

Nakamura
AS-200LS - 12
Stationen



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




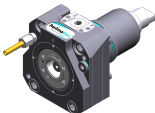
Tool systems for gear production

Digital tool management

This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

heimatec GmbH reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

The current version of our General Terms and Conditions can be found on our website.

| Part-# | Name | |
|---|--|---|
| 8 010 55 033 | Axial milling and drill holder ER 25 AX UT | |
|  | Weight [kg]: | 2.830 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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 |
| | Please note: | Combi bearing |
| 8 010 55 035 | Axial milling and drill holder ER 25 AX UT IC | |
|  | Weight [kg]: | 2.860 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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]: | 100 |
| | Please note: | Combi bearing; high pressure version; dryrun possible |
| 8 010 55 049 | Axial drilling and milling head Weldon 16 | |
|  | Weight [kg]: | 3.140 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 010 55 068 | Axial drilling and milling head C 3 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |

| Part-# | Name |
|--------|------|
|--------|------|

8 010 55 069

Axial drilling and milling head C 3 IC



Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 3
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100

8 010 55 078

Axial drilling and milling head Weldon 3/4" IC



Weight [kg]: 3.200
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Weldon (DIN 1835 b) 3/4" (19,05mm)
 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: Combi bearing

8 010 55 081

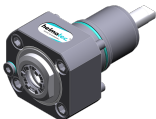
Axial drilling and milling head Weldon 3/4"



Weight [kg]: 3.200
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Weldon (DIN 1835 b) 3/4" (19,05mm)
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

8 010 55 092

Axial drilling and milling head ER 25 AX UT IC



Weight [kg]: 2.870
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 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 air
 Pressure max [bar]: 10
 Please note: Combi bearing

Part-#

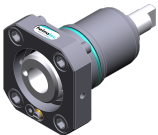
Name

8 010 55 109**Axial drilling and milling head ER 25 AX UT**

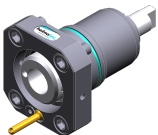
Weight [kg]: 2.600
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT

8 010 55 111**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 3.000
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 15000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Dryrun possible

8 010 56 031**Axial drilling and milling head HT 4 IC**

Weight [kg]: 1.760
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: HT 4
 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: short version

8 010 56 032**Axial drilling and milling head HT 4**

Weight [kg]: 1.740
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: short version

Part-#

Name

8 010 56 059**Axial drilling and milling head HT 4**

Weight [kg]: 2.880
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

8 010 56 063**Axial milling and drill holder ER 32 AX UT**


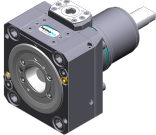

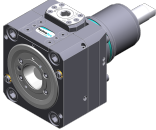
Weight [kg]: 3.000
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

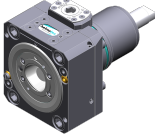

8 010 56 064**Axial milling and drill holder ER 32 AX UT IC**

Weight [kg]: 3.020
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

8 010 56 065**Axial milling and drill holder ER 32 AX UT IC**

Weight [kg]: 3.020
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 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]: 100
 Please note: Combi bearing; dryrun possible

| Part-# | Name | |
|---|--|--|
| 8 010 56 066 | Axial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 2.930 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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: | Combi bearing |
| 8 010 56 110 | Axial drilling and milling head C 4 | |
|  | Weight [kg]: | 4.750 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Check applicability; tool length check ! |
| 8 010 56 111 | Axial drilling and milling head C 4 IC | |
|  | Weight [kg]: | 5.800 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability; tool length check ! |
| 8 010 56 120 | Axial drilling and milling head C 4 IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |

| Part-# | Name | |
|---|---|--|
| | Pressure max [bar]: | 25 |
| | Please note: | Check applicability; tool length check ! |
| 8 010 56 138 | Axial drilling and milling head C 4 | |
|  | Weight [kg]: | 4.730 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Check applicability; tool length check ! |
| 8 010 56 140 | Axial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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]: | 100 |
| 8 010 56 144 | Axial drilling and milling head HT 4 IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 010 56 151 | Axial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 2.770 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |

Part-#

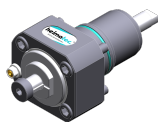
Name

8 010 56 153**Axial drilling and milling head ER 32 AX UT IC**

Weight [kg]: 3.180
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 15000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100

8 011 54 006**Axial milling head universal arbor 3/4"**

Weight [kg]: 2.910
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Universal arbor 3/4" (19,05mm)
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

8 011 54 015**Axial milling head arbor 5/8"**

Weight [kg]: 2.880
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 5/8" (15,875mm)
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

8 011 55 014**Axial milling head universal arbor 22 IC**

Weight [kg]: 3.080
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Universal arbor 22
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Combi bearing, Trockenauf possible

| Part-# | Name | |
|---|---|----------------------|
| 8 011 55 015 | Axial milling head universal arbor 22 | |
|  | Weight [kg]: | 3.000 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 8 013 53 000 | Axial drilling and milling head ER 11 | |
|  | Weight [kg]: | 2.300 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 |
| | Gear ratio [i]: | 1:4 |
| | Torque max [Nm]: | 2,5 |
| | Rotation max [1/min]: | 48000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 013 54 005 | Axial drilling and milling head ER 16 AX UT | |
|  | Weight [kg]: | 2.200 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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 |
| 8 013 54 007 | Axial drilling and milling head ER 16 AX UT IC | |
|  | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 80 |
| 8 019 51 002 | Axial drilling and milling head CHC | |
|  | Weight [kg]: | 6.880 |
| | Notation: | IC-300 |
| | Version: | no Splash-protection |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |

Part-#

Name

Tool adaption: CHC
Gear ratio [i]: 1:1,5
Rotation max [1/min]: 18000
Rotating direction: same
Coolant: no
Center distance [mm]: 77

8 019 54 014

Axial drilling and milling head ER 20 AX UT IC



Weight [kg]: 6.240
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 20 A - u-tec
Gear ratio [i]: 1:2
Torque max [Nm]: 25
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: stronger bearing
Offset [mm]: 42

8 019 54 055

Axial drilling and milling head ER 16 M IC



Weight [kg]: 6.200
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 16 M
Gear ratio [i]: 1:2
Torque max [Nm]: 25
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: stronger bearing
Offset [mm]: 42

8 019 55 018

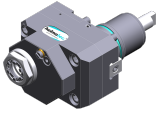
Axial drilling and milling head ER 25 AX UT



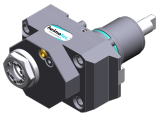
Weight [kg]: 5.230
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 40
Rotation max [1/min]: 6000
Rotating direction: opposite
Coolant: EXT
Please note: stronger bearing
Offset [mm]: 42

Part-#

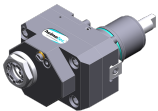
Name

8 019 55 023**Axial drilling and milling head ER 25 AX UT IC**

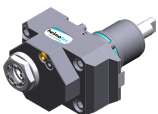
Weight [kg]: 6.260
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 40
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 024**Axial drilling and milling head ER 25 AX UT**

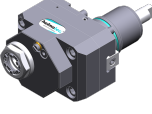


Weight [kg]: 5.230
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 25
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 025**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 6.330
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 25
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Offset [mm]: 42

8 019 55 026**Axial drilling and milling head ER 25 AX UT**

Weight [kg]: 5.300
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:3
 Torque max [Nm]: 16

| Part-# | Name | |
|---|---|---|
| | | Rotation max [1/min]: 18000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 42 |
| 8 019 55 027 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: 6.350 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:3 Torque max [Nm]: 16 Rotation max [1/min]: 18000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 42 | |
| 8 019 55 028 | Axial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: 5.240 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 2:1 Torque max [Nm]: 50 Rotation max [1/min]: 3000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 42 | |
| 8 019 55 029 | Axial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: 6.220 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: ER 25 A - u-tec Gear ratio [i]: 2:1 Torque max [Nm]: 50 Rotation max [1/min]: 3000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 42 | |

Part-#

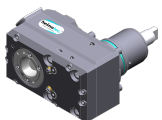
Name

8 019 56 038**Axial drilling and milling head C 4**

Weight [kg]: 6.930
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability; note tool length!
 Offset [mm]: 62

8 019 56 042**Axial drilling and milling head C 4 IC**

Weight [kg]: 7.720
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 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: Check applicability; note tool length!
 Offset [mm]: 62

