

Emco  
**ET 465 DS**  
**(Fixierstift)**



# 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

This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

**heimatec GmbH** reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

The current version of our General Terms and Conditions can be found on our website.

| Part-#  | Name   |                                  |
|---|--|----------------------------------|
| <b>8 010 24 067</b>   | <b>Axial drilling and milling head Weldon 14</b>   |                                  |
|   | Version:   | Special                          |
|   | Tool drive:  | DIN 5480                         |
|   | Shank size [mm]:                                   | 30.00                            |
|   | Shank type:  | VDI                              |
|   | Tool adaption:                                     | Weldon (DIN 1835 b) 14           |
|   | Gear ratio [i]:                                    | 1:1                              |
|   | Torque max [Nm]:                                   | 25                               |
|   | Rotation max [1/min]:                              | 6000                             |
|   | Rotating direction:                                | same                             |
|   | Coolant:   | EXT                              |
|   | Please note:                                       | stronger bearing, special length |
| <b>8 010 25 090</b>   | <b>Axial drilling and milling head ER 25</b>       |                                  |
|    | Weight [kg]:                                       | 1.580                            |
|   | Tool drive:  | DIN 5480                         |
|   | Shank size [mm]:                                   | 30.00                            |
|   | Shank type:  | VDI                              |
|   | Tool adaption:                                     | ER 25                            |
|   | Gear ratio [i]:                                    | 1:1                              |
|   | Torque max [Nm]:                                   | 25                               |
|   | Rotation max [1/min]:                              | 6000                             |
|   | Rotating direction:                                | same                             |
|   | Coolant:   | EXT                              |
|   | Please note:                                       | round housing ø 68               |
| <b>8 010 25 091</b>   | <b>Axial drilling and milling head ER 25 IC</b>    |                                  |
|  | Weight [kg]:                                       | 1.830                            |
|   | Tool drive:  | DIN 5480                         |
|   | Shank size [mm]:                                   | 30.00                            |
|   | Shank type:  | VDI                              |
|   | Tool adaption:                                     | ER 25                            |
|   | Gear ratio [i]:                                    | 1:1                              |
|   | Torque max [Nm]:                                   | 25                               |
|   | Rotation max [1/min]:                              | 6000                             |
|   | Rotating direction:                                | same                             |
|   | Coolant:   | IC/Ext                           |
|   | Pressure max [bar]:                                | 25                               |
|   | Please note:                                       | round housing ø 68               |
| <b>8 010 25 118</b>   | <b>Axial drilling and milling head ER 25 AX UT</b> |                                  |
|  | Weight [kg]:                                       | 1.780                            |
|   | Tool drive:  | DIN 5480                         |
|   | Shank size [mm]:                                   | 30.00                            |
|   | Shank type:  | VDI                              |
|   | Tool adaption:                                     | ER 25 A - u-tec                  |
|   | Gear ratio [i]:                                    | 1:1                              |
|   | Torque max [Nm]:                                   | 25                               |
|   | Rotation max [1/min]:                              | 12000                            |
|   | Rotating direction:                                | same                             |
|   | Coolant:   | EXT                              |
|   | Please note:                                       | stronger bearing                 |

| Part-#  | Name  |                        |
|---|---|------------------------|
| <b>8 010 25 119</b>   | <b>Axial drilling and milling head ER 25 AX UT IC</b> |                        |
|  | Weight [kg]:  | 1.780                  |
|   | Tool drive:   | DIN 5480               |
|   | Shank size [mm]:                                      | 30.00                  |
|   | Shank type:   | VDI                    |
|   | Tool adaption:  | ER 25 A - u-tec        |
|   | Gear ratio [i]:                                       | 1:1                    |
|   | Torque max [Nm]:                                      | 25                     |
|   | Rotation max [1/min]:                                 | 6000                   |
|   | Rotating direction:                                   | same                   |
|   | Coolant:  | IC/Ext                 |
|   | Pressure max [bar]:                                   | 25                     |
|   | Please note:  | round housing ø 68     |
| <b>8 013 22 000</b>   | <b>Axial drilling and milling head Weldon 6</b>       |                        |
|   | Version:  | left                   |
|   | Tool drive:   | DIN 5480               |
|   | Shank size [mm]:                                      | 30.00                  |
|   | Shank type:   | VDI                    |
|   | Tool adaption:  | Weldon (DIN 1835 b) 6  |
|   | Gear ratio [i]:                                       | 1:2                    |
|   | Torque max [Nm]:                                      | 8                      |
|   | Rotation max [1/min]:                                 | 8000                   |
|   | Rotating direction:                                   | same                   |
|   | Coolant:  | EXT                    |
| <b>8 013 24 014</b>   | <b>Axial drilling and milling head Weldon 10</b>      |                        |
|   | Version:  | left                   |
|   | Tool drive:   | DIN 5480               |
|   | Shank size [mm]:                                      | 30.00                  |
|   | Shank type:   | VDI                    |
|   | Tool adaption:  | Weldon (DIN 1835 b) 10 |
|   | Gear ratio [i]:                                       | 1:2                    |
|   | Torque max [Nm]:                                      | 8                      |
|   | Rotation max [1/min]:                                 | 8000                   |
|   | Rotating direction:                                   | same                   |
|   | Coolant:  | EXT                    |
| <b>8 013 25 004</b>   | <b>Axial drilling and milling head ER 25</b>          |                        |
|   | Weight [kg]:  | 4.440                  |
|   | Version:  | left                   |
|   | Tool drive:   | DIN 5480               |
|   | Shank size [mm]:                                      | 30.00                  |
|   | Shank type:   | VDI                    |
|   | Tool adaption:  | ER 25                  |
|   | Gear ratio [i]:                                       | 2:1                    |
|   | Torque max [Nm]:                                      | 40                     |
|   | Rotation max [1/min]:                                 | 3000                   |
|   | Rotating direction:                                   | same                   |
|   | Coolant:  | EXT                    |
|   | Please note:  | stronger bearing       |

