

# Hyundai-Kia

# SKT 210Y/SY



# 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 45 053</b>                                                                 | <b>Axial drilling and milling head ER 25 IC</b>       |                    |
|                                                                                     | Weight [kg]:                                          | 3.420              |
|                                                                                     | Tool drive:                                           | DIN 5480           |
|                                                                                     | 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]:                                 | 6000               |
|                                                                                     | Rotating direction:                                   | same               |
|                                                                                     | Coolant:                                              | IC/Ext             |
|                                                                                     | Pressure max [bar]:                                   | 25                 |
|                                                                                     | Please note:                                          | round housing ø 84 |
| <b>8 010 45 094</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT</b>    |                    |
|                                                                                     | Weight [kg]:                                          | 3.440              |
|                                                                                     | Tool drive:                                           | DIN 5480           |
|                                                                                     | Shank size [mm]:                                      | 40.00              |
|                                                                                     | Shank type:                                           | VDI                |
|                                                                                     | Tool adaption:                                        | ER 25 A - u-tec    |
|                                                                                     | Gear ratio [i]:                                       | 1:1                |
|                                                                                     | Torque max [Nm]:                                      | 50                 |
|                                                                                     | Rotation max [1/min]:                                 | 6000               |
|                                                                                     | Rotating direction:                                   | same               |
|                                                                                     | Coolant:                                              | EXT                |
| <b>8 010 45 156</b>                                                                 | <b>Axial drilling and milling head ER 25 AX UT IC</b> |                    |
|  | Weight [kg]:                                          | 3.410              |
|                                                                                     | Tool drive:                                           | DIN 5480           |
|                                                                                     | Shank size [mm]:                                      | 40.00              |
|                                                                                     | Shank type:                                           | VDI                |
|                                                                                     | Tool adaption:                                        | ER 25 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                 |
| <b>8 010 46 152</b>                                                                 | <b>Axial drilling and milling head ER 32 AX UT</b>    |                    |
|                                                                                     | Weight [kg]:                                          | 3.270              |
|                                                                                     | Tool drive:                                           | DIN 5480           |
|                                                                                     | 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                |

| Part-#              | Name                                                  |
|---------------------|-------------------------------------------------------|
| <b>8 010 46 165</b> | <b>Axial drilling and milling head ER 32 AX UT IC</b> |
|                     | Weight [kg]: 3.440                                    |
|                     | Tool drive: DIN 5480                                  |
|                     | 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                                |
| <b>8 010 46 235</b> | <b>Axial drilling and milling head ER 32 AX UT IC</b> |
|                     | Tool drive: DIN 5480                                  |
|                     | 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]: 10000                           |
|                     | Rotating direction: same                              |
|                     | Coolant: IC/Ext                                       |
|                     | Pressure max [bar]: 100                               |
|                     | Please note: Dryrun possible                          |
| <b>8 010 47 034</b> | <b>Axial drilling and milling head HT 5</b>           |
|                     | Weight [kg]: 3.300                                    |
|                     | Tool drive: DIN 5480                                  |
|                     | 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 Ø 84                       |
| <b>8 010 48 001</b> | <b>Axial drilling and milling head HT 6 IC</b>        |
|                     | Weight [kg]: 4.220                                    |
|                     | Tool drive: DIN 5480                                  |
|                     | Shank size [mm]: 40.00                                |
|                     | Shank type: VDI                                       |
|                     | Tool adaption: HT 6                                   |
|                     | 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                                                |
|---------------------|-----------------------------------------------------|
| <b>8 013 44 005</b> | <b>Axial drilling and milling head ER 16 AX UT</b>  |
|                     | Weight [kg]: 2.940                                  |
|                     | Tool drive: DIN 5480                                |
|                     | Shank size [mm]: 40.00                              |
|                     | Shank type: VDI                                     |
|                     | Tool adaption: ER 16 A - u-tec                      |
|                     | Gear ratio [i]: 1:4                                 |
|                     | Torque max [Nm]: 5                                  |
|                     | Rotation max [1/min]: 24000                         |
|                     | Rotating direction: same                            |
|                     | Coolant: EXT                                        |
| <b>8 030 45 085</b> | <b>Radial drilling and milling head ER 25</b>       |
|                     | Weight [kg]: 6.560                                  |
|                     | Version: right                                      |
|                     | Tool drive: DIN 5480                                |
|                     | 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]: 6000                          |
|                     | Rotating direction: opposite                        |
|                     | Coolant: EXT                                        |
|                     | Center distance [mm]: 100                           |
| <b>8 030 45 090</b> | <b>Radial drilling and milling head ER 25</b>       |
|                     | Version: left                                       |
|                     | Tool drive: DIN 5480                                |
|                     | 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]: 6000                          |
|                     | Rotating direction: opposite                        |
|                     | Coolant: EXT                                        |
|                     | Center distance [mm]: 100                           |
| <b>8 030 45 223</b> | <b>Radial drilling and milling head ER 25 AX UT</b> |
|                     | Weight [kg]: 6.520                                  |
|                     | Version: right                                      |
|                     | Tool drive: DIN 5480                                |
|                     | Shank size [mm]: 40.00                              |
|                     | Shank type: VDI                                     |
|                     | Tool adaption: ER 25 A - u-tec                      |
|                     | Gear ratio [i]: 1:1                                 |
|                     | Torque max [Nm]: 50                                 |
|                     | Rotation max [1/min]: 6000                          |
|                     | Rotating direction: opposite                        |
|                     | Coolant: EXT                                        |
|                     | Center distance [mm]: 100                           |

| Part-#              | Name                                             |                   |
|---------------------|--------------------------------------------------|-------------------|
| <b>8 030 46 119</b> | <b>Radial drilling and milling head ER 32</b>    |                   |
|                     | Weight [kg]:                                     | 6.630             |
|                     | Version:                                         | left              |
|                     | Tool drive:                                      | DIN 5480          |
|                     | 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:                              | opposite          |
|                     | Coolant:                                         | EXT               |
|                     | Center distance [mm]:                            | 100               |
| <b>8 030 46 170</b> | <b>Radial drilling and milling head ER 32 IC</b> |                   |
|                     | Version:                                         | left              |
|                     | Tool drive:                                      | DIN 5480          |
|                     | 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:                              | opposite          |
|                     | Coolant:                                         | IC/Ext            |
|                     | Pressure max [bar]:                              | 140               |
|                     | Please note:                                     | with fixation pin |
|                     | Center distance [mm]:                            | 100               |
| <b>8 030 46 249</b> | <b>Radial drilling and milling head ER 32</b>    |                   |
|                     | Weight [kg]:                                     | 6.820             |
|                     | Version:                                         | left              |
|                     | Tool drive:                                      | DIN 5480          |
|                     | 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]:                            | 100               |
| <b>8 030 46 251</b> | <b>Radial drilling and milling head ER 32 IC</b> |                   |
|                     | Weight [kg]:                                     | 7.540             |
|                     | Version:                                         | left              |
|                     | Tool drive:                                      | DIN 5480          |
|                     | 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                |
|                     | Center distance [mm]:                            | 100               |

