TOOL CATALOGUE

heimatec®

Doosan

# Puma 2100 BMT 65

09/2026

# 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 subsiiary 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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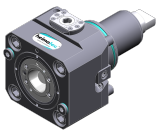
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 010 66 117** | **Axial drilling and milling head C 4 IC** | |
|  | Weight [kg]: | 6.240 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| **8 010 66 132** | **Axial drilling and milling head ER 32 AS UT** | |
| | Weight [kg]: | 3.340 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | short version |
| **8 010 66 143** | **Axial drilling and milling head ER 32 AX UT IC** | |
| | Weight [kg]: | 5.040 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Dryrun possible |
| **8 010 66 145** | **Axial drilling and milling head ER 32 AX UT** | |
| | Weight [kg]: | 4.960 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |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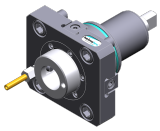
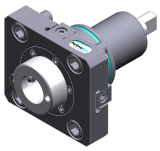
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 010 67 025** | **Axial drilling and milling head HT 5** | |
|  | Weight [kg]: | 3.065 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| **8 010 67 026** | **Axial drilling and milling head HT 5 IC** | |
|  | Weight [kg]: | 3.210 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | HT 5 |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| **8 010 67 132** | **Axial drilling and milling head ER 40 AX UT** | |
| | Weight [kg]: | 4.870 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 50 |
| | Rotation max [1/min]: | 5000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Please note: | Combi bearing |
| **8 013 64 008** | **Axial drilling and milling head ER 16 AX UT** | |
| | Weight [kg]: | 4.050 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |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# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 013 64 009** | **Axial drilling and milling head ER 16 AX UT IC** | |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 100 |
| **8 019 61 000** | **Axial drilling and milling head CHC** | |
| | Weight [kg]: | 10.690 |
| | Notation: | 180° reversible, IC-300 |
| | Version: | no Splash-protection |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | CHC |
| | Gear ratio [i]: | 1:0,75 |
| | Rotation max [1/min]: | 4500 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 100 |
| | Offset [mm]: | 174,9 |
| **8 019 65 004** | **Axial drilling and milling head ER 25 AX UT** | |
| | Weight [kg]: | 6.370 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 50 |
| **8 019 65 019** | **Axial drilling and milling head ER 25 AX UT IC** | |
| | Weight [kg]: | 7.790 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | stronger bearing |