| Part-#              | Name   |                               |
|---------------------|--|-------------------------------|
| <b>8 013 25 007</b> | <b>Axial drilling and milling head Weldon 16</b> |                               |
|                     | Weight [kg]:                                     | 4.320                         |
|                     | Version:   | left                          |
|                     | Tool drive:                                      | DIN 5480                      |
|                     | Shank size [mm]:                                 | 30.00                         |
|                     | Shank type:                                      | VDI                           |
|                     | Tool adaption:                                   | Weldon (DIN 1835 b) 16        |
|                     | Gear ratio [i]:                                  | 1:2                           |
|                     | Torque max [Nm]:                                 | 8                             |
|                     | Rotation max [1/min]:                            | 8000                          |
|                     | Rotating direction:                              | same                          |
|                     | Coolant:   | EXT                           |
|                     | Please note:                                     | stronger bearing              |
| <b>8 014 25 002</b> | <b>Axial milling head universal arbor 22</b>     |                               |
|                     | Tool drive:                                      | DIN 5480                      |
|                     | Shank size [mm]:                                 | 30.00                         |
|                     | Shank type:                                      | VDI                           |
|                     | Tool adaption:                                   | Universal arbor 22            |
|                     | Gear ratio [i]:                                  | 2:1                           |
|                     | Torque max [Nm]:                                 | 40                            |
|                     | Rotation max [1/min]:                            | 3000                          |
|                     | Rotating direction:                              | same                          |
|                     | Coolant:   | EXT                           |
|                     | Please note:                                     | stronger bearing              |
| <b>8 018 24 002</b> | <b>Axial drilling and milling head ER 16 AX</b>  |                               |
|                     | Weight [kg]:                                     | 2.800                         |
|                     | Notation:  | Y-axes adjustable $\pm$ 21 mm |
|                     | Tool drive:                                      | DIN 5480                      |
|                     | Shank size [mm]:                                 | 30.00                         |
|                     | Shank type:                                      | VDI                           |
|                     | Tool adaption:                                   | ER 16 A                       |
|                     | Gear ratio [i]:                                  | 1:1                           |
|                     | Torque max [Nm]:                                 | 16                            |
|                     | Rotation max [1/min]:                            | 6000                          |
|                     | Rotating direction:                              | opposite                      |
|                     | Coolant:   | EXT                           |
| <b>8 019 22 001</b> | <b>Axial drilling and milling head ER 8 M</b>    |                               |
|                     | Notation:  | offset                        |
|                     | Version:   | Special; left                 |
|                     | Tool drive:                                      | DIN 5480                      |
|                     | Shank size [mm]:                                 | 30.00                         |
|                     | Shank type:                                      | VDI                           |
|                     | Tool adaption:                                   | ER 8                          |
|                     | Gear ratio [i]:                                  | 1:2,174                       |
|                     | Torque max [Nm]:                                 | 5                             |
|                     | Rotation max [1/min]:                            | 9000                          |
|                     | Rotating direction:                              | opposite                      |
|                     | Coolant:   | EXT                           |
|                     | Please note:                                     | Special version               |
|                     | Offset [mm]:                                     | 70                            |

