

Realmeca
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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


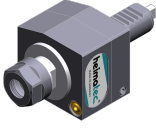
Tool systems for gear production

Digital tool management

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| Part-# | Name | |
|---|--|-----------------------|
| 8 010 14 003 | Axial drilling and milling head ER 20 | |
|  | Weight [kg]: | 0.940 |
| | Tool drive: | Flat (~DIN 1809) |
| | 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 |
| 8 010 14 004 | Axial drilling and milling head ER 16 | |
|  | Weight [kg]: | 0.940 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | 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 |
| 8 010 15 005 | Axial drilling and milling head HT 3 | |
|  | Weight [kg]: | 0.920 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 011 14 002 | Axial milling head universal arbor 16 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 019 14 005 | Axial drilling and milling head ER 20 | |
| | Weight [kg]: | 2.010 |
| | Employment for: | Main- and sub spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 6300 |

| Part-# | Name | |
|---------------------|--|---|
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 033 14 006 | Radial drilling and milling head ER 16 | |
| | Weight [kg]: | 2.060 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | 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 |
| 8 037 19 004 | Radial disk mill head shaft diameter 5-16 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Interchangeable arbor |
| | Gear ratio [i]: | 2,889:1 |
| | Torque max [Nm]: | 30 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Price without arbor, max. milling cutter Ø 63 |
| | Center distance [mm]: | 72 |
| | Offset [mm]: | 46 |
| 8 038 14 005 | Radial drilling and milling head ER 20 | |
| | Weight [kg]: | 3.500 |
| | Notation: | offset |
| | Version: | right |
| | Tool drive: | Flat (~DIN 1809) |
| | 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 |
| 8 040 14 004 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 1.960 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 20.00 |
| | 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 |
| 8 200 10 000 | Tool holder A2-20x 70 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |

| Part-# | Name | |
|---------------------|---|------------------|
| 8 200 11 000 | Plug Z2-20 S | |
| | Weight [kg]: | 0.380 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| 8 200 11 001 | Plug Z2-20 K | |
| | Weight [kg]: | 0.030 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| 8 200 12 000 | Tool holder A1-20x 65 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| 8 208 19 000 | Set up holder 20x40x100 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| 8 210 11 000 | Tool holder F 20-MK 1 | |
| | Weight [kg]: | 0.720 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | DIN 228 D - MK 1 |
| | Coolant: | IC |
| 8 210 12 001 | Tool holder E2-20x 6 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 6 |
| | Coolant: | IC/Ext |
| 8 210 12 002 | Tool holder F 20-MK 2 | |
| | Weight [kg]: | 0.720 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | DIN 228 D - MK 2 |
| | Coolant: | IC |
| 8 210 13 001 | Tool holder E2-20x 8 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 8 |
| | Coolant: | IC/Ext |
| 8 210 13 002 | Short drill chuck VDI 20x 8 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Coolant: | EXT |
| 8 210 13 003 | Short drill chuck VDI 20x 8 - IC | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Coolant: | IC |

| Part-# | Name | |
|---------------------|---|--------|
| 8 210 13 005 | Tool holder E4-20xER 11 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 11 |
| | Coolant: | IC |
| 8 210 14 000 | Short drill chuck VDI 20x13 - IC | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Coolant: | IC |
| 8 210 14 001 | Tool holder E4-20xER 16 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 16 |
| | Coolant: | IC |
| 8 210 14 005 | Tool holder E2-20x10 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 10 |
| | Coolant: | IC/Ext |
| 8 210 14 007 | Tool holder E1-20x10 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 10 |
| | Coolant: | IC |
| 8 210 14 008 | Tool holder E1-20x12 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 12 |
| | Coolant: | IC |
| 8 210 14 009 | Short drill chuck VDI 20x13 | |
| | Weight [kg]: | 1.520 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Coolant: | EXT |
| 8 210 14 011 | Tool holder E1-20x14 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 14 |
| | Coolant: | IC |
| 8 210 14 012 | Tool holder E2-20x14 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 14 |
| | Coolant: | IC/Ext |

