

Mazak

SQT 18

M/MS/MY/MSY



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

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

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

***OUR PRODCUTS**

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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Part-#	Name
8 010 45 009	Axial drilling and milling head ER 25
	Weight [kg]: 3.920
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
8 010 46 044	Axial drilling and milling head ER 32 IC
	Weight [kg]: 3.980
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 25
8 010 46 239	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 4.030
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 25
8 011 44 003	Axial milling head universal arbor 3/4"
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Universal arbor 3/4" (19,05mm)
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
8 011 44 015	Axial milling head universal arbor 16
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Universal arbor 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
8 018 45 000	Axial drilling and milling head ER 25	
	Weight [kg]:	6.500
	Notation:	Y-axes adjustable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 42 000	Axial drilling and milling head Weldon 6	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 43 001	Axial drilling and milling head Weldon 8	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 44 000	Axial milling head universal arbor 16	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

Part-#	Name	
8 019 44 006	Axial drilling and milling head Weldon 10	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 45 015	Axial milling head universal arbor 22	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 45 036	Axial milling head universal arbor 22	
	Weight [kg]:	6.010
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
8 019 45 040	Axial milling head universal arbor 22	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50

Part-#	Name
8 019 45 049	Axial milling head universal arbor 22
	Notation: offset
	Version: Special
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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: stronger bearing (extended version)
	Offset [mm]: 50
8 019 45 070	Axial drilling and milling head Weldon 16 IC
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Offset [mm]: 50
8 019 45 108	Axial drilling and milling head ER 25 AX UT
	Weight [kg]: 5.450
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Offset [mm]: 50
8 019 45 109	Axial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 5.850
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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

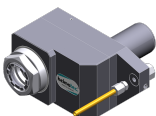
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Part-#	Name	
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 45 143	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	7.280
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 46 004	Axial drilling and milling head ER 32	
	Weight [kg]:	5.480
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 46 010	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	5.700
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
8 019 46 014	Axial drilling and milling head ER 32 AX UT	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 46 062	Axial drilling and milling head ER 32 IC	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
8 019 46 071	Axial drilling and milling head ER 32 AX UT IC	
	Weight [kg]:	5.990
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 46 072	Axial drilling and milling head HT 4	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 46 104	Axial drilling and milling head ER 32 AX UT	
	Weight [kg]:	5.850
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000



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Part-#	Name
	Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 50
8 019 46 111	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 7.320 Notation: offset Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 A - u-tec Gear ratio [i]: 1:2 Torque max [Nm]: 32 Rotation max [1/min]: 12000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140
8 019 46 127	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 6.860 Notation: offset Employment for: Sub spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 50
8 019 46 132	Axial drilling and milling head ER 32 AX UT
	Weight [kg]: 6.790 Notation: offset Employment for: Sub spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 50

Part-#	Name
8 019 46 151	Axial drilling and milling head HT 4 IC
	Weight [kg]: 5.570
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Offset [mm]: 50
8 019 46 186	Axial drilling and milling head Weldon 20
	Weight [kg]: 6.180
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 20
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Offset [mm]: 50
8 019 46 202	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 7.280
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 2:1
	Torque max [Nm]: 80
	Rotation max [1/min]: 3000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Offset [mm]: 50
8 019 46 221	Axial drilling and milling head ER 32 AX UT
	Weight [kg]: 9.330
	Notation: offset
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	115
8 019 46 224	Axial drilling and milling head HT 4 IC	
	Weight [kg]:	7.480
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 47 003	Axial drilling and milling head Weldon 25	
	Weight [kg]:	6.270
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 47 006	Axial drilling and milling head HT 5	
	Weight [kg]:	5.430
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 47 009	Axial drilling and milling head HT 5 IC	
	Weight [kg]:	5.620
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
8 019 47 015	Axial drilling and milling head HT 5	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 47 016	Axial drilling and milling head HT 5 IC	
	Weight [kg]:	5.980
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
	Offset [mm]:	50
8 030 42 002	Radial drilling and milling head Weldon 6 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 030 43 006	Radial drilling and milling head Weldon 8 IC	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext

