

SPINNER
TC 610 /-L



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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SPINNER TC 610 /-L

Part-#	Name	
8 010 45 135	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.710
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	EXT
8 010 45 138	Axial drilling and milling head C 3 IC	
	Weight [kg]:	3.080
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Check applicability; tool length check!
8 010 45 182	Axial drilling and milling head C 3	
	Weight [kg]:	2.880
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check!
8 010 45 213	Axial drilling and milling head ER 25 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible

SPINNER

TC 610 /-L

Part-#	Name	
8 010 46 230	Axial drilling and milling head HT 4	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 010 46 231	Axial drilling and milling head HT 4 IC	
	Weight [kg]:	2.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 010 47 136	Axial drilling and milling head HT 5 IC	
	Weight [kg]:	2.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
8 011 45 034	Axial milling head universal arbor 22	
	Weight [kg]:	1.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing

SPINNER

TC 610 /-L

Part-#	Name	
8 013 44 014	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	2.300
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
8 013 44 015	Axial drilling and milling head ER 16 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
8 019 45 147	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	4.400
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	42
8 019 45 148	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	5.300
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	42

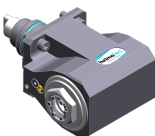
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TC 610 /-L

Part-#	Name	
8 019 45 149	Axial drilling and milling head ER 25 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: Offset [mm]:	offset; 180° reversible Flat (~DIN 1809) 45.00 BMT ER 25 A - u-tec 1:3 16 18000 opposite EXT stronger bearing 42
8 019 45 150	Axial drilling and milling head ER 25 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: Coolant: Pressure max [bar]: Please note: Offset [mm]:	5.480 offset; 180° reversible Flat (~DIN 1809) 45.00 BMT ER 25 A - u-tec 1:3 16 18000 opposite IC/Ext 140 stronger bearing 42
8 019 45 152	Axial drilling and milling head ER 25 AX UT IC	
	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: Offset [mm]:	offset; 180° reversible Flat (~DIN 1809) 45.00 BMT ER 25 A - u-tec 2:1 50 3000 opposite IC/Ext 140 stronger bearing 42
8 019 45 191	Axial drilling and milling head ER 25 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:	offset; 180° reversible Flat (~DIN 1809) 45.00 BMT ER 25 A - u-tec 2:1 50 3000 opposite EXT stronger bearing

SPINNER

TC 610 /-L

Part-#	Name	
	Offset [mm]:	42
8 030 44 092	Radial drilling and milling head ER 16 AX UT	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	EXT
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 45 262	Angle-mill- and drill holder ER 25 AX UT	
	Weight [kg]:	6.300
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 45 263	Angle-mill- and drill holder ER 25 AX UT IC	
	Weight [kg]:	6.700
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 45 266	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	5.940
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000

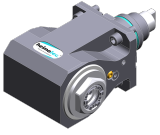
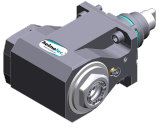
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TC 610 /-L

Part-#	Name
	Rotating direction: same Coolant: EXT Please note: stronger bearing Center distance [mm]: 85
8 030 45 267	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 6.190 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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]: 85
8 030 45 268	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 5.990 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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 45 269	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 6.100 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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

SPINNER

TC 610 /-L

Part-#	Name	
8 030 45 274	Radial drilling and milling head C 3 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	85
8 030 45 570	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.010
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 45 571	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	6.400
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 46 413	Angle-mill- and drill holder HT 4	
	Weight [kg]:	6.400
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing

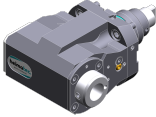
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TC 610 /-L

Part-#	Name	
	Center distance [mm]:	85
8 030 46 414	Angle-mill- and drill holder HT 4 IC	
	Weight [kg]:	6.900
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 46 415	Radial drilling and milling head HT 4	
	Weight [kg]:	5.810
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 46 416	Radial drilling and milling head HT 4 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 030 46 418	Radial drilling and milling head HT 4 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000

