

Doosan

Puma TT 1500
MS/SY - 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

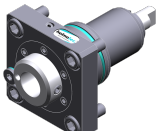
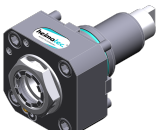
Digital tool management

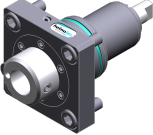
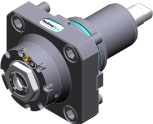
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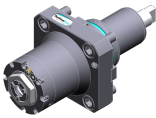
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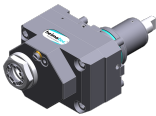
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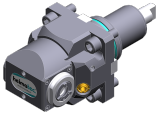
Part-#	Name	
8 010 55 038	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	3.050
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	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 54 079	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	4.200
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	70
8 030 55 093	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]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 55 143	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]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 55 156	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	6.820
	Notation:	180° reversible
	Version:	Special
	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]:	1:2
Torque max [Nm]:	16
Rotation max [1/min]:	12000
Rotating direction:	same
Coolant:	IC
Pressure max [bar]:	140
Please note:	stronger bearing
Center distance [mm]:	85

8 030 55 184

Radial drilling and milling head ER 25 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 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]:	85

8 030 55 255

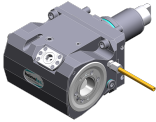
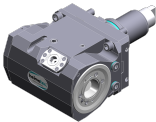
Radial drilling and milling head ER 25 AX UT

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]:	85

8 030 55 256

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]:	85

Part-#	Name	
8 030 56 173	Radial drilling and milling head ER 32 AX UT	
	Notation: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Please note: Center distance [mm]:	180° reversible Flat (~DIN 1809) 55.00 BMT ER 32 A - u-tec 2:1 63 6000 opposite EXT Combi bearing 85
8 030 56 186	Radial drilling and milling head C 4	
	Weight [kg]: Notation: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Please note: Center distance [mm]:	10.200 180° reversible Flat (~DIN 1809) 55.00 BMT heimatec Capto(TM) C 4 1:1 40 6000 opposite EXT Check applicability; note tool length! 85
8 030 56 187	Radial drilling and milling head C 4 IC	
	Weight [kg]: Notation: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction: Coolant: Pressure max [bar]: Please note: Center distance [mm]:	10.440 180° reversible Flat (~DIN 1809) 55.00 BMT heimatec Capto(TM) C 4 1:1 40 6000 opposite IC/Ext 140 Check applicability; note tool length! 85
8 030 56 246	Radial drilling and milling head ER 32 AX UT IC	
	Weight [kg]: Notation: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: Rotating direction:	7.660 180° reversible Flat (~DIN 1809) 55.00 BMT ER 32 A - u-tec 1:1 50 12000 same

Part-#

Name

Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 85

8 030 56 247

Radial drilling and milling head ER 32 AX UT

Weight [kg]: 7.550
 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]: 85

8 031 55 022

Radial milling head universal arbor 22

Weight [kg]: 8.100
 Notation: 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]: 63
 Rotation max [1/min]: 3000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Combi bearing
 Center distance [mm]: 85

8 037 54 024

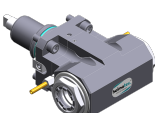
Radial disk mill head arbor 16

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

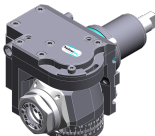
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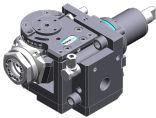
Radial disk mill head arbor 16

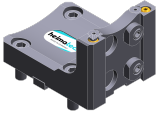
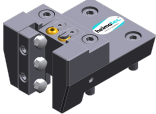
Version: 360° turnable
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 55.00
 Shank type: BMT
 Tool adaption: Arbor 16
 Gear ratio [i]: 1:1

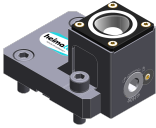
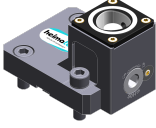
Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; note tool length;
	Center distance [mm]:	89
8 037 55 039	Radial disk mill head arbor 1"	
	Weight [kg]:	10.220
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Arbor 1" (25,4mm)
	Gear ratio [i]:	2:1
	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 55 026	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	7.000
	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]:	85
8 039 56 029	Radial drilling and milling head ER 32 AX UT	
	Weight [kg]:	6.840
	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]:	85

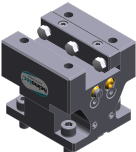
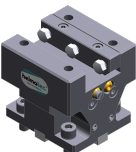
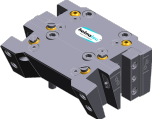
Part-#	Name	
8 039 56 045	Radial drilling and milling head ER 32 AX UT	
	Weight [kg]:	8.600
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 040 54 023	Universal head ± 90° adjustable ER 16 AX UT IC	
	Weight [kg]:	5.770
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	90
8 040 55 022	Universal head ± 90° adjustable ER 25 AX UT	
	Weight [kg]:	5.930
	Notation:	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]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	90
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

