

Victor  
**Vturn 40 CV -**  
**VDI 50 DIN 5480**



# 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 57 080</b> | <b>Axial drilling and milling head ER 40 AX UT</b>    |                 |
|                     | Weight [kg]:  | 5.120           |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                      | 50.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:  | ER 40 A - u-tec |
|                     | Gear ratio [i]:                                       | 1:1             |
|                     | Torque max [Nm]:                                      | 100             |
|                     | Rotation max [1/min]:                                 | 4000            |
|                     | Rotating direction:                                   | same            |
|                     | Coolant:  | EXT             |
| <b>8 010 57 087</b> | <b>Axial drilling and milling head ER 40 AX UT IC</b> |                 |
|                     | Weight [kg]:  | 5.240           |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                      | 50.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:  | ER 40 A - u-tec |
|                     | Gear ratio [i]:                                       | 1:1             |
|                     | Torque max [Nm]:                                      | 100             |
|                     | Rotation max [1/min]:                                 | 4000            |
|                     | Rotating direction:                                   | same            |
|                     | Coolant:  | IC/Ext          |
|                     | Pressure max [bar]:                                   | 25              |
| <b>8 010 58 005</b> | <b>Axial drilling and milling head HT 6 IC</b>        |                 |
|                     | Weight [kg]:  | 5.500           |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                      | 50.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:  | HT 6            |
|                     | Gear ratio [i]:                                       | 1:1             |
|                     | Torque max [Nm]:                                      | 63              |
|                     | Rotation max [1/min]:                                 | 4000            |
|                     | Rotating direction:                                   | same            |
|                     | Coolant:  | IC/Ext          |
|                     | Pressure max [bar]:                                   | 25              |
| <b>8 030 56 037</b> | <b>Radial drilling and milling head ER 32</b>         |                 |
|                     | Weight [kg]:  | 8.100           |
|                     | Version:  | right           |
|                     | Tool drive:   | DIN 5480        |
|                     | Shank size [mm]:                                      | 50.00           |
|                     | Shank type:   | VDI             |
|                     | Tool adaption:  | ER 32           |
|                     | Gear ratio [i]:                                       | 1:1             |
|                     | Torque max [Nm]:                                      | 50              |
|                     | Rotation max [1/min]:                                 | 4000            |
|                     | Rotating direction:                                   | opposite        |
|                     | Coolant:  | EXT             |
|                     | Center distance [mm]:                                 | 120             |

| Part-#  | Name  |                  |
|---|---|------------------|
| <b>8 030 57 089</b>   | <b>Radial drilling and milling head ER 40 AX UT</b>                 |                  |
|   | Weight [kg]:  | 8.980            |
|   | Version:  | right            |
|   | Tool drive:   | DIN 5480         |
|   | Shank size [mm]:  | 50.00            |
|   | Shank type:   | VDI              |
|   | Tool adaption:  | ER 40 u-tec      |
|   | Gear ratio [i]:   | 1:1              |
|   | Torque max [Nm]:  | 50               |
|   | Rotation max [1/min]:   | 4000             |
|   | Rotating direction:   | opposite         |
|   | Coolant:  | EXT              |
|   | Please note:  | stronger bearing |
|   | Center distance [mm]:   | 120              |
| <b>8 030 57 090</b>   | <b>Radial drilling and milling head ER 40 AX UT IC</b>              |                  |
|   | Version:  | right            |
|   | Tool drive:   | DIN 5480         |
|   | Shank size [mm]:  | 50.00            |
|   | Shank type:   | VDI              |
|   | Tool adaption:  | ER 40 A - u-tec  |
|   | Gear ratio [i]:   | 1:1              |
|   | Torque max [Nm]:  | 50               |
|   | Rotation max [1/min]:   | 6000             |
|   | Rotating direction:   | opposite         |
|   | Coolant:  | IC/Ext           |
|   | Pressure max [bar]:   | 140              |
|   | Please note:  | stronger bearing |
|   | Center distance [mm]:   | 120              |
| <b>8 040 55 006</b>   | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX</b> |                  |
|   | Version:  | right            |
|   | Tool drive:   | DIN 5480         |
|   | Shank size [mm]:  | 50.00            |
|   | Shank type:   | VDI              |
|   | Tool adaption:  | ER 25 A          |
|   | Gear ratio [i]:   | 1:1              |
|   | Torque max [Nm]:  | 50               |
|   | Rotation max [1/min]:   | 4000             |
|   | Rotating direction:   | same             |
|   | Coolant:  | EXT              |
|   | Center distance [mm]:   | 123              |
| <b>8 040 57 002</b>   | <b>Universal head <math>\pm 90^\circ</math> adjustable ER 40</b>    |                  |
|  | Weight [kg]:  | 14.890           |
|   | Version:  | right            |
|   | Tool drive:   | DIN 5480         |
|   | Shank size [mm]:  | 50.00            |
|   | Shank type:   | VDI              |
|   | Tool adaption:  | ER 40            |
|   | Gear ratio [i]:   | 1:1              |
|   | Torque max [Nm]:  | 50               |
|   | Rotation max [1/min]:   | 4000             |
|   | Rotating direction:   | same             |
|   | Coolant:  | EXT              |
|   | Center distance [mm]:   | 123              |

