

Nakamura
JX-200



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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

8 010 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 55 049

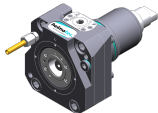
Axial drilling and milling head Weldon 16



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

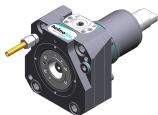
Axial drilling and milling head C 3



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

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

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

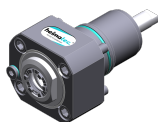
Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

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



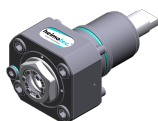
Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 2.870
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC air
 Pressure max [bar]: 10
 Please note: Combi bearing

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

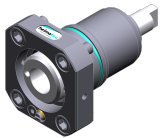


Axial drilling and milling head ER 25 AX UT IC
 Weight [kg]: 3.000
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 15000
 Rotating direction: same

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

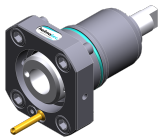
Coolant: IC/Ext
 Pressure max [bar]: 100
 Please note: Dryrun possible

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

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

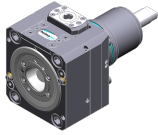


Weight [kg]: 3.000
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 32 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Please note: Combi bearing

| Part-# | Name | |
|---|--|--|
| 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 56 066 | 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 56 069 | Axial drilling and milling head Weldon 20 | |
| | Weight [kg]: | 3.200 |
| | 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]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | 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 ! |

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

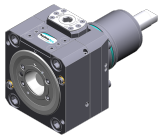
8 010 56 111



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 !

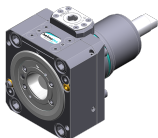
8 010 56 120



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
 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

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

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

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

8 010 57 065 Axial drilling and milling head Weldon 25 IC

Weight [kg]: 3.250
 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: same
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: Combi bearing

| Part-# | Name | |
|---|--|------------------------------------|
| 8 010 57 066 | Axial drilling and milling head Weldon 25 | |
| | Weight [kg]: | 3.230 |
| | Version: | long; special |
| | 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: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| 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

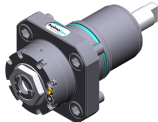
8 013 53 000



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 53 004 | Axial drilling and milling head ER 11 AX IC | |
| | Weight [kg]: | 9.380 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 11 A |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 90 |
| | Offset [mm]: | 134 |
| 8 019 54 000 | Axial drilling and milling head ER 20 | |
| | Notation: | offset |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 10 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | 180° reversible |
| | Offset [mm]: | 42 |
| 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 |

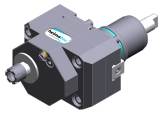


| Part-# | Name | |
|---------------------|---|-------------------------|
| 8 019 54 021 | Axial drilling and milling head ER 20 AX UT | |
| | Weight [kg]: | 5.420 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 20 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 75 |
| 8 019 54 028 | Axial drilling and milling head ER 20 AX UT IC | |
| | 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]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 75 |
| 8 019 54 029 | Axial milling head universal arbor 16 | |
| | Notation: | offset, 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Offset [mm]: | 42 |
| 8 019 54 031 | Axial drilling and milling head ER 20 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 20 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Offset [mm]: | 42 |

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

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 55 005

Axial drilling and milling head ER 25

| | |
|-----------------------|------------------|
| Weight [kg]: | 5.120 |
| Notation: | Y-axes offset |
| 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 |
| Offset [mm]: | 42 |

8 019 55 007

Axial milling head arbor 22

| | |
|-----------------------|------------------|
| Notation: | offset |
| Version: | Y-axes offset |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | Arbor 22 |
| Gear ratio [i]: | 2:1 |
| Torque max [Nm]: | 40 |
| Rotation max [1/min]: | 3000 |
| Rotating direction: | opposite |
| Coolant: | EXT |
| Please note: | stronger bearing |
| Offset [mm]: | 34,5 |

8 019 55 018

Axial drilling and milling head ER 25 AX UT

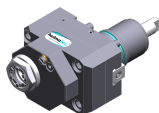


| | |
|-----------------------|-------------------------|
| Weight [kg]: | 5.230 |
| Notation: | offset; 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 25 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 40 |
| Rotation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

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

Please note: stronger bearing
Offset [mm]: 42

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

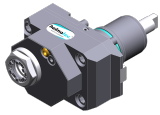
8 019 55 025 Axial drilling and milling head ER 25 AX UT IC