Part-#	Name	
	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
	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

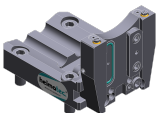
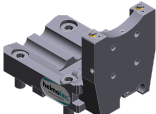
Part-#	Name	
8 043 55 027	Universal head +110°/-20° adj. ER25 AX UT	
	Weight [kg]:	6.180
	Notation:	offset, 180° reversible
	Version:	at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 053 54 021	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	8.510
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	85
8 053 54 029	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	8.440
	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:	EXT
	Center distance [mm]:	85
8 200 02 003	Cover plate	
	Weight [kg]:	0.361
	Shank size [mm]:	55.00
	Shank type:	BMT

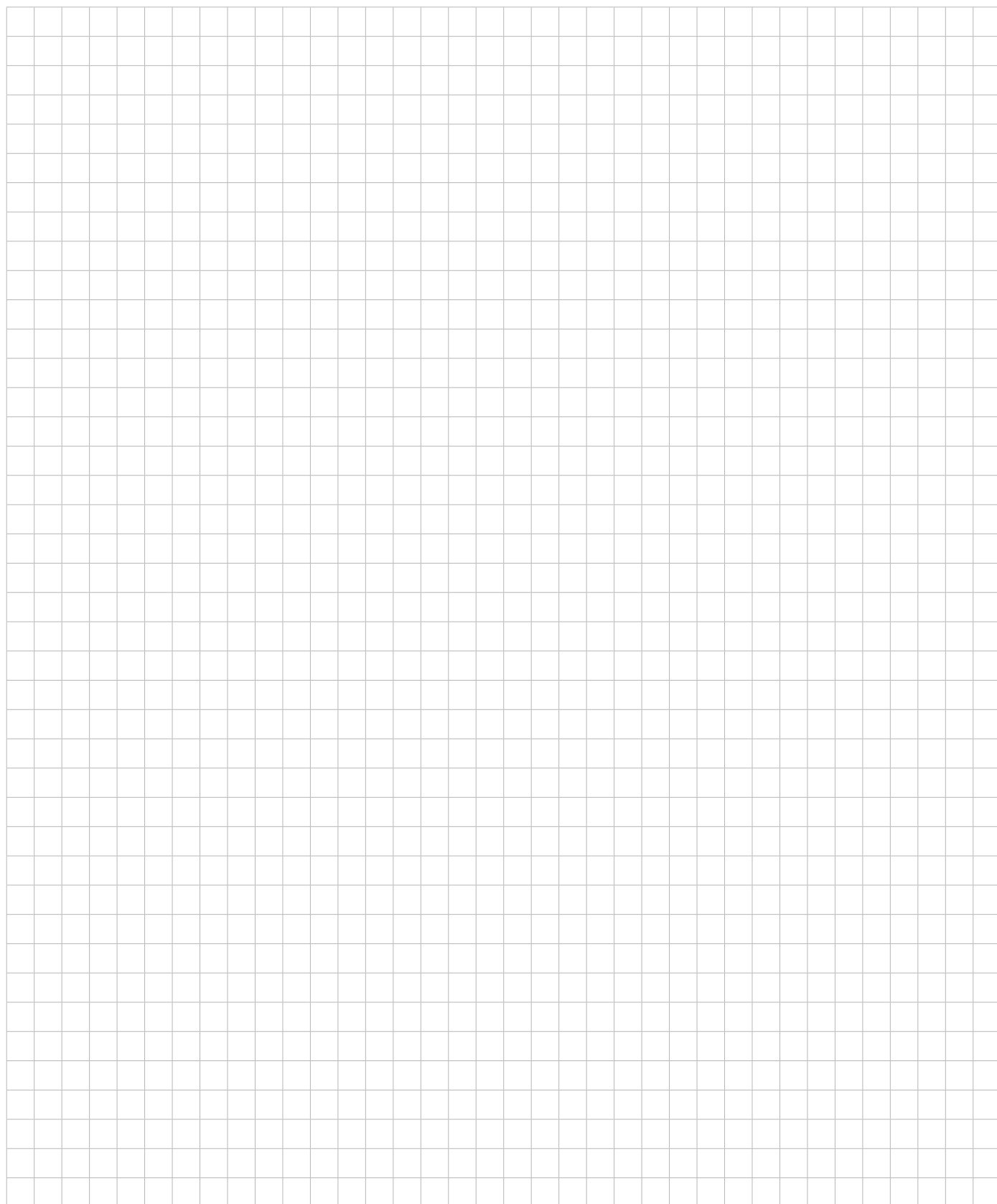
Part-#	Name	
8 202 00 009	Basic holder longitudinal seat FN 12	
	Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]:	180° reversible BMT Centering key b 15 Interface FN 12 IC/Ext 140
8 224 03 003	Cut-off holder SH 32	
	Weight [kg]: Notation: Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant:	1.810 180° reversible Cut-off tool 32 Clampshaft on turret side BMT Centering key b 15 Clampshaft SH 32 EXT
8 224 04 002	Universal turning holder sq. 20	
	Weight [kg]: Shank type: Machine adaption: Tool adaption: Coolant:	3.460 BMT Centering key b 15 Sq. 20 EXT
8 224 04 062	Universal turning holder sq. 20 IC	
	Weight [kg]: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	3.020 BMT Centering key b 15 Sq. 20 Sq. 20 IC/Ext 100 Key rail
8 224 05 005	Universal turning holder sq. 1"	
	Weight [kg]: Shank type: Machine adaption: Tool adaption: Coolant:	3.560 BMT Centering key b 15 Sq. 1" (25,4mm) EXT
8 224 05 015	Universal turning holder sq. 25/20	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	3.780 180° reversible BMT Centering key b 15 Sq. 25/20 EXT 80 with spacer strip for sq. 20

