TOOL CATALOGUE

heimatec®

Emco

Maxxturn 25 - Zahnrad 13x1

07/2026



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 03 000	**Axial drilling and milling head ER 11**	
	Weight [kg]:	0.700
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 000	**Axial drilling and milling head ER 16**	
	Weight [kg]:	0.690
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 011 03 000	**Axial milling head arbor 13**	
	Tool drive:	Gear
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 03 000	**Axial drilling and milling head ER 11**	
	Weight [kg]:	1.110
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:2
	Torque max [Nm]:	3
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	20
8 019 04 000	**Axial drilling and milling head ER 16**	
	Weight [kg]:	1.720
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI

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Part-#	Name	
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	44
8 019 04 001	**Axial drilling and milling head ER 16**	
	Weight [kg]:	1.080
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	30
8 030 03 000	**Radial drilling and milling head ER 11**	
	Weight [kg]:	0.960
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	39
8 030 04 000	**Radial drilling and milling head ER 16**	
	Weight [kg]:	0.700
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	39
8 033 03 001	**Radial drilling and milling head ER 11**	
	Weight [kg]:	1.220
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1

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Part-#	Name	
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 03 002	**Radial drilling and milling head ER 11**	
	Weight [kg]:	1.300
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1,556
	Torque max [Nm]:	4
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 001	**Radial drilling and milling head ER 16**	
	Weight [kg]:	1.240
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 005	**Radial drilling and milling head ER 16 IC**	
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
8 037 09 000	**Radial disk mill head shaft diameter 5-16**	
	Weight [kg]:	2.700
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,25:1

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Part-#	Name	
	Torque max [Nm]:	15
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
8 040 03 000	**Universal head ± 90° adjustable ER 11 AX**	
	Weight [kg]:	2.020
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 040 04 000	**Universal head ± 90° adjustable ER 16**	
	Weight [kg]:	2.040
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 200 00 000	**Tool holder A2-16x 60**	
	Weight [kg]:	0.640
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 000	**Tool holder A1-16x 44**	
	Weight [kg]:	1.280
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 001	**Plug Z2-16 K**	
	Weight [kg]:	0.014
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 002	**Plug Z2-16 S**	
	Shank size [mm]:	16.00
	Shank type:	VDI
8 208 07 000	**Test mandrel VDI 16x30x120**	
	Weight [kg]:	0.768
	Shank size [mm]:	16.00
	Shank type:	VDI

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Part-#	Name	
8 208 07 001	**Set up holder 16x30x100**	
	Weight [kg]:	0.640
	Shank size [mm]:	16.00
	Shank type:	VDI
8 210 02 000	**Tool holder E2-16x 6**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext
8 210 03 000	**Tool holder E2-16x 8**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 03 001	**Short drill chuck VDI 16x 8**	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	EXT
8 210 03 002	**Short drill chuck VDI 16x 8 - IC**	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	IC
8 210 03 003	**Tool holder E4-16xER 11**	
	Weight [kg]:	0.200
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Coolant:	IC
8 210 04 000	**Tool holder E2-16x12**	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 04 001	**Tool holder E4-16xER 20**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Coolant:	IC
8 210 04 003	**Tool holder E2-16x10**	
	Weight [kg]:	0.340
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext

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Part-#	Name	
8 210 04 004	**Tool holder E4-16xER 16**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Coolant:	IC
8 210 04 005	**Tool holder E2-16x14**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext
8 210 05 000	**Tool holder E2-16x16**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 05 001	**Tool holder E3-16x C 16**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
8 210 06 000	**Tool holder E2-16x20**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 214 01 000	**Tool holder C3-16x12**	
	Weight [kg]:	0.440
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 214 01 001	**Tool holder C1-16x12**	
	Weight [kg]:	0.500
	Employment for:	VDI 16
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 000	**Tool holder B1-16x12x24**	
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT

