

SPINNER  
TC 42-MC



# 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 14 028</b> | <b>Axial drilling and milling head ER 20</b>  |                  |
|                     | Weight [kg]:                                  | 0.970            |
|                     | Tool drive:                                   | Coupling         |
|                     | Shank size [mm]:                              | 20.00            |
|                     | 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              |
| <b>8 030 14 048</b> | <b>Radial drilling and milling head ER 20</b> |                  |
|                     | Weight [kg]:                                  | 1.870            |
|                     | Version:                                      | right            |
|                     | Tool drive:                                   | Coupling         |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
|                     | Tool adaption:                                | ER 20            |
|                     | Gear ratio [i]:                               | 1:1              |
|                     | Torque max [Nm]:                              | 10               |
|                     | Rotation max [1/min]:                         | 6000             |
|                     | Rotating direction:                           | opposite         |
|                     | Coolant:                                      | EXT              |
|                     | Center distance [mm]:                         | 70               |
| <b>8 200 10 000</b> | <b>Tool holder A2-20x 70</b>                  |                  |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
| <b>8 200 11 000</b> | <b>Plug Z2-20 S</b>                           |                  |
|                     | Weight [kg]:                                  | 0.380            |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
| <b>8 200 11 001</b> | <b>Plug Z2-20 K</b>                           |                  |
|                     | Weight [kg]:                                  | 0.030            |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
| <b>8 200 12 000</b> | <b>Tool holder A1-20x 65</b>                  |                  |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
| <b>8 208 19 000</b> | <b>Set up holder 20x40x100</b>                |                  |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
| <b>8 210 11 000</b> | <b>Tool holder F 20-MK 1</b>                  |                  |
|                     | Weight [kg]:                                  | 0.720            |
|                     | Shank size [mm]:                              | 20.00            |
|                     | Shank type:                                   | VDI              |
|                     | Tool adaption:                                | DIN 228 D - MK 1 |
|                     | Coolant:                                      | IC               |

| Part-#              | Name                                    |                  |
|---------------------|---|------------------|
| <b>8 210 12 001</b> | <b>Tool holder E2-20x 6</b>             |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 6              |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 12 002</b> | <b>Tool holder F 20-MK 2</b>            |                  |
|                     | Weight [kg]:                            | 0.720            |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 2 |
|                     | Coolant:                                | IC               |
| <b>8 210 13 001</b> | <b>Tool holder E2-20x 8</b>             |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 8              |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 13 002</b> | <b>Short drill chuck VDI 20x 8</b>      |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | EXT              |
| <b>8 210 13 003</b> | <b>Short drill chuck VDI 20x 8 - IC</b> |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | IC               |
| <b>8 210 13 005</b> | <b>Tool holder E4-20xER 11</b>          |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | ER 11            |
|                     | Coolant:                                | IC               |
| <b>8 210 14 000</b> | <b>Short drill chuck VDI 20x13 - IC</b> |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | IC               |
| <b>8 210 14 001</b> | <b>Tool holder E4-20xER 16</b>          |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | ER 16            |
|                     | Coolant:                                | IC               |
| <b>8 210 14 005</b> | <b>Tool holder E2-20x10</b>             |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 10             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 14 007</b> | <b>Tool holder E1-20x10</b>             |                  |
|                     | Shank size [mm]:                        | 20.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 10             |
|                     | Coolant:                                | IC               |

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| Part-#              | Name                               |                 |
|---------------------|------------------------------------|-----------------|
| <b>8 210 14 008</b> | <b>Tool holder E1-20x12</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 12            |
|                     | Coolant:                           | IC              |
| <b>8 210 14 009</b> | <b>Short drill chuck VDI 20x13</b> |                 |
|                     | Weight [kg]:                       | 1.520           |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Coolant:                           | EXT             |
| <b>8 210 14 011</b> | <b>Tool holder E1-20x14</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 14            |
|                     | Coolant:                           | IC              |
| <b>8 210 14 012</b> | <b>Tool holder E2-20x14</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 14            |
|                     | Coolant:                           | IC/Ext          |
| <b>8 210 15 000</b> | <b>Tool holder E2-20x16</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 16            |
|                     | Coolant:                           | IC/Ext          |
| <b>8 210 15 001</b> | <b>Tool holder E4-20xER 25</b>     |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | ER 25           |
|                     | Coolant:                           | IC              |
| <b>8 210 15 002</b> | <b>Tool holder E1-20x16</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 16            |
|                     | Coolant:                           | IC              |
| <b>8 210 15 005</b> | <b>Tool holder E3-20x C 16</b>     |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | DIN 6388 - C 16 |
|                     | Coolant:                           | IC              |
| <b>8 210 15 007</b> | <b>Tool holder E2-20x18</b>        |                 |
|                     | Shank size [mm]:                   | 20.00           |
|                     | Shank type:                        | VDI             |
|                     | Tool adaption:                     | Ø 18            |
|                     | Coolant:                           | IC/Ext          |

