180° reversible         |
|                                                                                     | Shank type:                                   | BMT                     |
|                                                                                     | Machine adaption:                             | Centering bolt ø 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                     |
| <b>8 251 04 059</b>                                                                 | <b>Combi double turning holder sq. 20 IC</b>  |                         |
|  | Weight [kg]:                                  | 4.360                   |
|                                                                                     | Notation:                                     | 180° reversible         |
|                                                                                     | Shank type:                                   | BMT                     |
|                                                                                     | Machine adaption:                             | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                                | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     |                                               | Sq. 20                  |
|                                                                                     | Coolant:                                      | IC/Ext                  |
|                                                                                     | Pressure max [bar]:                           | 100                     |
|                                                                                     | Please note:                                  | Key rail                |
| <b>8 253 07 000</b>                                                                 | <b>Double boring bar holder Ø 25</b>          |                         |
|  | Weight [kg]:                                  | 2.320                   |
|                                                                                     | Notation:                                     | offset, 180° reversible |
|                                                                                     | Shank type:                                   | BMT                     |
|                                                                                     | Machine adaption:                             | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                                | Ø 25                    |
|                                                                                     |                                               | Ø 25                    |
|                                                                                     | Coolant:                                      | IC/Ext                  |

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BNJ 42 S/SY - Kegelrad

| Part-#                                                                              | Name                                     |                         |
|-------------------------------------------------------------------------------------|------------------------------------------|-------------------------|
|                                                                                     | Center distance [mm]:                    | 50/85                   |
| <b>8 253 07 003</b>                                                                 | <b>Multiple boring bar holder Ø 1"</b>   |                         |
|    | Weight [kg]:                             | 2.530                   |
|                                                                                     | Notation:                                | offset, 180° reversible |
|                                                                                     | Shank type:                              | BMT                     |
|                                                                                     | Machine adaption:                        | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                           | Ø 1" (25,4mm)           |
|                                                                                     |                                          | Ø 1" (25,4mm)           |
|                                                                                     | Coolant:                                 | IC/Ext                  |
|                                                                                     | Center distance [mm]:                    | 50/85                   |
| <b>8 253 07 004</b>                                                                 | <b>Double boring bar holder Ø 1"</b>     |                         |
|    | Weight [kg]:                             | 3.740                   |
|                                                                                     | Notation:                                | 180° reversible         |
|                                                                                     | Shank type:                              | BMT                     |
|                                                                                     | Machine adaption:                        | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                           | Ø 1" (25,4mm)           |
|                                                                                     |                                          | Ø 1" (25,4mm)           |
|                                                                                     | Coolant:                                 | IC/Ext                  |
|                                                                                     | Center distance [mm]:                    | 50/85                   |
| <b>8 253 07 006</b>                                                                 | <b>Double boring bar holder Ø 25</b>     |                         |
|  | Weight [kg]:                             | 3.710                   |
|                                                                                     | Notation:                                | 180° reversible         |
|                                                                                     | Shank type:                              | BMT                     |
|                                                                                     | Machine adaption:                        | Centering bolt Ø 12     |
|                                                                                     | Tool adaption:                           | Ø 25                    |
|                                                                                     |                                          | Ø 25                    |
|                                                                                     | Coolant:                                 | IC/Ext                  |
|                                                                                     | Center distance [mm]:                    | 50/85                   |
| <b>8 259 01 006</b>                                                                 | <b>Multiple turning holder 4x sq. 20</b> |                         |
|                                                                                     | Weight [kg]:                             | 4.700                   |
|                                                                                     | Employment for:                          | Main- and sub spindle   |
|                                                                                     | Version:                                 | Y-axes offset           |
|                                                                                     | Shank type:                              | BMT                     |
|                                                                                     | Machine adaption:                        | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                           | Sq. 20                  |
|                                                                                     |                                          | Sq. 20                  |
|                                                                                     |                                          | Sq. 20                  |
|                                                                                     |                                          | Sq. 20                  |
|                                                                                     | Coolant:                                 | EXT                     |
| <b>8 259 09 001</b>                                                                 | <b>Multiple holder ø25 and sq. 20</b>    |                         |
|                                                                                     | Weight [kg]:                             | 3.980                   |
|                                                                                     | Notation:                                | 180° reversible         |
|                                                                                     | Shank type:                              | BMT                     |
|                                                                                     | Machine adaption:                        | Centering bolt ø 12     |
|                                                                                     | Tool adaption:                           | ø25/ sq. 20             |
|                                                                                     |                                          | ø25/ sq. 20             |
|                                                                                     | Coolant:                                 | IC/Ext                  |
|                                                                                     | Center distance [mm]:                    | 50/85                   |

