

SPINNER

Baruffaldi VDI

16



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




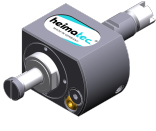
Tool systems for gear production


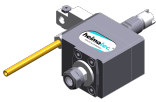
Digital tool management

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The current version of our General Terms and Conditions can be found on our website.

Part-#	Name	
8 010 03 002	Axial drilling and milling head ER 11	
	Weight [kg]:	0.670
	Tool drive:	Coupling
	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 04 004	Axial drilling and milling head ER 16	
	Weight [kg]:	0.660
	Tool drive:	Coupling
	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
8 010 04 006	Axial drilling and milling head ER 16 AX IC	
	Weight [kg]:	1.000
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 011 02 001	Axial milling head arbor 10	
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 03 001	Axial drilling and milling head ER 11	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Offset [mm]:	44
8 019 03 002	Axial drilling and milling head ER 11	
	Weight [kg]:	1.950
	Notation:	offset
	Employment for:	Front and reverse operation
	Version:	double spindle
	Tool drive:	Coupling
	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/opposite
	Coolant:	EXT
	Offset [mm]:	56
8 019 03 003	Axial drilling and milling head ER 11	
	Weight [kg]:	1.170
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	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 04 009	Axial drilling and milling head ER 16	
	Weight [kg]:	1.950
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
8 019 04 011	Axial drilling and milling head ER 16	
	Weight [kg]:	2.060
	Notation:	offset
	Employment for:	Front and reverse operation
	Version:	double spindle
	Tool drive:	Coupling
	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/opposite
	Coolant:	EXT
	Please note:	with special rail
	Offset [mm]:	56
8 030 04 002	Radial drilling and milling head ER 16	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	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
8 030 04 004	Radial drilling and milling head ER 16 IC	
	Weight [kg]:	0.720
	Version:	right
	Tool drive:	Coupling
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	39
8 031 03 001	Radial milling head arbor 13	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	39
8 033 03 003	Radial drilling and milling head ER 11	
	Weight [kg]:	1.220
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	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:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 03 006	Radial drilling and milling head ER 11	
	Weight [kg]:	1.210
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	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 04 004	Radial drilling and milling head ER 16	
	Weight [kg]:	1.240
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	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 04 006	Radial drilling and milling head HT 2	
	Weight [kg]:	1.220
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000

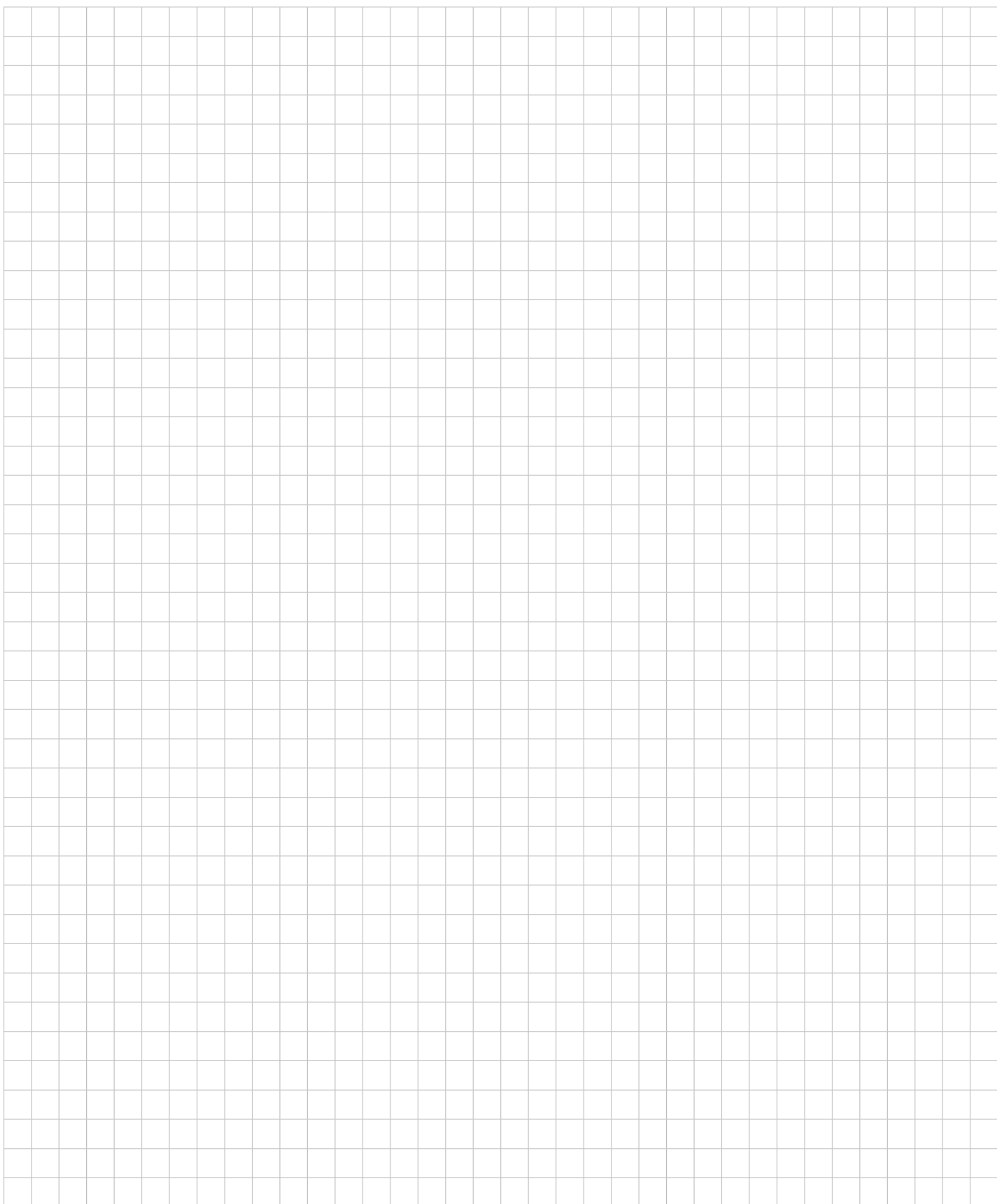


Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 007	Radial drilling and milling head ER 16 IC	
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
8 033 04 010	Radial drilling and milling head ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	3:1
	Torque max [Nm]:	18
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 037 03 001	Woodruff keycutter ER 11	
	Weight [kg]:	2.080
	Tool drive:	Coupling
	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
8 038 03 002	Radial drilling and milling head ER 11	
	Weight [kg]:	2.860
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	Coupling
	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

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Part-#	Name
	Coolant: EXT
	Center distance [mm]: 90,5





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