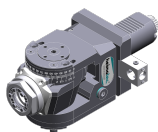
| Part-#              | Name                                                   |
|---------------------|--------------------------------------------------------|
| <b>8 030 46 304</b> | <b>Radial drilling and milling head ER 32 AX UT IC</b> |
|                     | Version: left                                          |
|                     | Tool drive: DIN 5480                                   |
|                     | 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: opposite                           |
|                     | Coolant: IC/Ext                                        |
|                     | Pressure max [bar]: 140                                |
|                     | Center distance [mm]: 100                              |
| <b>8 030 46 306</b> | <b>Radial drilling and milling head ER 32 AX UT</b>    |
|                     | Weight [kg]: 6.390                                     |
|                     | Version: left                                          |
|                     | Tool drive: DIN 5480                                   |
|                     | 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: opposite                           |
|                     | Coolant: EXT                                           |
|                     | Center distance [mm]: 100                              |
| <b>8 030 46 307</b> | <b>Radial drilling and milling head ER 32 AX UT</b>    |
|                     | Weight [kg]: 6.310                                     |
|                     | Version: right                                         |
|                     | Tool drive: DIN 5480                                   |
|                     | 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: opposite                           |
|                     | Coolant: EXT                                           |
|                     | Center distance [mm]: 100                              |
| <b>8 030 47 067</b> | <b>Radial drilling and milling head HT 5</b>           |
|                     | Weight [kg]: 5.560                                     |
|                     | Version: left                                          |
|                     | Tool drive: DIN 5480                                   |
|                     | 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: opposite                           |
|                     | Coolant: EXT                                           |
|                     | Center distance [mm]: 100                              |

| Part-#              | Name                                            |                    |
|---------------------|-------------------------------------------------|--------------------|
| <b>8 030 47 142</b> | <b>Radial drilling and milling head HT 5 IC</b> |                    |
|                     | Weight [kg]:                                    | 8.290              |
|                     | Version:                                        | right              |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 40.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | HT 5               |
|                     | Gear ratio [i]:                                 | 1:2                |
|                     | Torque max [Nm]:                                | 16                 |
|                     | Rotation max [1/min]:                           | 12000              |
|                     | Rotating direction:                             | opposite           |
|                     | Coolant:                                        | IC/Ext             |
|                     | Pressure max [bar]:                             | 140                |
|                     | Please note:                                    | stronger bearing   |
|                     | Center distance [mm]:                           | 100                |
| <b>8 030 48 006</b> | <b>Radial drilling and milling head HT 6 IC</b> |                    |
|                     | Weight [kg]:                                    | 7.900              |
|                     | Version:                                        | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 40.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | HT 6               |
|                     | 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]:                           | 100                |
| <b>8 031 44 025</b> | <b>Radial milling head universal arbor 16</b>   |                    |
|                     | Version:                                        | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | 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:                             | opposite           |
|                     | Coolant:                                        | EXT                |
|                     | Center distance [mm]:                           | 100                |
| <b>8 031 45 019</b> | <b>Radial polygon head arbor 22</b>             |                    |
|                     | Weight [kg]:                                    | 7.330              |
|                     | Version:                                        | left               |
|                     | Tool drive:                                     | DIN 5480           |
|                     | Shank size [mm]:                                | 40.00              |
|                     | Shank type:                                     | VDI                |
|                     | Tool adaption:                                  | Polygon arbor 22   |
|                     | Gear ratio [i]:                                 | 1:1                |
|                     | Torque max [Nm]:                                | 50                 |
|                     | Rotation max [1/min]:                           | 6000               |
|                     | Rotating direction:                             | opposite           |
|                     | Coolant:                                        | EXT                |
|                     | Please note:                                    | stronger bearing   |

| Part-#              | Name                                                |                    |
|---------------------|-----------------------------------------------------|--------------------|
|                     | Center distance [mm]:                               | 100                |
| <b>8 031 46 009</b> | <b>Radial milling head universal arbor 27</b>       |                    |
|                     | Version:                                            | left               |
|                     | Tool drive:                                         | DIN 5480           |
|                     | Shank size [mm]:                                    | 40.00              |
|                     | Shank type:                                         | VDI                |
|                     | Tool adaption:                                      | Universal arbor 27 |
|                     | 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]:                               | 100                |
| <b>8 033 47 013</b> | <b>Radial drilling and milling head HT 5 IC</b>     |                    |
|                     | Weight [kg]:                                        | 8.480              |
|                     | Notation:                                           | offset             |
|                     | Version:                                            | right              |
|                     | Tool drive:                                         | DIN 5480           |
|                     | 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]:                                 | 140                |
|                     | Center distance [mm]:                               | 100                |
| <b>8 033 48 003</b> | <b>Radial drilling and milling head HT 6 IC</b>     |                    |
|                     | Weight [kg]:                                        | 8.940              |
|                     | Notation:                                           | offset             |
|                     | Version:                                            | right              |
|                     | Tool drive:                                         | DIN 5480           |
|                     | Shank size [mm]:                                    | 40.00              |
|                     | Shank type:                                         | VDI                |
|                     | Tool adaption:                                      | HT 6               |
|                     | 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:                                        | stronger bearing   |
|                     | Center distance [mm]:                               | 100                |
| <b>8 036 46 010</b> | <b>Radial drilling and milling head ER 32 AX UT</b> |                    |
|                     | Weight [kg]:                                        | 6.490              |
|                     | Version:                                            | doubletoothed      |
|                     | Tool drive:                                         | DIN 5480           |
|                     | Shank size [mm]:                                    | 40.00              |
|                     | Shank type:                                         | VDI                |
|                     | Tool adaption:                                      | ER 32 A - u-tec    |
|                     | Gear ratio [i]:                                     | 1:1                |
|                     | Torque max [Nm]:                                    | 50                 |

| Part-#              | Name                                                                                                                                                                                                                                                                                                                                                |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | Rotation max [1/min]: 6000<br>Rotating direction: opposite<br>Coolant: EXT<br>Center distance [mm]: 100                                                                                                                                                                                                                                             |
| <b>8 036 46 012</b> | <b>Radial drilling and milling head ER 32 AX UT IC</b>                                                                                                                                                                                                                                                                                              |
|                     | Weight [kg]: 6.920<br>Version: doubletoothed<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 32 A - u-tec<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 50<br>Rotation max [1/min]: 6000<br>Rotating direction: opposite<br>Coolant: IC/Ext<br>Pressure max [bar]: 140<br>Center distance [mm]: 100          |
| <b>8 039 45 048</b> | <b>Radial drilling and milling head ER 25 AX UT</b>                                                                                                                                                                                                                                                                                                 |
|                     | Weight [kg]: 7.940<br>Version: double spindle<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 25 A - u-tec<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 50<br>Rotation max [1/min]: 6000<br>Rotating direction: same/opposite<br>Coolant: EXT<br>Please note: stronger bearing<br>Center distance [mm]: 100 |
| <b>8 040 44 066</b> | <b>Universal head ± 90° adjustable ER 16 AX UT</b>                                                                                                                                                                                                                                                                                                  |
|                     | Version: right<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 16 A - u-tec<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 25<br>Rotation max [1/min]: 6000<br>Rotating direction: opposite<br>Coolant: EXT<br>Center distance [mm]: 87                                                                       |
| <b>8 040 44 067</b> | <b>Universal head ± 90° adjustable ER 16 AX UT</b>                                                                                                                                                                                                                                                                                                  |
|                     | Weight [kg]: 4.890<br>Version: left<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 16 A - u-tec<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 25<br>Rotation max [1/min]: 6000                                                                                                                              |