| Part-#              | Name   |                  |
|---------------------|--|------------------|
| <b>8 019 25 021</b> | <b>Axial drilling and milling head ER 25</b>     |                  |
|                     | Weight [kg]:                                     | 4.320            |
|                     | Notation:  | offset           |
|                     | Version:   | left             |
|                     | Tool drive:                                      | DIN 5480         |
|                     | Shank size [mm]:                                 | 30.00            |
|                     | Shank type:                                      | VDI              |
|                     | Tool adaption:                                   | ER 25            |
|                     | Gear ratio [i]:                                  | 1:2              |
|                     | Torque max [Nm]:                                 | 12               |
|                     | Rotation max [1/min]:                            | 12000            |
|                     | Rotating direction:                              | opposite         |
|                     | Coolant:   | EXT              |
|                     | Please note:                                     | stronger bearing |
|                     | Offset [mm]:                                     | 34,5             |
| <b>8 019 25 027</b> | <b>Axial drilling and milling head ER 25 IC</b>  |                  |
|                     | Weight [kg]:                                     | 4.360            |
|                     | Notation:  | offset           |
|                     | Version:   | left             |
|                     | Tool drive:                                      | DIN 5480         |
|                     | Shank size [mm]:                                 | 30.00            |
|                     | Shank type:                                      | VDI              |
|                     | Tool adaption:                                   | ER 25            |
|                     | Gear ratio [i]:                                  | 1:3              |
|                     | Torque max [Nm]:                                 | 6                |
|                     | Rotation max [1/min]:                            | 15000            |
|                     | Rotating direction:                              | opposite         |
|                     | Coolant:   | IC/Ext           |
|                     | Pressure max [bar]:                              | 25               |
|                     | Please note:                                     | stronger bearing |
|                     | Offset [mm]:                                     | 34,5             |
| <b>8 019 26 002</b> | <b>Axial drilling and milling head HT 4 IC</b>   |                  |
|                     | Weight [kg]:                                     | 4.300            |
|                     | Notation:  | offset           |
|                     | Version:   | right            |
|                     | Tool drive:                                      | DIN 5480         |
|                     | Shank size [mm]:                                 | 30.00            |
|                     | Shank type:                                      | VDI              |
|                     | Tool adaption:                                   | HT 4             |
|                     | Gear ratio [i]:                                  | 1:2              |
|                     | Torque max [Nm]:                                 | 12               |
|                     | Rotation max [1/min]:                            | 12000            |
|                     | Rotating direction:                              | opposite         |
|                     | Coolant:   | IC/Ext           |
|                     | Pressure max [bar]:                              | 25               |
|                     | Offset [mm]:                                     | 34,5             |
| <b>8 030 24 037</b> | <b>Radial drilling and milling head ER 20 AX</b> |                  |
|                     | Tool drive:                                      | DIN 5480         |
|                     | Shank size [mm]:                                 | 30.00            |
|                     | Shank type:                                      | VDI              |
|                     | Tool adaption:                                   | ER 20 A          |
|                     | Gear ratio [i]:                                  | 1:2              |
|                     | Torque max [Nm]:                                 | 8                |
|                     | Rotation max [1/min]:                            | 12000            |
|                     | Rotating direction:                              | opposite         |

| Part-#              | Name   |                                   |
|---------------------|--|-----------------------------------|
|                     | Coolant:   | EXT                               |
|                     | Please note:                                     | Old turret locator distance 46 mm |
|                     | Center distance [mm]:                            | 100                               |
| <b>8 030 24 067</b> | <b>Radial drilling and milling head ER 20 AX</b> |                                   |
|                     | Tool drive:                                      | DIN 5480                          |
|                     | Shank size [mm]:                                 | 30.00                             |
|                     | Shank type:                                      | VDI                               |
|                     | Tool adaption:                                   | ER 20 A                           |
|                     | Gear ratio [i]:                                  | 1:2                               |
|                     | Torque max [Nm]:                                 | 8                                 |
|                     | Rotation max [1/min]:                            | 8000                              |
|                     | Rotating direction:                              | opposite                          |
|                     | Coolant:   | EXT                               |
|                     | Center distance [mm]:                            | 100                               |
| <b>8 030 25 021</b> | <b>Radial drilling and milling head ER 25</b>    |                                   |
|                     | Weight [kg]:                                     | 3.970                             |
|                     | Version:   | right                             |
|                     | Tool drive:                                      | DIN 5480                          |
|                     | Shank size [mm]:                                 | 30.00                             |
|                     | Shank type:                                      | VDI                               |
|                     | 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]:                            | 100                               |
| <b>8 030 25 055</b> | <b>Radial drilling and milling head ER 25</b>    |                                   |
|                     | Weight [kg]:                                     | 4.020                             |
|                     | Version:   | left                              |
|                     | Tool drive:                                      | DIN 5480                          |
|                     | Shank size [mm]:                                 | 30.00                             |
|                     | Shank type:                                      | VDI                               |
|                     | 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]:                            | 100                               |
| <b>8 030 26 054</b> | <b>Radial drilling and milling head HT 4 IC</b>  |                                   |
|                     | Weight [kg]:                                     | 5.060                             |
|                     | Version:   | left                              |
|                     | Tool drive:                                      | DIN 5480                          |
|                     | Shank size [mm]:                                 | 30.00                             |
|                     | Shank type:                                      | VDI                               |
|                     | Tool adaption:                                   | HT 4                              |
|                     | Gear ratio [i]:                                  | 1:3                               |
|                     | Torque max [Nm]:                                 | 8                                 |
|                     | Rotation max [1/min]:                            | 15000                             |
|                     | Rotating direction:                              | opposite                          |
|                     | Coolant:   | IC/Ext                            |
|                     | Pressure max [bar]:                              | 25                                |
|                     | Center distance [mm]:                            | 100                               |

