

Mazak
MP 615 N



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 45 023	Axial drilling and milling head ER 25
	Weight [kg]: 3.800
	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 46 120	Axial drilling and milling head HT 4
	Weight [kg]: 3.720
	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: same
	Coolant: EXT
8 011 45 006	Axial milling head universal arbor 22
	Weight [kg]: 3.860
	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: same
	Coolant: EXT
8 019 42 002	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 45 029	Axial drilling and milling head ER 25 AX UT
	Weight [kg]: 6.720
	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]: 1:2
	Torque max [Nm]: 40

Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 45 041	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
8 019 45 113	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	6.780
	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]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
8 019 45 118	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	6.640
	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
	Offset [mm]:	50
8 019 45 125	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.540
	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

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 45 161	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.640
	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
	Offset [mm]:	50
8 019 46 021	Axial drilling and milling head Weldon 20 IC	
	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]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 46 053	Axial drilling and milling head HT 4	
	Weight [kg]:	5.200
	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 46 065	Axial drilling and milling head HT 4 IC	
	Weight [kg]:	6.840
	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

Part-#	Name
	Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: stronger bearing Offset [mm]: 50
8 019 46 112	Axial drilling and milling head ER 32 AX UT
	Weight [kg]: 6.640 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: EXT Please note: stronger bearing Offset [mm]: 50
8 019 46 142	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 6.700 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 46 198	Axial drilling and milling head C 4 IC
	Weight [kg]: 7.580 Notation: offset Employment for: Main spindle Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: heimatec Capto(TM) C 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

Part-#	Name
8 030 43 005	Radial drilling and milling head Weldon 8 IC
	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
	Pressure max [bar]: 25
	Center distance [mm]: 115
8 030 44 009	Radial drilling and milling head Weldon 10 IC
	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: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 115
8 030 44 010	Radial drilling and milling head Weldon 12 IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 12
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 115
8 030 44 011	Radial drilling and milling head Weldon 14 IC
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 14
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 115

Part-#	Name	
8 030 45 032	Radial drilling and milling head ER 25	
	Weight [kg]:	7.520
	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
	Center distance [mm]:	115
8 030 45 041	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	8.600
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115
8 030 45 046	Radial drilling and milling head ER 25	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	115
8 030 45 049	Radial drilling and milling head ER 25	
	Weight [kg]:	7.930
	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]:	115

Part-#	Name
8 030 45 055	Radial drilling and milling head Weldon 16 IC
	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]: 115
8 030 45 062	Radial drilling and milling head ER 25 AC IC
	Weight [kg]: 8.680
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC
	Pressure max [bar]: 60
	Please note: High pressure version
8 030 45 063	Radial drilling and milling head ER 25 IC
	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: IC/Ext
	Pressure max [bar]: 25
8 030 45 117	Radial drilling and milling head Weldon 16
	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: EXT
	Please note: stronger bearing
	Center distance [mm]: 115

Part-#	Name
8 030 45 123	Radial drilling and milling head ER 25 IC
	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]: 15
	Rotation max [1/min]: 15000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 115
8 030 45 191	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 7.960
	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]: 115
8 030 45 217	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 7.380
	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
	Center distance [mm]: 115
8 030 45 282	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]: 15000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 115

Part-#	Name
8 030 45 293	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 7.990
	Employment for: Main spindle
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 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]: 115
8 030 45 294	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 7.750
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 115
8 030 45 295	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 7.970
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	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
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 115
8 030 46 080	Radial drilling and milling head ER 32
	Weight [kg]: 7.580
	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]: 115

Part-#	Name
8 030 46 092	Radial drilling and milling head Weldon 20 IC
	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]: 115
8 030 46 184	Radial drilling and milling head HT 4
	Weight [kg]: 7.450
	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]: 115
8 030 46 185	Radial drilling and milling head HT 4 IC
	Weight [kg]: 7.990
	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]: 115
8 030 46 190	Radial drilling and milling head Weldon 20
	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: with stronger bearing
	Center distance [mm]: 115