| Part-#              | Name                                                  |                 |
|---------------------|-------------------------------------------------------|-----------------|
|                     | Rotating direction:                                   | opposite        |
|                     | Coolant:                                              | EXT             |
|                     | Center distance [mm]:                                 | 87              |
| <b>8 040 44 070</b> | <b>Universal head ± 90° adjustable ER 16 AX UT IC</b> |                 |
|                     | Version:                                              | right           |
|                     | Tool drive:                                           | DIN 5480        |
|                     | Shank size [mm]:                                      | 40.00           |
|                     | 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]:                                 | 87              |
| <b>8 040 44 074</b> | <b>Universal head ± 90° adjustable ER 16 AX UT</b>    |                 |
|                     | Version:                                              | left            |
|                     | Tool drive:                                           | DIN 5480        |
|                     | Shank size [mm]:                                      | 40.00           |
|                     | 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]:                                 | 87              |
| <b>8 040 44 078</b> | <b>Universal head ± 90° adjustable ER 16 AX UT IC</b> |                 |
|                     | Weight [kg]:                                          | 4.980           |
|                     | Version:                                              | left            |
|                     | Tool drive:                                           | DIN 5480        |
|                     | Shank size [mm]:                                      | 40.00           |
|                     | 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]:                                 | 87              |
| <b>8 040 45 073</b> | <b>Universal head ± 90° adjustable ER 25 AX UT IC</b> |                 |
|                     | Version:                                              | left            |
|                     | Tool drive:                                           | DIN 5480        |
|                     | Shank size [mm]:                                      | 40.00           |
|                     | 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<br>Please note: stronger bearing<br>Center distance [mm]: 87                                                                                                                                                                                                                                                                                                             |
| <b>8 040 45 103</b> | <b>Universal head ± 90° adjustable ER 25 AX UT IC</b>                                                                                                                                                                                                                                                                                                                                            |
|                     | Weight [kg]: 5.170<br>Version: left; at 65° position can be pinned<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 25 A - u-tec<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 25<br>Rotation max [1/min]: 6000<br>Rotating direction: opposite<br>Coolant: IC/Ext<br>Pressure max [bar]: 140<br>Please note: stronger bearing<br>Center distance [mm]: 87 |
| <b>8 040 45 139</b> | <b>Universal head ± 90° adjustable ER 25</b>                                                                                                                                                                                                                                                                                                                                                     |
|                     | Weight [kg]: 5.230<br>Version: left<br>Tool drive: DIN 5480<br>Shank size [mm]: 40.00<br>Shank type: VDI<br>Tool adaption: ER 25<br>Gear ratio [i]: 1:1<br>Torque max [Nm]: 25<br>Rotation max [1/min]: 6000<br>Rotating direction: opposite<br>Coolant: EXT<br>Please note: stronger bearing<br>Center distance [mm]: 87                                                                        |
| <b>8 200 40 000</b> | <b>Plug Z2-40 K</b>                                                                                                                                                                                                                                                                                                                                                                              |
|                     | Weight [kg]: 0.140<br>Shank size [mm]: 40.00<br>Shank type: VDI                                                                                                                                                                                                                                                                                                                                  |
| <b>8 200 40 001</b> | <b>Plug Z2-40 S</b>                                                                                                                                                                                                                                                                                                                                                                              |
|                     | Weight [kg]: 1.360<br>Shank size [mm]: 40.00<br>Shank type: VDI                                                                                                                                                                                                                                                                                                                                  |
| <b>8 200 41 002</b> | <b>Tool holder A2-40x120</b>                                                                                                                                                                                                                                                                                                                                                                     |
|                     | Weight [kg]: 5.800<br>Shank size [mm]: 40.00<br>Shank type: VDI                                                                                                                                                                                                                                                                                                                                  |
| <b>8 200 41 003</b> | <b>Tool holder A2-40x200</b>                                                                                                                                                                                                                                                                                                                                                                     |
|                     | Weight [kg]: 9.120<br>Shank size [mm]: 40.00<br>Shank type: VDI                                                                                                                                                                                                                                                                                                                                  |

| Part-#              | Name                                      |                 |
|---------------------|-------------------------------------------|-----------------|
| <b>8 200 41 004</b> | <b>Tool holder A2-40x320</b>              |                 |
|                     | Weight [kg]:                              | 14.360          |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
| <b>8 200 44 000</b> | <b>Tool holder A1-40x100</b>              |                 |
|                     | Weight [kg]:                              | 11.940          |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
| <b>8 202 43 000</b> | <b>Basic holder transversal set SZ 40</b> |                 |
|                     | Weight [kg]:                              | 1.560           |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
|                     | Tool adaption:                            | Interface SZ 40 |
|                     | Coolant:                                  | EXT             |
| <b>8 206 42 000</b> | <b>Adapter for VDI 30</b>                 |                 |
|                     | Weight [kg]:                              | 3.530           |
|                     | Version:                                  | doubletoothed   |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
|                     | Tool adaption:                            | DIN 69880 - 30  |
|                     | Coolant:                                  | EXT             |
|                     | Please note:                              | Special         |
| <b>8 208 49 001</b> | <b>Test mandrel VDI 40x40x200</b>         |                 |
|                     | Weight [kg]:                              | 3.020           |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
| <b>8 208 49 003</b> | <b>Test mandrel VDI 40x40x300</b>         |                 |
|                     | Weight [kg]:                              | 4.020           |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
| <b>8 209 44 004</b> | <b>Adapter for VDI 40</b>                 |                 |
|                     | Weight [kg]:                              | 6.720           |
|                     | Notation:                                 | offset          |
|                     | Version:                                  | right           |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
|                     | Tool adaption:                            | DIN 69880 - 40  |
|                     | Coolant:                                  | EXT             |
|                     | Center distance [mm]:                     | 100             |
| <b>8 209 44 005</b> | <b>Adapter for VDI 40</b>                 |                 |
|                     | Weight [kg]:                              | 6.740           |
|                     | Notation:                                 | offset          |
|                     | Version:                                  | left            |
|                     | Shank size [mm]:                          | 40.00           |
|                     | Shank type:                               | VDI             |
|                     | Tool adaption:                            | DIN 69880 - 40  |
|                     | Coolant:                                  | EXT             |
|                     | Center distance [mm]:                     | 100             |

| Part-#              | Name                                    |                  |
|---------------------|-----------------------------------------|------------------|
| <b>8 210 41 000</b> | <b>Tool holder F 40-MK 1</b>            |                  |
|                     | Weight [kg]:                            | 1.600            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 1 |
|                     | Coolant:                                | IC               |
| <b>8 210 42 001</b> | <b>Tool holder F 40-MK 2</b>            |                  |
|                     | Weight [kg]:                            | 1.620            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 2 |
|                     | Coolant:                                | IC               |
| <b>8 210 43 000</b> | <b>Tool holder E2-40x 8</b>             |                  |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 8              |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 43 002</b> | <b>Tool holder F 40-MK 3</b>            |                  |
|                     | Weight [kg]:                            | 1.520            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 3 |
|                     | Coolant:                                | IC               |
| <b>8 210 43 003</b> | <b>Short drill chuck VDI 40x 8</b>      |                  |
|                     | Weight [kg]:                            | 1.700            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | EXT              |
| <b>8 210 43 004</b> | <b>Short drill chuck VDI 40x 8 - IC</b> |                  |
|                     | Weight [kg]:                            | 1.730            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Coolant:                                | IC               |
| <b>8 210 44 001</b> | <b>Tool holder E2-40x10</b>             |                  |
|                     | Weight [kg]:                            | 2.320            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | Ø 10             |
|                     | Coolant:                                | IC/Ext           |
| <b>8 210 44 007</b> | <b>Tool holder F 40-MK 4</b>            |                  |
|                     | Weight [kg]:                            | 2.460            |
|                     | Shank size [mm]:                        | 40.00            |
|                     | Shank type:                             | VDI              |
|                     | Tool adaption:                          | DIN 228 D - MK 4 |
|                     | Coolant:                                | IC               |