| Part-#              | Name                                              |                               |
|---------------------|---------------------------------------------------|-------------------------------|
| <b>8 261 08 000</b> | <b>Tool holder for centering insert</b>           |                               |
|                     | Weight [kg]:                                      | 5.270                         |
|                     | Notation:                                         | 180° reversible               |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt Ø 12           |
|                     | Tool adaption:                                    | Ø 32                          |
|                     | Coolant:                                          | EXT                           |
|                     | Please note:                                      | Price without centering point |
|                     | Center distance [mm]:                             | 55                            |
| <b>8 263 09 000</b> | <b>Tool holder with rotating centering point</b>  |                               |
|                     | Weight [kg]:                                      | 4.070                         |
|                     | Notation:                                         | 180° reversible               |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt ø 12           |
|                     | Rotation max [1/min]:                             | 6000                          |
|                     | Coolant:                                          | EXT                           |
|                     | Please note:                                      | Taper roller bearings         |
|                     | Center distance [mm]:                             | 75                            |
| <b>8 263 09 007</b> | <b>Tool holder with rotating centering point</b>  |                               |
|                     | Weight [kg]:                                      | 6.410                         |
|                     | Notation:                                         | 180° reversible; offset       |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt ø 12           |
|                     | Rotation max [1/min]:                             | 6000                          |
|                     | Coolant:                                          | EXT                           |
|                     | Center distance [mm]:                             | 85                            |
| <b>8 320 02 017</b> | <b>Cut-off holder, height adjustable SH 26 IC</b> |                               |
|                     | Notation:                                         | 180° reversible               |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt ø 12           |
|                     | Tool adaption:                                    | Clampshaft SH 26              |
|                     | Coolant:                                          | IC/Ext                        |
|                     | Pressure max [bar]:                               | 70                            |
| <b>8 320 02 018</b> | <b>Cut-off holder, height adjustable SH 26 IC</b> |                               |
|                     | Notation:                                         | 180° reversible               |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt ø 12           |
|                     | Tool adaption:                                    | Clampshaft SH 26              |
|                     | Coolant:                                          | IC/Ext                        |
|                     | Pressure max [bar]:                               | 70                            |
|                     | Please note:                                      | Clampshaft internal           |
| <b>8 320 03 007</b> | <b>Cut-off holder, height adjustable SH 32 IC</b> |                               |
|                     | Weight [kg]:                                      | 1.520                         |
|                     | Notation:                                         | 180° reversible               |
|                     | Shank type:                                       | BMT                           |
|                     | Machine adaption:                                 | Centering bolt ø 12           |
|                     | Tool adaption:                                    | Clampshaft SH 32              |
|                     | Coolant:                                          | IC/Ext                        |
|                     | Pressure max [bar]:                               | 140                           |



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| Part-#       | Name                                                                                                                                                                                                                                                                                             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 320 09 003 | <b>Cut-off holder, height adjustable 845 IC</b><br>Notation: 180° reversible<br>Shank type: BMT<br>Machine adaption: Centering bolt ø 12<br>Tool adaption:  System 845<br>Coolant: IC<br>Pressure max [bar]: 70 |



● heimatec overseas branches

○ global representations of heimatec

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