

Doosan
Puma 2100 BMT
55



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

Part-#

Name

8 010 55 038**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]:	3.050
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	Combi bearing

8 010 55 039**Axial drilling and milling head ER 25 AX UT**

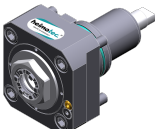
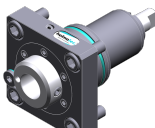
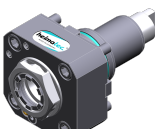
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	EXT
Pressure max [bar]:	140

8 010 55 051**Axial drilling and milling head Weldon 3/4"**

Weight [kg]:	3.390
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

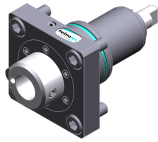
8 010 55 057**Axial drilling and milling head ER 25 AX UT IC**

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]:	12000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	100
Please note:	Dryrun possible

Part-#	Name	
8 010 55 080	Axial drilling and milling head C 3	
	Weight [kg]:	4.240
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
8 010 55 120	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.190
	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]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 010 56 035	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]:	25
	Please note:	stronger bearing
8 010 56 039	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	3.200
	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 56 047**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]:	25
Please note:	Combi bearing

8 010 56 089**Axial drilling and milling head ER 32 AX UT IC**

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

8 010 56 119**Axial drilling and milling head C 4 IC**

Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	heimatec Capto(TM) C 4
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	100
Please note:	Check applicability; tool length check !;

8 013 54 008**Axial drilling and milling head ER 16 AX UT**

Weight [kg]:	2.480
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

Part-#

Name

8 013 54 009**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]:	100

8 019 55 050**Axial drilling and milling head ER 25 AX UT**

Weight [kg]:	5.000
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]:	8000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	42

8 019 55 051**Axial drilling and milling head ER 25 AX UT**

Weight [kg]:	5.010
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 55 052**Axial drilling and milling head ER 25 AX UT**

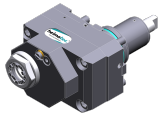
Weight [kg]:	5.020
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	16
Rotation max [1/min]:	18000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	42

Part-#

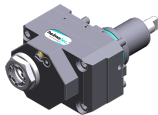
Name

8 019 55 053**Axial drilling and milling head ER 25 AX UT**

Weight [kg]:	4.980
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]:	16000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	42

8 019 55 054**Axial drilling and milling head ER 25 AX UT IC**

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 55 056**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]:	6.130
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 55 057**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]:	6.060
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]:	1:2
Torque max [Nm]:	25
Rotation max [1/min]:	16000

Part-#	Name
	Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 42
8 030 54 053	Radial drilling and milling head ER 16 AX UT IC
	Weight [kg]: 7.290 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:4 Torque max [Nm]: 5 Rotation max [1/min]: 24000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 70
8 030 55 058	Radial drilling and milling head C 3
	Weight [kg]: 7.560 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: heimatec Capto(TM) C 3 Gear ratio [i]: 1:1 Torque max [Nm]: 25 Rotation max [1/min]: 8000 Rotating direction: opposite Coolant: EXT Please note: Check applicability; note tool length! Center distance [mm]: 70
8 030 55 067	Radial drilling and milling head 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]: 1:3 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]: 80

Part-#

Name

8 030 55 102**Radial drilling and milling head ER 25 AX UT**

Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	EXT
Pressure max [bar]:	140
Center distance [mm]:	70

8 030 55 120**Radial drilling and milling head 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]:	12000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	70

8 030 55 175**Radial drilling and milling head ER 25 AX UT**

Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	EXT
Please note:	stronger bearing
Center distance [mm]:	60

8 030 55 176**Radial drilling and milling head ER 25 AX UT IC**

Weight [kg]:	6.500
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	stronger bearing

Part-#	Name	
	Center distance [mm]:	60
8 030 56 052	Radial drilling and milling head ER 32 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	70
8 030 56 056	Radial drilling and milling head ER 32 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 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	70
8 030 56 172	Radial drilling and milling head ER 32 AX UT IC	
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	70
8 030 56 187	Radial drilling and milling head C 4 IC	
	Weight [kg]:	10.440
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#

Name

Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Check applicability; note tool length!
 Center distance [mm]: 85

8 030 56 274

Radial drilling and milling head ER 32 AX UT

Weight [kg]: 6.720
 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: same
 Coolant: EXT
 Center distance [mm]: 70