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

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

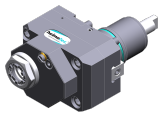
8 019 55 026



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
 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

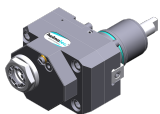
8 019 55 028



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


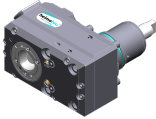


Axial drilling and milling head ER 25 AX UT IC

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

| Part-# | Name | |
|---------------------|---|--|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 42 |
| 8 019 55 045 | Axial drilling and milling head ER 25 AX UT IC | |
| | Weight [kg]: | 6.350 |
| | Notation: | offset; 180° reversible |
| | Version: | Special |
| | 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 |
| | Offset [mm]: | 42 |
| 8 019 55 087 | Axial milling head universal arbor 22 | |
| | Weight [kg]: | 5.480 |
| | Notation: | offset, 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Offset [mm]: | 42 |
| 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 |

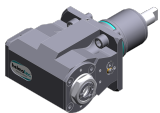


| Part-# | Name | |
|--|-----------------------|--|
|  | 8 019 56 042 | Axial drilling and milling head C 4 IC |
| | Weight [kg]: | 7.720 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) 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 54 043 | Radial drilling and milling head Weldon 12 IC |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Weldon (DIN 1835 b) 12 |
| | 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]: | 75 | |
| | 8 030 54 048 | Radial drilling and milling head ER 16 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 16 A - u-tec |
| Gear ratio [i]: | 1:3 | |
| Torque max [Nm]: | 12 | |

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

Rotation max [1/min]: 18000
 Rotating direction: same
 Coolant: EXT
 Please note: stronger bearing
 Center distance [mm]: 77

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 55 019 Radial drilling and milling head ER 25



Weight [kg]: 6.370
 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]: 90

8 030 55 076 Angle-mill- and drill holder ER 25 AX UT

Weight [kg]: 6.860
 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]: 75

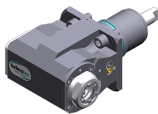
8 030 55 081 Angle-mill- and drill holder ER 25 AX UT IC

Weight [kg]: 7.150
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec

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

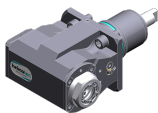
Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Combi bearing
 Center distance [mm]: 75

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 55 123 Radial drilling and milling head ER 25 AX UT IC





Weight [kg]: 6.550
 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: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Center distance [mm]: 77

8 030 55 139 Radial drilling and milling head ER 25 AX UT IC



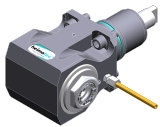
Weight [kg]: 6.560
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:3
 Torque max [Nm]: 12
 Rotation max [1/min]: 18000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Center distance [mm]: 77

| Part-# | Name | |
|---|---|-------------------------------------|
| 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 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 18000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 8 030 55 159 | 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 |
| 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; Einsatzbereit check! |

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

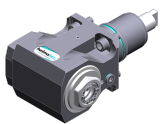
Center distance [mm]: 95

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



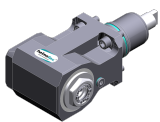
Weight [kg]: 6.380
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 75

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



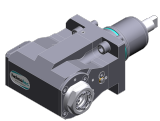
Weight [kg]: 6.960
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance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

8 030 55 250 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

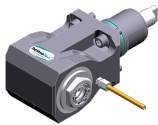


Weight [kg]: 7.520
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:2
 Torque max [Nm]: 16

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

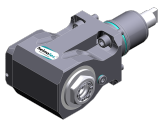
| | |
|-----------------------|--|
| Rotation max [1/min]: | 16000 |
| Rotating direction: | same |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | stronger bearing; check applicability; |
| Center distance [mm]: | 100 |

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 |
| 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 56 076 Radial drilling and milling head HT 4

| | |
|-----------------------|------------------|
| Weight [kg]: | 6.970 |
| 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: | EXT |
| Please note: | Combi bearing |
| Center distance [mm]: | 75 |

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

| | |
|-----------------------|--|
| 8 030 56 077 | Radial drilling and milling head HT 4 |
| Weight [kg]: | 6.920 |
| Notation: | 180° reversible |
| 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: | EXT |
| Please note: | Combi bearing |
| Center distance [mm]: | 75 |

| | |
|-----------------------|---|
| 8 030 56 087 | Angle-mill- and drill holder ER 32 AX UT |
| Weight [kg]: | 6.880 |
| 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]: | 75 |

