

Okuma

Macturn 350-2S



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 46 189 | Axial drilling and milling head ER 32 AX UT IC | |
| | Weight [kg]: | 3.650 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | round housing Ø 84 |
| 8 010 46 190 | Axial drilling and milling head ER 32 AX UT | |
| | Weight [kg]: | 3.460 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | round housing ø 84 |
| 8 010 46 191 | Axial drilling and milling head ER 32 | |
| | Weight [kg]: | 3.490 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | round housing Ø 84 |
| 8 010 46 192 | Axial drilling and milling head ER 32 IC | |
|  | Weight [kg]: | 3.720 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | round housing Ø 84 |

| Part-# | Name | |
|---------------------|--|--------------------------------------|
| 8 010 47 095 | Axial drilling and milling head HT 5 | |
| | Weight [kg]: | 3.450 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Round housing ø84 |
| 8 010 47 096 | Axial drilling and milling head HT 5 IC | |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | round housing ø 84 |
| 8 010 47 119 | Axial drilling and milling head ER 40 | |
| | Weight [kg]: | 3.700 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 40 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing; round housing ø 84 |
| 8 019 44 001 | Axial drilling and milling head Weldon 10 | |
| | Notation: | offset |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Weldon (DIN 1835 b) 10 |
| | Gear ratio [i]: | 1:1,555 |
| | Torque max [Nm]: | 5 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 019 44 002 | Axial drilling and milling head Weldon 10 | |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Weldon (DIN 1835 b) 10 |
| | Gear ratio [i]: | 1:1,555 |
| | Torque max [Nm]: | 10 |

| Part-# | Name | |
|---------------------|--|--------------------------|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 030 44 026 | Radial drilling and milling head Weldon 10 IC | |
| | Weight [kg]: | 7.440 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Weldon (DIN 1835 b) 10 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | without reverse rotation |
| | Center distance [mm]: | 90 |
| 8 030 45 028 | Radial drilling and milling head ER 25 | |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 25 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 050 | Radial drilling and milling head ER 32 | |
| | Weight [kg]: | 7.750 |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Note reverse rotation! |
| | Center distance [mm]: | 90 |
| 8 030 46 056 | Radial drilling and milling head ER 32 AX | |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |

| Part-# | Name | |
|---------------------|---|-----------------|
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 057 | Radial drilling and milling head ER 32 AX UT | |
| | Weight [kg]: | 6.660 |
| | Employment for: | Main spindle |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 101 | Radial drilling and milling head ER 32 | |
| | Weight [kg]: | 6.660 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 132 | Radial drilling and milling head ER 32 | |
| | Weight [kg]: | 6.800 |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 162 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.800 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |

| Part-# | Name | |
|---------------------|--|--------------------------|
| | Center distance [mm]: | 90 |
| 8 030 46 168 | Radial drilling and milling head ER 32 IC | |
| | Weight [kg]: | 7.220 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | without reverse rotation |
| | Center distance [mm]: | 90 |
| 8 030 46 177 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.800 |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 324 | Radial drilling and milling head ER 32 AX UT | |
| | Weight [kg]: | 6.630 |
| | Employment for: | Main spindle |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 030 46 344 | Radial drilling and milling head ER 32 AX UT IC | |
| | Weight [kg]: | 7.190 |
| | Employment for: | Main spindle |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |

| Part-# | Name | |
|---------------------|---|--------------------------|
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 90 |
| 8 030 47 052 | Radial drilling and milling head ER 40 | |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 40 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 90 |
| 8 030 47 088 | Radial drilling and milling head HT 5 | |
| | Weight [kg]: | 7.380 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 90 |
| 8 031 44 020 | Radial milling head universal arbor 16 | |
| | Weight [kg]: | 6.800 |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | without reverse rotation |
| | Center distance [mm]: | 90 |
| 8 033 46 020 | Radial drilling and milling head ER 32 | |
| | Notation: | offset |
| | Version: | left |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |

| Part-# | Name | |
|---------------------|---|-----------------------|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 033 46 022 | Radial drilling and milling head ER 32 | |
| | Weight [kg]: | 7.900 |
| | Notation: | offset |
| | Employment for: | Main spindle |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 90 |
| 8 033 46 034 | Radial drilling and milling head ER 32 IC | |
| | Weight [kg]: | 8.760 |
| | Notation: | offset |
| | Version: | right |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| 8 037 49 008 | Radial disk mill head shaft diameter 16-32 | |
| | Weight [kg]: | 8.760 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Interchangeable arbor |
| | Gear ratio [i]: | 2,65:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 1500 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Price without arbor |
| | Center distance [mm]: | 81 |
| 8 039 46 003 | Radial drilling and milling head ER 32 | |
| | Weight [kg]: | 8.360 |
| | Version: | double spindle |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 32 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |

| Part-# | Name | |
|---------------------|--|------------------|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 90 |
| 8 040 44 020 | Universal head ± 90° adjustable ER 16 | |
| | Weight [kg]: | 3.440 |
| | Tool drive: | Coupling |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | ER 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 60 |
| 8 200 40 000 | Plug Z2-40 K | |
| | Weight [kg]: | 0.140 |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| 8 200 40 001 | Plug Z2-40 S | |
| | Weight [kg]: | 1.360 |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| 8 230 46 006 | Boring bar holder Ø 20 | |
| | Notation: | offset |
| | Version: | right |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 105 |
| 8 230 47 020 | Boring bar holder Ø 25 | |
| | Notation: | offset |
| | Version: | right |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 105 |
| 8 230 48 014 | Boring bar holder Ø 32 | |
| | Notation: | offset |
| | Version: | right |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 105 |