| Part-#              | Name  |                    |
|---------------------|---|--------------------|
| <b>8 030 26 055</b> | <b>Radial drilling and milling head HT 4</b>    |                    |
|                     | Weight [kg]:                                    | 4.820              |
|                     | Version:  | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 30.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | HT 4               |
|                     | Gear ratio [i]:                                 | 1:3                |
|                     | Torque max [Nm]:                                | 8                  |
|                     | Rotation max [1/min]:                           | 15000              |
|                     | Rotating direction:                             | opposite           |
|                     | Coolant:  | EXT                |
|                     | Center distance [mm]:                           | 100                |
| <b>8 030 26 056</b> | <b>Radial drilling and milling head HT 4 IC</b> |                    |
|                     | Weight [kg]:                                    | 5.040              |
|                     | Version:  | right              |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 30.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | HT 4               |
|                     | Gear ratio [i]:                                 | 1:3                |
|                     | Torque max [Nm]:                                | 8                  |
|                     | Rotation max [1/min]:                           | 15000              |
|                     | Rotating direction:                             | opposite           |
|                     | Coolant:  | IC/Ext             |
|                     | Pressure max [bar]:                             | 25                 |
|                     | Center distance [mm]:                           | 100                |
| <b>8 031 26 016</b> | <b>Radial milling head universal arbor 27</b>   |                    |
|                     | Weight [kg]:                                    | 3.430              |
|                     | Version:  | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 30.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | Universal arbor 27 |
|                     | 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]:                           | 64                 |
| <b>8 033 26 017</b> | <b>Radial drilling and milling head HT 4 IC</b> |                    |
|                     | Weight [kg]:                                    | 5.860              |
|                     | Notation:                                       | offset             |
|                     | Version:  | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 30.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | HT 4               |
|                     | Gear ratio [i]:                                 | 1:3                |
|                     | Torque max [Nm]:                                | 8                  |
|                     | Rotation max [1/min]:                           | 12000              |
|                     | Rotating direction:                             | same               |
|                     | Coolant:  | IC/Ext             |
|                     | Pressure max [bar]:                             | 25                 |

| Part-#              | Name  |                 |
|---------------------|---|-----------------|
|                     | Center distance [mm]:                               | 100             |
| <b>8 033 26 018</b> | <b>Radial drilling and milling head HT 4</b>        |                 |
|                     | Weight [kg]:  | 5.640           |
|                     | Notation:   | offset          |
|                     | Version:  | left            |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                    | 30.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:                                      | HT 4            |
|                     | Gear ratio [i]:                                     | 1:3             |
|                     | Torque max [Nm]:                                    | 8               |
|                     | Rotation max [1/min]:                               | 12000           |
|                     | Rotating direction:                                 | same            |
|                     | Coolant:  | EXT             |
|                     | Center distance [mm]:                               | 100             |
| <b>8 036 25 002</b> | <b>Radial drilling and milling head ER 25 IC</b>    |                 |
|                     | Weight [kg]:  | 3.990           |
|                     | Version:  | doubletoothed   |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                    | 30.00           |
|                     | Shank type:   | VDI             |
|                     | 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]:                               | 100             |
| <b>8 036 25 003</b> | <b>Radial drilling and milling head ER 25</b>       |                 |
|                     | Weight [kg]:  | 3.990           |
|                     | Version:  | doubletoothed   |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                    | 30.00           |
|                     | Shank type:   | VDI             |
|                     | 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]:                               | 100             |
| <b>8 036 25 041</b> | <b>Radial drilling and milling head ER 25 AX UT</b> |                 |
|                     | Weight [kg]:  | 4.220           |
|                     | Notation:   | 180° reversible |
|                     | Version:  | doubletoothed   |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                    | 30.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:                                      | ER 25 A - u-tec |
|                     | Gear ratio [i]:                                     | 1:1             |
|                     | Torque max [Nm]:                                    | 25              |
|                     | Rotation max [1/min]:                               | 6000            |
|                     | Rotating direction:                                 | opposite        |