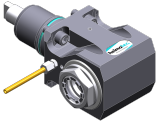


| | |
|-----------------------|--|
| 8 030 56 088 | Angle-mill- and drill holder ER 32 AX UT IC |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 32 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 50 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | opposite |
| Coolant: | IC/Ext |
| Pressure max [bar]: | 140 |
| Please note: | Combi bearing |
| Center distance [mm]: | 75 |

| | |
|-----------------------|---|
| 8 030 56 092 | Radial drilling and milling head ER 32 AX UT |
| Weight [kg]: | 6.830 |
| 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]: | 2:1 |
| Torque max [Nm]: | 63 |
| Rotation max [1/min]: | 3000 |
| Rotating direction: | opposite |
| Coolant: | EXT |



| Part-# | Name | |
|---------------------|--|------------------|
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 56 093 | Radial drilling and milling head ER 32 AX UT IC | |
| | Weight [kg]: | 7.040 |
| | 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]: | 3000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 030 56 107 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 7.180 |
| | 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]: | 75 |
| 8 030 56 121 | Radial drilling and milling head HT 4 IC | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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 56 124 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.300 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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 56 125 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 6.520 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | 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 56 126 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 6.340 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 4 |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 16 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 77 |
| 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 |

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

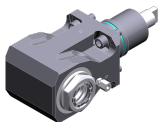
8 030 56 238



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 |

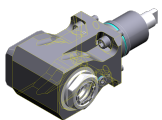
8 030 56 239



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 |

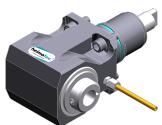
8 030 56 240



Radial drilling and milling head ER 32 AX UT IC

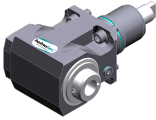
| | |
|-----------------------|----------------------|
| Weight [kg]: | 7.960 |
| Notation: | 180° reversible |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 32 A - u-tec |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 50 |
| Rotation max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

8 030 56 256



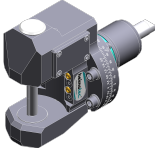
Radial drilling and milling head HT 4

| | |
|-----------------------|------------------|
| 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 |

| Part-# | Name | |
|---|---|--------------------|
| | Coolant: | EXT |
| | Center distance [mm]: | 75 |
| 8 030 56 257 | Radial drilling and milling head HT 4 IC | |
|  | 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]: | 75 |
| 8 030 57 076 | Radial drilling and milling head HT 5 | |
| | Weight [kg]: | 7.010 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | 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]: | 75 |
| 8 031 54 017 | Radial milling head universal arbor 16 | |
| | Weight [kg]: | 6.890 |
| | 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]: | 75 |
| 8 031 55 004 | Radial milling head universal arbor 22 | |
| | Weight [kg]: | 7.210 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | 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 |


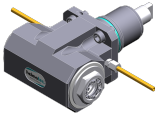
| Part-# | Name | |
|---------------------|--|-------------------------|
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 031 55 005 | Radial milling head universal arbor 22 | |
| | Notation: | 180° reversible |
| | Tool 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: | opposite |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 033 56 018 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 8.200 |
| | Notation: | offset; 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: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 033 56 019 | Radial drilling and milling head HT 4 IC | |
| | Weight [kg]: | 8.700 |
| | Notation: | offset; 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: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 033 56 020 | Radial drilling and milling head ER 32 AX UT IC | |
| | Weight [kg]: | 8.670 |
| | Notation: | offset; 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 |

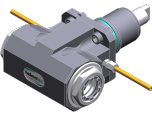
| Part-# | Name | |
|---------------------|--|--|
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Combi bearing |
| | Center distance [mm]: | 75 |
| 8 034 56 001 | Radial milling head universal arbor 27 | |
| | Weight [kg]: | 6.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Universal arbor 27 |
| | Gear ratio [i]: | 1,394:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| 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 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 037 52 001 | Radial disk mill head arbor 10 | |
| | Weight [kg]: | 12.600 |
| | Version: | ± 10° turnable; at 0° position can be pinned |
| | 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]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 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 |