8 019 56 057**Axial drilling and milling head C 4 IC**

Weight [kg]: 7.650
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Check applicability; note tool length!
 Offset [mm]: 62

8 030 53 005**Radial drilling and milling head ER 11**

Weight [kg]: 5.210
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 11
 Gear ratio [i]: 1:4
 Torque max [Nm]: 2,5

| Part-# | Name |
|--------|------|
|--------|------|

Rotation max [1/min]: 48000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability!
 Center distance [mm]: 65

8 030 54 001 Radial drilling and milling head ER 20



Weight [kg]: 4.750
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 55

8 030 54 049 Radial drilling and milling head ER 16 AX UT IC



Weight [kg]: 6.500
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing; high pressure version
 Center distance [mm]: 65

8 030 54 050 Radial drilling and milling head ER 16 AX UT IC



Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:4
 Torque max [Nm]: 5
 Rotation max [1/min]: 24000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 65

8 030 54 056 Radial drilling and milling head ER 20 AX UT IC



Weight [kg]: 5.320
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1

Part-#

Name

| | |
|-----------------------|---------------|
| Torque max [Nm]: | 25 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | Combi bearing |
| Center distance [mm]: | 55 |

8 030 54 064

**Radial drilling and milling head ER 20 AX UT IC**

| | |
|-----------------------|------------------|
| Weight [kg]: | 6.520 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 20 A - u-tec |
| Gear ratio [i]: | 1:2 |
| Torque max [Nm]: | 16 |
| Rotation max [1/min]: | 12000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | stronger bearing |
| Center distance [mm]: | 77 |

8 030 55 004

**Radial drilling and milling head ER 25 IC**

| | |
|-----------------------|------------------|
| Weight [kg]: | 5.200 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 |
| 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]: | 55 |

8 030 55 007

**Radial drilling and milling head ER 25**

| | |
|-----------------------|------------------|
| Weight [kg]: | 4.770 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 25 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | opposite |
| Coolant: | EXT |
| Center distance [mm]: | 55 |

Part-#

Name

8 030 55 063**Radial drilling and milling head ER 25 AX UT**

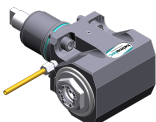
Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 2:1
 Torque max [Nm]: 63
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

8 030 55 087**Radial drilling and milling head Weldon 3/4"**

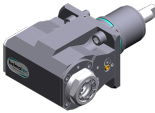

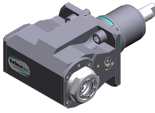
Weight [kg]: 6.690
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Weldon (DIN 1835 b) 3/4" (19,05mm)
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

8 030 55 091**Angle-mill- and drill holder ER 25 AX UT IC**


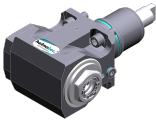
Weight [kg]: 6.680
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing; high pressure version
 Center distance [mm]: 65

8 030 55 092**Angle-mill- and drill holder ER 25 AX UT**

Weight [kg]: 6.320
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite

| Part-# | Name | |
|---|--|--|
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 55 122 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 6.380 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing; check applicability; |
| | Center distance [mm]: | 77 |
| 8 030 55 131 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 4.980 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 55 |
| 8 030 55 139 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 6.560 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 55 140 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 6.700 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |

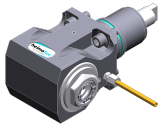
| Part-# | Name | |
|---------------------|--|---|
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 55 154 | Radial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 5.390 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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 |
| | Pressure max [bar]: | 140 |
| | Please note: | High pressure version, stronger bearing |
| | Center distance [mm]: | 55 |
| 8 030 55 158 | Radial drilling and milling head C 3 IC | |
| | Weight [kg]: | 8.280 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 55 159 | Radial drilling and milling head ER 25 AX UT | |
| | Weight [kg]: | 7.710 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 107 |

| Part-# | Name | |
|---|--|------------------------------------|
| 8 030 55 216 | Angle-mill- and drill holder ER 25 AX UT | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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 |
| | Please note: | Combi bearing; check applicability |
| | Center distance [mm]: | 95 |
| 8 030 55 217 | Angle-mill- and drill holder ER 25 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing; Einsetzbar check! |
| | Center distance [mm]: | 95 |
| 8 030 55 238 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 6.100 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 55 239 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 6.470 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |

| Part-# | Name |
|--------|------|
|--------|------|

Center distance [mm]: 65

8 030 55 240 Radial drilling and milling head ER 25 AX UT



Weight [kg]: 6.380
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 75

8 030 55 241 Angle drilling and milling head ER 25 AX UT IC




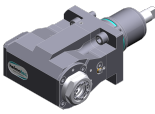
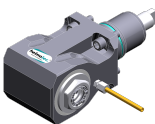
Weight [kg]: 6.960
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

8 030 55 244 Angle-mill- and drill holder ER 25 AS UT

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 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
 Please note: Combi bearing
 Center distance [mm]: 65

8 030 55 246 Radial drilling and milling head ER 25 AS UT

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 65

| Part-# | Name | |
|---|--|--|
| 8 030 55 247 | Radial drilling and milling head ER 25 AS UT IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 65 |
| 8 030 55 250 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 8.170 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 100 |
| 8 030 55 251 | Radial drilling and milling head ER 25 AX UT IC | |
|  | Weight [kg]: | 7.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 16000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing; check applicability; |
| | Center distance [mm]: | 100 |
| 8 030 55 262 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 7.500 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |

Nakamura
AS-200LS - 12 Stationen

| Part-# | Name |
|--------|------|
|--------|------|

Coolant: EXT
Please note: Check applicability!
Center distance [mm]: 95

8 030 55 263 Radial drilling and milling head ER 25 AX UT IC



Weight [kg]: 7.980
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 50
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: Check applicability!
Center distance [mm]: 95

8 030 56 013 Radial drilling and milling head HT 4

Weight [kg]: 4.620
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: HT 4
Gear ratio [i]: 1:1
Torque max [Nm]: 25
Rotation max [1/min]: 6000
Rotating direction: opposite
Coolant: EXT
Center distance [mm]: 55

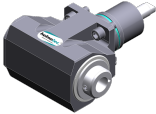
8 030 56 059 Radial drilling and milling head HT 4 IC



Notation: 180° reversible
Version: long
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: HT 4
Gear ratio [i]: 2:1
Torque max [Nm]: 63
Rotation max [1/min]: 3000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: Combi bearing
Center distance [mm]: 65


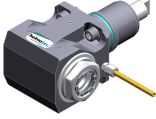
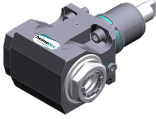
8 030 56 070 Radial drilling and milling head ER 32 AX UT



Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 32 A - u-tec
Gear ratio [i]: 2:1
Torque max [Nm]: 63

| Part-# | Name | |
|---|--|------------------|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 075 | Radial drilling and milling head HT 4 IC | |
|  | Weight [kg]: | 6.580 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 090 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 095 | Angle-mill- and drill holder ER 32 AX UT | |
|  | Weight [kg]: | 6.320 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |

| Part-# | Name | |
|---|--|--|
| 8 030 56 096 | Angle-mill- and drill holder ER 32 AX UT IC | |
|  | Weight [kg]: | 6.700 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | 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 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 56 176 | Radial drilling and milling head C 4 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 177 | Radial drilling and milling head C 4 IC | |
| | Weight [kg]: | 9.780 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 214 | Radial drilling and milling head C 4 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |

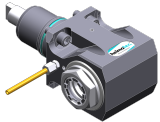
| Part-# | Name | |
|---|--|---|
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 215 | Radial drilling and milling head C 4 | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 65 |
| 8 030 56 216 | Radial drilling and milling head Weldon 20 IC | |
|  | Weight [kg]: | 7.040 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing; high pressure version |
| | Center distance [mm]: | 65 |
| 8 030 56 235 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 6.050 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 65 |
| 8 030 56 236 | Radial drilling and milling head ER 32 AX UT IC | |
|  | Weight [kg]: | 5.830 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |

Part-#

Name

Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 65

8 030 56 237

Radial drilling and milling head ER 32 AX UT

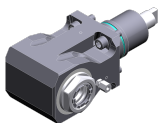
Weight [kg]: 6.500
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 75