Part-#	Name
8 030 46 314	Radial drilling and milling head ER 32 AX UT
	Weight [kg]: 7.400
	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]: 115
8 030 46 390	Radial drilling and milling head ER 32 AX UT IC
	Weight [kg]: 7.890
	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]: 115
8 030 47 047	Radial drilling and milling head HT 5
	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]: 115
8 030 47 048	Radial drilling and milling head HT 5 IC
	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]: 25
	Center distance [mm]: 115

Part-#	Name
8 031 44 010	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]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 115
8 031 45 007	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
	Center distance [mm]: 115
8 031 45 011	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]: 2:1
	Torque max [Nm]: 63
	Rotation max [1/min]: 4000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 115
8 039 45 013	Radial drilling and milling head ER 25
	Notation: 360° turnable
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 2:1
	Torque max [Nm]: 32
	Rotation max [1/min]: 3000
	Rotating direction: opposite
	Coolant: EXT
8 039 45 063	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 7.850
	Notation: 65° angle
	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]: 40
	Rotation max [1/min]: 6000

Part-#	Name
	Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Please note: Combi bearing
8 039 45 084	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 6.760 Notation: 68° angle 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]: 40 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: Combi bearing
8 039 45 086	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 6.940 Notation: 50° angle 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: Combi bearing
8 039 45 124	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 6.760 Notation: 55° angle 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]: 40 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: Combi bearing
8 040 44 012	Universal head ± 90° adjustable ER 16 AX
	Weight [kg]: 5.540 Tool drive: Flat (~DIN 1809) Shank size [mm]: 40.00 Shank type: VDI Tool adaption: ER 16 A Gear ratio [i]: 1:1 Torque max [Nm]: 25 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT

Part-#	Name
	Please note: Center distance [mm]: Note swivel range 105
8 040 44 065	Universal head ± 90° adjustable ER 16 AX UT IC Weight [kg]: 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]: 5.780 Flat (~DIN 1809) 40.00 VDI ER 16 A - u-tec 1:1 25 6000 opposite IC/Ext 140 Note swivel range! 105
8 040 45 077	Universal head ± 90° adjustable ER 25 AX UT IC Weight [kg]: Version: 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]: 5.350 at 45° position can be pinned Flat (~DIN 1809) 40.00 VDI ER 25 A - u-tec 1:1 25 6000 opposite IC/Ext 140 stronger bearing 87
8 040 45 078	Universal head ± 90° adjustable ER 25 AX UT IC Version: 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]: at 75° position can be pinned Flat (~DIN 1809) 40.00 VDI ER 25 A - u-tec 1:1 25 6000 opposite IC/Ext 140 stronger bearing 87
8 040 45 088	Universal head ± 90° adjustable ER 25 AX UT Weight [kg]: Tool drive: Shank size [mm]: Shank type: Tool adaption: Gear ratio [i]: Torque max [Nm]: Rotation max [1/min]: 5.300 Flat (~DIN 1809) 40.00 VDI ER 25 A - u-tec 1:1 25 6000

Part-#	Name
	Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 87
8 040 45 089	Universal head ± 90° adjustable ER 25 AX UT IC
	Weight [kg]: 5.050 Version: at 45° position can be pinned; special 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: stronger bearing Center distance [mm]: 87
8 200 41 000	Plug Ø 40x60
	Weight [kg]: 1.140 Shank size [mm]: 40.00 Shank type: VDI
8 202 40 009	Basic holder longitudinal seat FN 12
	Weight [kg]: 2.980 Shank size [mm]: 40.00 Shank type: VDI Tool adaption: Interface FN 12 Coolant: EXT Center distance [mm]: 43
8 202 40 014	Basic holder longitudinal seat FN 12
	Weight [kg]: 3.210 Version: Special Shank size [mm]: 40.00 Shank type: VDI Tool adaption: Interface FN 12 Coolant: EXT Center distance [mm]: 43
8 214 43 009	Cut-off holder SH 32
	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