| Part-# | Name | |
|---|---|--------------------------------------|
| | Center distance [mm]: | 76 |
| 8 037 53 000 | Radial disk mill head arbor 13 | |
| | Weight [kg]: | 11.800 |
| | 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]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 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 |
| 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 |
| 8 037 54 005 | Radial disk mill head arbor 3/4" | |
| | Weight [kg]: | 8.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 3/4" (19,05mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |

| Part-# | Name | |
|---------------------|---|--|
| 8 037 54 006 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 8.800 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 54 007 | Radial disk mill head arbor 16 | |
| | Weight [kg]: | 12.220 |
| | Version: | ± 10° turnable; at 0° position can be pinned |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | strong version; stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 000 | Radial disk mill head arbor 7/8" | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 7/8" (22,225mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 55 004 | Radial disk mill head arbor 1" | |
| | Weight [kg]: | 8.840 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1" (25,4mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 87,5 |

| Part-# | Name | |
|---------------------|---|--------------------------------------|
| 8 037 55 013 | Radial disk mill head arbor 1" | |
| | Weight [kg]: | 11.640 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 1" (25,4mm) |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 56 001 | Radial disk mill head arbor 27 | |
| | 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]: | 32 |
| | Rotation max [1/min]: | 2500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Center distance [mm]: | 87,5 |
| 8 037 56 003 | Radial disk mill head arbor 27 | |
| | Weight [kg]: | 12.570 |
| | 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: | same |
| | Coolant: | EXT |
| | Please note: | strong version with stronger bearing |
| | Center distance [mm]: | 87,5 |
| 8 037 59 005 | Radial disk mill head shaft diameter 10-25 | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interchangeable arbor |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 1500 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Price without arbor |

| Part-# | Name | |
|---|--|----------------------------|
| 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 54 035 | Radial drilling and milling head ER 16 AX UT IC | |
|  | Weight [kg]: | 4.980 |
| | Notation: | 180° reversible; 35° angle |
| | 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]: | 40 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| 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 56 006 | Radial drilling and milling head HT 4 | |
| | Notation: | 13° angle |
| | 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]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |

| Part-# | Name | |
|--|--|--------------------------|
| | Coolant: | EXT |
| | Please note: | Special stronger bearing |
| 8 039 56 007 | Radial drilling and milling head HT 4 | |
| | Weight [kg]: | 8.480 |
| | Notation: | 5° angle |
| | 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]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Special stronger bearing |
| 8 039 56 021 | Radial drilling and milling head ER 32 AX UT | |
|  | 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: | 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]: | 75 |
| 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 |

| Part-# | Name | |
|---------------------|--|-------------------------|
| | 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 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 91 |
| 8 039 57 002 | Radial drilling and milling head HT 5 | |
| | Weight [kg]: | 8.360 |
| | Notation: | 13° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 8 039 57 003 | Radial drilling and milling head HT 5 | |
| | Weight [kg]: | 8.520 |
| | Notation: | 5° angle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| 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 |

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

| | |
|-----------------------|------|
| 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


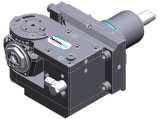
| | |
|-----------------------|------------------|
| Weight [kg]: | 3.160 |
| Tool drive: | Flat (~DIN 1809) |
| Shank size [mm]: | 55.00 |
| Shank type: | BMT |
| Tool adaption: | ER 11 A |
| Gear ratio [i]: | 1:1 |
| Torque max [Nm]: | 10 |
| Rotation max [1/min]: | 6000 |
| Rotating direction: | same |
| Coolant: | EXT |
| Center distance [mm]: | 57 |

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 |

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

| Part-# | Name | |
|---|---|--|
| 8 040 54 010 | Universal head ± 90° adjustable ER 20 | |
| | Version: | Special |
| | 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]: | 10 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Special version |
| 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 54 034 Universal head ± 10° adjustable ER 16 AX UT IC

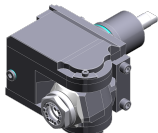
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 16 A - u-tec
Gear ratio [i]: 1:2
Torque max [Nm]: 25
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: Check applicability! note 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

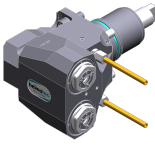
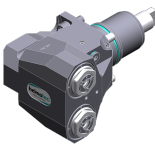
8 043 55 022 Universal head +135°/-30° adj. ER25AX UTIK