Part-#	Name
	Pressure max [bar]: 25
	Center distance [mm]: 130
8 030 44 085	Radial drilling and milling head ER 16 AX UT
	Weight [kg]: 9.570
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
8 030 45 034	Radial drilling and milling head ER 25 AX UT
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:3
	Torque max [Nm]: 12
	Rotation max [1/min]: 12000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 45 048	Radial drilling and milling head ER 25
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130
8 030 45 068	Radial drilling and milling head ER 25
	Weight [kg]: 8.680
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:3
	Torque max [Nm]: 8
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130

Part-#	Name
8 030 45 116	Radial drilling and milling head Weldon 16 IC
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 45 174	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 8.820
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:3
	Torque max [Nm]: 12
	Rotation max [1/min]: 15000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 45 205	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 8.890
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
8 030 45 209	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 8.380
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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

Part-#	Name
	Center distance [mm]: 130
8 030 45 247	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 8.610
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:3
	Torque max [Nm]: 12
	Rotation max [1/min]: 15000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 45 303	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 8.830
	Employment for: Sub spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:3
	Torque max [Nm]: 12
	Rotation max [1/min]: 15000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 46 039	Radial drilling and milling head ER 32 IC
	Weight [kg]: 9.040
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 130
8 030 46 064	Radial drilling and milling head ER 32
	Weight [kg]: 8.480
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 4000

Part-#	Name
	Rotating direction: opposite Coolant: EXT Center distance [mm]: 130
8 030 46 098	Radial drilling and milling head ER 32
	Weight [kg]: 9.060 Employment for: Main spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 130
8 030 46 108	Radial drilling and milling head ER 32
	Version: Special Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 100
8 030 46 147	Radial drilling and milling head ER 32 AS IC
	Weight [kg]: 9.400 Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 32 Gear ratio [i]: 1:2 Torque max [Nm]: 16 Rotation max [1/min]: 12000 Rotating direction: opposite Coolant: IC Center distance [mm]: 130
8 030 46 174	Radial drilling and milling head Weldon 20
	Weight [kg]: 9.120 Employment for: Main spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: Weldon (DIN 1835 b) 20 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing

Part-#	Name
	Center distance [mm]: 130
8 030 46 179	Radial drilling and milling head ER 32 IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 3000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 46 189	Radial drilling and milling head Weldon 20 IC
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 20
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 46 293	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 8.820
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 130
8 030 46 296	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 8.240
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT

Part-#	Name
	Center distance [mm]: 130
8 030 46 298	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 9.330
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 46 305	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 8.080
	Employment for: Sub spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130
8 030 46 310	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 9.790
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 46 315	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 8.700
	Employment for: Sub spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140

Part-#	Name
	Center distance [mm]: 130
8 030 46 375	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 9.380
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: Combi bearing
	Center distance [mm]: 130
8 030 46 388	Radial drilling and milling head HT 4
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: HT 4
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130
8 030 46 401	Radial drilling and milling head HT 4 IC
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
8 030 46 472	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 8.370
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 4000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130

Part-#	Name	
8 030 47 004	Radial drilling and milling head Weldon 25	
	Weight [kg]:	9.500
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	130
8 030 47 017	Radial drilling and milling head HT 5	
	Weight [kg]:	8.440
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	130
8 030 47 023	Radial drilling and milling head HT 5 IC	
	Weight [kg]:	8.990
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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
	Center distance [mm]:	130
8 030 48 001	Radial drilling and milling head HT 6	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	130

Part-#	Name
8 030 48 002	Radial drilling and milling head HT 6 IC
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: HT 6
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 130
8 030 48 013	Radial drilling and milling head Weldon 32
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 32
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 4000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
8 031 44 016	Radial milling head universal arbor 16
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Universal arbor 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 130
8 031 44 017	Radial milling head universal arbor 16
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Universal arbor 16
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 3000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130

Part-#	Name	
8 031 44 023	Radial milling head universal arbor 16	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
	Center distance [mm]:	130
8 031 45 006	Radial milling head universal arbor 22	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	130
8 031 45 010	Radial milling head universal arbor 22	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	130
8 031 45 022	Radial milling head universal arbor 22	
	Weight [kg]:	9.180
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	130