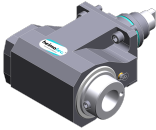
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TC 610 /-L

Part-#	Name	
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 46 419	Radial drilling and milling head HT 4	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 46 420	Radial drilling and milling head HT 4 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 46 560	Radial drilling and milling head HT 4	
	Weight [kg]:	6.120
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 46 565	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	6.520
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1

SPINNER

TC 610 /-L

Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 47 168	Angle-mill- and drill holder HT 5 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 031 44 040	Radial milling head universal arbor 16	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 031 45 049	Radial milling head universal arbor 22	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 033 45 048	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	8.360
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT

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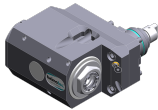
TC 610 /-L

Part-#	Name
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Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	85

8 033 45 049

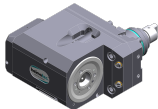
Radial drilling and milling head ER 25 AX UT IC



Weight [kg]:	8.790
Notation:	offset
Employment for:	Sub spindle
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
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]:	140
Please note:	Combi bearing
Center distance [mm]:	85

8 033 45 050

Radial drilling and milling head C 3 IC

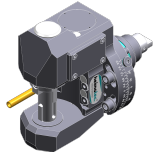


Notation:	offset
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	heimatec Capto(TM) C 3
Gear ratio [i]:	1:1
Torque max [Nm]:	32
Rotation max [1/min]:	8000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	Check applicability; note tool length!
Center distance [mm]:	85

8 033 46 149

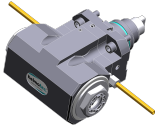
Radial drilling and milling head HT 4

Weight [kg]:	8.500
Notation:	offset
Employment for:	Sub spindle
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	HT 4
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	85

Part-#	Name	
8 033 46 150	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	8.750
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 034 44 000	Radial milling head screw-in milling cutter IC	
	Weight [kg]:	8.730
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Screw-in milling cutter M 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	85
8 037 44 022	Radial disk mill head arbor 16	
	Weight [kg]:	4.520
	Notation:	180° reversible
	Version:	± 23° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	78
8 037 45 051	Radial disk mill head arbor 22	
	Version:	± 12,5° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

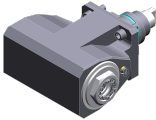
SPINNER

TC 610 /-L

Part-#	Name	
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability!
	Center distance [mm]:	90
8 039 44 085	Radial milling head screw-in milling cutter	
	Weight [kg]:	6.470
	Notation:	84° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Screw-in milling cutter M 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing; innenliegender nut;
	Center distance [mm]:	70
8 039 45 089	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.000
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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 45 090	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	8.870
	Notation:	offset
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85

SPINNER

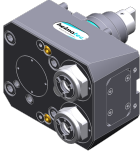
TC 610 /-L

Part-#	Name
8 039 45 104 	Radial drilling and milling head ER 25 AX UT IC Employment for: Main- and sub spindle Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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: IC/Ext Pressure max [bar]: 25 Please note: Check applicability; note tool length! Center distance [mm]: 85
8 039 45 128 	Radial drilling and milling head C 3 Weight [kg]: 8.930 Notation: 180° reversible Employment for: Main- and sub spindle Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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: same/opposite Coolant: EXT Please note: Check applicability; note tool length! Center distance [mm]: 85
8 039 46 063 	Radial drilling and milling head HT 4 Employment for: Main- and sub spindle Version: double spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: HT 4 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 12000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 85
8 043 44 032 	Universal head +135°/-30° adj. ER16 AX UT Weight [kg]: 8.710 Notation: offset; 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 25

SPINNER

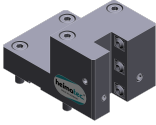
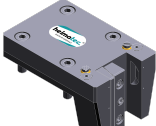
TC 610 /-L

Part-#	Name	
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
	Offset [mm]:	60
8 043 44 033	Universal head +135°/-30° adj. ER16AX UTIK	
	Weight [kg]:	8.720
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	69
	Offset [mm]:	60
8 043 44 034	Universal head +135°/-30° adj. ER16 AX UT	
	Weight [kg]:	8.580
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	69
	Offset [mm]:	60
8 043 44 035	Universal head +135°/-30° adj. ER16AX UTIK	
	Weight [kg]:	8.670
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	69
	Offset [mm]:	60