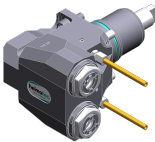


Weight [kg]: 10.080
Notation: offset; 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 55.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 25
Rotation max [1/min]: 6000
Rotating direction: same
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: stronger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

| Part-# | Name | |
|---|--|------------------|
| 8 049 55 000 | Universal head ± 15° adjustable ER 25 | |
| | Weight [kg]: | 7.080 |
| | Notation: | Y-axes offset |
| | Version: | Special |
| | 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 |
| | Coolant: | EXT |
| | Offset [mm]: | 70 |
| 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 |
| | 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 |

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

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




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

| Part-# | Name | |
|---|--|--------------------|
| 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 |
| 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 19 000 | Adapter 45 ° for Ecoroll WKT EG5-1-SL00 | |
| | Weight [kg]: | 2.590 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| 8 209 58 000 | Adapter for sensor m&h RWP 38.41 | |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Ø 32 |
| | Coolant: | no |

| Part-# | Name | |
|---------------------|---|--------------------------|
| 8 209 58 001 | Adapter for sensor m&h IRP 40.01 | |
| | Weight [kg]: | 1.340 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Tool adaption: | Ø 32 |
| | Coolant: | no |
| 8 209 58 003 | Adapter for sensor Renishaw RLP | |
| | Weight [kg]: | 1.700 |
| | Notation: | 180° reversible |
| | Shank size [mm]: | 55.00 |
| | Shank type: | BMT |
| | Coolant: | no |
| 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 |
| 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 |



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

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

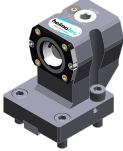
| Part-# | Name | |
|--------------|---|--|
| 8 224 15 063 | Universal turning holder sq. 1" IC |  |
| | | <p>Weight [kg]: 3.100 Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 1" (25,4mm) Sq. 1" (25,4mm) Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail</p> |
| 8 225 11 001 | Cut-off holder sq. 20 R 1432 | <p>Weight [kg]: 1.320 Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Coolant: EXT Center distance [mm]: 80</p> |
| | | |
| 8 225 11 002 | Cut-off holder sq. 20 R 1432 | <p>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</p> |
| | | |
| 8 225 11 005 | Cut-off holder sq. 20 | <p>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</p> |
| | | |
| 8 225 11 009 | Cut-off holder sq. 3/4" R 1442 | <p>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</p> |
| | | |
| 8 225 11 012 | Cut-off holder sq. 3/4" | <p>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</p> |
| | | |

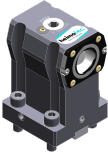


| Part-# | Name | |
|---------------------|---------------------------|--|
| 8 229 16 001 | Tool holder C 4 IC | |
| | Weight [kg]: | 2.400 |
| | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) 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 |
| 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 |

| Part-# | Name | |
|---|--|--|
| 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 15 002 | Tool holder ABS 50 IC/Ext | |
| | Weight [kg]: | 3.560 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ABS 50 |
| | Coolant: | IC/Ext |
| | 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 |
| 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 |

| Part-# | Name | |
|---------------------|---|-------------------------------|
| | Center distance [mm]: | 75 |
| 8 240 15 005 | Tool holder C 3 offset | |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | heimatec Capto(TM) C 3 |
| | Coolant: | IC/Ext |
| | 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 16 072 | 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 |
| 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 |

| Part-# | Name | |
|---|--|-------------------------------|
| 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 17 012 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 5.920 |
| | 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]: | 117,5 |
| 8 240 17 013 | Boring bar holder Ø 25 | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 90 |
| 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 17 017 | Boring bar holder Ø 25 | |
| | Weight [kg]: | 2.860 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 90 |

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



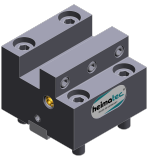
| Part-# | Name | |
|---|---|--|
| 8 240 17 065 | Boring bar holder Ø 25 - slotted | |
| | Weight [kg]: | 3.670 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 25 |
| | Coolant: | EXT |
| | Please note: | Housing rigid |
| | 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 18 012 | 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 |
| 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 |

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




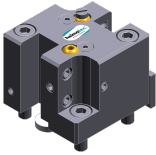
| Part-# | Name | |
|---|--------------------------------------|-------------------------------|
| 8 240 18 102 | Boring bar holder Ø 32 offset | |
|  | Weight [kg]: | 6.780 |
| | Notation: | 180° reversible |
| | Version: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | 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 |
| | Center distance [mm]: | 75 |
| 8 240 19 013 | Boring bar holder Ø 40 | |
| | Weight [kg]: | 5.820 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Please note: | Housing rigid |
| | Center distance [mm]: | 117,5 |
| 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 |