8 037 54 024

Radial disk mill head arbor 16

Weight [kg]: 11.300
 Notation: 180° reversible
 Version: ± 20° 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: no
 Please note: strong version with stronger bearing; use
 Center distance [mm]: 83,5

8 037 54 025

Radial disk mill head arbor 16

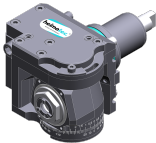
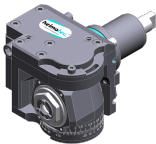
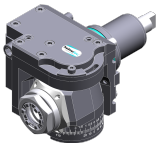
Version: 360° turnable
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 4000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability; note tool length;
 Center distance [mm]: 89

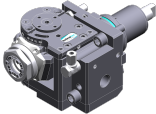
8 037 55 039

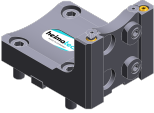
Radial disk mill head arbor 1"

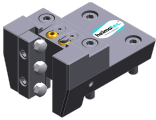
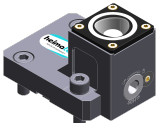
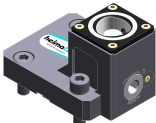
Weight [kg]: 10.220
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 1" (25,4mm)
 Gear ratio [i]: 2:1

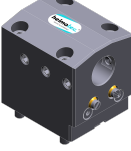
Part-#	Name
	Torque max [Nm]: 80 Rotation max [1/min]: 4000 Rotating direction: same Coolant: EXT Please note: Check applicability; note tool length; Center distance [mm]: 81
8 039 55 036	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 7.110 Notation: 180° reversible Employment for: Main- 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]: 6000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 70
8 039 55 051	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 7.000 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 Center distance [mm]: 60
8 039 56 022	Radial drilling and milling head ER 32 AX UT
	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]: 70

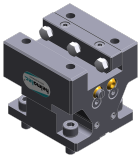
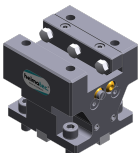
Part-#	Name	
8 039 56 035	Radial drilling and milling head ER 32 AX UT	
	Weight [kg]:	6.970
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle, special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	no
	Please note:	Operation only with air purge, no coolant
	Center distance [mm]:	70
8 043 54 006	Universal head +110°/-20° adj. ER16 AX UT	
	Weight [kg]:	5.940
	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:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 54 013	Universal head +110°/-20° adj. ER16 AX UT	
	Weight [kg]:	6.320
	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:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 55 005	Universal head +110°/-20° adj. ER25 AX UT	
	Weight [kg]:	6.170
	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

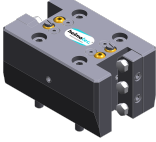
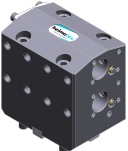
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 55 009	Universal head +110°/-20° adj. ER25AX UTIK	
	Weight [kg]:	6.320
	Notation:	offset, 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank 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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 55 027	Universal head +110°/-20° adj. ER25 AX UT	
	Weight [kg]:	6.180
	Notation:	offset, 180° reversible
	Version:	at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 053 54 030	Multispindle radial head ER 16 AXUT IC	
	Weight [kg]:	6.880
	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]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	70

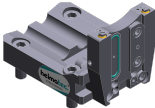
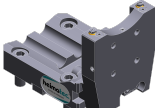
Part-#	Name	
8 200 02 003	Cover plate	
	Weight [kg]:	0.361
	Shank size [mm]:	55.00
	Shank type:	BMT
8 202 00 009	Basic holder longitudinal seat FN 12	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Interface FN 12
	Coolant:	IC/Ext
	Pressure max [bar]:	140
8 224 03 003	Cut-off holder SH 32	
	Weight [kg]:	1.810
	Notation:	180° reversible
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
8 224 04 002	Universal turning holder sq. 20	
	Weight [kg]:	3.460
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 224 04 062	Universal turning holder sq. 20 IC	
	Weight [kg]:	3.020
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 224 05 003	Universal turning holder sq. 25	
	Weight [kg]:	3.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT

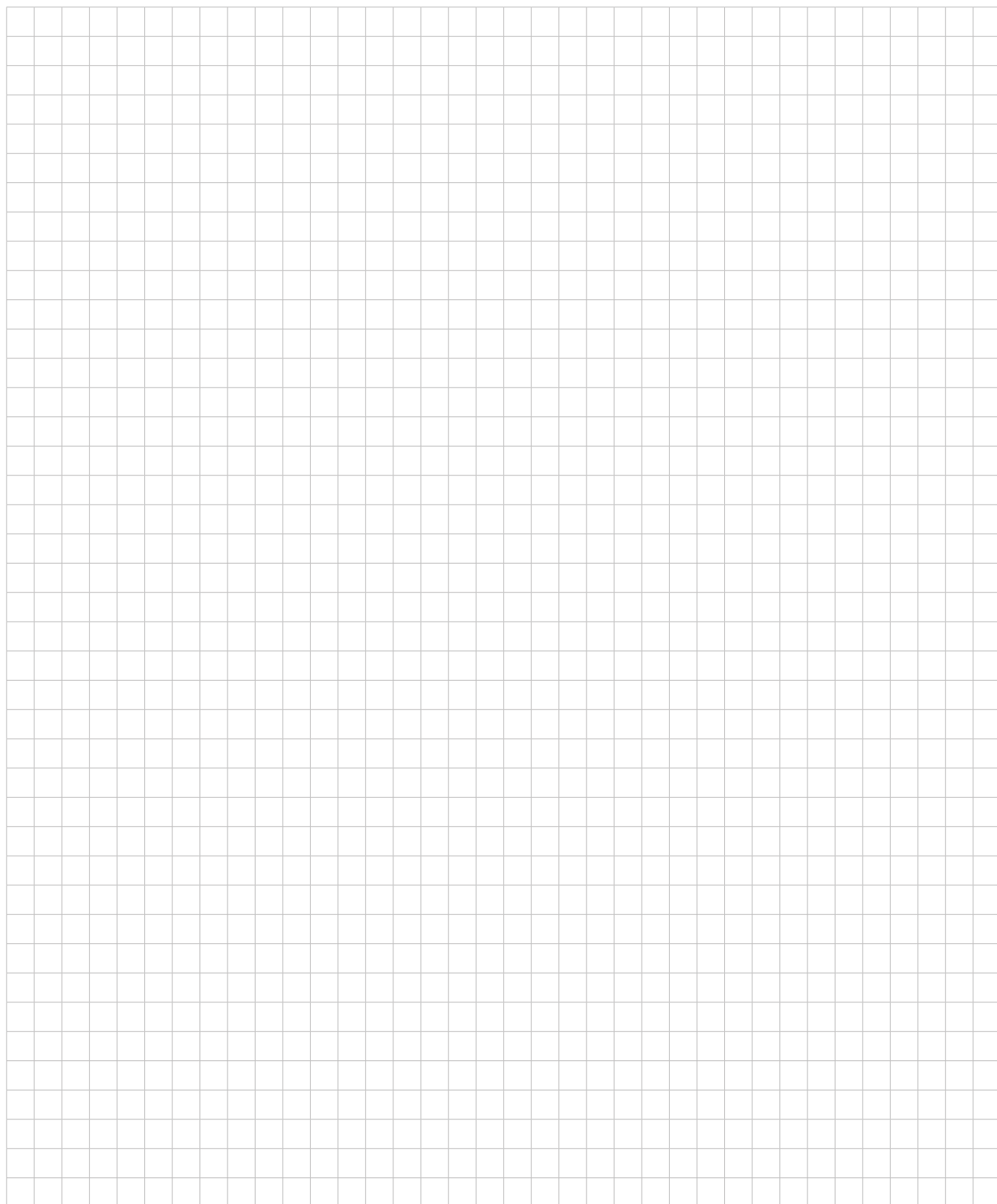
Part-#	Name	
8 224 05 005	Universal turning holder sq. 1"	
	Weight [kg]:	3.560
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 224 05 015	Universal turning holder sq. 25/20	
	Weight [kg]:	3.780
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	with spacer strip for sq. 20
8 224 05 023	Universal turning holder sq. 25/20	
	Weight [kg]:	3.150
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	with spacer strip for sq. 20
8 224 05 029	Universal turning holder sq. 25 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Key rail
8 229 06 004	Tool holder C 4 IC	
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Offset [mm]:	38
8 229 06 009	Tool holder C 4 IC	
	Notation:	180° reversible
	Version:	left
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Pressure max [bar]:	140