| Part-#              | Name                           |                 |
|---------------------|--------------------------------|-----------------|
| <b>8 210 15 008</b> | <b>Tool holder HT 3 IC</b>     |                 |
|                     | Weight [kg]:                   | 0.590           |
|                     | Version:                       | right           |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | HT 3            |
|                     | Coolant:                       | IC/Ext          |
| <b>8 210 16 000</b> | <b>Tool holder E2-20x20</b>    |                 |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | Ø 20            |
|                     | Coolant:                       | IC/Ext          |
| <b>8 210 16 001</b> | <b>Tool holder E1-20x20</b>    |                 |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | Ø 20            |
|                     | Coolant:                       | IC              |
| <b>8 210 16 003</b> | <b>Tool holder E3-20x C 20</b> |                 |
|                     | Weight [kg]:                   | 0.680           |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | DIN 6388 - C 20 |
|                     | Coolant:                       | IC              |
| <b>8 210 16 004</b> | <b>Tool holder E4-20xER 32</b> |                 |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | ER 32           |
|                     | Coolant:                       | IC              |
| <b>8 210 17 000</b> | <b>Tool holder E1-20x25</b>    |                 |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | Ø 25            |
|                     | Coolant:                       | IC              |
| <b>8 210 17 002</b> | <b>Tool holder E2-20x25</b>    |                 |
|                     | Weight [kg]:                   | 0.740           |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | Ø 25            |
|                     | Coolant:                       | IC/Ext          |
| <b>8 214 11 000</b> | <b>Tool holder C1-20x16/55</b> |                 |
|                     | Weight [kg]:                   | 0.900           |
|                     | Shank size [mm]:               | 20.00           |
|                     | Shank type:                    | VDI             |
|                     | Tool adaption:                 | Sq. 16/12       |
|                     | Coolant:                       | EXT             |

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| Part-#              | Name                            |                           |
|---------------------|---------------------------------|---------------------------|
| <b>8 214 11 001</b> | <b>Tool holder C1-20x16/50</b>  |                           |
|                     | Weight [kg]:                    | 1.140                     |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 214 11 002</b> | <b>Tool holder C3-20x16/55</b>  |                           |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 214 11 003</b> | <b>Tool holder C3-20x16/50</b>  |                           |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 234 11 000</b> | <b>Tool holder B1-20x16x30</b>  |                           |
|                     | Weight [kg]:                    | 0.560                     |
|                     | Employment for:                 | VDI 20                    |
|                     | Version:                        | right                     |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 234 11 001</b> | <b>Tool holder B3-20x16x30</b>  |                           |
|                     | Weight [kg]:                    | 0.570                     |
|                     | Employment for:                 | VDI 20                    |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 234 11 002</b> | <b>Tool holder B3-20x16x40</b>  |                           |
|                     | Weight [kg]:                    | 0.760                     |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 234 11 005</b> | <b>Tool holder B1-20x16x40</b>  |                           |
|                     | Weight [kg]:                    | 0.740                     |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Tool adaption:                  | Sq. 16/12                 |
|                     | Coolant:                        | EXT                       |
| <b>8 262 17 000</b> | <b>Stock stop VDI 20 - Ø 28</b> |                           |
|                     | Weight [kg]:                    | 0.340                     |
|                     | Notation:                       | rotating                  |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Please note:                    | Lenght adjustable 50-70mm |

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| Part-#              | Name                            |                           |
|---------------------|---------------------------------|---------------------------|
| <b>8 262 18 000</b> | <b>Stock stop VDI 20 - Ø 35</b> |                           |
|                     | Notation:                       | rotating                  |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Please note:                    | Lenght adjustable 50-70mm |
| <b>8 262 19 000</b> | <b>Stock stop VDI 20 - Ø 45</b> |                           |
|                     | Weight [kg]:                    | 0.530                     |
|                     | Notation:                       | rotating                  |
|                     | Shank size [mm]:                | 20.00                     |
|                     | Shank type:                     | VDI                       |
|                     | Please note:                    | Lenght adjustable 50-70mm |





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