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


| Part-# | Name | |
|---|---|--|
| 8 244 12 025 | Facing holder sq. 25 | |
|  | Weight [kg]: | 5.160 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| | Please note: | Check applicability; note tool length! |
| 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 |
| 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 |



| Part-# | Name | |
|---|---|--|
| 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 17 001 | Double collet chuck holder ER 40 | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | ER 40 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 75 |
| 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 | |
|---|---|--|
| 8 249 18 003 | Adapter for sensor m&h IRP 40.01 | |
| | Weight [kg]: | 5.230 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 32 |
| | Coolant: | no |
| | Center distance [mm]: | 112 |
| 8 249 18 008 | Double boring bar holder Ø 32 | |
|  | Weight [kg]: | 3.800 |
| | 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]: | 75 |
| 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 |

| Part-# | Name | |
|--|---|--|
| 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 |
| 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 13 009 | Combi multiple holder 6x 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) |
| | | Sq. 3/4" (19,05mm) |
| | | Sq. 3/4" (19,05mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |

| Part-# | Name | |
|---|--|-----------------------|
| | Please note: | Key rail |
| 8 251 13 010 | 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 |
| 8 251 14 064 | Combi multiple holder 3x sq. 20 IC | |
| | Weight [kg]: | 3.950 |
| | Employment for: | Main spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| 8 251 14 066 | Combi multiple holder 6x sq. 20 IC | |
|  | Weight [kg]: | 6.780 |
| | 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 14 094 | Combi multiple holder 3x sq. 20 IC | |
| | Weight [kg]: | 3.820 |
| | Employment for: | Sub spindle |
| | 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 |

| Part-# | Name | |
|---|---|--|
| 8 251 16 010 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 4.900 |
| | Employment for: | Main spindle |
| | 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! |
| | Offset [mm]: | 64 64 |
| 8 251 16 011 | Multiple tool holder C 4 IC | |
| | Weight [kg]: | 5.100 |
| | Employment for: | 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 - 15° |
| | Coolant: | IC |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 64 64 |
| 8 253 17 105 | Multiple boring bar holder 2x Ø 25 | |
|  | Weight [kg]: | 5.560 |
| | Notation: | 180° reversible |
| | 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 |
| | Please note: | Check applicability! |
| | Center distance [mm]: | 75 |
| 8 259 12 003 | Combi multiple holder 4x sq. 20 | |
| | Weight [kg]: | 5.420 |
| | Notation: | Y-axes offset; 180° reversible |
| | 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 Sq. 20 Sq. 20 Sq. 20 Sq. 20 Sq. 20 |
| | Coolant: | EXT |

| Part-# | Name | |
|---|--|-------------------------------|
| 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 |
| 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 |
| 8 262 19 002 | Stock stop Ø 54 offset | |
| | Weight [kg]: | 2.980 |
| | Notation: | rotating |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | no |
| | Please note: | Lenght adjustable |
| | Center distance [mm]: | 75 |
| 8 263 18 000 | Cutter holder with rotating spring-loaded centering point | |
| | Weight [kg]: | 4.810 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | 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 |
| 8 263 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 |

| Part-# | Name | |
|---------------------|--|-----------------------|
| | Center distance [mm]: | 75 |
| 8 263 19 003 | Tool holder with rotating centering point | |
| | Weight [kg]: | 6.000 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 100 |
| 8 263 19 007 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.375 |
| | 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 |
| 8 263 19 008 | Tool holder with rotating centering point | |
| | Weight [kg]: | 6.140 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Rotation max [1/min]: | 6000 |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings |
| | Center distance [mm]: | 100 |
| 8 263 19 013 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.290 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | 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 |
| 8 263 19 014 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.090 |
| | Notation: | 180° reversible |
| | Version: | Special |
| | 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 |