Part-#	Name
8 031 45 023	Radial milling head universal arbor 22
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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: stronger bearing
	Center distance [mm]: 130
8 031 45 035	Radial polygon head arbor 22
	Weight [kg]: 9.130
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Arbor 22
	Gear ratio [i]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 4000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130
8 031 45 038	Radial polygon head arbor 22
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Polygon arbor 22
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 130
8 033 46 055	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 10.620
	Notation: offset
	Employment for: Sub spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130

Part-#	Name
8 033 46 120	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 10.700
	Notation: offset
	Employment for: Sub spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 130
8 037 45 006	Woodruff keycutter ER 25 AX
	Weight [kg]: 8.660
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A
	Gear ratio [i]: 1333:1
	Torque max [Nm]: 32
	Rotation max [1/min]: 4000
	Rotating direction: opposite
	Coolant: EXT
8 039 45 019	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 9.040
	Employment for: Main- and sub spindle
	Version: double spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
8 039 45 024	Radial drilling and milling head ER 25
	Weight [kg]: 8.280
	Version: 20° angle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT

Part-#	Name
8 039 46 042	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 9.220
	Employment for: Main- and sub spindle
	Version: double spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
8 039 46 046	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 11.580
	Notation: offset
	Employment for: Main- and sub spindle
	Version: double spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Center distance [mm]: 130
	Offset [mm]: 50
8 039 46 060	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 10.690
	Version: 360° turnable; special
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 130
8 039 46 090	Radial drilling and milling head ER 32 AX UT IC
	Notation: offset
	Employment for: Main- and sub spindle
	Version: double spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000

Part-#	Name
	Rotating direction: same/opposite Coolant: IC/Ext Pressure max [bar]: 25 Center distance [mm]: 130 Offset [mm]: 50
8 040 44 042	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT IC
	Weight [kg]: 5.260 Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI 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]: 87
8 040 44 043	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT
	Weight [kg]: 5.350 Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI 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]: 87
8 040 44 044	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT
	Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI 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 Please note: Note swivel range Center distance [mm]: 125
8 040 44 045	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT
	Weight [kg]: 5.220 Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI 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 Please note: Note swivel range

Part-#	Name
	Center distance [mm]: 87
8 040 44 048	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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]: 87
8 040 44 093	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Please note: Note swivel range
	Center distance [mm]: 125
8 040 44 094	Universal head $\pm 90^\circ$ adjustable ER 16 AX UT IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Please note: Note swivel range
	Center distance [mm]: 125
8 040 45 056	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT
	Weight [kg]: 5.500
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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: Note swivel range!
	Center distance [mm]: 87

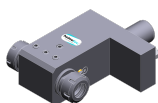
Part-#	Name	
8 040 45 057	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	125
8 040 45 066	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT IC	
	Weight [kg]:	5.530
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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]:	140
	Please note:	Note swivel range!
	Center distance [mm]:	87
8 040 45 106	Universal head $\pm 90^\circ$ adjustable ER 25 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	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]:	140
	Please note:	Note swivel range!
	Center distance [mm]:	125
8 050 45 026	Multispindle drilling head ER 25 AX UT	
	Employment for:	Main- and sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50

Part-#	Name
8 050 45 030	Multispindle drilling head ER 25 AX UT IC
	Weight [kg]: 6.730
	Notation: offset
	Version: 2-spindles
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing; not on benachbarten stations
	Offset [mm]: 41,255
8 200 40 004	Tool blank
	Shank size [mm]: 40.00
	Shank type: VDI
8 200 41 000	Plug Ø 40x60
	Weight [kg]: 1.140
	Shank size [mm]: 40.00
	Shank type: VDI
8 202 40 003	Basic holder for height adjustable adapter
	Weight [kg]: 3.340
	Shank size [mm]: 40.00
	Shank type: VDI
	Coolant: EXT
8 202 40 006	Basic holder longitudinal seat FN 12
	Weight [kg]: 3.300
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Interface FN 12
	Coolant: EXT
8 214 43 004	Cut-off holder SH 32
	Weight [kg]: 3.480
	Version: Edge on center of turret
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Clampshaft SH 32
	Coolant: EXT
8 214 43 015	Cut-off holder SH 32
	Weight [kg]: 3.360
	Employment for: Cut-off tool 32
	Version: Clampshaft on turret center
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Clampshaft SH 32
	Coolant: EXT
	Please note: demountable clampshaft