| Part-#              | Name   |                    |
|---------------------|--|--------------------|
|                     | Coolant:   | EXT                |
|                     | Please note:   | stronger bearing   |
|                     | Center distance [mm]:                                  | 100                |
| <b>8 036 25 042</b> | <b>Radial drilling and milling head ER 25 AX UT IC</b> |                    |
|                     | Weight [kg]:   | 4.640              |
|                     | Notation:  | 180° reversible    |
|                     | Version:   | doubletoothed      |
|                     | Tool drive:  | DIN 5480           |
|                     | Shank size [mm]:                                       | 30.00              |
|                     | Shank type:  | VDI                |
|                     | 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]:                                    | 140                |
|                     | Please note:   | stronger bearing   |
|                     | Center distance [mm]:                                  | 100                |
| <b>8 037 25 005</b> | <b>Woodruff keycutter ER 25 AX</b>                     |                    |
|                     | Weight [kg]:   | 7.040              |
|                     | Tool drive:  | DIN 5480           |
|                     | Shank size [mm]:                                       | 30.00              |
|                     | Shank type:  | VDI                |
|                     | Tool adaption:   | ER 25 A            |
|                     | Gear ratio [i]:  | 1,333:1            |
|                     | Torque max [Nm]:                                       | 32                 |
|                     | Rotation max [1/min]:                                  | 2250               |
|                     | Rotating direction:                                    | same               |
|                     | Coolant:   | EXT                |
| <b>8 039 24 008</b> | <b>Radial drilling and milling head ER 20</b>          |                    |
|                     | Version:   | double spindle     |
|                     | Tool drive:  | DIN 5480           |
|                     | Shank size [mm]:                                       | 30.00              |
|                     | Shank type:  | VDI                |
|                     | Tool adaption:   | ER 20              |
|                     | Gear ratio [i]:  | 1:1                |
|                     | Torque max [Nm]:                                       | 16                 |
|                     | Rotation max [1/min]:                                  | 6000               |
|                     | Rotating direction:                                    | same/opposite      |
|                     | Coolant:   | EXT                |
|                     | Center distance [mm]:                                  | 100                |
| <b>8 039 24 011</b> | <b>Radial milling head universal arbor 16</b>          |                    |
|                     | Version:   | double spindle     |
|                     | Tool drive:  | DIN 5480           |
|                     | Shank size [mm]:                                       | 30.00              |
|                     | Shank type:  | VDI                |
|                     | Tool adaption:   | Universal arbor 16 |
|                     | Gear ratio [i]:  | 1:1                |
|                     | Torque max [Nm]:                                       | 16                 |
|                     | Rotation max [1/min]:                                  | 6000               |
|                     | Rotating direction:                                    | same/opposite      |
|                     | Coolant:   | EXT                |

| Part-#              | Name   |                               |
|---------------------|--|-------------------------------|
| <b>8 039 24 012</b> | <b>Radial floating head ER 20</b>                    |                               |
|                     | Tool drive:  | DIN 5480                      |
|                     | Shank size [mm]:                                     | 30.00                         |
|                     | Shank type:  | VDI                           |
|                     | Tool adaption:                                       | ER 20                         |
|                     | Gear ratio [i]:                                      | 2:1                           |
|                     | Torque max [Nm]:                                     | 32                            |
|                     | Rotation max [1/min]:                                | 1000                          |
|                     | Rotating direction:                                  | opposite                      |
|                     | Coolant:   | EXT                           |
|                     | Center distance [mm]:                                | 100                           |
| <b>8 039 25 006</b> | <b>Radial drilling and milling head ER 25</b>        |                               |
|                     | Weight [kg]:   | 4.440                         |
|                     | Version:   | double spindle                |
|                     | Tool drive:  | DIN 5480                      |
|                     | Shank size [mm]:                                     | 30.00                         |
|                     | Shank type:  | VDI                           |
|                     | 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]:                                | 100                           |
| <b>8 039 25 053</b> | <b>Radial drilling and milling head ER 25</b>        |                               |
|                     | Weight [kg]:   | 4.530                         |
|                     | Version:   | double spindle; doubletoothed |
|                     | Tool drive:  | DIN 5480                      |
|                     | Shank size [mm]:                                     | 30.00                         |
|                     | Shank type:  | VDI                           |
|                     | 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]:                                | 100                           |
| <b>8 039 26 003</b> | <b>Radial drilling and milling head ER 25 / HT 4</b> |                               |
|                     | Weight [kg]:   | 4.480                         |
|                     | Version:   | double spindle                |
|                     | Tool drive:  | DIN 5480                      |
|                     | Shank size [mm]:                                     | 30.00                         |
|                     | Shank type:  | VDI                           |
|                     | Tool adaption:                                       | HT 4<br>ER 25                 |
|                     | Gear ratio [i]:                                      | 1:1                           |
|                     | Torque max [Nm]:                                     | 16                            |
|                     | Rotation max [1/min]:                                | 6000                          |
|                     | Rotating direction:                                  | same/opposite                 |
|                     | Coolant:   | EXT                           |
|                     | Center distance [mm]:                                | 100                           |