| Part-# | Name | |
|---------------------|--|-----------------------|
| 8 263 19 021 | Tool holder with rotating centering point | |
| | Notation: | 180° reversible |
| | Version: | Special |
| | 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 |
| 8 263 19 025 | Tool holder with rotating centering point | |
| | Weight [kg]: | 4.370 |
| | 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 |
| 8 268 14 000 | Support Y-axes adjustable | |
| | Weight [kg]: | 3.180 |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Center distance [mm]: | 90 |
| 8 268 18 000 | Support Y-axes adjustable | |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 20 |
| | Tool adaption: | Ø 38 |
| | Coolant: | no |
| | Center distance [mm]: | 75 |
| 8 294 03 001 | Adapter for cut-off tool SH 32 | |
| | Weight [kg]: | 0.780 |
| | Shank type: | BMT |
| | Tool adaption: | Clampshaft SH 32 |
| 8 294 03 002 | Adapter for cut-off tool SH 32 | |
| | Weight [kg]: | 0.780 |
| | Shank type: | BMT |
| | Tool adaption: | Clampshaft SH 32 |
| 8 294 03 003 | Adapter for cut-off tool SH 32 | |
| | Shank type: | BMT |
| | Tool adaption: | Clampshaft SH 32 |
| 8 294 03 004 | Adapter for cut-off tool SH 32 | |
| | Weight [kg]: | 0.620 |
| | Shank type: | BMT |
| | Tool adaption: | Clampshaft SH 32 |

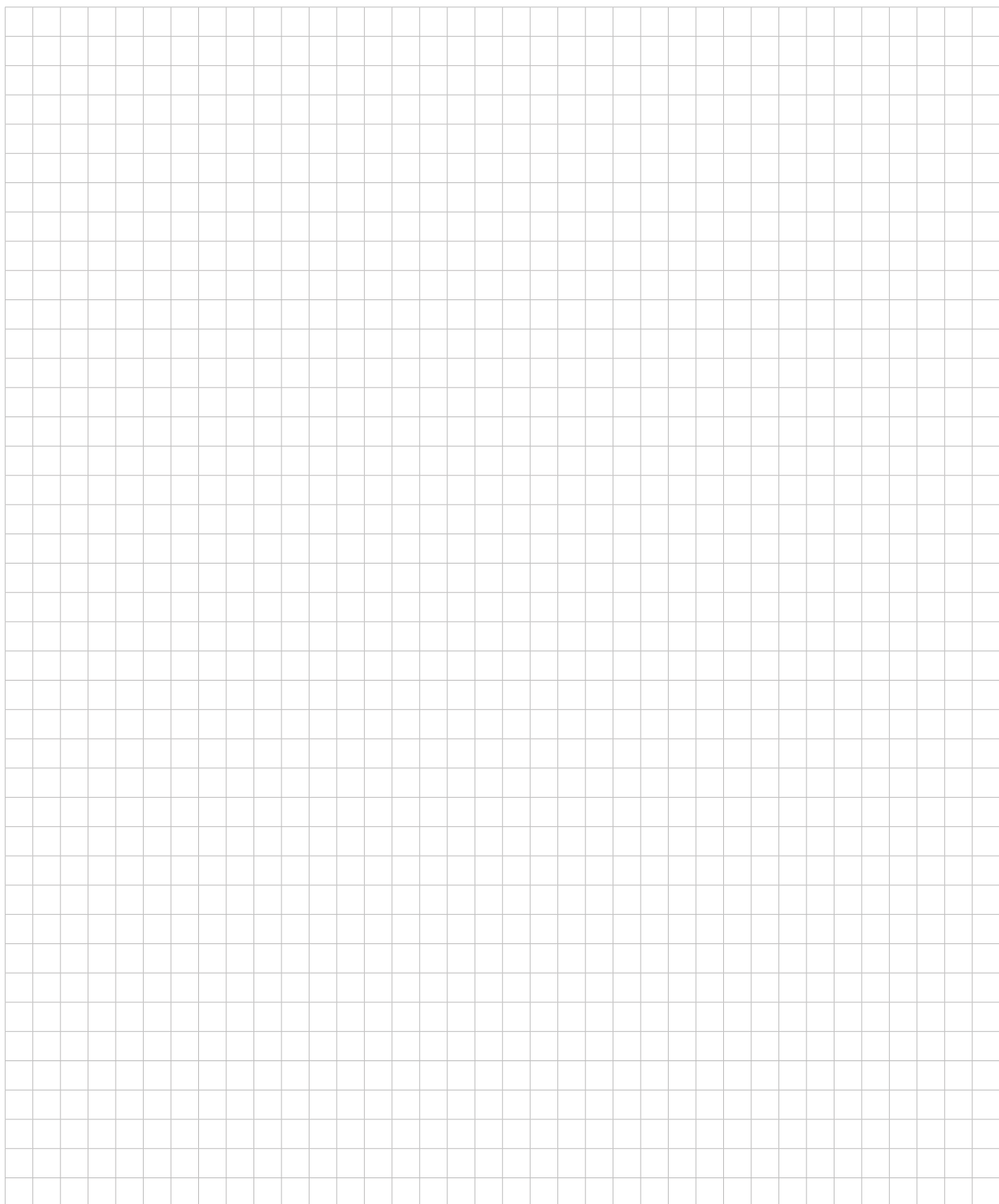
| Part-# | Name | |
|---|---|---------------------------------|
| 8 295 01 000 | Adapter for turning tools sq. 16 | |
| | Weight [kg]: | 0.680 |
| | Version: | height adjustable |
| | Shank type: | BMT |
| | Tool adaption: | Sq. 16 |
| 8 295 01 001 | Adapter for turning tools sq. 20 | |
| | Weight [kg]: | 0.720 |
| | Shank type: | BMT |
| | Tool adaption: | Sq. 20 |
| 8 295 02 000 | Adapter for turning tools sq. 25 | |
| | Weight [kg]: | 1.120 |
| | Shank type: | BMT |
| | Tool adaption: | Sq. 25 |
| 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 |
| 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 |

