TOOL CATALOGUE

heimatec®

Mazak

QT Nexus 100 M/MS - 12 Stationen

09/2026

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 subsiiary 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 45 117	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	3.220
	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
	Coolant:	EXT
8 010 45 140	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	3.260
	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
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 46 082	**Axial drilling and milling head HT 4**	
	Weight [kg]:	3.300
	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 45 005	**Axial milling head universal arbor 22**	
	Weight [kg]:	3.460
	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 44 009	**Axial milling head universal arbor 16 IC**	
	Weight [kg]:	5.840
	Notation:	offset
	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]:	80

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Part-#	Name	
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	IC/Ext
	Offset [mm]:	50
8 019 45 028	**Axial drilling and milling head ER 25 AX UT**	
	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
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
8 019 45 039	**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 45 115	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	5.530
	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 45 116	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	5.720
	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]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 45 119	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	6.630
	Notation:	offset
	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]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 45 124	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	6.720
	Notation:	offset
	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]:	1:1
	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 45 146	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	7.530
	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

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Part-#	Name	
8 019 45 177	**Axial drilling and milling head ER 25**	
	Weight [kg]:	5.720
	Notation:	offset
	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
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 46 032	**Axial drilling and milling head HT 4**	
	Weight [kg]:	5.100
	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 46 058	**Axial drilling and milling head HT 4 IC**	
	Weight [kg]:	5.390
	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 46 059	**Axial drilling and milling head HT 4**	
	Weight [kg]:	6.000
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

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Part-#	Name	
8 019 46 060	**Axial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	5.680
	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
8 019 46 101	**Axial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	7.130
	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]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
8 019 46 108	**Axial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	5.500
	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 46 120	**Axial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	6.680
	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

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Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 47 036	**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
	Offset [mm]:	50
8 019 47 037	**Axial drilling and milling head HT 5 IC**	
	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
	Offset [mm]:	50
8 030 45 047	**Radial drilling and milling head ER 25**	
	Weight [kg]:	7.340
	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]:	100
8 030 45 051	**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]:	1:3
	Torque max [Nm]:	15
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT

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Part-#	Name	
8 030 45 069	**Radial drilling and milling head ER 25**	
	Weight [kg]:	6.880
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 45 070	**Radial drilling and milling head ER 25 IC**	
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 030 45 102	**Radial drilling and milling head ER 25 IC**	
	Weight [kg]:	7.640
	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]:	140
	Center distance [mm]:	100
8 030 45 183	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	6.770
	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
	Center distance [mm]:	100

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Part-#	Name	
8 030 45 184	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	7.320
	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]:	100
8 030 45 213	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	6.820
	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]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 45 234	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	8.340
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100
8 030 45 297	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	7.230
	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]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100

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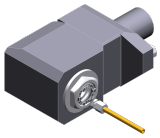
Part-#	Name	
8 030 45 298	**Radial drilling and milling head ER 25 AX UT**	
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 45 313	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	7.990
	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:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 030 46 067	**Radial drilling and milling head ER 32 IC**	
	Weight [kg]:	7.800
	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]:	25
	Center distance [mm]:	100
8 030 46 112	**Radial drilling and milling head HT 4**	
	Weight [kg]:	6.880
	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]:	100

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Part-#	Name	
8 030 46 165	**Radial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	8.690
	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]:	100
8 030 46 176	**Radial drilling and milling head HT 4 IC**	
	Weight [kg]:	7.390
	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]:	100
8 030 46 180	**Radial drilling and milling head HT 4 IC**	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 030 46 312	**Radial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	6.730
	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
	Center distance [mm]:	100

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Part-#	Name	
8 030 46 313	**Radial drilling and milling head ER 32 AX UT IC**	
	Weight [kg]:	7.350
	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]:	100
8 031 44 018	**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]:	100
8 031 45 005	**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]:	100
8 031 45 009	**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]:	100

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Part-#	Name	
8 033 46 071	**Radial drilling and milling head HT 4**	
	Weight [kg]:	8.480
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
8 033 46 073	**Radial drilling and milling head HT 4 IC**	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
8 033 46 142	**Radial drilling and milling head ER 32 AX UT IC**	
	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]:	1:2
	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]:	100
8 037 45 005	**Woodruff keycutter ER 25 AX**	
	Weight [kg]:	7.080
	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

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Part-#	Name	
8 037 49 010	**Radial disk mill head shaft diameter 10-25,4**	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,541:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	2400
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
	Center distance [mm]:	96,5
8 038 45 004	**Radial drilling and milling head ER 25**	
	Weight [kg]:	5.320
	Notation:	Y-axes adjustable
	Employment for:	Sub spindle
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 039 45 011	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	7.490
	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 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]:	100
8 039 45 014	**Radial drilling and milling head ER 25 AX**	
	Weight [kg]:	8.420
	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
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	Special version

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Part-#	Name	
	Center distance [mm]:	100
8 039 45 015	**Radial drilling and milling head ER 25 AX UT**	
	Notation:	double spindle
	Employment for:	Main- and sub spindle
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 039 45 082	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	6.640
	Notation:	9° 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
8 039 46 020	**Radial drilling and milling head ER 32 AX UT**	
	Weight [kg]:	7.600
	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]:	100
8 040 44 039	**Universal head ± 90° 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]:	87