| Part-#              | Name   |  |
|---------------------|--|--|
| <b>8 039 26 004</b> | <b>Radial drilling and milling head HT 4</b>   |  |
|                     | Weight [kg]:                                   | 4.500                                  |
|                     | Version:                                       | double spindle                         |
|                     | Tool drive:                                    | DIN 5480                               |
|                     | Shank size [mm]:                               | 30.00                                  |
|                     | Shank type:                                    | VDI                                    |
|                     | Tool adaption:                                 | HT 4                                   |
|                     | 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]:                          | 100                                    |
| <b>8 039 26 021</b> | <b>Radial drilling and milling head HT 4</b>   |  |
|                     | Weight [kg]:                                   | 4.600                                  |
|                     | Version:                                       | double spindle                         |
|                     | Tool drive:                                    | DIN 5480                               |
|                     | Shank size [mm]:                               | 30.00                                  |
|                     | Shank type:                                    | VDI                                    |
|                     | Tool adaption:                                 | HT 4                                   |
|                     | Gear ratio [i]:                                | 1:1                                    |
|                     | Torque max [Nm]:                               | 25                                     |
|                     | Rotation max [1/min]:                          | 6000                                   |
|                     | Rotating direction:                            | same/opposite                          |
|                     | Coolant:                                       | EXT                                    |
|                     | Please note:                                   | Fixation slide stone; stronger bearing |
|                     | Center distance [mm]:                          | 100                                    |
| <b>8 039 26 026</b> | <b>Radial drilling and milling head HT 4</b>   |  |
|                     | Version:                                       | double spindle; doubletoothed          |
|                     | Tool drive:                                    | DIN 5480                               |
|                     | Shank size [mm]:                               | 30.00                                  |
|                     | Shank type:                                    | VDI                                    |
|                     | Tool adaption:                                 | HT 4                                   |
|                     | 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]:                          | 100                                    |
| <b>8 039 29 001</b> | <b>Angle head for adapter v. Microborekopf</b> |  |
|                     | Tool drive:                                    | DIN 5480                               |
|                     | Shank size [mm]:                               | 30.00                                  |
|                     | Shank type:                                    | VDI                                    |
|                     | Tool adaption:                                 | Centering bore 58,2                    |
|                     | Gear ratio [i]:                                | 1:1                                    |
|                     | Torque max [Nm]:                               | 25                                     |
|                     | Rotation max [1/min]:                          | 6000                                   |
|                     | Rotating direction:                            | opposite                               |
|                     | Coolant:                                       | EXT                                    |
|                     | Center distance [mm]:                          | 100                                    |


| Part-#              | Name   |                          |
|---------------------|--|--------------------------|
| <b>8 040 24 012</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 20</b>       |                          |
|                     | Weight [kg]:   | 2.470                    |
|                     | Version:   | right                    |
|                     | Tool drive:  | DIN 5480                 |
|                     | Shank size [mm]:   | 30.00                    |
|                     | Shank type:  | VDI                      |
|                     | Tool adaption:   | ER 20                    |
|                     | Gear ratio [i]:  | 1:1                      |
|                     | Torque max [Nm]:   | 10                       |
|                     | Rotation max [1/min]:  | 6000                     |
|                     | Rotating direction:  | same                     |
|                     | Coolant:   | EXT                      |
|                     | Please note:   | Fixation 180° reversible |
|                     | Center distance [mm]:  | 64                       |
| <b>8 040 24 032</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable HT 2</b>        |                          |
|                     | Weight [kg]:   | 3.080                    |
|                     | Version:   | doubletoothed            |
|                     | Tool drive:  | DIN 5480                 |
|                     | Shank size [mm]:   | 30.00                    |
|                     | Shank type:  | VDI                      |
|                     | Tool adaption:   | HT 2                     |
|                     | Gear ratio [i]:  | 1:1                      |
|                     | Torque max [Nm]:   | 10                       |
|                     | Rotation max [1/min]:  | 5000                     |
|                     | Rotating direction:  | same                     |
|                     | Coolant:   | EXT                      |
|                     | Please note:   | Note swivel range        |
|                     | Center distance [mm]:  | 97                       |
| <b>8 040 24 035</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16</b>       |                          |
|                     | Weight [kg]:   | 2.320                    |
|                     | Version:   | right                    |
|                     | Tool drive:  | DIN 5480                 |
|                     | Shank size [mm]:   | 30.00                    |
|                     | Shank type:  | VDI                      |
|                     | Tool adaption:   | ER 16                    |
|                     | Gear ratio [i]:  | 1:1                      |
|                     | Torque max [Nm]:   | 10                       |
|                     | Rotation max [1/min]:  | 6000                     |
|                     | Rotating direction:  | same                     |
|                     | Coolant:   | EXT                      |
|                     | Please note:   | Fixation 180° reversible |
|                     | Center distance [mm]:  | 64                       |
| <b>8 040 24 059</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b> |                          |
|                     | Weight [kg]:   | 4.430                    |
|                     | Version:   | left                     |
|                     | Tool drive:  | DIN 5480                 |
|                     | Shank size [mm]:   | 30.00                    |
|                     | Shank type:  | VDI                      |
|                     | Tool adaption:   | ER 16 A - u-tec          |
|                     | Gear ratio [i]:  | 1:2                      |
|                     | Torque max [Nm]:   | 12                       |
|                     | Rotation max [1/min]:  | 12000                    |
|                     | Rotating direction:  | opposite                 |
|                     | Coolant:   | EXT                      |
|                     | Center distance [mm]:  | 88                       |