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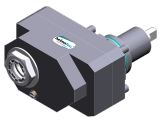
| Part-# | Name | |
|---|---|---|
| | Offset [mm]: | 50 |
| **8 019 65 025** | **Axial drilling and milling head ER 25 AX UT** | |
| | Weight [kg]: | 6.500 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:3 |
| | Torque max [Nm]: | 12 |
| | Rotation max [1/min]: | 15000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |
| | Offset [mm]: | 50 |
| **8 019 65 027** | **Axial drilling and milling head ER 25 AX UT IC** | |
| | Weight [kg]: | 7.850 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:2 |
| | Torque max [Nm]: | 40 |
| | Rotation max [1/min]: | 12000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 50 |
| **8 019 65 067** | **Axial drilling and milling head ER 25 AX UT** | |
| | Weight [kg]: | 6.030 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | stronger bearing |
| | Offset [mm]: | 50 |
| **8 019 66 014** | **Axial drilling and milling head ER 32 AX UT IC** | |
|  | Weight [kg]: | 10.740 |
| | Notation: | offset; |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |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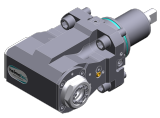
| Part-# | Name | |
|---|---|---|
| | Torque max [Nm]: | 100 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Offset [mm]: | 75 |
| **8 030 65 055** | **Radial drilling and milling head ER 25 AX UT** | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |
| | Center distance [mm]: | 95 |
| **8 030 65 061** | **Radial drilling and milling head ER 25 AX UT** | |
|  | Weight [kg]: | 7.970 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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 |
| | Center distance [mm]: | 100 |
| **8 030 65 064** | **Radial drilling and milling head ER 25 AX UT** | |
| | Weight [kg]: | 7.580 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 95 |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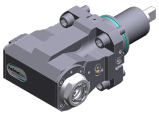
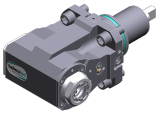
| Part-# | Name | |
|---|---|---|
| **8 030 65 065** | **Radial drilling and milling head ER 25 AX UT IC** | |
| | Weight [kg]: | 7.770 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | 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]: | 95 |
| **8 030 65 078** | **Radial drilling and milling head ER 25 AX UT IC** | |
|  | Weight [kg]: | 8.140 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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]: | 100 |
| **8 030 65 091** | **Radial drilling and milling head ER 25 AX UT** | |
|  | Weight [kg]: | 7.590 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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: | no |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 95 |
| **8 030 66 169** | **Radial drilling and milling head ER 32 AS UT IC** | |
| | Weight [kg]: | 10.550 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 80 |
| | Rotation max [1/min]: | 3000 |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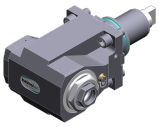
| Part-# | Name | |
|---|---|---|
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Rotating direction note; combi bearing |
| | Center distance [mm]: | 100 |
| **8 030 66 225** | **Radial drilling and milling head ER 32 AS UT** | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 4000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | Taper roller bearings incl. spindle bearing as Loslager |
| | Center distance [mm]: | 90 |
| **8 030 66 239** | **Radial drilling and milling head ER 32 AS UT** | |
| | Weight [kg]: | 8.200 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 72 |
| **8 030 66 260** | **Radial drilling and milling head ER 32 AS UT** | |
| | Weight [kg]: | 9.260 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 100 |
| **8 030 66 261** | **Radial drilling and milling head ER 32 AS UT IC** | |
|  | Weight [kg]: | 9.440 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |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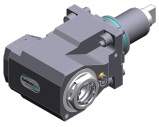
| Part-# | Name | |
|---|---|---|
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 100 |
| **8 030 66 269** | **Radial drilling and milling head ER 32 AX UT** | |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | EXT |
| | Center distance [mm]: | 100 |
| **8 030 66 270** | **Radial drilling and milling head ER 32 AX UT IC** | |
|  | Weight [kg]: | 9.980 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 100 |
| **8 030 67 165** | **Radial drilling and milling head ER 40 AX UT** | |
| | Weight [kg]: | 10.540 |
| | Notation: | 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 40 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 |
| | Center distance [mm]: | 100 |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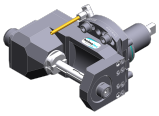
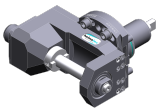
| Part-# | Name | |
|---|---|---|
| **8 037 64 039** | **Radial disk mill head arbor 16** | |
| | Weight [kg]: | 11.860 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 16 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version; stronger bearing; use |
| | Center distance [mm]: | 87,5 |
| **8 037 64 040** | **Radial disk mill head arbor 16** | |
|  | Weight [kg]: | 11.610 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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; use |
| | Center distance [mm]: | 87,5 |
| **8 037 65 008** | **Radial disk mill head arbor 22** | |
|  | Weight [kg]: | 12.060 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Arbor 22 |
| | Gear ratio [i]: | 2:1 |
| | Torque max [Nm]: | 63 |
| | Rotation max [1/min]: | 3000 |
| | Rotating direction: | same |
| | Coolant: | no |
| | Please note: | strong version; stronger bearing; use |
| | Center distance [mm]: | 87,5 |
| **8 039 66 021** | **Radial drilling and milling head ER 32 AX UT** | |
| | Weight [kg]: | 9.700 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | double spindle |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 32 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 70 |
| | Rotation max [1/min]: | 10000 |
| | Rotating direction: | same/opposite |
| | Coolant: | EXT |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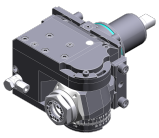
| Part-# | Name | |
|---|---|---|
| | Please note: | stronger bearing |
| | Center distance [mm]: | 100 |
| **8 043 65 000** | **Universal head +135°/-30° adj. ER25 AX UT** | |