8 030 56 238

Radial drilling and milling head ER 32 AX UT IC

Weight [kg]: 7.200
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

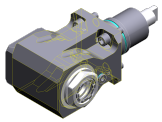
8 030 56 239

Radial drilling and milling head ER 32 AX UT

Weight [kg]: 7.500
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability!
 Center distance [mm]: 95

Part-#

Name

8 030 56 240**Radial drilling and milling head ER 32 AX UT IC**

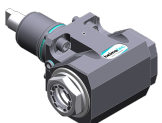
Weight [kg]: 7.960
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Check applicability!
 Center distance [mm]: 95

8 030 56 249**Radial drilling and milling head HT 4 IC**

Weight [kg]: 6.580
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 65

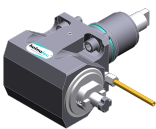
8 030 56 271**Radial drilling and milling head ER 32 AX UT**

Weight [kg]: 6.380
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Pressure max [bar]: 140
 Please note: stronger bearing
 Center distance [mm]: 65

8 030 56 275**Radial drilling and milling head ER 32 AX UT IC**

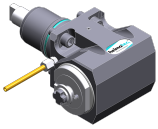
Weight [kg]: 6.700
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000

| Part-# | Name | |
|---------------------|--|------------------------|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 030 57 044 | Radial drilling and milling head Weldon 25 IC | |
| | Weight [kg]: | 7.150 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 25 |
| | 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: | Combi bearing |
| | Center distance [mm]: | 65 |
| 8 030 57 120 | Radial drilling and milling head ER 40 AX UT | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 031 54 014 | Radial milling head universal arbor 16 | |
| | Weight [kg]: | 6.500 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 65 |

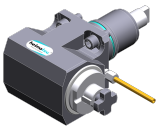


Part-#

Name

8 031 54 015**Radial polygon head arbor 16**

Weight [kg]: 6.650
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Polygon arbor 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

8 031 56 010**Radial polygon head arbor 27**

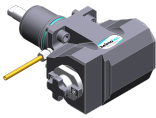
Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Polygon arbor 27
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

8 031 56 012**Radial milling head universal arbor 27**

Weight [kg]: 6.560
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Universal arbor 27
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 65

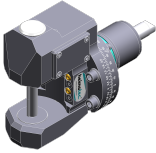
8 031 56 022**Radial milling head universal arbor 27**

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 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]: 65

| Part-# | Name | | |
|---|--|-------------------------------------|------------------|
|  | 8 031 56 026 | Radial milling head arbor 27 | |
| | | Notation: | 180° reversible |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | 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]: | 65 |
| 8 037 52 000 | Woodruff keycutter for disk mill arbor 10 | | |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | Arbor 10 |
| | | Gear ratio [i]: | 1,333:1 |
| | | Torque max [Nm]: | 32 |
| | | Rotation max [1/min]: | 2250 |
| 8 037 52 002 | Radial disk mill head arbor 10 | | |
| | | Weight [kg]: | 6.900 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | Arbor 10 |
| | | Gear ratio [i]: | 2:1 |
| | | Torque max [Nm]: | 32 |
| | | Rotation max [1/min]: | 3000 |
| | | Rotating direction: | opposite |
| | | Coolant: | no |
| | | Center distance [mm]: | 76 |
| 8 037 53 001 | Radial disk mill head arbor 13 | | |
| | | Weight [kg]: | 6.960 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | Arbor 13 |
| | | Gear ratio [i]: | 2:1 |
| | | Torque max [Nm]: | 32 |
| | | Rotation max [1/min]: | 3000 |
| | | Rotating direction: | opposite |
| | Coolant: | no | |
| | Center distance [mm]: | 76 | |

Part-#

Name

8 037 53 007**Radial disk mill head arbor 1/2"**

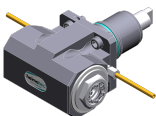
Weight [kg]: 6.750
 Version: 360° turnable
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 1/2" (12,7mm)
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 4000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 90

8 039 54 029**Radial milling head arbor 16**

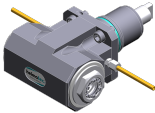
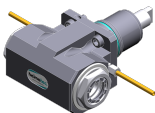
Weight [kg]: 9.600
 Notation: offset; 180° reversible
 Version: Special; ±45° turnable
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: stronger bearing
 Center distance [mm]: 91

8 039 55 003**Radial drilling and milling head ER 25**

Weight [kg]: 5.330
 Version: double spindle
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 6000
 Rotating direction: same/opposite
 Coolant: EXT
 Center distance [mm]: 55

8 039 55 042**Radial drilling and milling head ER 25 AX UT**

Weight [kg]: 6.480
 Notation: 180° reversible
 Employment for: Main- and sub spindle
 Version: double spindle
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: same/opposite

| Part-# | Name | |
|---|---|-----------------------|
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 039 55 047 | Radial drilling and milling head ER 25 AX UT | |
|  | Weight [kg]: | 6.800 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 75 |
| 8 039 56 009 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.600 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |
| 8 039 56 016 | Radial drilling and milling head ER 32 AX UT | |
|  | Weight [kg]: | 6.300 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 65 |


| Part-# | Name | |
|---------------------|--|---------------------------------------|
| 8 039 56 032 | Radial drilling and milling head C 4 | |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length |
| | Center distance [mm]: | 65 |
| 8 039 56 038 | Radial drilling and milling head ER 32 AX UT IC | |
| | Notation: | offset; 180° reversible |
| | Version: | ± 45° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 91 |
| 8 039 56 040 | Radial drilling and milling head ER 32 AX UT | |
| | Weight [kg]: | 9.360 |
| | Notation: | offset; 180° reversible |
| | Version: | ± 45° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 91 |
| 8 039 56 041 | Radial drilling and milling head hydro 20 | |
| | Weight [kg]: | 9.680 |
| | Notation: | offset; 180° reversible |
| | Version: | ± 45° turnable |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Hydro clamp Ø 20 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |

Nakamura

AS-200LS - 12 Stationen

| Part-# | Name | |
|---------------------|---|------------------|
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 91 |
| 8 040 53 000 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 3.150 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 57 |
| 8 040 53 001 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 2.900 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 57 |
| 8 040 53 002 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 2.880 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 040 53 003 | Universal head ± 90° adjustable ER 11 AX | |
| | Weight [kg]: | 3.160 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 57 |

Nakamura
AS-200LS - 12 Stationen

| Part-# | Name | | |
|---|-----------------------|--|------------------|
|  | 8 040 54 002 | Universal head ± 90° adjustable ER 16 | |
| | | Weight [kg]: | 3.180 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 |
| | | Gear ratio [i]: | 1:1 |
| | | Torque max [Nm]: | 10 |
| | | Rotation max [1/min]: | 6000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | Center distance [mm]: | 57 | |
| | 8 040 54 006 | Universal head ± 90° adjustable ER 16 | |
| | | Weight [kg]: | 3.180 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 |
| | | Gear ratio [i]: | 1:1 |
| | | Torque max [Nm]: | 10 |
| | | Rotation max [1/min]: | 6000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | Center distance [mm]: | 57 | |
| | 8 040 54 007 | Universal head ± 90° adjustable ER 16 | |
| | | Weight [kg]: | 3.180 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 |
| | | Gear ratio [i]: | 1:1 |
| | | Torque max [Nm]: | 10 |
| | | Rotation max [1/min]: | 6000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | Center distance [mm]: | 57 | |
| | 8 040 54 008 | Universal head ± 90° adjustable ER 16 | |
| | | Weight [kg]: | 3.180 |
| | | Tool drive: | Flat (~DIN 1809) |
| | | Shank size [mm]: | 55.00 |
| | | Shank type: | BMT |
| | | Tool adaption: | ER 16 |
| | | Gear ratio [i]: | 1:1 |
| | | Torque max [Nm]: | 10 |
| | | Rotation max [1/min]: | 6000 |
| | | Rotating direction: | same |
| | | Coolant: | EXT |
| | Center distance [mm]: | 57 | |

| Part-# | Name |
|--------|------|
|--------|------|

8 040 54 009 Universal head ± 90° adjustable ER 16

| | |
|-----------------------|------------------|
| Version: | Special |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 10 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | same |
| Coolant: | EXT |
| Center distance [mm]: | 57 |