Part-#	Name	
8 050 44 031	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	4.975
	Notation:	offset
	Employment for:	Main spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Offset [mm]:	58
8 053 44 028	Multispindle radial head ER16 AX UT IC	
	Weight [kg]:	5.636
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	85
8 200 99 000	Cover plate 75,0x 75,0x 5,0	
	Weight [kg]:	0.480
	Shank size [mm]:	45.00
	Shank type:	BMT
8 202 00 011	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.700
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	15
8 209 02 003	Adapter for VDI 30	
	Weight [kg]:	4.050
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	85

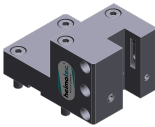
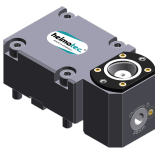
SPINNER

TC 610 /-L

Part-#	Name	
8 224 01 018	Turning holder sq. 20 IC	
	Weight [kg]:	2.600
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
	Coolant:	IC
8 224 02 009	Turning holder sq. 25 IC	
	Weight [kg]:	2.820
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	IC
8 224 03 015	Universal turning holder sq. 3/4" IC	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 224 04 023	Universal turning holder sq. 3/4"	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 224 04 061	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.610
	Notation:	180° reversible
	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 04 063	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.050
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100

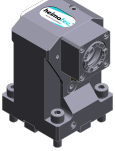
SPINNER

TC 610 /-L

Part-#	Name	
	Please note:	Check applicability! key rail
8 224 05 011	Universal turning holder sq. 25	
	Weight [kg]:	3.050
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 224 05 030	Universal turning holder sq. 25 IC	
	Weight [kg]:	3.030
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 225 01 002	Turning holder sq. 20 IC	
	Weight [kg]:	2.600
	Notation:	180° reversible
	Employment for:	left cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
	Coolant:	IC
8 225 02 000	Turning holder sq. 25 IC	
	Weight [kg]:	2.800
	Notation:	180° reversible
	Employment for:	left cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	IC
8 229 05 007	Tool holder C 3 IC	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	64
8 240 05 006	Collet chuck holder ER 25	
	Weight [kg]:	3.090
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 25
	Coolant:	IC/Ext

SPINNER

TC 610 /-L

Part-#	Name	
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 240 05 038	Collet chuck holder ER 25 AX UT	
	Weight [kg]:	3.090
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 05 058	Tool holder ABS 50 IC/Ext	
	Weight [kg]:	4.340
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ABS 50
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 05 064	Boring bar holder Ø 16	
	Weight [kg]:	4.154
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 06 013	Collet chuck holder ER 32	
	Weight [kg]:	3.220
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 240 06 014	Tool holder HT 4 IC	
	Weight [kg]:	3.070
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 06 048	Tool holder C 4 IC	
	Weight [kg]:	4.640
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	heimatec Capto(TM) C 4

SPINNER

TC 610 /-L

Part-#	Name	
	Coolant:	IC
	Center distance [mm]:	85
8 240 06 055	Boring bar holder Ø 20	
	Weight [kg]:	4.180
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 07 015	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	3.750
	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]:	85
8 240 07 018	Boring bar holder Ø 25	
	Weight [kg]:	4.000
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 07 019	Boring bar holder Ø 1"	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 07 042	Tool holder HT 5 IC	
	Weight [kg]:	3.100
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 08 021	Boring bar holder Ø 32	
	Weight [kg]:	3.780
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85

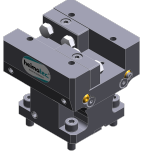
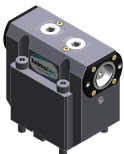
SPINNER