|  | Weight [kg]: | 10.800 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | 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; note tool length! |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| **8 043 65 004** | **Universal head +135°/-30° adj. ER25AX UTIK** | |
| | Weight [kg]: | 10.080 |
| | Notation: | offset; 180° reversible |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 25 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | same |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | stronger bearing |
| | Center distance [mm]: | 69 |
| | Offset [mm]: | 60 |
| **8 050 65 011** | **Multispindle drilling head ER 25 AX UT** | |
| | Weight [kg]: | 6.700 |
| | Version: | 2-spindles |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | EXT |
| | Please note: | stronger bearing |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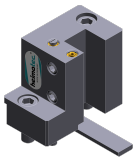
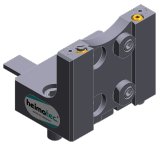
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 050 65 012** | **Multispindle drilling head ER 25 AX UT IC** | |
| | Weight [kg]: | 6.740 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | ER 25 A - u-tec |
| | Gear ratio [i]: | 1:1 |
| | Torque max [Nm]: | 32/Sp. |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 25 |
| | Please note: | stronger bearing |
| **8 100 16 000** | **Tool holder radial ø17,1 / minus** | |
| | Notation: | 180° reversible |
| | Employment for: | Angle handpiece or extension CN01 |
| | Tool drive: | Flat (~DIN 1809) |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| | Tool adaption: | Interface ø17,1 / M17x1 |
| | Gear ratio [i]: | 1:1 |
| | Rotation max [1/min]: | 6000 |
| | Rotating direction: | opposite |
| | Coolant: | no |
| | Center distance [mm]: | 100 |
| **8 200 62 006** | **Cover plate 96,0x100,0x 10,0** | |
| | Weight [kg]: | 1.340 |
| | Shank size [mm]: | 65.00 |
| | Shank type: | BMT |
| **8 224 12 014** | **Cut-off holder sq. 25** | |
|  | Weight [kg]: | 2.320 |
| **8 224 13 015** | **Cut-off holder SH 32** | |
|  | Weight [kg]: | 1.870 |
| | Employment for: | Cut-off tool 32 |
| | Version: | Clampshaft on turret side |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | EXT |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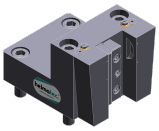
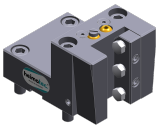
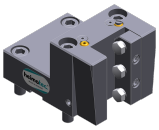
| Part-# | Name | |
|---|---|---|
| **8 224 14 026** | **Universal turning holder sq. 20 IC** | |
| | Weight [kg]: | 3.795 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 224 14 027** | **Universal turning holder sq. 20 IC** | |
|  | Weight [kg]: | 4.600 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 224 15 005** | **Universal turning holder sq. 25** | |
| | Weight [kg]: | 3.960 |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| **8 224 15 006** | **Universal turning holder sq. 25** | |
|  | Weight [kg]: | 4.590 |
| | Notation: | 180° reversible |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| **8 224 15 015** | **Universal turning holder sq. 1"** | |
| | Weight [kg]: | 3.930 |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| **8 224 15 016** | **Universal turning holder sq. 1"** | |
|  | Weight [kg]: | 4.580 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | EXT |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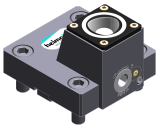
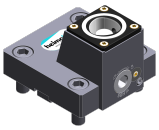
| Part-# | Name | |
|---|---|---|
| **8 224 15 052** | **Universal turning holder sq. 25 IC** | |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 224 15 053** | **Universal turning holder sq. 25 IC** | |
| | Weight [kg]: | 4.690 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Key rail |
| **8 224 15 056** | **Universal turning holder sq. 1" IC** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | | Sq. 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Please note: | Key rail |
| **8 229 16 012** | **Tool holder C 4 IC** | |
|  | Notation: | 180° reversible |
| | Version: | right |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 31 |
| **8 229 16 021** | **Tool holder C 4 IC** | |
|  | Notation: | 180° reversible |
| | Version: | left |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | heimatec Capto(TM) C 4 |
| | Coolant: | IC |
| | Pressure max [bar]: | 140 |
| | Please note: | Check applicability; note tool length! |
| | Offset [mm]: | 31 |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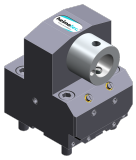
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 240 15 026** | **Tool holder ABS 50 IC/Ext** | |
|  | Weight [kg]: | 7.800 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | ABS 50 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 100 |
| **8 240 16 026** | **Collet chuck holder ER 32** | |
| | Weight [kg]: | 6.820 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Please note: | Insert reversible |
| | Center distance [mm]: | 100 |
| **8 240 17 050** | **Boring bar holder Ø 25** | |
| | Weight [kg]: | 10.730 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 100 |
| **8 240 17 063** | **Boring bar holder Ø 1 1/4"** | |
| | Weight [kg]: | 10.500 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 100 |
| **8 240 18 049** | **Boring bar holder Ø 32** | |
| | Weight [kg]: | 10.480 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 100 |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| Part-# | Name | |
|---|---|---|
| **8 240 18 091** | **Boring bar holder Ø 1 1/2"** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 1 1/2" (38,1mm) |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 100 |
| **8 240 19 043** | **Boring bar holder Ø 40** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 40 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| | Center distance [mm]: | 100 |
| **8 240 19 051** | **Boring bar holder Ø 50** | |
| | Weight [kg]: | 9.340 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 50 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 80 |
| | Center distance [mm]: | 100 |
| **8 240 19 070** | **Boring bar holder Ø 50** | |
| | Weight [kg]: | 11.220 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Version: | Special |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 50 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 115 |
| **8 240 19 137** | **Boring bar holder Ø 2"** | |
| | Weight [kg]: | 7.060 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 2" (50,8mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 80 |