| Part-#              | Name                                    |                                    |
|---------------------|-----------------------------------------|------------------------------------|
| <b>8 210 44 008</b> | <b>Short drill chuck VDI 40x13</b>      |                                    |
|                     | Weight [kg]:                            | 2.280                              |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Coolant:                                | EXT                                |
| <b>8 210 44 009</b> | <b>Tool holder E2-40x14</b>             |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 14                               |
|                     | Coolant:                                | IC/Ext                             |
| <b>8 210 44 010</b> | <b>Tool holder E1-40x10</b>             |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 10                               |
|                     | Coolant:                                | IC                                 |
| <b>8 210 44 011</b> | <b>Tool holder E1-40x12</b>             |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 12                               |
|                     | Coolant:                                | IC                                 |
| <b>8 210 44 014</b> | <b>Short drill chuck VDI 40x13 - IC</b> |                                    |
|                     | Weight [kg]:                            | 2.290                              |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Coolant:                                | IC                                 |
| <b>8 210 44 017</b> | <b>Tool holder E1-40x14</b>             |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 14                               |
|                     | Coolant:                                | IC                                 |
| <b>8 210 44 018</b> | <b>Tool holder E1-40x12,5 - special</b> |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 12,5                             |
|                     | Coolant:                                | IC                                 |
|                     | Please note:                            | Special version                    |
| <b>8 210 44 019</b> | <b>Tool holder E2-40x10 - special</b>   |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 10                               |
|                     | Coolant:                                | IC/Ext                             |
|                     | Please note:                            | Shaft with hole, locked with screw |
| <b>8 210 44 020</b> | <b>Tool holder E2-40x12 - special</b>   |                                    |
|                     | Shank size [mm]:                        | 40.00                              |
|                     | Shank type:                             | VDI                                |
|                     | Tool adaption:                          | Ø 12                               |
|                     | Coolant:                                | IC/Ext                             |
|                     | Please note:                            | Shaft with hole, locked with screw |

| Part-#                                                                            | Name                                    |                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|
| 8 210 45 000                                                                      | <b>Tool holder E2-40x16</b>             |                                  |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | Ø 16                             |
|                                                                                   | Coolant:                                | IC/Ext                           |
| 8 210 45 002                                                                      | <b>Tool holder E4-40xER 25</b>          |                                  |
|  | Weight [kg]:                            | 1.570                            |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | ER 25                            |
|                                                                                   | Coolant:                                | IC                               |
| 8 210 45 003                                                                      | <b>Tool holder E1-40x16</b>             |                                  |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | Ø 16                             |
|                                                                                   | Coolant:                                | IC                               |
| 8 210 45 006                                                                      | <b>Short drill chuck VDI 40x16</b>      |                                  |
|                                                                                   | Weight [kg]:                            | 2.460                            |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Coolant:                                | EXT                              |
| 8 210 45 007                                                                      | <b>Tool holder E3-40x C 16</b>          |                                  |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | DIN 6388 - C 16                  |
|                                                                                   | Coolant:                                | IC                               |
| 8 210 45 009                                                                      | <b>Short drill chuck VDI 40x16 - IC</b> |                                  |
|                                                                                   | Weight [kg]:                            | 2.320                            |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Coolant:                                | IC                               |
| 8 210 45 012                                                                      | <b>Tool holder E2-40x16 - special</b>   |                                  |
|                                                                                   | Version:                                | with 180° rotated fixed clamping |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | Ø 16                             |
|                                                                                   | Coolant:                                | IC/Ext                           |
|                                                                                   | Please note:                            | Special version                  |
| 8 210 45 013                                                                      | <b>Tool holder E2-40x18</b>             |                                  |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | Ø 18                             |
|                                                                                   | Coolant:                                | IC/Ext                           |
| 8 210 45 014                                                                      | <b>Tool holder E1-40x18</b>             |                                  |
|                                                                                   | Shank size [mm]:                        | 40.00                            |
|                                                                                   | Shank type:                             | VDI                              |
|                                                                                   | Tool adaption:                          | Ø 18                             |
|                                                                                   | Coolant:                                | IC                               |

| Part-#                                                                            | Name                                  |                                    |
|-----------------------------------------------------------------------------------|---------------------------------------|------------------------------------|
| <b>8 210 45 020</b>                                                               | <b>Tool holder ER 25 AX UT IC</b>     |                                    |
|                                                                                   | Weight [kg]:                          | 1.860                              |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | ER 25 A - u-tec                    |
|                                                                                   | Coolant:                              | IC/Ext                             |
| <b>8 210 46 000</b>                                                               | <b>Tool holder E4-40xER 32</b>        |                                    |
|  | Weight [kg]:                          | 1.640                              |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | ER 32                              |
|                                                                                   | Coolant:                              | IC                                 |
| <b>8 210 46 002</b>                                                               | <b>Tool holder E2-40x20</b>           |                                    |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | Ø 20                               |
|                                                                                   | Coolant:                              | IC/Ext                             |
| <b>8 210 46 004</b>                                                               | <b>Tool holder E1-40x20</b>           |                                    |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | Ø 20                               |
|                                                                                   | Coolant:                              | IC                                 |
| <b>8 210 46 008</b>                                                               | <b>Tool holder HT 4 IC</b>            |                                    |
|                                                                                   | Version:                              | right / left                       |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | HT 4                               |
|                                                                                   | Coolant:                              | IC/Ext                             |
|                                                                                   | Please note:                          | HT- insert 3x 90° demountable      |
| <b>8 210 46 009</b>                                                               | <b>Tool holder E2-40x20 - special</b> |                                    |
|                                                                                   | Version:                              | with 180° rotated fixed clamping   |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | Ø 20                               |
|                                                                                   | Coolant:                              | IC/Ext                             |
|                                                                                   | Please note:                          | Special version                    |
| <b>8 210 46 010</b>                                                               | <b>Tool holder E2-40x20 - special</b> |                                    |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | Ø 20                               |
|                                                                                   | Coolant:                              | IC/Ext                             |
|                                                                                   | Please note:                          | Shaft with hole, locked with screw |
| <b>8 210 47 001</b>                                                               | <b>Tool holder E2-40x25</b>           |                                    |
|                                                                                   | Shank size [mm]:                      | 40.00                              |
|                                                                                   | Shank type:                           | VDI                                |
|                                                                                   | Tool adaption:                        | Ø 25                               |
|                                                                                   | Coolant:                              | IC/Ext                             |

| Part-#              | Name                                  |                                  |
|---------------------|---------------------------------------|----------------------------------|
| <b>8 210 47 003</b> | <b>Tool holder E3-40x C 25</b>        |                                  |
|                     | Weight [kg]:                          | 1.980                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | DIN 6388 - C 25                  |
|                     | Coolant:                              | IC                               |
| <b>8 210 47 004</b> | <b>Tool holder E4-40xER 40</b>        |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | ER 40                            |
|                     | Coolant:                              | IC                               |
| <b>8 210 47 005</b> | <b>Tool holder E1-40x25</b>           |                                  |
|                     | Weight [kg]:                          | 1.840                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 25                             |
|                     | Coolant:                              | IC                               |
| <b>8 210 47 009</b> | <b>Tool holder E2-40x25 - special</b> |                                  |
|                     | Version:                              | with 180° rotated fixed clamping |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 25                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Please note:                          | Special version                  |
| <b>8 210 47 010</b> | <b>Tool holder HT 5 IC</b>            |                                  |
|                     | Version:                              | right / left                     |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | HT 5                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Please note:                          | HT- insert 3x 90° demountable    |
| <b>8 210 47 012</b> | <b>Tool holder HT 5 IC</b>            |                                  |
|                     | Weight [kg]:                          | 1.880                            |
|                     | Version:                              | left                             |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | HT 5                             |
|                     | Coolant:                              | IC/Ext                           |
| <b>8 210 48 001</b> | <b>Tool holder E2-40x32</b>           |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 32                             |
|                     | Coolant:                              | IC/Ext                           |
| <b>8 210 48 003</b> | <b>Tool holder E3-40x C 32</b>        |                                  |
|                     | Weight [kg]:                          | 2.480                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | DIN 6388 - C 32                  |
|                     | Coolant:                              | IC                               |