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| Part-#              | Name                              |                  |
|---------------------|-----------------------------------|------------------|
| <b>8 200 51 002</b> | <b>Tool holder A2-50x135</b>      |                  |
|                     | Weight [kg]:                      | 9.200            |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 200 51 003</b> | <b>Tool holder A2-50x220</b>      |                  |
|                     | Weight [kg]:                      | 14.240           |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 200 51 004</b> | <b>Tool holder A2-50x400</b>      |                  |
|                     | Weight [kg]:                      | 24.700           |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 200 51 005</b> | <b>Plug Z2-50 S</b>               |                  |
|                     | Weight [kg]:                      | 2.260            |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 200 51 006</b> | <b>Plug Z2-50 K</b>               |                  |
|                     | Weight [kg]:                      | 0.200            |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 200 55 000</b> | <b>Tool holder A1-50x125</b>      |                  |
|                     | Weight [kg]:                      | 19.800           |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 208 59 002</b> | <b>Test mandrel VDI 50x40x200</b> |                  |
|                     | Weight [kg]:                      | 3.860            |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
| <b>8 210 52 000</b> | <b>Tool holder F 50-MK 2</b>      |                  |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
|                     | Tool adaption:                    | DIN 228 D - MK 2 |
|                     | Coolant:                          | IC               |
| <b>8 210 53 000</b> | <b>Tool holder F 50-MK 3</b>      |                  |
|                     | Weight [kg]:                      | 2.700            |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
|                     | Tool adaption:                    | DIN 228 D - MK 3 |
|                     | Coolant:                          | IC               |
| <b>8 210 53 001</b> | <b>Tool holder E2-50x 8</b>       |                  |
|                     | Shank size [mm]:                  | 50.00            |
|                     | Shank type:                       | VDI              |
|                     | Tool adaption:                    | Ø 8              |
|                     | Coolant:                          | IC/Ext           |

| Part-#              | Name                                    |                  |
|---------------------|---|------------------|
| <b>8 210 54 000</b> | <b>Tool holder E1-50x10</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 10             |
|                     | Coolant:                                | IC               |
| <b>8 210 54 001</b> | <b>Tool holder E1-50x12</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 12             |
|                     | Coolant:                                | IC               |
| <b>8 210 54 002</b> | <b>Tool holder E2-50x12</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 12             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 54 003</b> | <b>Tool holder F 50-MK 4</b>            |                  |
|                     | Weight [kg]:                            | 2.760            |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 4 |
|                     | Coolant:                                | IC               |
| <b>8 210 54 004</b> | <b>Short drill chuck VDI 50x13</b>      |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | EXT              |
| <b>8 210 54 005</b> | <b>Short drill chuck VDI 50x13 - IC</b> |                  |
|                     | Weight [kg]:                            | 2.920            |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | IC               |
| <b>8 210 54 006</b> | <b>Tool holder E2-50x10</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 10             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 55 000</b> | <b>Tool holder E1-50x16</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 16             |
|                     | Coolant:                                | IC               |
| <b>8 210 55 001</b> | <b>Tool holder E2-50x16</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 16             |
|                     | Coolant:                                | IC/Ext           |