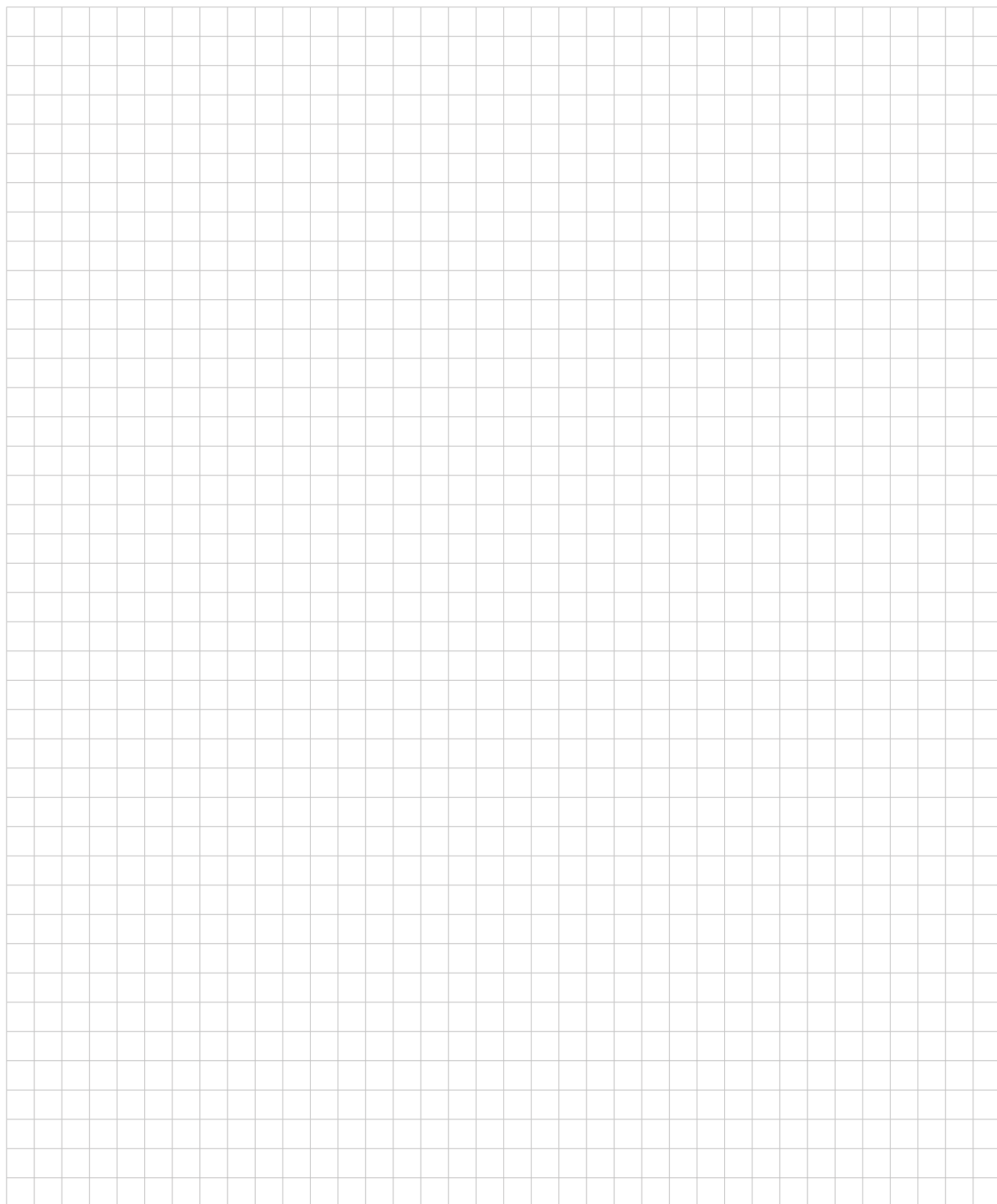
Part-#	Name	
8 214 43 010	Cut-off holder SH 32	
	Weight [kg]:	3.340
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountable clampshaft
8 214 43 021	Cut-off holder SH 32	
	Weight [kg]:	3.350
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on right turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountable clampshaft
8 214 44 000	Universal turning holder sq. 20	
	Weight [kg]:	5.440
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 214 44 002	Universal turning holder sq. 20	
	Weight [kg]:	5.480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 214 44 004	Universal turning holder sq. 20	
	Weight [kg]:	4.040
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	Special version
8 214 44 005	Universal turning holder sq. 20	
	Weight [kg]:	4.000
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	Special version