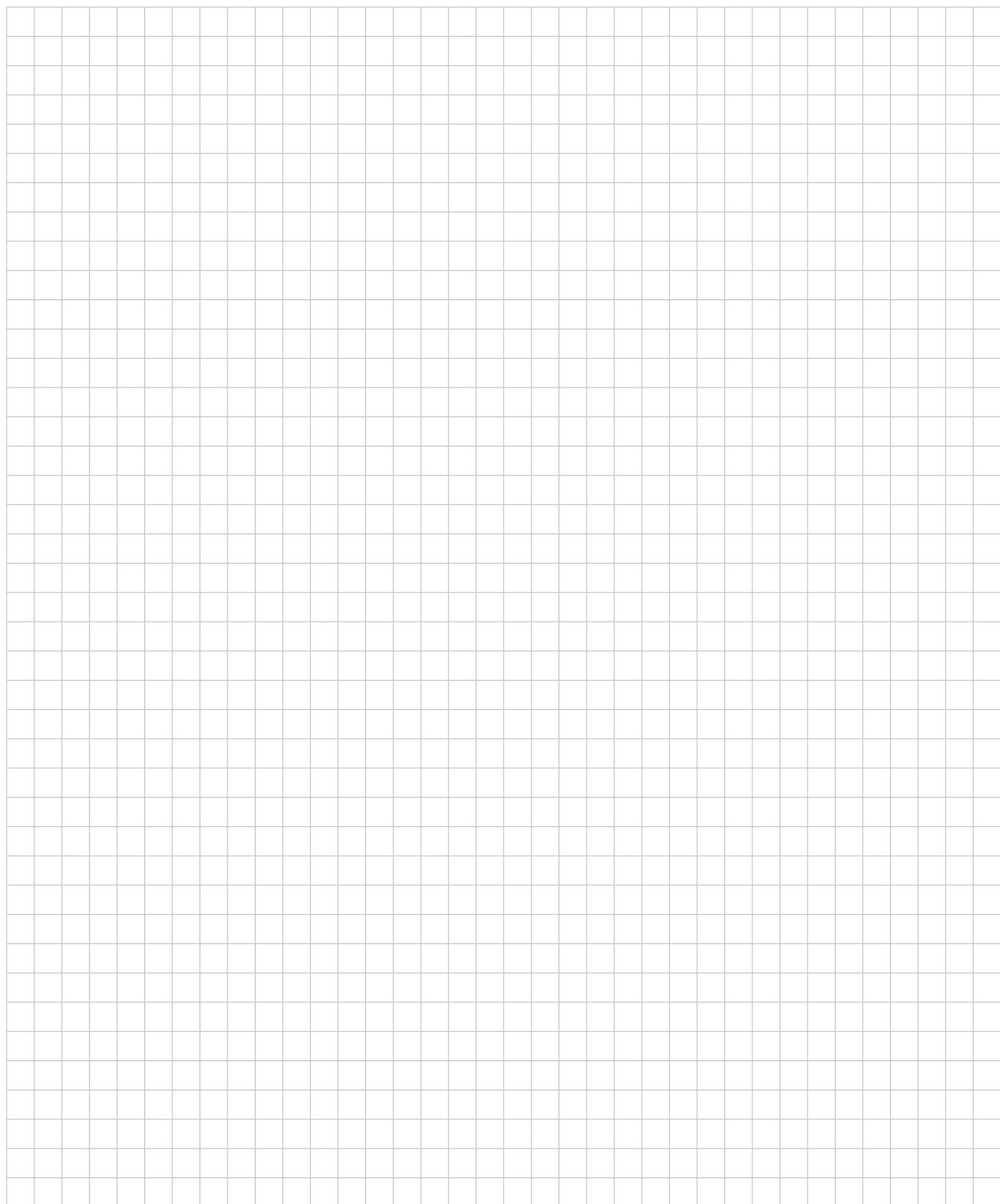
Part-#	Name	
	Please note: Offset [mm]:	Check applicability; note tool length! 38
8 240 06 061	Tool holder C 4 IC	
	Notation: Version: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Center distance [mm]:	180° reversible right BMT Centering key b 15 heimatec Capto(TM) C 4 IC 140 70
8 240 07 024	Boring bar holder Ø 1 1/4"	
	Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Center distance [mm]:	180° reversible BMT Centering key b 15 Ø 1 1/4" (31,75mm) IC/Ext 140 70
8 240 07 069	Boring bar holder Ø 25	
	Notation: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	180° reversible Main- and sub spindle BMT Centering key b 15 Ø 25 IC/Ext 70
8 240 08 002	Boring bar holder Ø 32	
	Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Center distance [mm]:	180° reversible BMT Centering key b 15 Ø 32 IC/Ext 140 70
8 240 08 009	Boring bar holder Ø 1 1/2"	
	Weight [kg]: Notation: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	5.470 180° reversible Main- and sub spindle BMT Centering key b 15 Ø 1 1/2" (38,1mm) IC/Ext 70