| Part-#              | Name                                  |                                  |
|---------------------|---------------------------------------|----------------------------------|
| <b>8 210 48 004</b> | <b>Tool holder E1-40x32</b>           |                                  |
|                     | Weight [kg]:                          | 1.830                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 32                             |
|                     | Coolant:                              | IC                               |
| <b>8 210 48 008</b> | <b>Tool holder E2-40x32 - special</b> |                                  |
|                     | Version:                              | with 180° rotated fixed clamping |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 32                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Please note:                          | Special version                  |
| <b>8 210 48 009</b> | <b>Tool holder E2-40x32 - special</b> |                                  |
|                     | Version:                              | Special                          |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 32                             |
|                     | Coolant:                              | IC/Ext                           |
| <b>8 210 48 012</b> | <b>Tool holder E2-40x32 special</b>   |                                  |
|                     | Version:                              | Special                          |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 32                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Please note:                          | with end stop                    |
| <b>8 210 49 000</b> | <b>Tool holder E2-40x40</b>           |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 40                             |
|                     | Coolant:                              | IC/Ext                           |
| <b>8 210 49 002</b> | <b>Tool holder E1-40x40</b>           |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 40                             |
|                     | Coolant:                              | IC                               |
| <b>8 210 49 003</b> | <b>Tool holder E1-40x50</b>           |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 50                             |
|                     | Coolant:                              | IC                               |
| <b>8 210 49 005</b> | <b>Tool holder E2-40x50</b>           |                                  |
|                     | Weight [kg]:                          | 3.000                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 50                             |
|                     | Coolant:                              | IC/Ext                           |



| Part-#              | Name                                  |                                  |
|---------------------|---------------------------------------|----------------------------------|
| <b>8 210 49 008</b> | <b>Tool holder E2-40x40 - special</b> |                                  |
|                     | Version:                              | with 180° rotated fixed clamping |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 40                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Please note:                          | Special version                  |
| <b>8 214 43 000</b> | <b>Tool holder C1-40x25</b>           |                                  |
|                     | Employment for:                       | VDI 40                           |
|                     | Version:                              | right                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Sq. 25/20                        |
|                     | Coolant:                              | EXT                              |
| <b>8 214 43 001</b> | <b>Tool holder C3-40x25</b>           |                                  |
|                     | Employment for:                       | VDI 40                           |
|                     | Version:                              | right                            |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Sq. 25/20                        |
|                     | Coolant:                              | EXT                              |
| <b>8 214 43 008</b> | <b>Tool holder C1-40x25 special</b>   |                                  |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Sq. 25/20                        |
|                     | Coolant:                              | EXT                              |
| <b>8 215 43 000</b> | <b>Tool holder C2-40x25</b>           |                                  |
|                     | Employment for:                       | VDI 40                           |
|                     | Version:                              | left                             |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Sq. 25/20                        |
|                     | Coolant:                              | EXT                              |
| <b>8 215 43 003</b> | <b>Tool holder C2-40x25 special</b>   |                                  |
|                     | Weight [kg]:                          | 4.480                            |
|                     | Version:                              | left                             |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Sq. 25/20                        |
|                     | Coolant:                              | EXT                              |
| <b>8 219 47 004</b> | <b>Boring bar holder ø 25</b>         |                                  |
|                     | Weight [kg]:                          | 2.820                            |
|                     | Version:                              | left; offset                     |
|                     | Shank size [mm]:                      | 40.00                            |
|                     | Shank type:                           | VDI                              |
|                     | Tool adaption:                        | Ø 25                             |
|                     | Coolant:                              | IC/Ext                           |
|                     | Offset [mm]:                          | 25                               |



| Part-#                                                                            | Name                          |                             |
|-----------------------------------------------------------------------------------|-------------------------------|-----------------------------|
| <b>8 219 48 006</b>                                                               | <b>Boring bar holder Ø 32</b> |                             |
|  | Version:                      | left, offset                |
|                                                                                   | Shank size [mm]:              | 40.00                       |
|                                                                                   | Shank type:                   | VDI                         |
|                                                                                   | Tool adaption:                | Ø 32                        |
|                                                                                   | Coolant:                      | IC/Ext                      |
|                                                                                   | Offset [mm]:                  | 30                          |
| <b>8 230 46 004</b>                                                               | <b>Boring bar holder Ø 20</b> |                             |
|                                                                                   | Version:                      | right                       |
|                                                                                   | Shank size [mm]:              | 40.00                       |
|                                                                                   | Shank type:                   | VDI                         |
|                                                                                   | Tool adaption:                | Ø 20                        |
|                                                                                   | Coolant:                      | IC/Ext                      |
|                                                                                   | Please note:                  | demountable in left version |
|                                                                                   | Center distance [mm]:         | 120                         |
| <b>8 230 47 017</b>                                                               | <b>Boring bar holder Ø 25</b> |                             |
|                                                                                   | Version:                      | right                       |
|                                                                                   | Shank size [mm]:              | 40.00                       |
|                                                                                   | Shank type:                   | VDI                         |
|                                                                                   | Tool adaption:                | Ø 25                        |
|                                                                                   | Coolant:                      | IC/Ext                      |
|                                                                                   | Please note:                  | demountable in left version |
|                                                                                   | Center distance [mm]:         | 120                         |
| <b>8 230 48 013</b>                                                               | <b>Boring bar holder Ø 32</b> |                             |
|                                                                                   | Weight [kg]:                  | 7.860                       |
|                                                                                   | Version:                      | right                       |
|                                                                                   | Shank size [mm]:              | 40.00                       |
|                                                                                   | Shank type:                   | VDI                         |
|                                                                                   | Tool adaption:                | Ø 32                        |
|                                                                                   | Coolant:                      | IC/Ext                      |
|                                                                                   | Please note:                  | demountable in left version |
|                                                                                   | Center distance [mm]:         | 120                         |
| <b>8 230 49 016</b>                                                               | <b>Boring bar holder Ø 40</b> |                             |
|                                                                                   | Weight [kg]:                  | 7.600                       |
|                                                                                   | 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]:         | 120                         |
| <b>8 230 49 026</b>                                                               | <b>Boring bar holder Ø 40</b> |                             |
|                                                                                   | Weight [kg]:                  | 7.300                       |
|                                                                                   | 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]:         | 120                         |