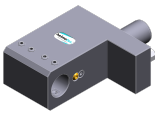
Part-#	Name	
8 214 43 016	Cut-off holder SH 32	
	Weight [kg]:	3.370
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountable clampshaft
8 214 45 000	Universal turning holder sq. 25	
	Weight [kg]:	6.360
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 214 45 001	Universal turning holder sq. 25	
	Weight [kg]:	6.320
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 214 45 003	Universal turning holder sq. 1"	
	Weight [kg]:	6.380
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
8 214 45 016	Universal turning holder sq. 25 IC	
	Weight [kg]:	6.420
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	IC/Ext
8 230 44 000	Tool holder HSK - A50	
	Weight [kg]:	10.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69893 A - HSK 50
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 46 026	Collet chuck holder ER 32	
	Weight [kg]:	9.240
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	140

Part-#	Name	
8 230 47 005	Boring bar holder special version Ø 30	
	Weight [kg]:	9.450
	Version:	Special
	Shank type:	VDI
	Tool adaption:	Ø 30
	Coolant:	EXT
	Center distance [mm]:	125
8 230 47 006	Boring bar holder Ø 25	
	Weight [kg]:	9.580
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 47 015	Tool holder HT 5	
	Weight [kg]:	9.280
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 48 007	Boring bar holder Ø 32	
	Weight [kg]:	9.360
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 71 mm
	Center distance [mm]:	140
8 230 48 025	Boring bar holder Ø 1 1/2"	
	Weight [kg]:	9.100
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 49 001	Boring bar holder Ø 40	
	Weight [kg]:	9.160
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 49 006	Boring bar holder Ø 40	
	Weight [kg]:	9.080
	Notation:	offset
	Employment for:	Sub spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI

Part-#	Name	
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 230 49 027	Boring bar holder Ø 50	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Please note:	Official tool length is exceeded
	Center distance [mm]:	140
8 230 49 054	Boring bar holder Ø 40	
	Weight [kg]:	9.860
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 9 mm
	Center distance [mm]:	140
8 234 45 002	Combi facing holder sq. 25	
	Weight [kg]:	10.780
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 234 45 006	Combi facing holder sq. 25	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Please note:	Machine: Mazak, QT Nexus 200 II M - 12
8 239 44 000	Double collet chuck holder ER 20 M	
	Weight [kg]:	9.640
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 20 M
	Coolant:	IC/Ext
	Center distance [mm]:	126/155
8 239 46 003	Double collet chuck holder ER 32 IC	
	Weight [kg]:	10.200
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	140



Part-#	Name	
8 239 46 026	Double boring bar holder Ø 20 IC/Ext	
	Weight [kg]:	11.380
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 239 47 000	Double boring bar holder Ø 25	
	Weight [kg]:	10.920
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	EXT
	Center distance [mm]:	140
8 239 47 001	Double boring bar holder Ø 25 IC/Ext	
	Weight [kg]:	10.800
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 239 47 002	Double tool holder HT 5	
	Weight [kg]:	9.440
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 239 47 024	Double boring bar holder Ø 1"	
	Weight [kg]:	10.770
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	EXT
	Center distance [mm]:	140
8 239 48 002	Double boring bar holder Ø 32	
	Weight [kg]:	11.060
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	EXT
	Center distance [mm]:	140

Part-#	Name	
8 239 48 017	Double boring bar holder Ø 32 IC/Ext	
	Weight [kg]:	11.050
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 239 49 000	Double boring bar holder Ø 40	
	Weight [kg]:	9.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	EXT
	Center distance [mm]:	140
8 239 49 014	Double boring bar holder Ø 40	
	Weight [kg]:	9.900
	Employment for:	Main- and sub spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	EXT
	Center distance [mm]:	140
8 239 49 018	Double boring bar holder Ø 40 IC/Ext	
	Weight [kg]:	10.650
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	140
8 251 45 000	Combi double turning holder sq. 25	
	Weight [kg]:	10.400
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 251 45 014	Combi double turning holder sq. 25 IC	
	Weight [kg]:	10.130
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	IC/Ext