8 040 54 012 Universal head ± 90° adjustable HT 2

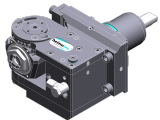
| | |
|-----------------------|----------------------------|
| Version: | 75° position can be pinned |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | HT 2 |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 10 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | same |
| Coolant: | EXT |
| Center distance [mm]: | 57 |

8 040 54 033 Universal head ± 90° adjustable ER 16 AS UT IC




| | |
|-----------------------|--|
| Weight [kg]: | 3.320 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 16 |
| Rotation max [1/min]: | 12000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | Check applicability; note center distance! |
| Center distance [mm]: | 46 |

8 043 54 000 Universal head +135°/-30° adj. ER16 AX UT



| | |
|-----------------------|-------------------------|
| Weight [kg]: | 9.850 |
| Notation: | offset; 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 16 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 25 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | same |
| Coolant: | EXT |
| Center distance [mm]: | 69 |
| Offset [mm]: | 60 |


| Part-# | Name | |
|---------------------|---|-------------------------|
| 8 043 54 001 | Universal head +135°/-30° adj. ER16AX UTIK | |
| | Weight [kg]: | 9.920 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 002 | Universal head +135°/-30° adj. ER16 AX UT | |
| | Weight [kg]: | 9.930 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 003 | Universal head +135°/-30° adj. ER16AX UTIK | |
| | Weight [kg]: | 9.900 |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 180° reversible |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 004 | Universal head +135°/-30° adj. ER20 AX UT | |
| | Weight [kg]: | 10.010 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |

| Part-# | Name | |
|---|---|---|
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| 8 043 54 019 | Universal head +160°/-20° adj. ER16 AX UT | |
| | Weight [kg]: | 6.100 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 35 |
| | Offset [mm]: | 65 |
| 8 043 54 034 | Universal head ± 10° adjustable ER 16 AX UT IC | |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability! note swivel range; |
| | Center distance [mm]: | 62 |
| | Offset [mm]: | 48,5 |
| 8 043 55 001 | Universal head +135°/-30° adj. ER25 AX UT | |
|  | Weight [kg]: | 10.060 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |


Part-#

Name

| | | |
|---------------------|--|-------------------------------|
| 8 043 55 021 | Universal head +150°/-15° adj. ER25 AX UT | |
| | Weight [kg]: | 6.410 |
| | Notation: | offset; 180° reversible |
| | Version: | at 55° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | 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: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 35 |
| | Offset [mm]: | 65 |

| | | |
|--|---|-------------------------|
| 8 043 55 022 | Universal head +135°/-30° adj. ER25AX UTIK | |
|  | Weight [kg]: | 10.080 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |

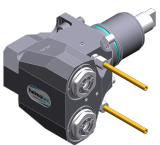
| | | |
|---------------------|---|------------------|
| 8 050 54 005 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.100 |
| | Notation: | offset |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Offset [mm]: | 56 |

| | | |
|---|---|------------------|
| 8 050 54 008 | Multispindle drilling head ER 16 AX UT | |
|  | Weight [kg]: | 5.700 |
| | Notation: | offset |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |

Nakamura
AS-200LS - 12 Stationen

| Part-# | Name | |
|---------------------|--|--|
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| 8 050 54 014 | Multispindle drilling head ER 20 AX UT IC | |
| | Weight [kg]: | 5.920 |
| | Notation: | offset |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Offset [mm]: | 58 |
| 8 050 54 021 | Multispindle drilling head ER 16 AX UT IC | |
| | Weight [kg]: | 6.110 |
| | Notation: | offset; 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Offset [mm]: | 56 |
| 8 050 54 036 | Multispindle drilling head ER 16 AX UT IC | |
| | Weight [kg]: | 6.040 |
| | Notation: | offset; 180° reversible |
| | Version: | 3-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | 2x ER 16 A offset, 1x centered, IC only in 2 x |
| | Offset [mm]: | 56 |

| Part-# | Name | |
|---------------------|---|--|
| 8 050 54 037 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.900 |
| | Notation: | offset; 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Please note: | stronger bearing |
| | Offset [mm]: | +38,1/-38,1 |
| 8 050 54 038 | Multispindle drilling head ER 16 AX UT | |
| | Weight [kg]: | 6.870 |
| | Notation: | offset; 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | +38,1/-38,1 |
| 8 050 56 006 | Multispindle drilling head C 4 IC | |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; tool length check ! |
| | Offset [mm]: | 62 |
| 8 053 54 045 | Multispindle radial head ER 16 AX UT | |
| | Weight [kg]: | 6.850 |
| | Notation: | 180° reversible |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 16 A - u-tec |
| | Gear ratio [i]: | 1:1 |

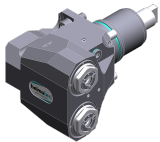


Part-#

Name

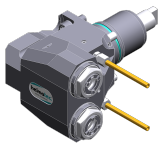
Torque max [Nm]: 32/Sp
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 75

8 053 54 046

Multispindle radial head ER 16 AX UTIK

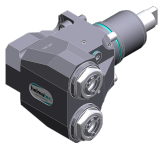
Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 16 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32/Sp
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

8 053 54 047



Multispindle radial head ER 20 AX UT

Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32/Sp
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 75


8 053 54 048

Multispindle radial head ER 20 AX UTIK



Notation: 180° reversible
 Version: 2-spindles
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 20 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 32/Sp
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 75

| Part-# | Name | |
|---|---|---|
| 8 068 54 000 | Radial whirling unit HW 46 | |
|  | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HW 46 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 8000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | without cutting inserts carrier; check applicability; |
| | Center distance [mm]: | 65 |
| 8 100 15 001 | Tool holder radial ø17,1 / minus | |
| | Employment for: | Angle handpiece or extension CN01 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interface ø17,1 / M17x1 |
| | Gear ratio [i]: | 1:2 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Center distance [mm]: | 77 |
| 8 102 15 000 | Tool holder Ø 17 | |
| | Weight [kg]: | 1.930 |
| | Employment for: | Angle handpiece |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interface 17 |
| | Gear ratio [i]: | 1:1 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | no |
| 8 200 03 002 | Cover plate | |
|  | Weight [kg]: | 0.300 |
| | Shank type: | BMT |
| 8 200 10 002 | Tool blank | |
| | Weight [kg]: | 4.190 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Please note: | Housing rigid |

Nakamura
AS-200LS - 12 Stationen



| Part-# | Name | |
|---|---|--------------------------------------|
| 8 202 10 006 | Basic holder longitudinal seat FN 12 | Weight [kg]: 0.960 |
| | | Notation: 180° reversible |
|  | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Interface FN 12 |
| | | Coolant: EXT |
| | | |
| 8 209 10 000 | Tool blank | Weight [kg]: 4.580 |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Coolant: EXT |
| 8 209 14 002 | Adapter for VDI 40 | Weight [kg]: 2.720 |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: DIN 69880 - 40 |
| | | Coolant: EXT |
| | | Center distance [mm]: 35 |
| 8 209 14 003 | Adapter for VDI 40 offset | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: DIN 69880 - 40 |
| | | Coolant: EXT |
| | | Center distance [mm]: 65 |
| 8 224 11 002 | Turning holder sq. 20 | Weight [kg]: 2.420 |
| | | Employment for: right cutting tools |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| | | Coolant: EXT |
| 8 224 11 003 | Cut-off holder sq. 20 | Weight [kg]: 1.040 |
| | | Employment for: right cutting tools |
| | | Version: Edge on side of turret |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| | | Coolant: EXT |
| 8 224 11 005 | Cut-off holder sq. 20 | Weight [kg]: 1.100 |
| | | Employment for: left cutting tools |
| | | Version: Edge on center of turret |
| | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 |
| | | Tool adaption: Sq. 20 |
| | | Coolant: EXT |

| Part-# | Name | |
|---|---------------------------------------|-----------------------------|
| 8 224 11 016 | Cut-off holder sq. 3/4" R 1441 | |
| | Weight [kg]: | 1.110 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 224 11 022 | Cut-off holder sq. 20 | |
|  | Weight [kg]: | 1.350 |
| | Employment for: | right cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 224 12 005 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 1.480 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 224 12 006 | Cut-off holder sq. 25 | |
| | Weight [kg]: | 1.480 |
| | Employment for: | left cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| 8 224 13 004 | Cut-off holder SH 32 | |
| | Weight [kg]: | 1.000 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| 8 224 13 007 | Cut-off holder SH 32 | |
|  | Weight [kg]: | 1.190 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|---|------------------------------|
| 8 224 13 013 | Cut-off holder SH 32 | |
| | Weight [kg]: | 1.480 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |
| | Please note: | Special |
| 8 224 13 021 | Cut-off holder SH 32 IC | |
| | Weight [kg]: | 1.030 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret center |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| 8 224 14 000 | Universal turning holder sq. 20 | |
| | Weight [kg]: | 1.730 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| | Please note: | with spacer strip |
| 8 224 14 016 | Universal turning holder sq. 20 IC | |
|  | Weight [kg]: | 2.950 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 224 15 002 | Universal turning holder sq. 25/20 | |
|  | Weight [kg]: | 2.800 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| | Please note: | With spacer strip for sq. 20 |
| 8 224 15 012 | Universal turning holder sq. 1" | |
| | Weight [kg]: | 2.720 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | EXT |