| Part-#              | Name  |
|---------------------|---|
| <b>8 040 24 075</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |
|                     | Weight [kg]: 4.450  |
|                     | Version: left   |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:1   |
|                     | Torque max [Nm]: 25   |
|                     | Rotation max [1/min]: 6000  |
|                     | Rotating direction: opposite  |
|                     | Coolant: IC/Ext   |
|                     | Pressure max [bar]: 140   |
|                     | Center distance [mm]: 88  |
| <b>8 040 24 077</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>    |
|                     | Version: left   |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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]: 88  |
| <b>8 040 24 078</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |
|                     | Version: left   |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:2   |
|                     | Torque max [Nm]: 12   |
|                     | Rotation max [1/min]: 12000   |
|                     | Rotating direction: opposite  |
|                     | Coolant: IC/Ext   |
|                     | Pressure max [bar]: 140   |
|                     | Center distance [mm]: 88  |
| <b>8 040 24 079</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>    |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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]: 88  |

| Part-#              | Name  |
|---------------------|---|
| <b>8 040 24 081</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |
|                     | Weight [kg]: 4.450  |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:1   |
|                     | Torque max [Nm]: 25   |
|                     | Rotation max [1/min]: 6000  |
|                     | Rotating direction: opposite  |
|                     | Coolant: IC/Ext   |
|                     | Pressure max [bar]: 140   |
|                     | Center distance [mm]: 88  |
| <b>8 040 24 084</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>    |
|                     | Weight [kg]: 4.440  |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:2   |
|                     | Torque max [Nm]: 12   |
|                     | Rotation max [1/min]: 12000   |
|                     | Rotating direction: opposite  |
|                     | Coolant: EXT  |
|                     | Center distance [mm]: 88  |
| <b>8 040 24 087</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b> |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:2   |
|                     | Torque max [Nm]: 12   |
|                     | Rotation max [1/min]: 12000   |
|                     | Rotating direction: opposite  |
|                     | Coolant: IC/Ext   |
|                     | Pressure max [bar]: 140   |
|                     | Center distance [mm]: 88  |
| <b>8 040 24 108</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>    |
|                     | Weight [kg]: 4.470  |
|                     | Version: left, at $+45^\circ$ position can be pinned                      |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | Tool adaption: ER 16 A - u-tec  |
|                     | Gear ratio [i]: 1:2   |
|                     | Torque max [Nm]: 12   |
|                     | Rotation max [1/min]: 12000   |
|                     | Rotating direction: opposite  |
|                     | Coolant: EXT  |
|                     | Center distance [mm]: 88  |

| Part-#              | Name  |
|---------------------|---|
| <b>8 040 25 021</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT</b>    |
|                     | Weight [kg]: 4.630  |
|                     | Version: left   |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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]: 88  |
| <b>8 040 25 022</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT IC</b> |
|                     | Weight [kg]: 4.650  |
|                     | Version: left   |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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]: 140   |
|                     | Please note: stronger bearing   |
|                     | Center distance [mm]: 88  |
| <b>8 040 25 032</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT</b>    |
|                     | Weight [kg]: 4.660  |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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]: 88  |
| <b>8 040 25 040</b> | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT IC</b> |
|                     | Weight [kg]: 3.500  |
|                     | Version: right  |
|                     | Tool drive: DIN 5480  |
|                     | Shank size [mm]: 30.00  |
|                     | Shank type: VDI   |
|                     | 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   |