Part-#	Name	
8 240 08 061	Boring bar holder Ø 32	
	Weight [kg]:	6.490
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	80
8 240 09 009	Boring bar holder Ø 40	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	70
8 244 05 003	Combi facing holder sq. 25	
	Weight [kg]:	5.340
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
8 244 05 006	Combi facing holder sq. 1"	
	Weight [kg]:	5.310
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 251 03 003	Combi multiple holder sq. 3/4"	
	Weight [kg]:	7.130
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 3/4" (19,05)
		Sq. 3/4" (19,05)
		Sq. 3/4" (19,05)
		Sq. 3/4" (19,05)
	Coolant:	EXT

Part-#	Name	
8 251 05 001	Combi double turning holder sq. 25	
	Weight [kg]:	7.700
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
8 253 07 011	Double boring bar holder Ø 25	
	Weight [kg]:	6.770
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Check applicability; note tool length
	Center distance [mm]:	52/97
8 253 07 031	Double boring bar holder Ø 1"	
	Weight [kg]:	7.620
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	52/97
8 253 07 047	Double boring bar holder Ø 25	
	Weight [kg]:	6.940
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	44/87
8 253 08 002	Double boring bar holder Ø 32	
	Weight [kg]:	6.340
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
		Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	44/87

Part-#	Name	
8 259 04 007	Multiple turning holder sq. 20	
	Weight [kg]:	8.180
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
8 320 02 014	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.660
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 03 008	Cut-off holder, height adjustable SH 32 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140
8 320 03 025	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.910
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 09 001	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.730
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70





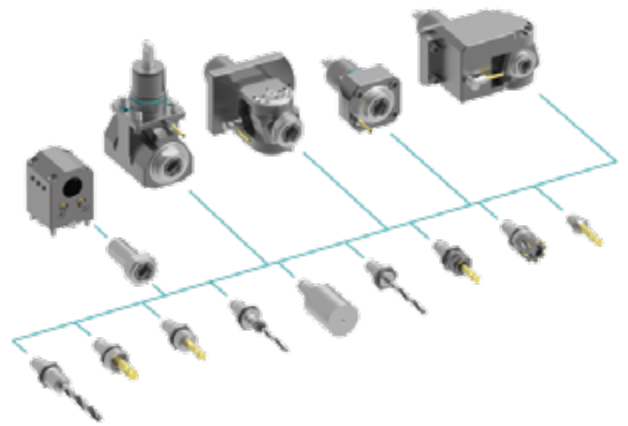
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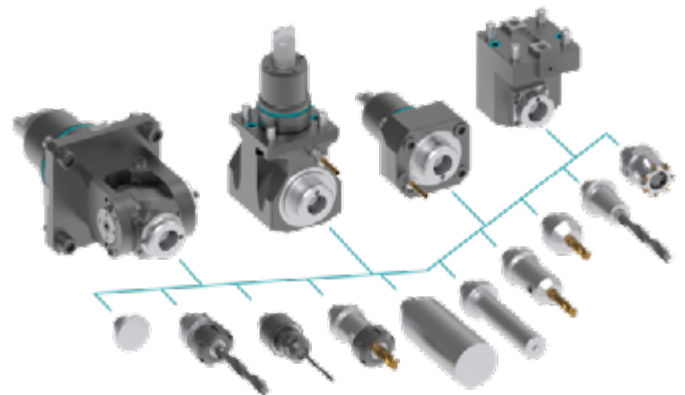
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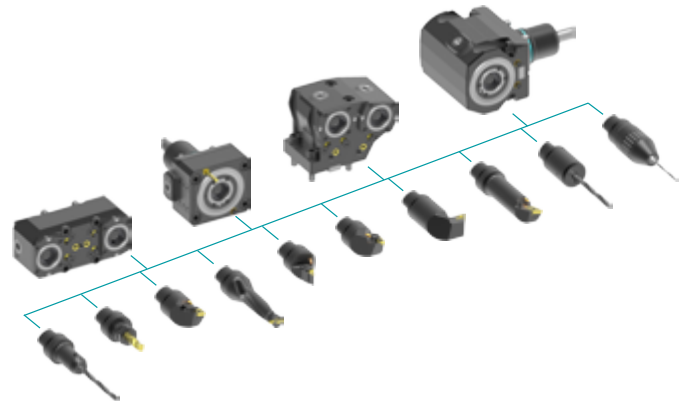
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