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Part-#	Name	
8 234 01 001	**Tool holder B3-16x12x24**	
	Weight [kg]:	0.300
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 002	**Tool holder B7-16x12x24**	
	Weight [kg]:	0.420
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 003	**Tool holder B5-16x12x24**	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 004	**Tool holder B3-16x12x34**	
	Weight [kg]:	0.400
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 005	**Tool holder B1-16x12x34**	
	Weight [kg]:	0.380
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 006	**Tool holder B5-16x12x34**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 007	**Tool holder B7-16x12x34**	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 262 07 000	**Stock stop VDI 16 - Ø 28**	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm

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Part-#	Name	
8 262 08 000	**Stock stop VDI 16 - Ø 35**	
	Weight [kg]:	0.320
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 09 000	**Stock stop VDI 16 - Ø 45**	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 267 09 000	**Bar pick-up VDI 16 offset**	
	Weight [kg]:	0.480
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Chuck jaws 18-36 mm special accessories
8 320 01 004	**Cut-off holder, height adjustable SH 19**	
	Weight [kg]:	0.560
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 19
	Coolant:	EXT
8 320 01 005	**Tool holder height adjustable sq. 12**	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 320 01 006	**Tool holder height adjustable sq. 12 ÜK**	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT

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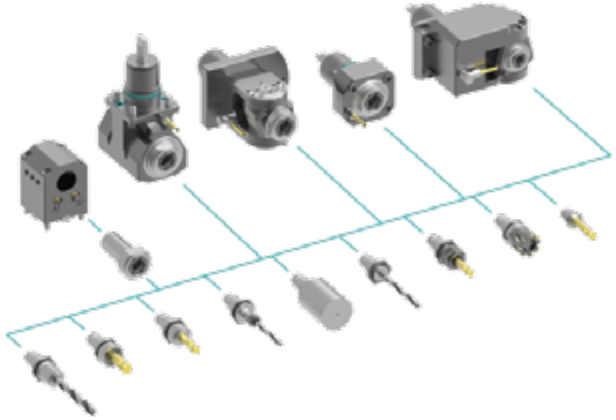
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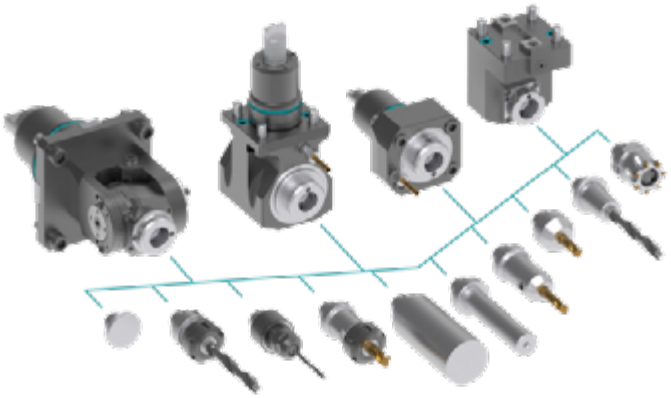
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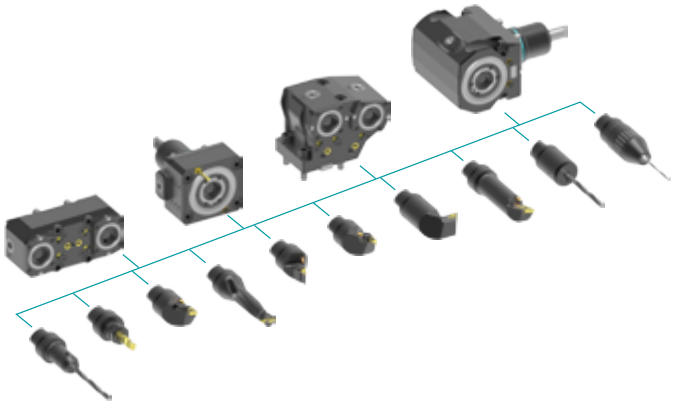
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