TC 610 /-L

Part-#	Name	
8 240 08 022	Boring bar holder Ø 1 1/2"	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 08 047	Boring bar holder Ø 32	
	Weight [kg]:	4.020
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 240 08 057	Boring bar holder Ø 32	
	Weight [kg]:	3.890
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 240 09 017	Boring bar holder Ø 40	
	Weight [kg]:	3.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 240 09 059	Boring bar holder Ø 50	
	Weight [kg]:	3.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 50
	Coolant:	EXT
	Center distance [mm]:	65
8 244 04 000	Combi facing holder sq. 20	
	Weight [kg]:	3.930
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80

SPINNER

TC 610 /-L

Part-#	Name	
8 244 04 007	Combi facing holder sq. 3/4"	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 244 04 029	Combi facing holder sq. 20 IC	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
8 244 05 009	Combi facing holder sq. 25	
	Weight [kg]:	4.320
	Employment for:	Main- and sub spindle
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 249 05 000	Double collet chuck holder ER 25	
	Weight [kg]:	3.370
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 25
		ER 25
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 249 05 007	Double collet chuck holder ER 25 AX UT	
	Weight [kg]:	3.370
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 25 A - u-tec
		ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 249 05 009	Double tool holder C 3 IC	
	Weight [kg]:	5.050
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	heimatec Capto(TM) C 3
		heimatec Capto(TM) C 3
	Coolant:	IC

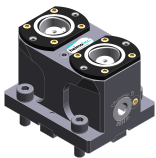
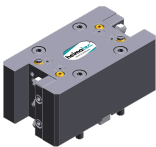
SPINNER

TC 610 /-L

Part-#	Name	
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	85
8 249 06 002	Double collet chuck holder ER 32	
	Weight [kg]:	3.590
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	ER 32
		ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	85
8 249 06 003	Double tool holder HT 4	
	Weight [kg]:	3.300
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	HT 4
		HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 249 07 001	Double boring bar holder Ø 1 1/4"	
	Weight [kg]:	3.730
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 249 07 004	Double boring bar holder Ø 25	
	Weight [kg]:	3.690
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 249 08 004	Double boring bar holder Ø 32	
	Weight [kg]:	3.540
	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]:	85

SPINNER

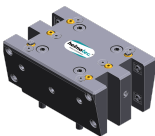
TC 610 /-L

Part-#	Name	
8 250 05 004	Multiple tool holder C 3 IC	
	Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	2.100 Main- and sub spindle right BMT Centering key b 15 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 IC Check applicability; note tool length! 27 27
8 251 04 016	Combi double turning holder sq. 20	
	Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: Coolant:	4.980 Main- and sub spindle BMT Centering key b 15 Sq. 20 Sq. 20 Sq. 20 Sq. 20 EXT
8 251 04 017	Combi double turning holder sq. 3/4"	
	Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: Coolant:	5.160 Main- and sub spindle BMT Centering key b 15 Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) EXT
8 251 04 050	Combi double turning holder sq. 20 IC	
	Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Pressure max [bar]: Please note:	5.100 Main- and sub spindle BMT Centering key b 15 Sq. 20 Sq. 20 Sq. 20 Sq. 20 IC/Ext 100 Key rail
8 253 05 000	Multiple boring bar holder Ø 3/4"	
	Weight [kg]: Notation: Shank type: Machine adaption: Tool adaption: Coolant:	3.320 180° reversible BMT Centering key b 15 Ø 3/4" (19,05mm) Ø 3/4" (19,05mm) IC/Ext