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Part-#	Name	
8 040 44 052	**Universal head ± 90° adjustable ER 16 AX UT**	
	Weight [kg]:	5.080
	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]:	87
8 040 44 057	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Weight [kg]:	5.150
	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
	Please note:	Note swivel range
	Center distance [mm]:	87
8 040 45 076	**Universal head ± 90° adjustable ER 25 AX UT IC**	
	Weight [kg]:	5.340
	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
8 040 45 079	**Universal head ± 90° adjustable ER 25 AX UT**	
	Weight [kg]:	5.320
	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:	stronger bearing
	Center distance [mm]:	87

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Part-#	Name	
8 050 44 037	**Multispindle drilling head ER 20 AX UT**	
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25/SP.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	± 30
8 050 45 029	**Multispindle drilling head ER 25 AX UT**	
	Weight [kg]:	5.200
	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]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
8 200 41 000	**Plug Ø 40x60**	
	Weight [kg]:	1.140
	Shank size [mm]:	40.00
	Shank type:	VDI
8 202 40 002	**Basic holder for height adjustable adapter**	
	Weight [kg]:	3.340
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
8 202 40 005	**Basic holder for height adjustable adapter**	
	Weight [kg]:	3.300
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
8 202 40 008	**Basic holder longitudinal seat FN 12**	
	Weight [kg]:	3.250
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	40

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Part-#	Name	
8 214 43 003	**Cut-off holder SH 32**	
	Version:	Clampshaft on turret center
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
8 214 43 007	**Cut-off holder SH 32**	
	Weight [kg]:	3.580
	Version:	Clampshaft on turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
8 214 43 013	**Cut-off holder SH 32**	
	Weight [kg]:	3.470
	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:	demountalbe clampshaft
8 214 43 014	**Cut-off holder SH 32**	
	Weight [kg]:	3.470
	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:	demountalbe clampshaft
8 214 43 018	**Cut-off holder SH 32**	
	Employment for:	Cut-off tool 32
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
8 214 44 001	**Universal turning holder sq. 20**	
	Weight [kg]:	5.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT

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Part-#	Name	
8 214 45 005	**Universal turning holder sq. 25**	
	Weight [kg]:	5.180
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 230 45 000	**Boring bar holder Ø 19**	
	Weight [kg]:	7.780
	Employment for:	Main spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 19
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
8 230 45 001	**Collet chuck holder ER 25**	
	Weight [kg]:	6.780
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max. 91 mm
	Center distance [mm]:	110
8 230 46 002	**Boring bar holder Ø 20**	
	Weight [kg]:	5.260
	Notation:	offset
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	120
8 230 47 009	**Boring bar holder Ø 31,6**	
	Employment for:	Main spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 31,6
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
8 230 47 014	**Boring bar holder Ø 25**	
	Weight [kg]:	6.460
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110

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Part-#	Name	
8 230 48 001	**Boring bar holder Ø 32**	
	Weight [kg]:	6.260
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
8 230 49 012	**Boring bar holder Ø 40**	
	Weight [kg]:	6.170
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
8 230 49 059	**Boring bar holder Ø 40**	
	Weight [kg]:	6.640
	Notation:	offset
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension on center
	Center distance [mm]:	110
8 234 44 000	**Combi facing holder sq. 20**	
	Weight [kg]:	6.700
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 234 44 007	**Combi facing holder sq. 20**	
	Weight [kg]:	6.690
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 239 45 001	**Double collet chuck holder ER 25**	
	Weight [kg]:	8.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	EXT
	Center distance [mm]:	110

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Part-#	Name	
8 239 45 002	**Double collet chuck holder ER 25**	
	Weight [kg]:	8.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max. 86/54 mm
	Center distance [mm]:	110
8 239 46 001	**Double boring bar holder Ø 20**	
	Weight [kg]:	7.120
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60/10 mm
	Center distance [mm]:	110
8 239 46 002	**Double boring bar holder Ø 20**	
	Weight [kg]:	6.020
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	EXT
	Center distance [mm]:	110
8 239 46 005	**Double tool holder HT 4**	
	Weight [kg]:	6.000
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60/30 mm
	Center distance [mm]:	110
8 239 46 007	**Double collet chuck holder ER 32**	
	Weight [kg]:	6.280
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max 80/50 mm
	Center distance [mm]:	110
8 239 46 031	**Double tool holder HT 4**	
	Weight [kg]:	6.540
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 80/10 mm
	Center distance [mm]:	110

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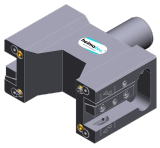
Part-#	Name	
8 239 47 026	**Double boring bar holder Ø 25**	
	Weight [kg]:	6.600
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 239 48 006	**Double boring bar holder Ø 32**	
	Weight [kg]:	6.420
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	110
8 239 49 020	**Double boring bar holder Ø 40**	
	Weight [kg]:	6.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	110
8 251 44 000	**Combi double turning holder sq. 20**	
	Weight [kg]:	6.200
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	EXT
8 251 44 005	**Combi double turning holder sq. 20 IC**	
	Weight [kg]:	6.160
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
8 320 43 011	**Cut-off holder, height adjustable SH 32 IC**	
	Weight [kg]:	3.860
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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