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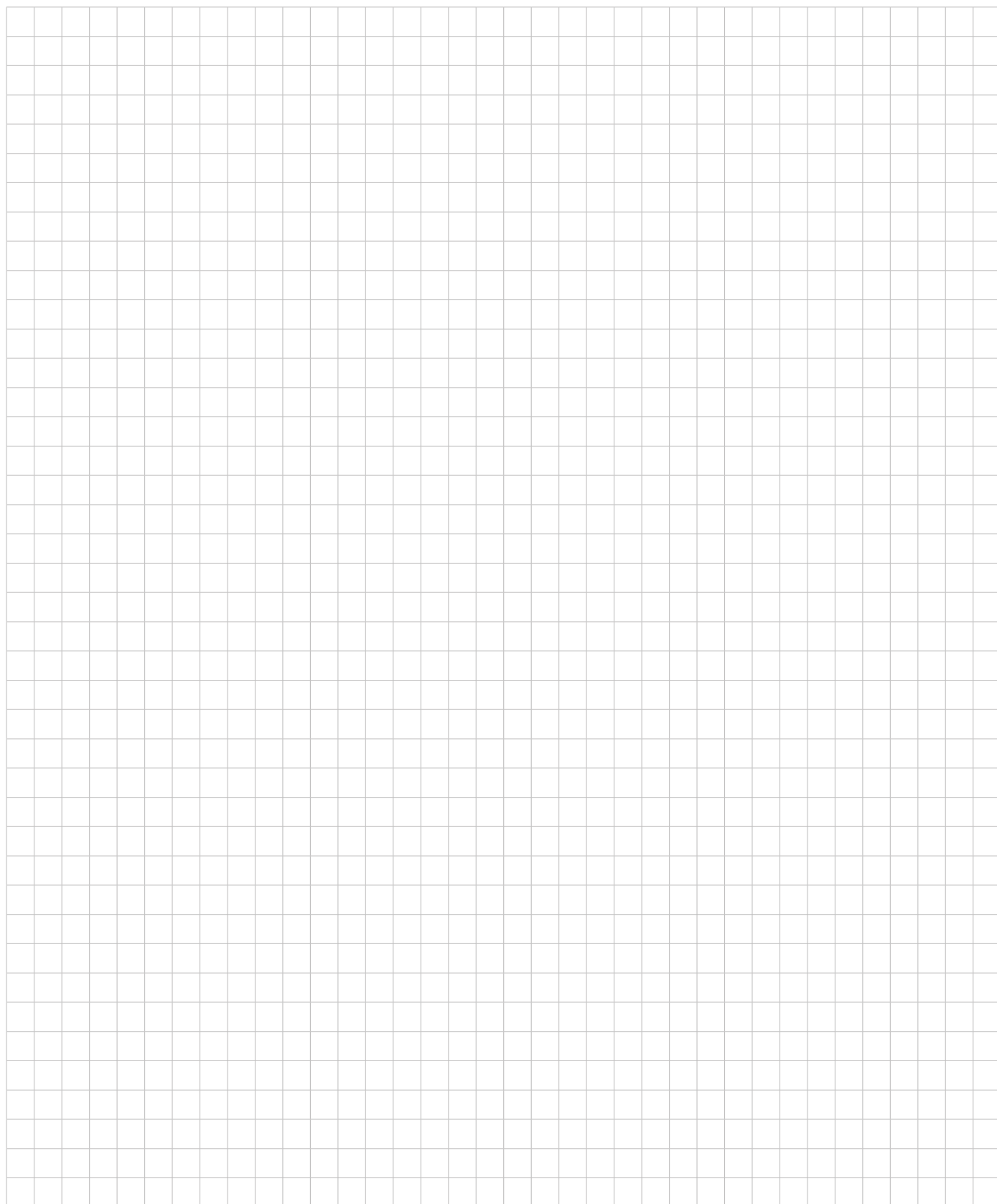
Part-#	Name
8 253 47 005	Double boring bar holder Ø 25
	Weight [kg]: 10.700
	Employment for: Main- and sub spindle
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Ø 25
	Coolant: EXT
	Center distance [mm]: 105/148
8 253 47 007	Double boring bar holder Ø 1"
	Weight [kg]: 10.700
	Employment for: Main- and sub spindle
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Ø 1" (25,4mm)
	Coolant: EXT
	Center distance [mm]: 105/148
8 259 42 000	Multiple turning holder sq. 25
	Weight [kg]: 7.020
	Employment for: Main spindle
	Version: Y-axes offset
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Sq. 25
	Coolant: Sq. 25
	EXT
8 259 45 001	Multiple turning holder 4x sq. 25
	Weight [kg]: 10.950
	Employment for: Main- and sub spindle
	Version: Y-axes offset
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Sq. 25
	Sq. 25
	Sq. 25
	Sq. 25
	Coolant: EXT
8 259 45 005	Multiple turning holder 4x sq. 1"
	Weight [kg]: 10.930
	Employment for: Main- and sub spindle
	Version: Y-axes offset
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Sq. 1" (25,4mm)
	Sq. 1" (25,4mm)
	Sq. 1" (25,4mm)
	Sq. 1" (25,4mm)
	Coolant: EXT