Nakamura

AS-200LS - 12 Stationen

| Part-# | Name | |
|--|---|--|
| 8 224 15 046 | Universal turning holder sq. 25/20 | |
| | Weight [kg]: | 5.520 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| | Please note: | Check applicability! with spacer strip for |
| 8 224 15 062 | Universal turning holder sq. 25 IC | |
|  | Weight [kg]: | 3.100 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 224 15 063 | Universal turning holder sq. 1" IC | |
|  | Weight [kg]: | 3.100 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 225 11 002 | Cut-off holder sq. 20 R 1432 | |
| | Weight [kg]: | 1.120 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 225 11 005 | Cut-off holder sq. 20 | |
| | Weight [kg]: | 1.170 |
| | Employment for: | right cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 225 11 009 | Cut-off holder sq. 3/4" R 1442 | |
| | Weight [kg]: | 1.110 |
| | Employment for: | left cutting tools |
| | Version: | Edge on side of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |

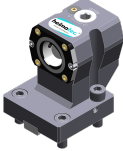
Nakamura
AS-200LS - 12 Stationen

| Part-# | Name | |
|---------------------|--------------------------------|--|
| 8 225 11 012 | Cut-off holder sq. 3/4" | |
| | Weight [kg]: | 1.200 |
| | Employment for: | right cutting tools |
| | Version: | Edge on center of turret |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) |
| | Coolant: | EXT |
| 8 229 16 001 | Tool holder C 4 IC | |
| | Weight [kg]: | 2.400 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 12 |
| 8 229 16 003 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.330 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 55 |
| 8 229 16 008 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.430 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 55 |
| 8 229 16 009 | Tool holder C 4 IC | |
| | Weight [kg]: | 2.410 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 12 |


| Part-# | Name | |
|---|--|--|
| 8 229 16 011 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.440 |
| | Notation: | 180° reversible |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 55 |
| 8 229 17 003 | Tool holder C 5 IC | |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 5 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 64 |
| 8 240 14 017 | Boring bar holder Ø 12 - slotted | |
|  | Weight [kg]: | 2.900 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 12 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 14 022 | Boring bar holder Ø 10 - slotted | |
|  | Weight [kg]: | 2.900 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 10 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 15 003 | Boring bar holder Ø 16 DIN 1835 E | |
|  | Weight [kg]: | 3.020 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 16 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---------------------|---|-------------------------------|
| 8 240 15 004 | Tool holder C 3 IC | |
| | Weight [kg]: | 3.580 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 15 006 | Collet chuck holder ER 25 | |
| | Weight [kg]: | 3.520 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 |
| | Coolant: | IC/Ext |
| | Please note: | Insert reversible |
| | Center distance [mm]: | 75 |
| 8 240 15 007 | Insert drill holder 16 IC | |
| | Weight [kg]: | 4.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 16 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 15 019 | Collet chuck holder ER 25 AX UT IC | |
| | Weight [kg]: | 3.380 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 A - u-tec |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 15 039 | Boring bar holder Ø 16 - slotted | |
| | Weight [kg]: | 3.000 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 16 |
| | Coolant: | EXT |
| | Center distance [mm]: | 75 |
| 8 240 16 001 | Boring bar holder Ø 20 DIN 1835 E | |
| | Weight [kg]: | 2.960 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 20 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---------------------|----------------------------------|-------------------------------|
| 8 240 16 004 | Tool holder HT 4 IC | |
| | Weight [kg]: | 2.890 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 005 | Boring bar holder Ø 24 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 24 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 16 006 | Tool holder HT 4 IC | |
| | Weight [kg]: | 3.340 |
| | Notation: | offset |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 008 | Collet chuck holder ER 32 | |
| | Weight [kg]: | 3.200 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Please note: | Insert reversible |
| | Center distance [mm]: | 75 |
| 8 240 16 009 | Insert drill holder 20 IC | |
| | Weight [kg]: | 4.480 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 20 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 16 020 | Tool holder HT 4 IC | |
| | Weight [kg]: | 5.900 |
| | Notation: | offset; 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |



| Part-# | Name | |
|---|----------------------------------|--|
| 8 240 16 030 | Boring bar holder Ø 20 | |
| | Weight [kg]: | 3.940 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 16 034 | Collet chuck holder ER 32 | |
| | Weight [kg]: | 3.060 |
| | Notation: | 180° reversible; offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 16 040 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.130 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 045 | Tool holder C 4 IC | |
|  | Weight [kg]: | 2.960 |
| | Notation: | 180° reversible |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 046 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.480 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |




| Part-# | Name | |
|---|---|--|
| 8 240 16 051 | Tool holder C 4 IC | |
| | Weight [kg]: | 3.430 |
| | Notation: | 180° reversible |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 16 054 | Tool holder C 4 IC | |
|  | Weight [kg]: | 2.840 |
| | Notation: | 180° reversible |
| | Version: | left; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 40 |
| 8 240 16 072 | Tool holder C 4 IC | |
|  | Weight [kg]: | 4.000 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 95 |
| 8 240 16 077 | Boring bar holder Ø 20 - slotted | |
|  | Weight [kg]: | 3.120 |
| | Notation: | 180° reversible |
| | Version: | slotted |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 100 |
| | Center distance [mm]: | 75 |
| 8 240 17 005 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 3.820 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---|--|-------------------------------|
| 8 240 17 007 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 2.320 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 008 | Boring bar holder Ø 25 DIN 1835 E | |
| | Weight [kg]: | 3.210 |
| | Notation: | offset; 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 011 | Boring bar holder Ø 25,4 (1") | |
|  | Weight [kg]: | 3.800 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 016 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 021 | Collet chuck holder ER 40 | |
| | Weight [kg]: | 3.710 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 40 |
| | Coolant: | IC/Ext |
| | Please note: | Insert reversible |
| | Center distance [mm]: | 75 |



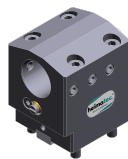
Nakamura
AS-200LS - 12 Stationen

| Part-# | Name | |
|---------------------|--------------------------------------|-------------------------------|
| 8 240 17 023 | Insert drill holder 25 IC | |
| | Weight [kg]: | 4.380 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 25 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 17 031 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | EXT |
| | Center distance [mm]: | 112 |
| 8 240 17 032 | Boring bar holder Ø 30 | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 30 |
| | Coolant: | EXT |
| | Center distance [mm]: | 105 |
| 8 240 17 049 | Boring bar holder Ø 1" offset | |
| | Weight [kg]: | 2.450 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 052 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 4.430 |
| | Employment for: | Main spindle |
| | Version: | long; special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 17 061 | Boring bar holder Ø 1" | |
| | Weight [kg]: | 2.300 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55 |