Part-#	Name	
8 214 44 008	Universal turning holder sq. 20	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Please note:	With 1/8" thread
8 230 48 004	Boring bar holder Ø 32	
	Weight [kg]:	8.100
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	130
8 230 48 008	Boring bar holder Ø 32	
	Weight [kg]:	8.580
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60 mm
	Center distance [mm]:	130
8 230 49 009	Boring bar holder Ø 40	
	Weight [kg]:	9.000
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	130
8 234 44 005	Combi facing holder sq. 20	
	Weight [kg]:	8.000
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 320 43 019	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	3.720
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#	Name
8 320 43 021	Cut-off holder, height adjustable SH 32 IC Shank size [mm]: 40.00 Shank type: VDI Tool adaption: Clampshaft SH 32 Coolant: IC/Ext Pressure max [bar]: 70 Please note: Clampshaft internal



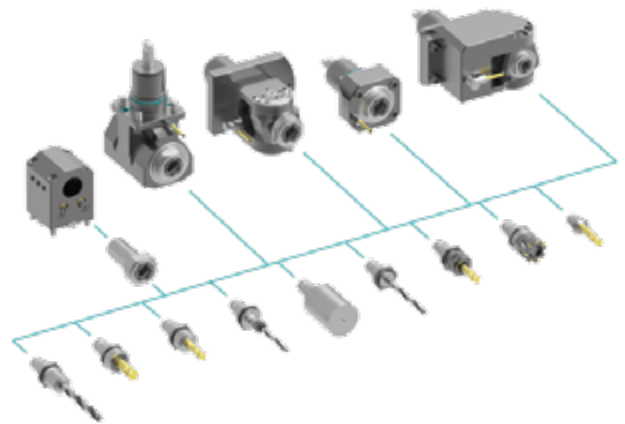
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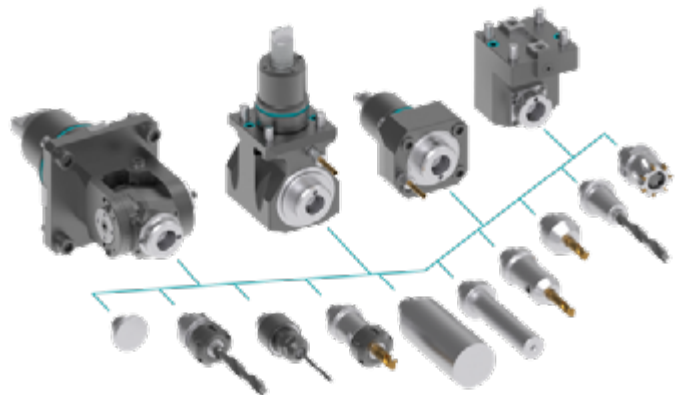
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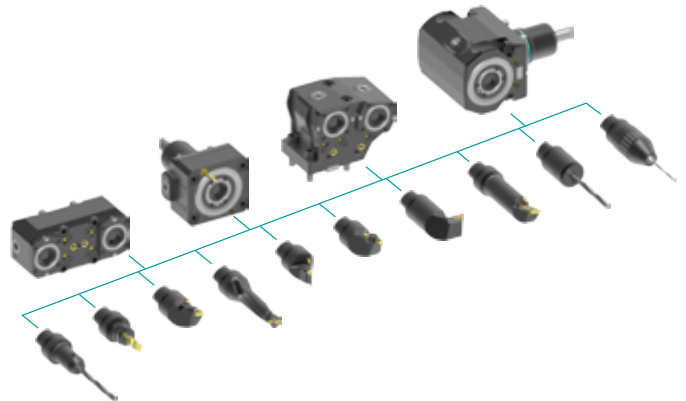
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