| Part-#              | Name                          |                              |
|---------------------|-------------------------------|------------------------------|
| <b>8 230 49 038</b> | <b>Boring bar holder Ø 40</b> |                              |
|                     | 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]:         | 120                          |
| <b>8 230 49 041</b> | <b>Boring bar holder Ø 40</b> |                              |
|                     | Weight [kg]:                  | 6.490                        |
|                     | Version:                      | right; special               |
|                     | Shank size [mm]:              | 40.00                        |
|                     | Shank type:                   | VDI                          |
|                     | Tool adaption:                | Ø 40                         |
|                     | Coolant:                      | IC/Ext                       |
|                     | Please note:                  | demountable in left version  |
|                     | Center distance [mm]:         | 120                          |
| <b>8 231 47 006</b> | <b>Boring bar holder Ø 25</b> |                              |
|                     | Version:                      | left                         |
|                     | Shank size [mm]:              | 40.00                        |
|                     | Shank type:                   | VDI                          |
|                     | Tool adaption:                | Ø 25                         |
|                     | Coolant:                      | IC/Ext                       |
|                     | Please note:                  | demountable in right version |
|                     | Center distance [mm]:         | 120                          |
| <b>8 231 48 000</b> | <b>Tool holder HT 6</b>       |                              |
|                     | Weight [kg]:                  | 6.080                        |
|                     | Notation:                     | offset                       |
|                     | Version:                      | left                         |
|                     | Shank size [mm]:              | 40.00                        |
|                     | Shank type:                   | VDI                          |
|                     | Tool adaption:                | HT 6                         |
|                     | Coolant:                      | IC/Ext                       |
|                     | Center distance [mm]:         | 100                          |
| <b>8 231 48 003</b> | <b>Boring bar holder Ø 32</b> |                              |
|                     | Weight [kg]:                  | 6.770                        |
|                     | Version:                      | left                         |
|                     | Shank size [mm]:              | 40.00                        |
|                     | Shank type:                   | VDI                          |
|                     | Tool adaption:                | Ø 32                         |
|                     | Coolant:                      | IC/Ext                       |
|                     | Please note:                  | demountable in right version |
|                     | Center distance [mm]:         | 100                          |
| <b>8 231 48 007</b> | <b>Boring bar holder Ø 32</b> |                              |
|                     | Version:                      | left                         |
|                     | Shank size [mm]:              | 40.00                        |
|                     | Shank type:                   | VDI                          |
|                     | Tool adaption:                | Ø 32                         |
|                     | Coolant:                      | IC/Ext                       |
|                     | Please note:                  | demountable in right version |
|                     | Center distance [mm]:         | 120                          |

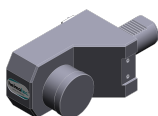
| Part-#              | Name                           |                              |
|---------------------|--------------------------------|------------------------------|
| <b>8 231 48 008</b> | <b>Boring bar holder Ø 32</b>  |                              |
|                     | Employment for:                | Heavy duty cutting           |
|                     | Version:                       | left                         |
|                     | Shank size [mm]:               | 40.00                        |
|                     | Shank type:                    | VDI                          |
|                     | Tool adaption:                 | Ø 32                         |
|                     | Coolant:                       | IC/Ext                       |
|                     | Please note:                   | demountable in right version |
|                     | Center distance [mm]:          | 120                          |
| <b>8 231 49 007</b> | <b>Boring bar holder Ø 40</b>  |                              |
|                     | Weight [kg]:                   | 6.510                        |
|                     | 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]:          | 100                          |
| <b>8 231 49 024</b> | <b>Boring bar holder Ø 40</b>  |                              |
|                     | 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]:          | 120                          |
| <b>8 234 43 000</b> | <b>Tool holder B1-40x25x44</b> |                              |
|                     | Employment for:                | VDI 40                       |
|                     | Version:                       | right                        |
|                     | Shank size [mm]:               | 40.00                        |
|                     | Shank type:                    | VDI                          |
|                     | Tool adaption:                 | Sq. 25/20                    |
|                     | Coolant:                       | EXT                          |
| <b>8 234 43 001</b> | <b>Tool holder B3-40x25x44</b> |                              |
|                     | Employment for:                | VDI 40                       |
|                     | Shank size [mm]:               | 40.00                        |
|                     | Shank type:                    | VDI                          |
|                     | Tool adaption:                 | Sq. 25/20                    |
|                     | Coolant:                       | EXT                          |
| <b>8 234 43 002</b> | <b>Tool holder B5-40x25x44</b> |                              |
|                     | Weight [kg]:                   | 3.120                        |
|                     | Shank size [mm]:               | 40.00                        |
|                     | Shank type:                    | VDI                          |
|                     | Tool adaption:                 | Sq. 25/20                    |
|                     | Coolant:                       | EXT                          |
| <b>8 234 43 003</b> | <b>Tool holder B7-40x25x44</b> |                              |
|                     | Weight [kg]:                   | 3.320                        |
|                     | Shank size [mm]:               | 40.00                        |
|                     | Shank type:                    | VDI                          |
|                     | Tool adaption:                 | Sq. 25/20                    |
|                     | Coolant:                       | EXT                          |

| Part-#              | Name                                    |                                         |
|---------------------|-----------------------------------------|-----------------------------------------|
| <b>8 234 43 005</b> | <b>Tool holder B5-40x25x44 special</b>  |                                         |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
| <b>8 234 45 003</b> | <b>Combi facing holder sq. 25/20</b>    |                                         |
|                     | Weight [kg]:                            | 6.160                                   |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
| <b>8 234 45 004</b> | <b>Combi facing holder sq. 25/20</b>    |                                         |
|                     | Weight [kg]:                            | 9.780                                   |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
| <b>8 235 43 000</b> | <b>Tool holder B2-40x25x44</b>          |                                         |
|                     | Employment for:                         | VDI 40                                  |
|                     | Version:                                | left                                    |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
| <b>8 235 43 009</b> | <b>Tool holder B6-40x25x44 special</b>  |                                         |
|                     | Weight [kg]:                            | 2.960                                   |
|                     | Employment for:                         | VDI 40                                  |
|                     | Version:                                | Special; left                           |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
|                     | Please note:                            | Insert for system "Jetstream" from Seco |
| <b>8 235 43 010</b> | <b>Tool holder B2-40x25x44 special</b>  |                                         |
|                     | Weight [kg]:                            | 2.260                                   |
|                     | Employment for:                         | VDI 40                                  |
|                     | Version:                                | Special; left                           |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | Sq. 25/20                               |
|                     | Coolant:                                | EXT                                     |
|                     | Please note:                            | Insert for system "Jetstream" from Seco |
| <b>8 239 45 005</b> | <b>Double collet chuck holder ER 25</b> |                                         |
|                     | Weight [kg]:                            | 6.140                                   |
|                     | Employment for:                         | Main- and sub spindle                   |
|                     | Shank size [mm]:                        | 40.00                                   |
|                     | Shank type:                             | VDI                                     |
|                     | Tool adaption:                          | ER 25                                   |
|                     | Coolant:                                | IC/Ext                                  |
|                     | Center distance [mm]:                   | 100                                     |

| Part-#              | Name                                    |                       |
|---------------------|-----------------------------------------|-----------------------|
| <b>8 239 46 006</b> | <b>Double collet chuck holder ER 32</b> |                       |
|                     | Weight [kg]:                            | 6.390                 |
|                     | Employment for:                         | Main- and sub spindle |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | ER 32                 |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 100                   |
| <b>8 239 46 018</b> | <b>Double boring bar holder Ø 20</b>    |                       |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 20                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 120                   |
| <b>8 239 46 019</b> | <b>Double boring bar holder Ø 20</b>    |                       |
|                     | Employment for:                         | Heavy duty cutting    |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 20                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 120                   |
| <b>8 239 47 009</b> | <b>Double boring bar holder Ø 25</b>    |                       |
|                     | Weight [kg]:                            | 9.290                 |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 25                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 120                   |
| <b>8 239 47 010</b> | <b>Double boring bar holder Ø 25</b>    |                       |
|                     | Employment for:                         | Heavy duty cutting    |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 25                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 120                   |
| <b>8 239 48 000</b> | <b>Double boring bar holder Ø 32</b>    |                       |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 32                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 100                   |
| <b>8 239 48 001</b> | <b>Double boring bar holder Ø 32</b>    |                       |
|                     | Weight [kg]:                            | 9.070                 |
|                     | Shank size [mm]:                        | 40.00                 |
|                     | Shank type:                             | VDI                   |
|                     | Tool adaption:                          | Ø 32                  |
|                     | Coolant:                                | IC/Ext                |
|                     | Center distance [mm]:                   | 120                   |