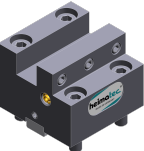
| Part-# | Name | |
|---|---|--|
| 8 240 17 065 | Boring bar holder Ø 25 - slotted | |
| | Weight [kg]: | 3.670 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | EXT |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 078 | Boring bar holder Ø 1 1/4" - slotted | |
| | Weight [kg]: | 3.440 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | EXT |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 17 096 | Tool holder C 5 IC | |
| | Weight [kg]: | 5.030 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 5 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 240 17 106 | Boring bar holder Ø 25 | |
|  | Weight [kg]: | 4.800 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |
| 8 240 17 114 | Boring bar holder Ø 1" | |
|  | Weight [kg]: | 4.760 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |

| Part-# | Name | |
|--|--------------------------------------|------------------------------------|
| 8 240 17 115 | Boring bar holder Ø 1 1/4" | |
|  | Weight [kg]: | 4.620 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |
| 8 240 17 116 | Boring bar holder Ø 1 1/4" | |
|  | Weight [kg]: | 2.440 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 010 | Boring bar holder Ø 32 | |
|  | Weight [kg]: | 3.640 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 011 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 2.680 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55 |
| 8 240 18 012 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 2.420 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |


| Part-# | Name | |
|---------------------|--------------------------------------|--|
| 8 240 18 016 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 4.370 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 90 |
| 8 240 18 021 | Insert drill holder 32 IC | |
| | Weight [kg]: | 4.200 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 32 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 18 033 | Boring bar holder Ø 1 1/4" | |
| | Weight [kg]: | 3.630 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |
| 8 240 18 037 | Boring bar holder Ø 1 1/2" | |
| | Weight [kg]: | 4.540 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/2" (38,1mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 18 045 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 4.380 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge ø32- adapter on turret center |
| | Center distance [mm]: | 75 |
| 8 240 18 085 | Boring bar holder Ø 32 | |
| | Weight [kg]: | 4.605 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! housing rigid |
| | Center distance [mm]: | 95 |

| Part-# | Name | |
|---|--------------------------------------|--|
| 8 240 18 088 | Boring bar holder Ø 32 offset | |
| | Weight [kg]: | 4.200 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge ø32- adapter 20mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 240 18 098 | Boring bar holder Ø 1 1/4" | |
|  | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 100 |
| 8 240 18 102 | Boring bar holder Ø 32 offset | |
|  | Weight [kg]: | 6.780 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC |
| | Pressure max [bar]: | 100 |
| | Please note: | Check applicability! length |
| | Center distance [mm]: | 80 |
| 8 240 19 007 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 4.260 |
| | Notation: | offset; 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 19 009 | Boring bar holder Ø 40 | |
|  | Weight [kg]: | 4.480 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 240 19 012 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 3.460 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Special version |

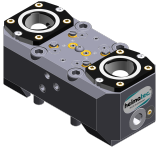
Nakamura
AS-200LS - 12 Stationen

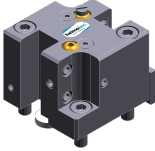
| Part-# | Name | |
|---|--------------------------------------|--|
| | Center distance [mm]: | 75 |
| 8 240 19 025 | Insert drill holder 40 IC | |
|  | Weight [kg]: | 4.740 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Tool adaption: | Whistle-Notch (DIN 1835 E) 40 |
| | Coolant: | IC |
| | Center distance [mm]: | 75 |
| 8 240 19 105 | Boring bar holder Ø 40 | |
|  | Weight [kg]: | 2.400 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 35 |
| 8 240 19 139 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 4.760 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 100 |
| 8 240 19 142 | Boring bar holder Ø 40 offset | |
|  | Weight [kg]: | 5.000 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge Ø40- adapter 60mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 240 19 143 | Boring bar holder Ø 40 offset | |
|  | Weight [kg]: | 4.000 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Front edge Ø40- adapter 20mm from turret center offset |
| | Center distance [mm]: | 75 |
| 8 244 11 002 | Facing holder sq. 20 | |
|  | Weight [kg]: | 2.340 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |

Nakamura
AS-200LS - 12 Stationen

| Part-# | Name | |
|--|---|--|
| 8 244 11 009 | Facing holder sq. 20 | |
| | Weight [kg]: | 4.090 |
| | Notation: | 180° reversible |
| | Version: | Special; extended version |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |
| 8 244 12 005 | Facing holder sq. 1" | |
| | Weight [kg]: | 3.570 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| 8 244 12 027 | Facing holder sq. 25 IC | |
|  | Weight [kg]: | 3.640 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 249 15 001 | Double collet chuck holder ER 25 | |
| | Weight [kg]: | 4.240 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 249 15 013 | Double tool holder C 3 IC | |
| | Weight [kg]: | 4.210 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | | heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 82,5 |
| 8 249 16 000 | Double collet chuck holder ER 32 | |
| | Weight [kg]: | 4.000 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |

| Part-# | Name | |
|---|--------------------------------------|--|
| 8 249 16 009 | Double tool holder HT 4 | |
| | Weight [kg]: | 3.660 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | HT 4 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 8 249 16 013 | Double tool holder C 4 IC | |
|  | Weight [kg]: | 5.290 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 249 16 015 | Double tool holder C 4 IC | |
|  | Weight [kg]: | 5.370 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 249 16 027 | Double tool holder C 4 IC | |
|  | Weight [kg]: | 6.280 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 95 |
| 8 249 17 003 | Double boring bar holder Ø 25 | |
| | Weight [kg]: | 3.770 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 75 |


| Part-# | Name | |
|---|-------------------------------------|--|
| 8 250 15 004 | Multiple tool holder C 3 IC | |
| | Weight [kg]: | 4.110 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 250 16 003 | Multiple tool holder C 4 IC | |
|  | Weight [kg]: | 4.490 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 250 16 005 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 4.620 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 250 16 007 | Double tool holder C 4 IC | |
| | Weight [kg]: | 4.630 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | ±55 |
| 8 251 11 000 | Double turning holder sq. 20 | |
| | Weight [kg]: | 2.250 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|---------------------|--|
|  | 8 251 11 003 | Double turning holder sq. 20 |
| | Weight [kg]: | 2.420 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 |
| Coolant: | EXT | |
| | 8 251 11 007 | Double turning holder sq. 3/4" |
| | Weight [kg]: | 2.390 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) |
| Coolant: | EXT | |
| | 8 251 12 006 | Double turning holder sq. 25 |
| | Weight [kg]: | 4.910 |
| | Notation: | 180° reversible |
| | Employment for: | right cutting tools |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| Coolant: | EXT | |
| | 8 251 13 007 | Combi multiple holder 6x sq. 3/4" IC |
| | Weight [kg]: | 5.600 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| Pressure max [bar]: | 100 | |
| Please note: | Key rail | |
| | 8 251 13 008 | Combi multiple holder 3x sq. 3/4" IC |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |

| Part-# | Name | |
|---------------------|--|-----------------------|
| 8 251 14 004 | Combi multiple holder 6x sq. 20 | |
| | Weight [kg]: | 5.600 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| 8 251 14 027 | Combi multiple holder 6x sq. 3/4" | |
| | Weight [kg]: | 5.900 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" |
| | | Sq. 3/4" |
| | | Sq. 3/4" |
| | | Sq. 3/4" |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| 8 251 14 078 | Combi multiple holder 6x sq. 20 IC | |
| | Weight [kg]: | 5.620 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 251 14 079 | Combi multiple holder 3x sq. 20 IC | |
| | Weight [kg]: | 3.650 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| 8 251 15 048 | Combi double turning holder sq. 25 IC | |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |

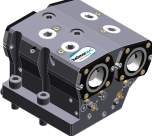

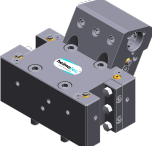





Nakamura
AS-200LS - 12 Stationen


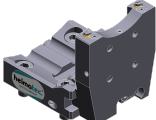

| Part-# | Name | | | |
|---|------------------------------------|---|------------------------------------|--------------------|
| 8 251 16 013 | Multiple tool holder C 4 IC | Weight [kg]: 6.400 | | |
| | | Employment for: Main- and sub spindle right | | |
|  | | Version: BMT | | |
| | | Shank type: Centering key b 20 | | |
| | | Machine adaption: heimatec Capto(TM) C 4 | | |
| | | Tool adaption: heimatec Capto(TM) C 4 | | |
| | | Coolant: IC | | |
| | | Please note: Check applicability; note tool length! | | |
| | | Offset [mm]: ±64 | | |
| | | 8 253 16 010 | Multiple tool holder C 4 IC | Weight [kg]: 6.240 |
| | | | | Version: right |
| | | | | Shank type: BMT |
| | | Machine adaption: Centering key b 20 | | |
| | | Tool adaption: heimatec Capto(TM) C 4 | | |
| | | heimatec Capto(TM) C 4 - 15° | | |
| | | Coolant: IC/Ext | | |
| | | Please note: Check applicability; note tool length! | | |
| | | Center distance [mm]: 75 | | |
| 8 253 16 011 | Multiple tool holder C 4 IC | Weight [kg]: 5.480 | | |
| | | Employment for: Main spindle | | |
| | | Version: offset; right | | |
| | | Shank type: BMT | | |
| | | Machine adaption: Centering key b 20 | | |
| | | Tool adaption: heimatec Capto(TM) C 4 | | |
| | | heimatec Capto(TM) C 4 - 15° | | |
| | | Coolant: IC/Ext | | |
| | | Please note: Check applicability; note tool length! | | |
| | | Center distance [mm]: 75 | | |
| 8 253 16 014 | Multiple tool holder C 4 IC | Version: offset; right | | |
| | | Shank type: BMT | | |
| | | Machine adaption: Centering key b 20 | | |
| | | Tool adaption: heimatec Capto(TM) C 4 | | |
| | | heimatec Capto(TM) C 4 - 15° | | |
| | | Coolant: IC | | |
| | | Please note: Check applicability; note tool length! | | |
| | | Center distance [mm]: 75 | | |
| 8 253 16 018 | Multiple tool holder C 4 IC | Version: right | | |
| | | Shank type: BMT | | |
| | | Machine adaption: Centering key b 20 | | |
| | | Tool adaption: heimatec Capto(TM) C 4 | | |
| | | heimatec Capto(TM) C 4 - 15° | | |
| | | Coolant: IC | | |
| | | Please note: Check applicability; note tool length! | | |
| | | Center distance [mm]: 75 | | |

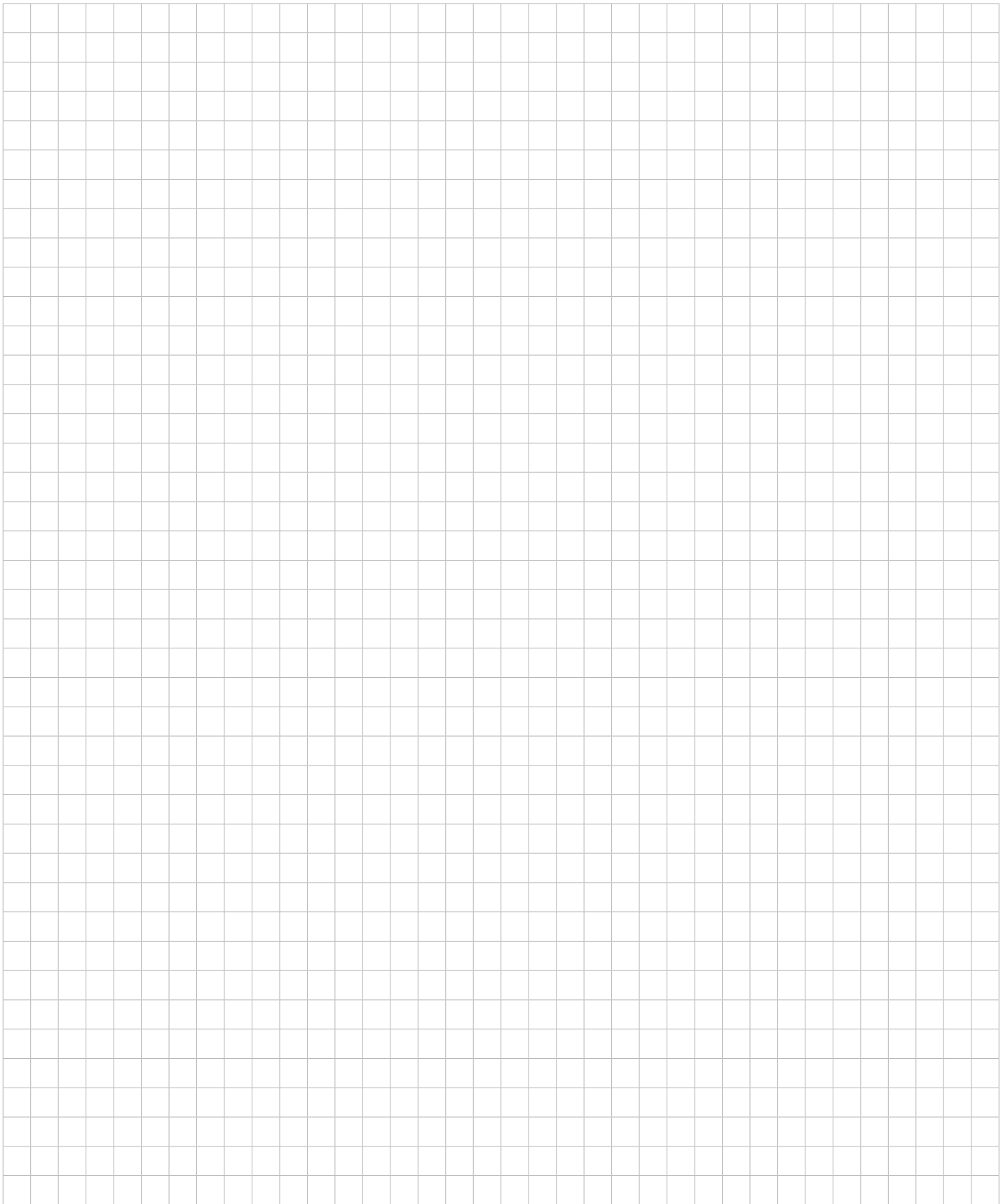
| Part-# | Name | |
|---------------------|---|--|
| 8 253 16 025 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 6.320 |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 253 16 026 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 0.100 |
| | Version: | offset; right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 253 16 036 | Multiple boring bar holder 3x Ø 20 | |
| | Weight [kg]: | 7.040 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 Ø 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55/95 |
| 8 253 16 037 | Multiple boring bar holder 6x Ø 20 | |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 20 Ø 20 Ø 20 Ø 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 55/95 |
| 8 253 17 010 | Double boring bar holder Ø 25 - W 1418-2 | |
| | Weight [kg]: | 3.080 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 56/99 |