Part-#	Name	
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
8 229 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
	Please note:	Check applicability; note tool length!
	Offset [mm]:	38
8 240 07 043	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	7.540
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	95
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

Part-#	Name	
8 240 09 039	Boring bar holder Ø 40	
	Weight [kg]:	7.050
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 15
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	95
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 04 022	Combi multiple holder 6x sq. 20 IC	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
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

Part-#	Name	
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 07 024	Multiple boring bar holder 3x Ø 1"	
	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
	Pressure max [bar]:	100
	Center distance [mm]:	65/100
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
8 259 07 002	Multiple boring bar holder Ø 25	
	Weight [kg]:	7.980
	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]:	100
	Center distance [mm]:	100
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

Part-#	Name	
8 320 03 008	Cut-off holder, height adjustable SH 32 IC	
	Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]:	180° reversible BMT Centering key b 15 Clampschaft SH 32 IC/Ext 140
8 320 03 025	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	1.910 180° reversible BMT Centering key b 15 Clampschaft SH 32 IC/Ext 70 Clampschaft internal
8 320 09 001	Cut-off holder, height adjustable 845 IC	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]:	1.730 180° reversible BMT Centering key b 15  System 845 IC 70



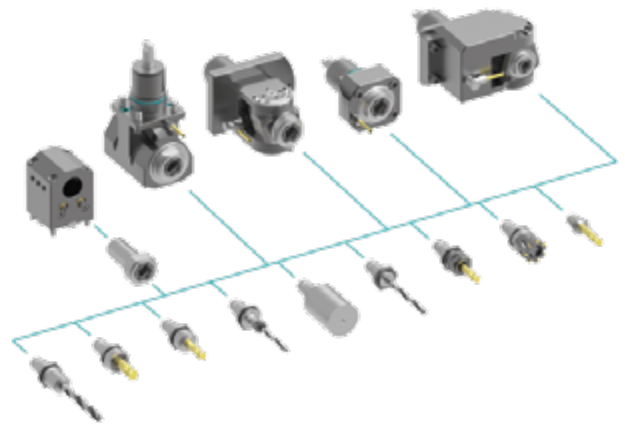
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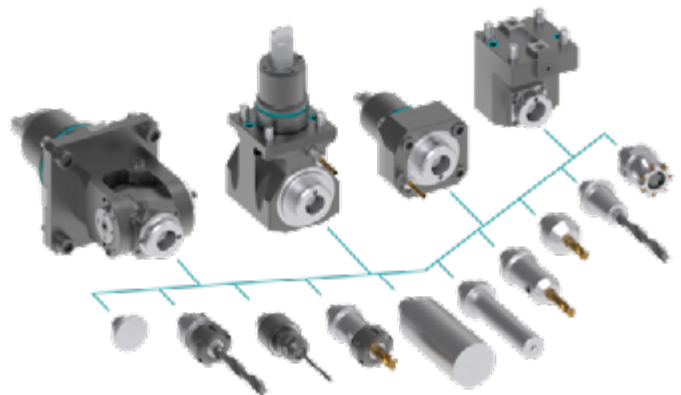
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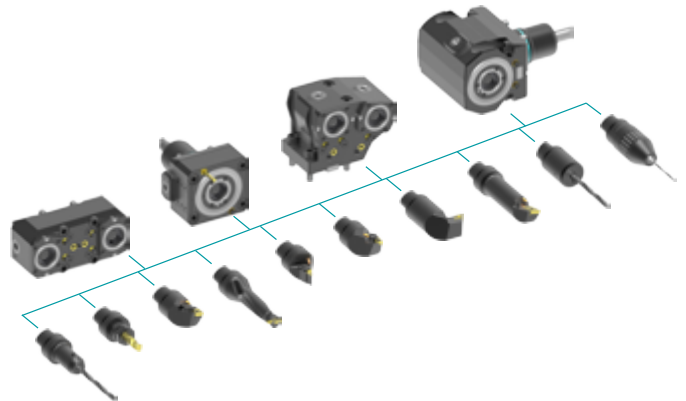
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