SPINNER

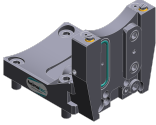
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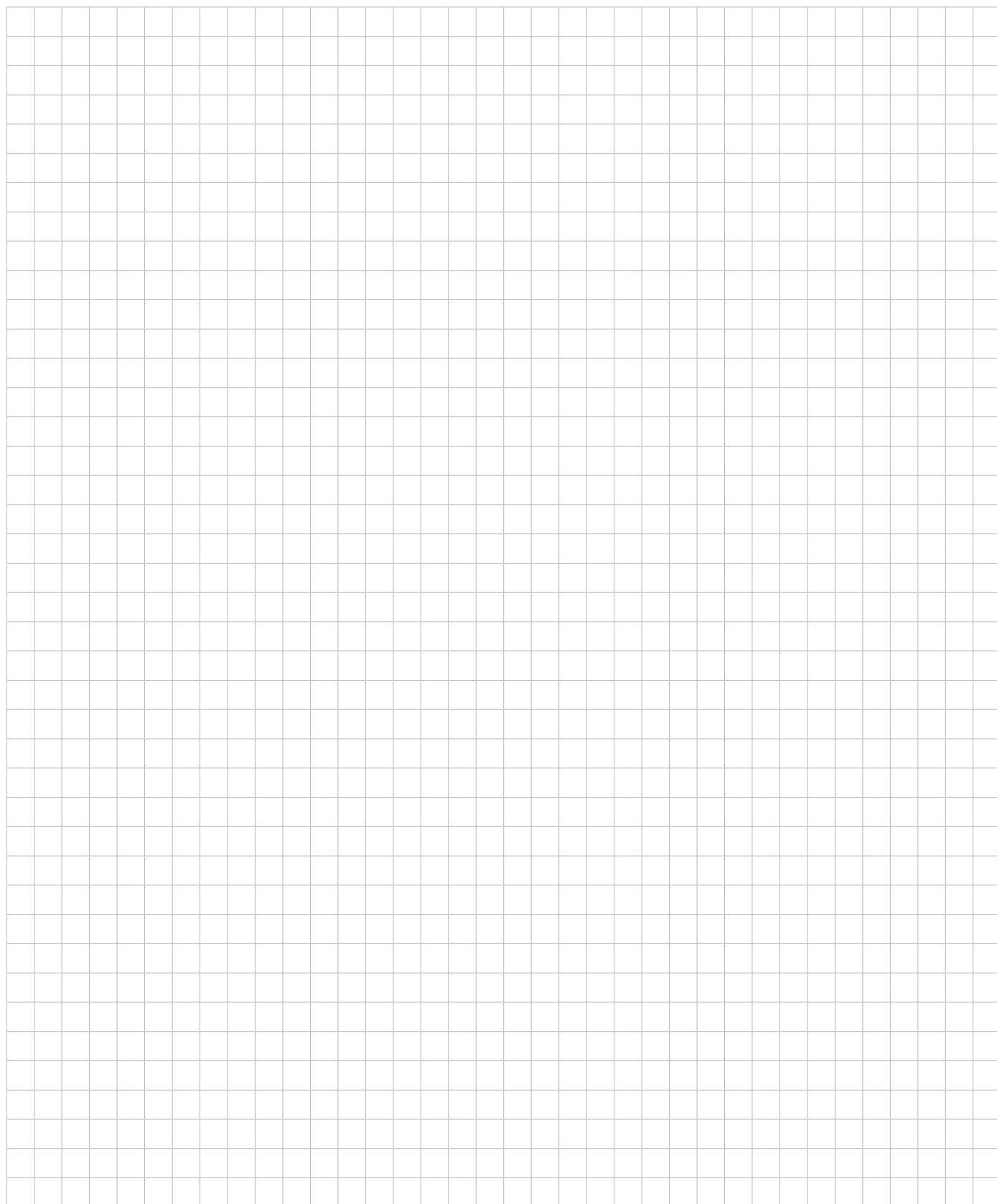
Part-#	Name	
	Center distance [mm]:	55/90
8 253 05 002	Double boring bar holder Ø 3/4"	
	Weight [kg]:	3.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 3/4" (19,05mm) Ø 3/4" (19,05mm)
	Coolant:	IC/Ext
	Center distance [mm]:	65/90
8 253 06 004	Double boring bar holder Ø 20	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 20 Ø 20
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	65/90
8 253 07 012	Double boring bar holder Ø 25	
	Weight [kg]:	3.150
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25 Ø 25
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	55/90
8 253 07 013	Double boring bar holder Ø 1"	
	Weight [kg]:	3.070
	Notation:	180° reversible
	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]:	55/90
8 253 07 034	Multiple boring bar holder Ø 25	
	Weight [kg]:	2.330
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 25 Ø 25
	Coolant:	IC/Ext
	Please note:	Use necessarily check; note tool length
	Center distance [mm]:	55/100