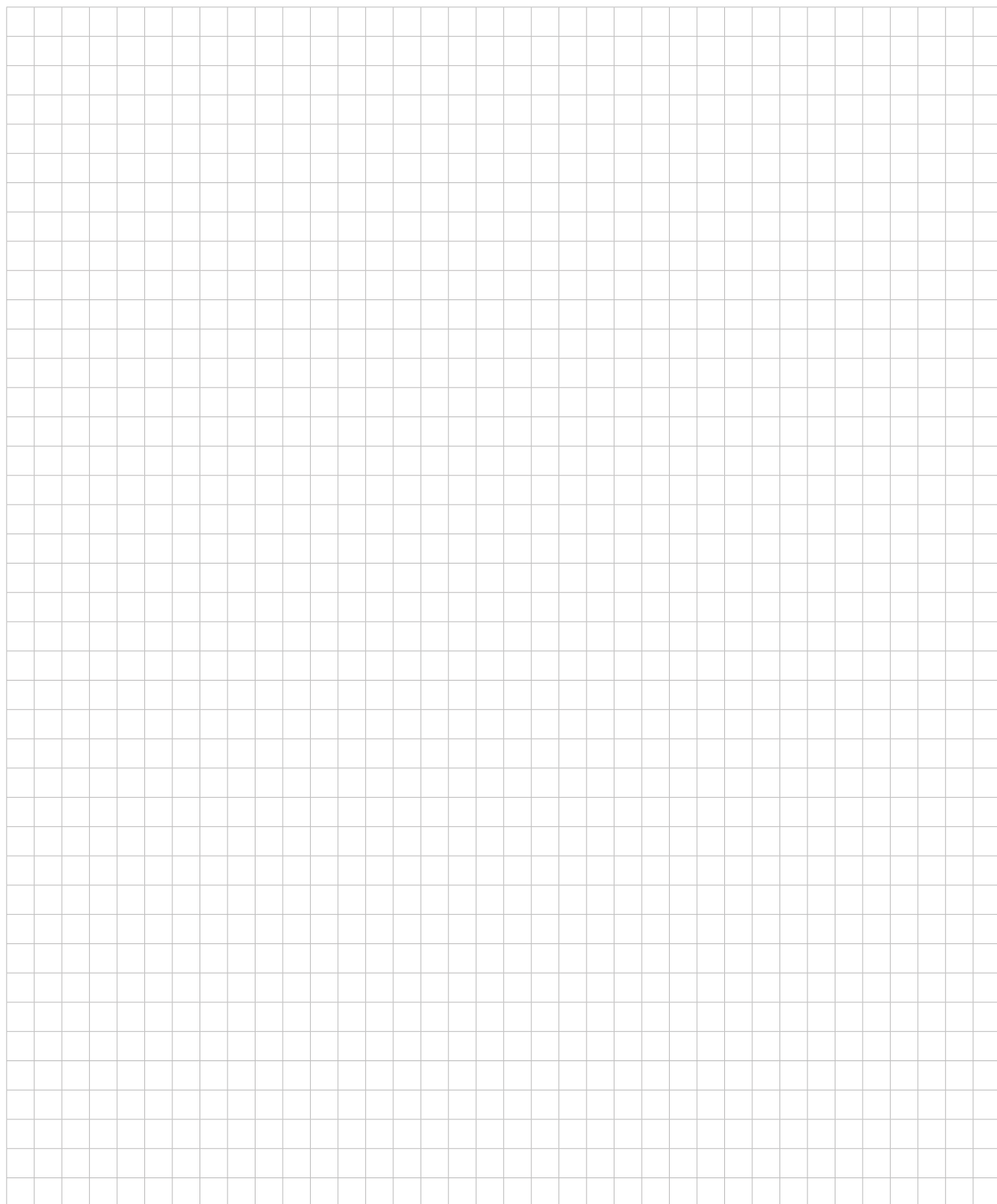
| Part-#              | Name                                         |                       |
|---------------------|----------------------------------------------|-----------------------|
| <b>8 239 48 009</b> | <b>Double boring bar holder Ø 32</b>         |                       |
|                     | Employment for:                              | Heavy duty cutting    |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Ø 32                  |
|                     | Coolant:                                     | IC/Ext                |
|                     | Center distance [mm]:                        | 100                   |
| <b>8 239 49 006</b> | <b>Double boring bar holder Ø 40</b>         |                       |
|                     | Weight [kg]:                                 | 8.660                 |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Ø 40                  |
|                     | Coolant:                                     | IC/Ext                |
|                     | Center distance [mm]:                        | 120                   |
| <b>8 239 49 007</b> | <b>Double boring bar holder Ø 40</b>         |                       |
|                     | Weight [kg]:                                 | 7.340                 |
|                     | Employment for:                              | Heavy duty cutting    |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Ø 40                  |
|                     | Coolant:                                     | IC/Ext                |
|                     | Center distance [mm]:                        | 100                   |
| <b>8 239 49 008</b> | <b>Double boring bar holder Ø 40</b>         |                       |
|                     | Employment for:                              | Heavy duty cutting    |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Ø 40                  |
|                     | Coolant:                                     | IC/Ext                |
|                     | Center distance [mm]:                        | 120                   |
| <b>8 251 45 003</b> | <b>Combi double turning holder sq. 25/20</b> |                       |
|                     | Weight [kg]:                                 | 5.420                 |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Sq. 25/20             |
|                     | Coolant:                                     | EXT                   |
| <b>8 259 45 003</b> | <b>Multiple turning holder 4x sq. 1"</b>     |                       |
|                     | Employment for:                              | Main- and sub spindle |
|                     | Version:                                     | Y-axes offset         |
|                     | Shank size [mm]:                             | 40.00                 |
|                     | Shank type:                                  | VDI                   |
|                     | Tool adaption:                               | Sq. 1" (25,4mm)       |
|                     |                                              | Sq. 1" (25,4mm)       |
|                     |                                              | Sq. 1" (25,4mm)       |
|                     |                                              | Sq. 1" (25,4mm)       |
|                     | Coolant:                                     | EXT                   |