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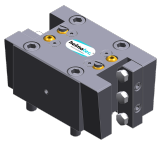
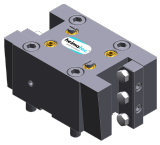
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 244 15 005** | **Combi facing holder sq. 25** | |
| | Weight [kg]: | 6.510 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key slot b 18 |
| | Tool adaption: | Sq. 25 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| **8 244 15 006** | **Combi facing holder sq. 1"** | |
| | Weight [kg]: | 6.530 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key slot b 18 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | Coolant: | EXT |
| **8 249 16 005** | **Double collet chuck holder ER 32** | |
| | Weight [kg]: | 8.560 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | ER 32 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 100 |
| **8 251 14 019** | **Combi multiple holder 3x sq. 20** | |
| | Weight [kg]: | 4.890 |
| | Employment for: | Main spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 20 |
| | | Sq. 20 |
| | Coolant: | EXT |
| **8 251 15 003** | **Combi double turning holder sq. 25** | |
|  | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | EXT |
| | Pressure max [bar]: | 80 |
| **8 251 15 008** | **Combi double turning holder sq. 1"** | |
|  | Weight [kg]: | 6.590 |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 1" (25,4mm) |
| | Coolant: | EXT |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| Part-# | Name | |
|---|---|---|
| **8 251 15 046** | **Combi double turning holder sq. 25 IC** | |
| | Weight [kg]: | 6.520 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | | Sq. 25 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 100 |
| | Please note: | Key rail |
| **8 253 17 056** | **Double boring bar holder Ø 25** | |
| | Weight [kg]: | 7.300 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 25 |
| | Coolant: | IC/Ext |
| | Please note: | Special |
| | Center distance [mm]: | 70/110 |
| **8 253 17 084** | **Multiple boring bar holder 3x Ø 25** | |
| | Weight [kg]: | 8.500 |
| | Notation: | offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 25/Ø 25 - 15 ° |
| | | Ø 25/Ø 25 - 15 ° |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 65/120 |
| **8 253 17 097** | **Multiple boring bar holder, double Ø 25** | |
| | Weight [kg]: | 8.110 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 25 |
| | | Ø 25 |
| | | Ø 25 |
| | | Ø 25 |
| | | Ø 25 |
| | | Ø 25 |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 36/75/114 |
| **8 253 17 115** | **Multiple boring bar holder Ø 1 1/4"** | |
| | Weight [kg]: | 8.950 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 70/110 |