| Part-# | Name | |
|---------------------|--------------------------------------|------------------------------|
| 8 230 49 021 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 6.060 |
| | Notation: | offset |
| | Version: | right |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | demountable in left version |
| | Center distance [mm]: | 105 |
| 8 231 48 001 | Boring bar holder Ø 32 | |
| | Notation: | offset |
| | Version: | left |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 105 |
| 8 231 49 003 | Boring bar holder Ø 40 | |
| | Notation: | offset |
| | Version: | left |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | demountable in right version |
| | Center distance [mm]: | 105 |
| 8 234 45 003 | Combi facing holder sq. 25/20 | |
| | Weight [kg]: | 6.160 |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 25/20 |
| | Coolant: | EXT |
| 8 239 49 001 | Double boring bar holder Ø 40 | |
| | Employment for: | Main- and sub spindle |
| | Version: | universal |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Fixation 180° reversible |
| | Center distance [mm]: | 105 |
| 8 250 46 000 | Double tool holder C 4 | |
| | Weight [kg]: | 6.240 |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | EXT |

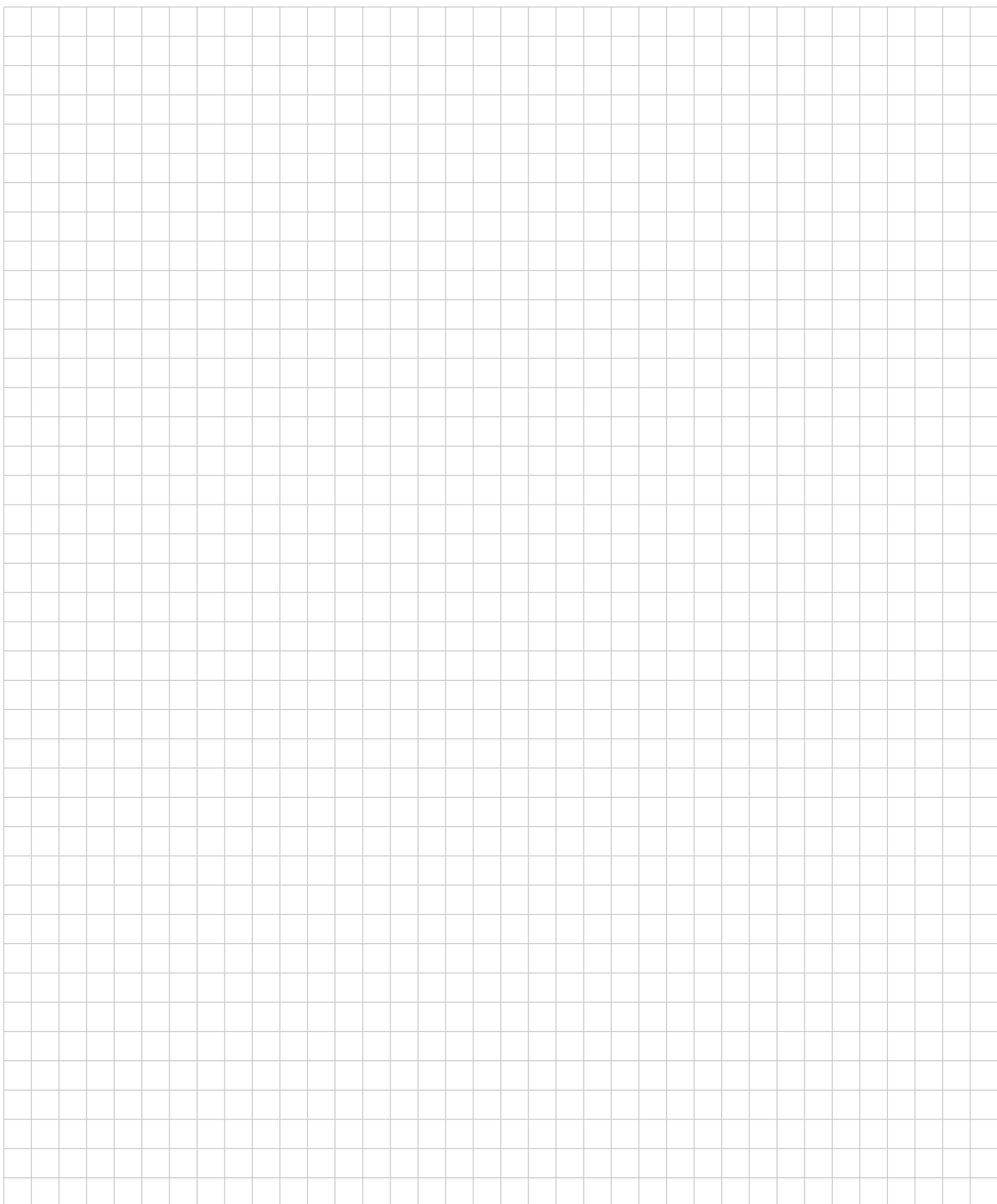
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| Part-# | Name | |
|---------------------|---|---------------------|
| 8 251 45 003 | Combi double turning holder sq. 25/20 | |
| | Weight [kg]: | 5.420 |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Sq. 25/20 |
| | Coolant: | EXT |
| 8 320 43 010 | Cut-off holder, height adjustable SH 32 IC | |
| | Weight [kg]: | 2.440 |
| | Version: | universal |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 43 014 | Cut-off holder, height adjustable SH 32 IC | |
| | Shank size [mm]: | 40.00 |
| | Shank type: | VDI |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |





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heimatec[®]

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

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

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