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| Part-#              | Name                                    |                  |
|---------------------|---|------------------|
| <b>8 210 55 002</b> | <b>Tool holder F 50-MK 5</b>            |                  |
|                     | Weight [kg]:                            | 8.320            |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 5 |
|                     | Coolant:                                | IC               |
| <b>8 210 55 004</b> | <b>Short drill chuck VDI 50x16 - IC</b> |                  |
|                     | Weight [kg]:                            | 3.120            |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | IC               |
| <b>8 210 56 000</b> | <b>Tool holder E1-50x20</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 20             |
|                     | Coolant:                                | IC               |
| <b>8 210 56 001</b> | <b>Tool holder E2-50x20</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 20             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 57 000</b> | <b>Tool holder E2-50x25</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 25             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 57 001</b> | <b>Tool holder E1-50x25</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 25             |
|                     | Coolant:                                | IC               |
| <b>8 210 57 002</b> | <b>Tool holder E3-50x C 25</b>          |                  |
|                     | Weight [kg]:                            | 3.180            |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 6388 - C 25  |
|                     | Coolant:                                | IC               |
| <b>8 210 57 003</b> | <b>Tool holder E4-50xER 40</b>          |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | ER 40            |
|                     | Coolant:                                | IC               |
| <b>8 210 58 000</b> | <b>Tool holder E1-50x32</b>             |                  |
|                     | Shank size [mm]:                        | 50.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 32             |
|                     | Coolant:                                | IC               |

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| Part-#              | Name                                  |                 |
|---------------------|---------------------------------------|-----------------|
| <b>8 210 58 001</b> | <b>Tool holder E2-50x32</b>           |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 32            |
|                     | Coolant:                              | IC/Ext          |
| <b>8 210 58 002</b> | <b>Tool holder E3-50x C 32</b>        |                 |
|                     | Weight [kg]:                          | 3.620           |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | DIN 6388 - C 32 |
|                     | Coolant:                              | IC              |
| <b>8 210 59 001</b> | <b>Tool holder E2-50x50</b>           |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 50            |
|                     | Coolant:                              | IC/Ext          |
| <b>8 210 59 002</b> | <b>Tool holder E1-50x40</b>           |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 40            |
|                     | Coolant:                              | IC              |
| <b>8 210 59 003</b> | <b>Tool holder E1-50x50</b>           |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 50            |
|                     | Coolant:                              | IC              |
| <b>8 210 59 004</b> | <b>Tool holder E2-50x40</b>           |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 40            |
|                     | Coolant:                              | IC/Ext          |
| <b>8 210 59 005</b> | <b>Tool holder E1-50x44 - special</b> |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 44            |
|                     | Coolant:                              | IC              |
|                     | Please note:                          | Special version |
| <b>8 210 59 006</b> | <b>Tool holder E1-50x63 - special</b> |                 |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Ø 63            |
|                     | Coolant:                              | IC              |
|                     | Please note:                          | Special version |
| <b>8 214 54 000</b> | <b>Tool holder C1-50x32</b>           |                 |
|                     | Weight [kg]:                          | 5.660           |
|                     | Shank size [mm]:                      | 50.00           |
|                     | Shank type:                           | VDI             |
|                     | Tool adaption:                        | Sq. 32/25       |
|                     | Coolant:                              | EXT             |

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| Part-#              | Name  |                  |
|---------------------|---|------------------|
| <b>8 214 54 001</b> | <b>Tool holder C3-50x32</b>                       |                  |
|                     | Weight [kg]:                                      | 6.080            |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Sq. 32/25        |
|                     | Coolant:  | EXT              |
| <b>8 234 54 000</b> | <b>Tool holder B1-50x32x55</b>                    |                  |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Sq. 32/25        |
|                     | Coolant:  | EXT              |
| <b>8 234 54 001</b> | <b>Tool holder B3-50x32x55</b>                    |                  |
|                     | Weight [kg]:                                      | 4.420            |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Sq. 32/25        |
|                     | Coolant:  | EXT              |
| <b>8 234 54 002</b> | <b>Tool holder B5-50x32x55</b>                    |                  |
|                     | Weight [kg]:                                      | 5.220            |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Sq. 32/25        |
|                     | Coolant:  | EXT              |
| <b>8 234 54 003</b> | <b>Tool holder B7-50x32x55</b>                    |                  |
|                     | Weight [kg]:                                      | 5.640            |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Sq. 32/25        |
|                     | Coolant:  | EXT              |
| <b>8 320 53 004</b> | <b>Cut-off holder, height adjustable SH 32 IC</b> |                  |
|                     | Version:  | universal        |
|                     | Shank size [mm]:                                  | 50.00            |
|                     | Shank type:                                       | VDI              |
|                     | Tool adaption:                                    | Clampshaft SH 32 |
|                     | Coolant:  | IC/Ext           |
|                     | Pressure max [bar]:                               | 70               |



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