| Part-#              | Name                                      |                       |
|---------------------|-------------------------------------------|-----------------------|
| <b>8 259 45 004</b> | <b>Multiple turning holder 4x sq. 25</b>  |                       |
|                     | Weight [kg]:                              | 6.460                 |
|                     | Employment for:                           | Main- and sub spindle |
|                     | Version:                                  | Y-axes offset         |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
|                     | Tool adaption:                            | Sq. 25                |
|                     |                                           | Sq. 25                |
|                     |                                           | Sq. 25                |
|                     |                                           | Sq. 25                |
|                     | Coolant:                                  | EXT                   |
| <b>8 259 45 008</b> | <b>Multiple turning holder 2x sq. 25</b>  |                       |
|                     | Weight [kg]:                              | 7.590                 |
|                     | Employment for:                           | Main spindle          |
|                     | Version:                                  | Y-axes offset, left   |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
|                     | Tool adaption:                            | Sq. 25                |
|                     |                                           | Sq. 25                |
|                     | Coolant:                                  | EXT                   |
| <b>8 262 49 000</b> | <b>Stock stop VDI 40 - Ø 42</b>           |                       |
|                     | Weight [kg]:                              | 1.360                 |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
| <b>8 262 49 001</b> | <b>Stock stop VDI 40 - Ø 60</b>           |                       |
|                     | Weight [kg]:                              | 1.620                 |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
| <b>8 262 49 002</b> | <b>Stock stop VDI 40 - Ø 54</b>           |                       |
|                     | Weight [kg]:                              | 1.530                 |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
| <b>8 262 49 003</b> | <b>Stock stop VDI 40 - Ø 60 OD turret</b> |                       |
|                     | Weight [kg]:                              | 6.300                 |
|                     | Notation:                                 | rotating              |
|                     | Version:                                  | left                  |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
|                     | Coolant:                                  | no                    |
|                     | Please note:                              | Length adjustable     |
|                     | Center distance [mm]:                     | 100                   |
| <b>8 262 49 004</b> | <b>Stock stop VDI 40 - Ø 60 OD turret</b> |                       |
|                     | Weight [kg]:                              | 6.220                 |
|                     | Notation:                                 | offset                |
|                     | Version:                                  | right                 |
|                     | Shank size [mm]:                          | 40.00                 |
|                     | Shank type:                               | VDI                   |
|                     | Rotation max [1/min]:                     | 8000                  |
|                     | Coolant:                                  | no                    |
|                     | Center distance [mm]:                     | 100                   |



| Part-#                                                                              | Name                                              |                                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------|
| <b>8 267 49 001</b>                                                                 | <b>Bar pick-up VDI 40 offset</b>                  |                                         |
|                                                                                     | Weight [kg]:                                      | 2.100                                   |
|                                                                                     | Version:                                          | right                                   |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Please note:                                      | Chuck jaws 62-85 mm special accessories |
| <b>8 274 43 000</b>                                                                 | <b>Square multiple holder D1-40x25</b>            |                                         |
|                                                                                     | Weight [kg]:                                      | 3.660                                   |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Tool adaption:                                    | Sq. 25/20                               |
|                                                                                     | Coolant:                                          | EXT                                     |
| <b>8 274 43 001</b>                                                                 | <b>Tool holder D2-40x25</b>                       |                                         |
|                                                                                     | Weight [kg]:                                      | 4.300                                   |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Tool adaption:                                    | Sq. 25/20                               |
|                                                                                     | Coolant:                                          | EXT                                     |
| <b>8 320 42 018</b>                                                                 | <b>Cut-off holder, height adjustable SH 26 IC</b> |                                         |
|                                                                                     | Version:                                          | universal                               |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Tool adaption:                                    | Clampshaft SH 26                        |
|                                                                                     | Coolant:                                          | IC/Ext                                  |
|                                                                                     | Pressure max [bar]:                               | 70                                      |
| <b>8 320 43 009</b>                                                                 | <b>Cut-off holder, height adjustable SH 32 IC</b> |                                         |
|  | Weight [kg]:                                      | 2.480                                   |
|                                                                                     | Version:                                          | universal                               |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Tool adaption:                                    | Clampshaft SH 32                        |
|                                                                                     | Coolant:                                          | IC/Ext                                  |
|                                                                                     | Pressure max [bar]:                               | 70                                      |
| <b>8 320 43 010</b>                                                                 | <b>Cut-off holder, height adjustable SH 32 IC</b> |                                         |
|                                                                                     | 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                                      |
| <b>8 320 43 014</b>                                                                 | <b>Cut-off holder, height adjustable SH 32 IC</b> |                                         |
|                                                                                     | Shank size [mm]:                                  | 40.00                                   |
|                                                                                     | Shank type:                                       | VDI                                     |
|                                                                                     | Tool adaption:                                    | Clampshaft SH 32                        |
|                                                                                     | Coolant:                                          | IC/Ext                                  |
|                                                                                     | Pressure max [bar]:                               | 70                                      |
|                                                                                     | Please note:                                      | Clampshaft internal                     |

| Part-#              | Name                                                                                                        |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>8 320 47 000</b> | <b>Internal cutting tool height adjust. 25</b>                                                              |
|                     | Shank size [mm]: 40.00                                                                                      |
|                     | Shank type: VDI                                                                                             |
|                     | Tool adaption: Ø 25                                                                                         |
|                     | Coolant: IC                                                                                                 |
| <b>8 320 49 005</b> | <b>Cut-off holder, height adjustable 845 IC</b>                                                             |
|                     | Weight [kg]: 2.700                                                                                          |
|                     | Version: universal                                                                                          |
|                     | Shank size [mm]: 40.00                                                                                      |
|                     | Shank type: VDI                                                                                             |
|                     | Tool adaption:  System 845 |
|                     | Coolant: IC                                                                                                 |
|                     | Pressure max [bar]: 70                                                                                      |



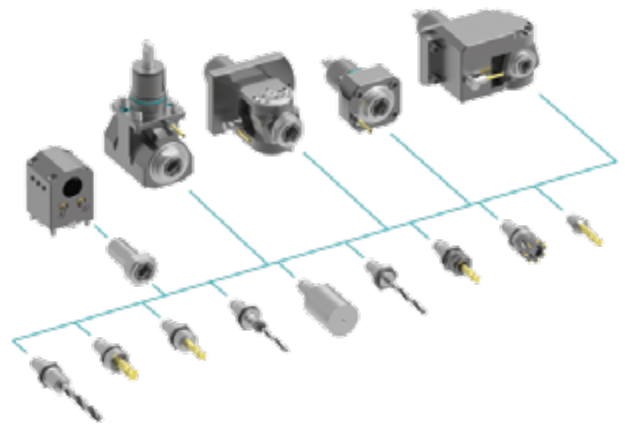
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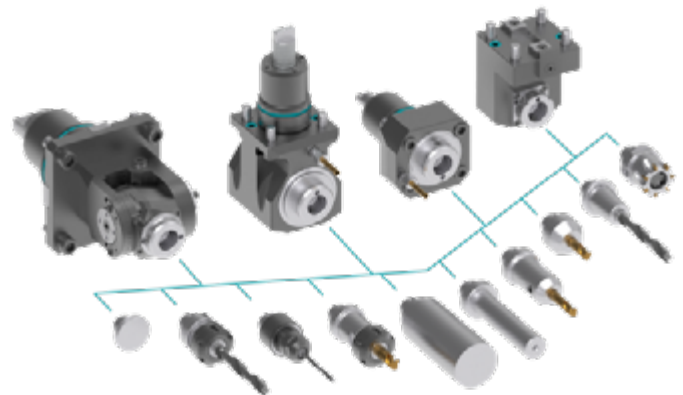
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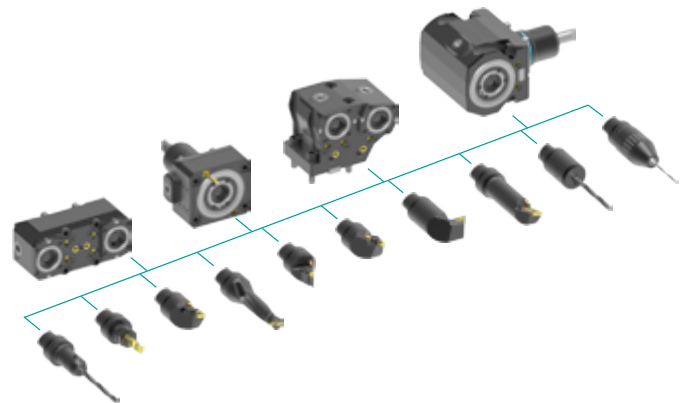
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