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

| | |
|---------------------|---|
| 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 |



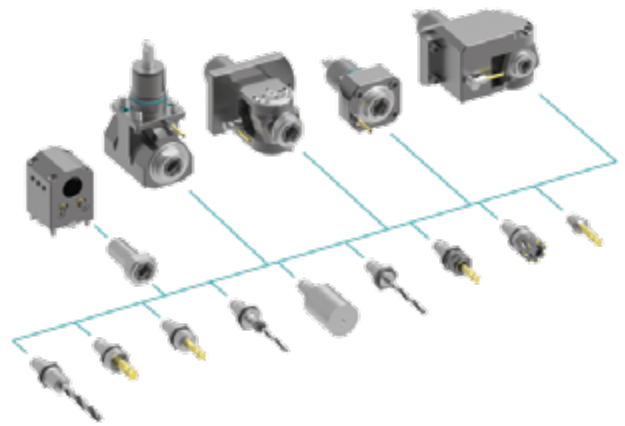
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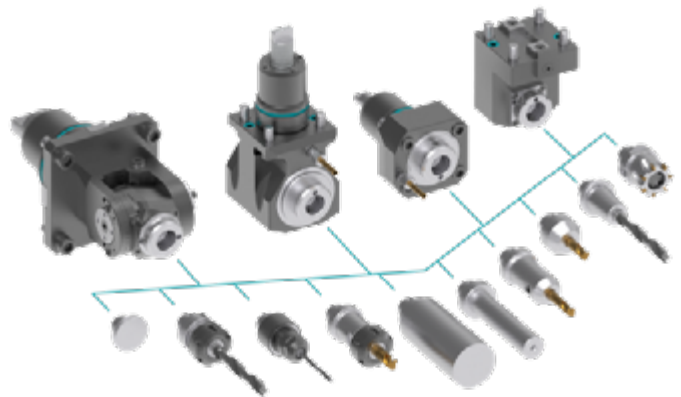
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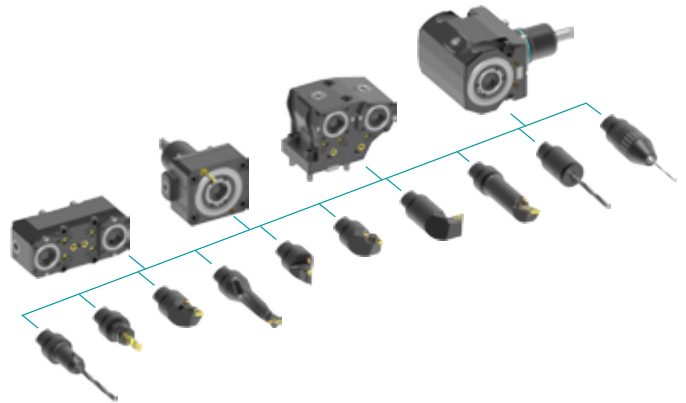
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