| Part-# | Name | |
|---------------------|--------------------------------|-----------------|
| 8 210 15 000 | Tool holder E2-20x16 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 16 |
| | Coolant: | IC/Ext |
| 8 210 15 001 | Tool holder E4-20xER 25 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 25 |
| | Coolant: | IC |
| 8 210 15 002 | Tool holder E1-20x16 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 16 |
| | Coolant: | IC |
| 8 210 15 005 | Tool holder E3-20x C 16 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | DIN 6388 - C 16 |
| | Coolant: | IC |
| 8 210 15 007 | Tool holder E2-20x18 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 18 |
| | Coolant: | IC/Ext |
| 8 210 15 008 | Tool holder HT 3 IC | |
| | Weight [kg]: | 0.590 |
| | Version: | right |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 3 |
| | Coolant: | IC/Ext |
| 8 210 16 000 | Tool holder E2-20x20 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| 8 210 16 001 | Tool holder E1-20x20 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC |
| 8 210 16 003 | Tool holder E3-20x C 20 | |
| | Weight [kg]: | 0.680 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | DIN 6388 - C 20 |
| | Coolant: | IC |

| Part-# | Name | |
|---------------------|--------------------------------|-----------|
| 8 210 16 004 | Tool holder E4-20xER 32 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Coolant: | IC |
| 8 210 17 000 | Tool holder E1-20x25 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC |
| 8 210 17 002 | Tool holder E2-20x25 | |
| | Weight [kg]: | 0.740 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| 8 214 11 000 | Tool holder C1-20x16/55 | |
| | Weight [kg]: | 0.900 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 214 11 001 | Tool holder C1-20x16/50 | |
| | Weight [kg]: | 1.140 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 214 11 002 | Tool holder C3-20x16/55 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 214 11 003 | Tool holder C3-20x16/50 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 000 | Tool holder B1-20x16x30 | |
| | 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 |

| Part-# | Name | |
|---------------------|---------------------------------|---------------------------|
| 8 234 11 001 | Tool holder B3-20x16x30 | |
| | Weight [kg]: | 0.570 |
| | Employment for: | VDI 20 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 002 | Tool holder B3-20x16x40 | |
| | Weight [kg]: | 0.760 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 005 | Tool holder B1-20x16x40 | |
| | Weight [kg]: | 0.740 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 006 | Tool holder B5-20x16x30 | |
| | Weight [kg]: | 0.900 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 007 | Tool holder B5-20x16x40 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 008 | Tool holder B7-20x16x30 | |
| | Weight [kg]: | 0.730 |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 234 11 009 | Tool holder B7-20x16x40 | |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 16/12 |
| | Coolant: | EXT |
| 8 262 17 000 | Stock stop VDI 20 - Ø 28 | |
| | Weight [kg]: | 0.340 |
| | Notation: | rotating |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Please note: | Lenght adjustable 50-70mm |

| Part-# | Name | |
|---------------------|---|---------------------------|
| 8 262 18 000 | Stock stop VDI 20 - Ø 35 | |
| | Notation: | rotating |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Please note: | Lenght adjustable 50-70mm |
| 8 262 19 000 | Stock stop VDI 20 - Ø 45 | |
| | Weight [kg]: | 0.530 |
| | Notation: | rotating |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Please note: | Lenght adjustable 50-70mm |
| 8 267 19 000 | Bar pick-up VDI 20 offset | |
| | Weight [kg]: | 1.250 |
| | Version: | right |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| 8 320 12 021 | Cut-off holder, height adjustable SH 26 IC | |
| | Weight [kg]: | 1.000 |
| | Version: | right |
| | Shank size [mm]: | 20.00 |
| | Shank type: | VDI |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |

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