Part-#	Name	
8 253 08 010	Multiple boring bar holder Ø 32	
	Weight [kg]:	3.500
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Ø 32
		Ø 32
	Coolant:	IC/Ext
	Please note:	Use prüfen; note tool length!
	Center distance [mm]:	65/100
8 259 01 015	Multiple turning holder 4x sq. 20	
	Weight [kg]:	5.320
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 01 016	Multiple turning holder 4x sq. 20 IC	
	Weight [kg]:	5.300
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	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
8 320 02 012	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.270
	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 02 013	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal

SPINNER

TC 610 /-L

Part-#	Name	
8 320 03 011	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.330
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 03 018	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.480
	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 03 023	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.590
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	with offset cut-off tool holder; use
8 320 03 051	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.230
	Notation:	180° reversible
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key b 15
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 710 94 005	Mounting device BMT 45 Spinner	
	Weight [kg]:	10.040
	Tool adaption:	BMT 45



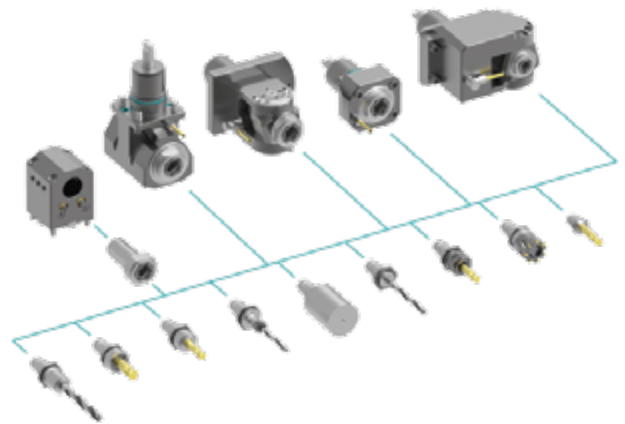
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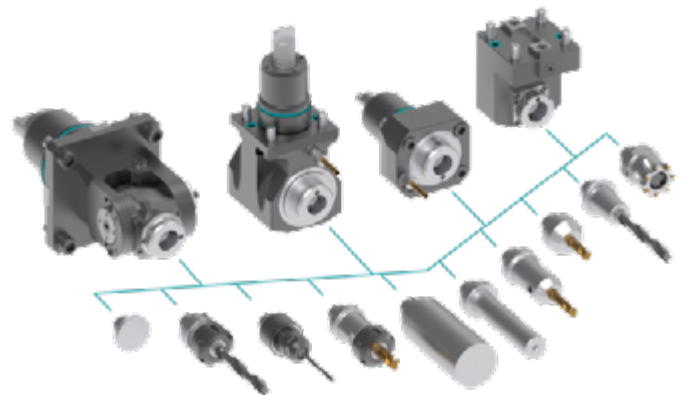
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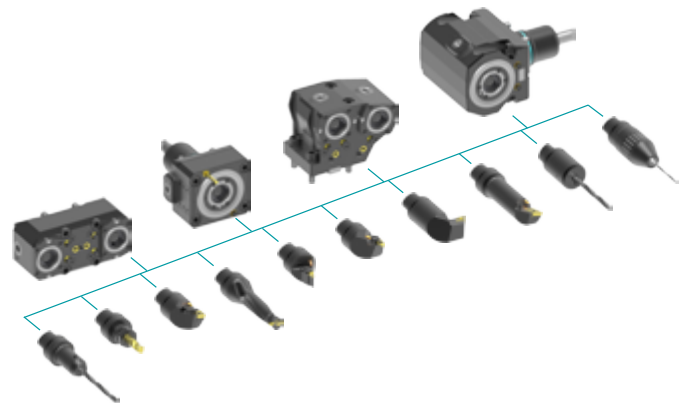
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