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Part-#	Name
8 259 45 009	Multiple turning holder 4x sq. 25 IC
	Weight [kg]: 10.600
	Employment for: Main- and sub spindle
	Version: Y-axes offset
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Sq. 25
	Sq. 25
	Sq. 25
	Sq. 25
	Coolant: IC/Ext
8 320 43 008	Cut-off holder, height adjustable SH 32 IC
	Weight [kg]: 3.930
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Clampshaft SH 32
	Coolant: IC/Ext
	Pressure max [bar]: 70



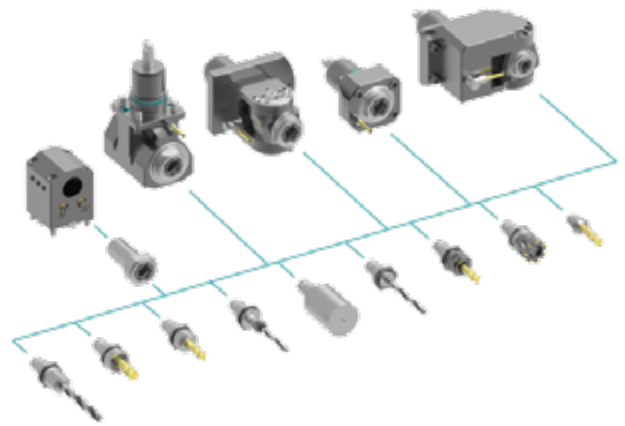
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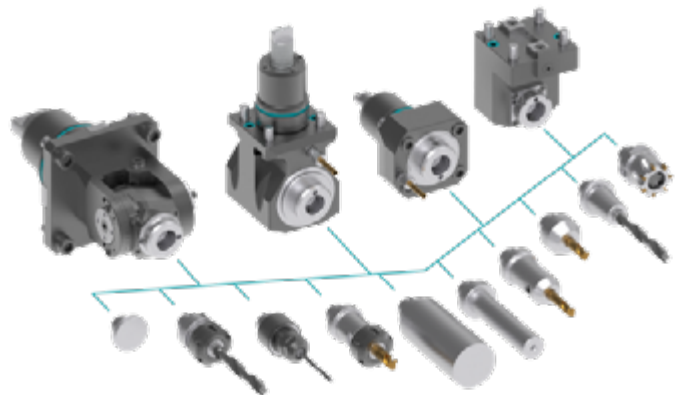
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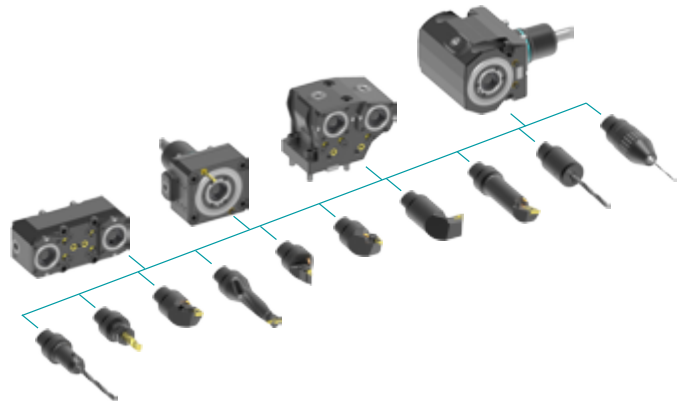
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