| Part-#              | Name   |                        |
|---------------------|--|------------------------|
|                     | Pressure max [bar]:                          | 140                    |
|                     | Please note:                                 | stronger bearing       |
|                     | Center distance [mm]:                        | 88                     |
| <b>8 049 24 000</b> | <b>Universal head ± 90° adjustable ER 16</b> |                        |
|                     | Version:                                     | 360° turnable          |
|                     | Tool drive:                                  | DIN 5480               |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | 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]:                        | 95                     |
| <b>8 210 26 011</b> | <b>Tool holder HT 4 IC</b>                   |                        |
|                     | Weight [kg]:                                 | 1.270                  |
|                     | Version:                                     | right                  |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | Tool adaption:                               | HT 4                   |
|                     | Coolant:                                     | IC/Ext                 |
| <b>8 210 26 012</b> | <b>Tool holder HT 4 IC</b>                   |                        |
|                     | Version:                                     | left                   |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | Tool adaption:                               | HT 4                   |
|                     | Coolant:                                     | IC/Ext                 |
| <b>8 214 22 000</b> | <b>Tool holder C1-30x20/16</b>               |                        |
|                     | Employment for:                              | VDI 30                 |
|                     | Version:                                     | right                  |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | Tool adaption:                               | Sq. 20/16              |
|                     | Coolant:                                     | EXT                    |
| <b>8 214 22 001</b> | <b>Tool holder C3-30x20/16</b>               |                        |
|                     | Employment for:                              | VDI 30                 |
|                     | Version:                                     | right                  |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | Tool adaption:                               | Sq. 20/16              |
|                     | Coolant:                                     | EXT                    |
| <b>8 230 26 022</b> | <b>Tool holder HT 4</b>                      |                        |
|                     | Weight [kg]:                                 | 3.940                  |
|                     | Version:                                     | doubletoothed          |
|                     | Shank size [mm]:                             | 30.00                  |
|                     | Shank type:                                  | VDI                    |
|                     | Tool adaption:                               | HT 4                   |
|                     | Coolant:                                     | IC/Ext                 |
|                     | Please note:                                 | HT- insert demountable |
|                     | Center distance [mm]:                        | 100                    |

| Part-#  | Name                                 |                              |
|---|--------------------------------------|------------------------------|
| <b>8 230 26 023</b>   | <b>Tool holder HT 4</b>              |                              |
|   | Version:                             | right                        |
|   | Shank size [mm]:                     | 30.00                        |
|   | Shank type:                          | VDI                          |
|   | Tool adaption:                       | HT 4                         |
|   | Coolant:                             | IC/Ext                       |
|   | Please note:                         | demountable in left version  |
|   | Center distance [mm]:                | 100                          |
| <b>8 230 28 003</b>   | <b>Boring bar holder Ø 32</b>        |                              |
|   | Weight [kg]:                         | 4.455                        |
|   | Version:                             | right                        |
|   | Shank size [mm]:                     | 30.00                        |
|   | Shank type:                          | VDI                          |
|   | Tool adaption:                       | Ø 32                         |
|   | Coolant:                             | IC/Ext                       |
|   | Please note:                         | demountable in left version  |
|   | Center distance [mm]:                | 100                          |
| <b>8 231 26 011</b>   | <b>Tool holder HT 4</b>              |                              |
|   | Version:                             | left                         |
|   | Shank size [mm]:                     | 30.00                        |
|   | Shank type:                          | VDI                          |
|   | Tool adaption:                       | HT 4                         |
|   | Coolant:                             | IC/Ext                       |
|   | Please note:                         | demountable in right version |
|   | Center distance [mm]:                | 100                          |
| <b>8 239 26 013</b>   | <b>Double tool holder HT 4</b>       |                              |
|   | Employment for:                      | Main- and sub spindle        |
|   | Shank size [mm]:                     | 30.00                        |
|   | Shank type:                          | VDI                          |
|   | Tool adaption:                       | HT 4                         |
|   | Coolant:                             | IC/Ext                       |
|   | Center distance [mm]:                | 100                          |
| <b>8 239 27 006</b>   | <b>Double boring bar holder Ø 25</b> |                              |
|  | Shank size [mm]:                     | 30.00                        |
|   | Shank type:                          | VDI                          |
|   | Tool adaption:                       | Ø 25                         |
|   | Coolant:                             | IC/Ext                       |
|   | Center distance [mm]:                | 100                          |
| <b>8 239 28 000</b>   | <b>Double boring bar holder Ø 32</b> |                              |
|   | Weight [kg]:                         | 6.240                        |
|   | Shank size [mm]:                     | 30.00                        |
|   | Tool adaption:                       | Ø 32                         |
|   | Coolant:                             | IC/Ext                       |
|   | Center distance [mm]:                | 100                          |

Emco

## ET 465 DS (Fixierstift)

heimatec®

| Part-#              | Name  |
|---------------------|---|
| <b>8 320 22 019</b> | <b>Cut-off holder, height adjustable SH 26 IC</b> |
|                     | Weight [kg]: 1.510                                |
|                     | Version: universal                                |
|                     | Shank size [mm]: 30.00                            |
|                     | Shank type: VDI                                   |
|                     | Tool adaption: Clampshaft SH 26                   |
|                     | Coolant: IC/Ext                                   |
|                     | Pressure max [bar]: 70                            |



● heimatec overseas branches

○ global representations of heimatec

**heimatec**<sup>®</sup>

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

T +49 7843 9466 0  
[www.heimatec.com](http://www.heimatec.com)  
[info@heimatec.com](mailto:info@heimatec.com)

Please find the contact details of our worldwide trading partners on our website:  
<https://heimatec.com/business-partners>