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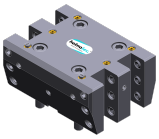
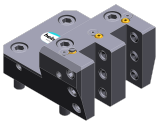
# Puma 2100 BMT 65

| Part-# | Name | |
|---|---|---|
| **8 253 18 005** | **Double boring bar holder Ø 1 1/4"** | |
| | Weight [kg]: | 9.100 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 1 1/4" (31,75mm) |
| | Coolant: | IC/Ext |
| | Center distance [mm]: | 56/107 |
| **8 253 18 006** | **Double boring bar holder Ø 32** | |
| | Weight [kg]: | 8.860 |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 32 |
| | | Ø 32 |
| | Coolant: | IC/Ext |
| | Please note: | Special |
| | Center distance [mm]: | 70/110 |
| **8 259 12 007** | **Multiple turning holder sq. 25/1"** | |
|  | Weight [kg]: | 8.790 |
| | Employment for: | Main- and sub spindle |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25/1" (25,4mm) |
| | | Sq. 25/1" (25,4mm) |
| | | Sq. 25/1" (25,4mm) |
| | | Sq. 25/1" (25,4mm) |
| | Coolant: | EXT |
| **8 259 12 008** | **Multiple turning holder sq. 25/1"** | |
|  | Weight [kg]: | 5.000 |
| | Notation: | 180° reversible |
| | Version: | Y-axes offset |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Sq. 25/1" (25,4 mm) |
| | | Sq. 25/1" (25,4 mm) |
| | Coolant: | EXT |
| **8 259 17 009** | **Double boring bar holder Ø 1"** | |
| | Notation: | 180° reversible |
| | Employment for: | Main- and sub spindle |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Ø 1" (25,4mm) |
| | Coolant: | IC/Ext |
| | Please note: | Special |
| | Center distance [mm]: | 70/110 |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| Part-# | Name | |
|---|---|---|
| **8 320 12 017** | **Cut-off holder, height adjustable SH 26 IC** | |
| | Weight [kg]: | 1.980 |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Clampshaft SH 26 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| **8 320 13 005** | **Cut-off holder, height adjustable SH 32 IC** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 140 |
| **8 320 13 019** | **Cut-off holder, height adjustable SH 32 IC** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | Clampshaft SH 32 |
| | Coolant: | IC/Ext |
| | Pressure max [bar]: | 70 |
| | Please note: | with offset cut-off tool holder; use |
| **8 320 19 020** | **Cut-off holder, height adjustable 845 IC** | |
| | Notation: | 180° reversible |
| | Shank type: | BMT |
| | Machine adaption: | Centering key b 18 |
| | Tool adaption: | System 845 |
| | Coolant: | IC |
| | Pressure max [bar]: | 70 |
| | Please note: | Clampshaft internal |


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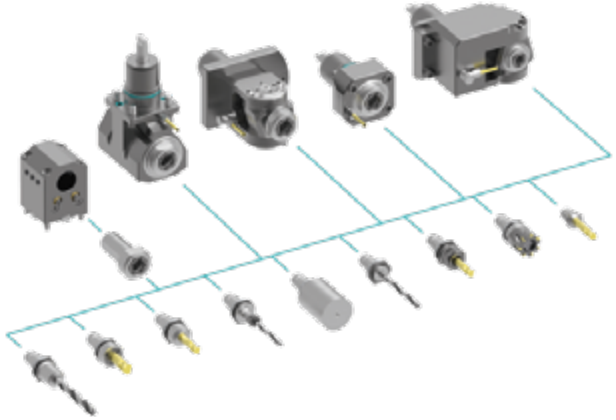

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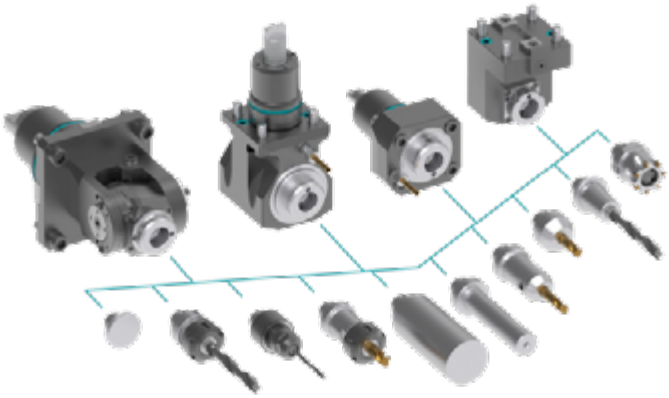

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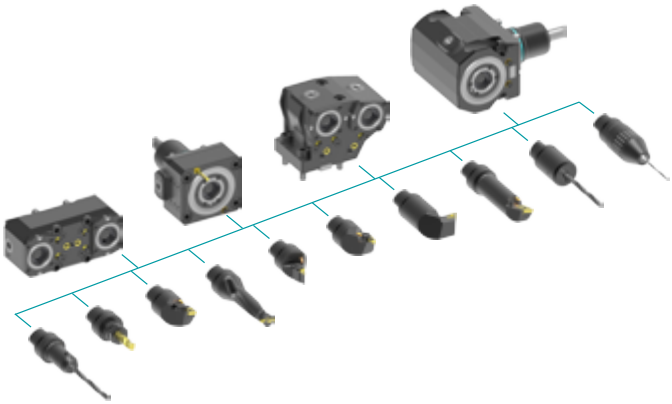

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