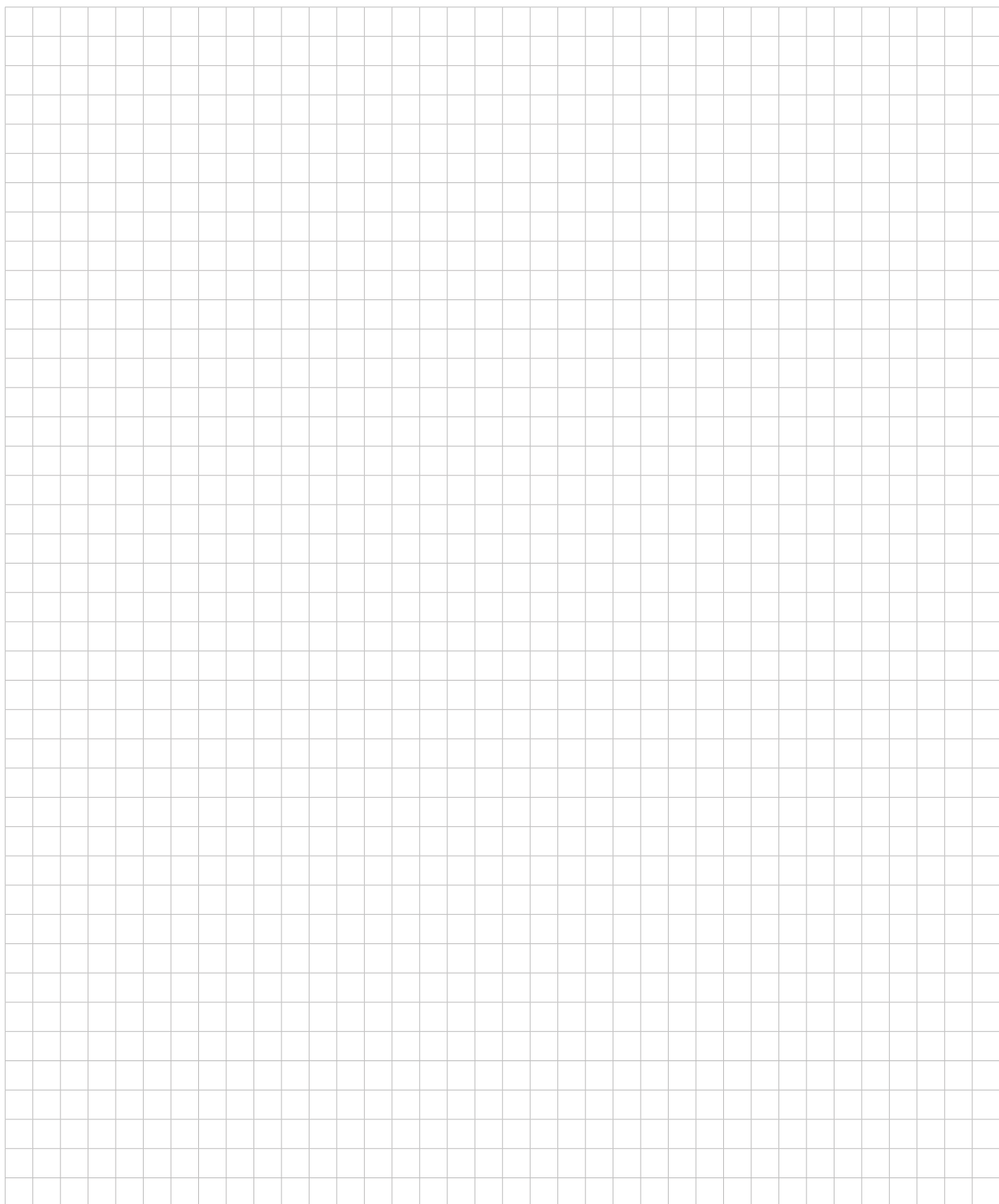
| Part-# | Name | |
|---|-----------------------|---|
|  | 8 253 17 013 | Multiple boring bar holder Ø 25 |
| | Weight [kg]: | 2.520 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| Center distance [mm]: | 39/75 | |
| | 8 253 17 064 | Multiple boring bar holder 2x Ø 25 |
| | Weight [kg]: | 5.140 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 Ø 25 - 15° |
| | Coolant: | IC/Ext |
| Center distance [mm]: | 75 | |
| | 8 253 17 066 | Double boring bar holder Ø 1" |
| | Weight [kg]: | 2.500 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 39/75 |
|  | 8 253 17 067 | Multiple boring bar holder 2x Ø 1" |
| | Weight [kg]: | 5.120 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" (25,4mm) Ø 1" (25,4mm) - 15° |
| | Coolant: | IC/Ext |
| Center distance [mm]: | 75 | |
| | 8 253 17 086 | Multiple boring bar holder 3x Ø 1" |
| | Weight [kg]: | 6.470 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 1" Ø 1" |
| | Coolant: | IC/Ext |
| Center distance [mm]: | 55/95 | |
| | 8 259 12 010 | Multiple turning holder 2x sq. 20 |
| | Weight [kg]: | 2.890 |
| | Notation: | 180° reversible |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 |
| Coolant: | EXT | |

| Part-# | Name | |
|---|--|--|
| 8 259 16 001 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 9.630 |
| | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 259 16 004 | Multiple tool holder C 4 IC | |
|  | Weight [kg]: | 9.610 |
| | Employment for: | Main- and sub spindle |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC/Ext |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 259 16 005 | Multiple tool holder C 4 IC | |
|  | Employment for: | Main- and sub spindle |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Center distance [mm]: | 75 |
| 8 259 17 005 | Multiple holder Ø 25 and sq. 20 | |
| | Weight [kg]: | 7.500 |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 95 |
| 8 259 19 017 | Multiple holder Ø 1" and sq. 3/4" | |
|  | Weight [kg]: | 6.960 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) |

| Part-# | Name | |
|---|---|---------------------------------|
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 95 |
| 8 261 18 003 | Tool holder for centering insert | |
| | Weight [kg]: | 5.960 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | EXT |
| | Please note: | Price without centering point |
| | Center distance [mm]: | 55 or 75 |
| 8 262 19 001 | Stock stop Ø 60 offset | |
|  | Weight [kg]: | 3.440 |
| | Notation: | rotating |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | no |
| | Please note: | Lenght adjustable |
| | Center distance [mm]: | 75 |
| 8 263 19 002 | Tool holder with rotating centering point | |
|  | Weight [kg]: | 4.280 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 75 |
| 8 320 12 010 | Cut-off holder, height adjustable SH 26 IC | |
|  | Weight [kg]: | 1.680 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 12 020 | Cut-off holder, height adjustable SH 26 IC | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder |

| Part-# | Name | |
|--|---|---------------------------------|
| 8 320 13 002 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.570 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| 8 320 13 010 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.730 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |
| 8 320 13 015 | Cut-off holder, height adjustable SH 32 IC | |
|  | Weight [kg]: | 1.830 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder |





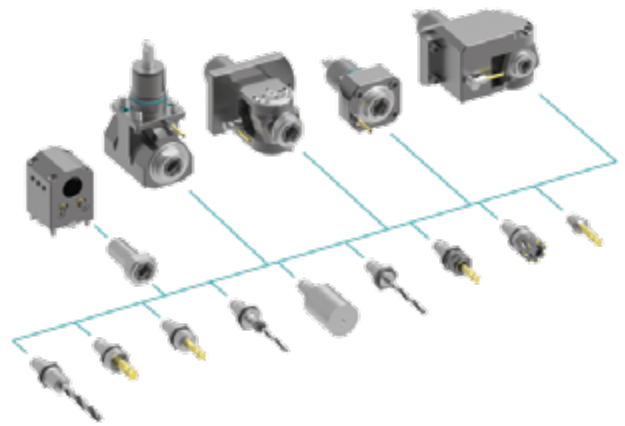
heimatec.u-tec®

heimatec.com

Products / Tool change systems /
u-tec® Tool-changing system



versions see catalog



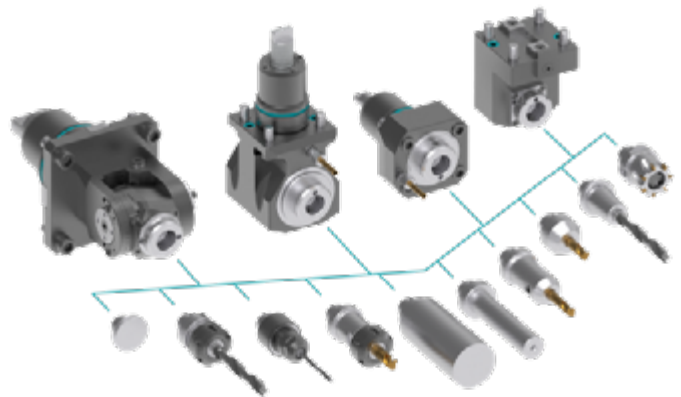
heimatec.easy-quick

heimatec.com

Products / Tool change systems /
easy-quick HT quick-changing system



versions see catalog



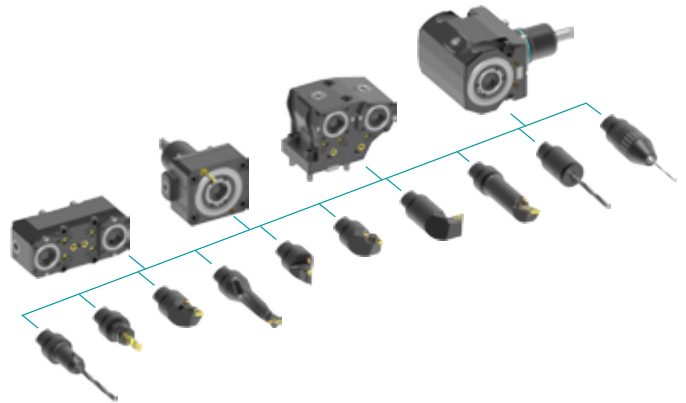
heimatec.Capto™

heimatec.com

Products / Tool change systems /
heimatec.Capto™ quick-changing system



versions see catalog



heimatec.accessories

heimatec.com

Products / Accessories



versions see catalog





● heimatec overseas branches

○ global representations of heimatec

heimatec[®]

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

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

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