

SPINNER

**TC 42-MC - VDI
20 mit Zahnrad**



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 14 005	Axial drilling and milling head ER 16	
	Weight [kg]:	0.950
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 14 006	Axial drilling and milling head ER 20	
	Weight [kg]:	0.940
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 14 000	Axial drilling and milling head ER 20	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	50
8 019 14 001	Axial drilling and milling head ER 20	
	Weight [kg]:	2.640
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	60

Part-#	Name	
8 019 14 002	Axial drilling and milling head ER 20	
	Weight [kg]:	2.140
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	60
8 019 14 016	Axial drilling and milling head ER 20	
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	60
8 030 14 005	Radial drilling and milling head ER 20	
	Weight [kg]:	1.540
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
8 030 14 006	Radial drilling and milling head ER 16	
	Weight [kg]:	1.480
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50

Part-#	Name	
8 030 15 002	Radial drilling and milling head HT 3	
	Weight [kg]:	1.510
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	50
8 030 15 003	Radial drilling and milling head HT 3 IC	
	Weight [kg]:	1.720
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	50
8 031 14 002	Radial milling head universal arbor 16	
	Weight [kg]:	1.560
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 033 14 005	Radial drilling and milling head ER 16	
	Weight [kg]:	2.500
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
8 033 14 007	Radial drilling and milling head ER 20	
	Weight [kg]:	2.140
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	70
8 033 14 028	Radial drilling and milling head ER 20 IC	
	Weight [kg]:	2.430
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	70
8 033 15 002	Radial drilling and milling head HT 3 IC	
	Notation:	offset
	Version:	right
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	70
8 037 19 000	Radial disk mill head shaft diameter 5-16	
	Weight [kg]:	4.420
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,889:1
	Torque max [Nm]:	30
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor, max. milling cutter Ø 63
	Center distance [mm]:	72
	Offset [mm]:	46

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Part-#	Name	
8 040 14 000	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.020
	Tool drive:	Gear
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	63
8 200 10 000	Tool holder A2-20x 70	
	Shank size [mm]:	20.00
	Shank type:	VDI
8 200 11 000	Plug Z2-20 S	
	Weight [kg]:	0.380
	Shank size [mm]:	20.00
	Shank type:	VDI
8 200 11 001	Plug Z2-20 K	
	Weight [kg]:	0.030
	Shank size [mm]:	20.00
	Shank type:	VDI
8 200 12 000	Tool holder A1-20x 65	
	Shank size [mm]:	20.00
	Shank type:	VDI
8 208 19 000	Set up holder 20x40x100	
	Shank size [mm]:	20.00
	Shank type:	VDI
8 210 11 000	Tool holder F 20-MK 1	
	Weight [kg]:	0.720
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
8 210 12 001	Tool holder E2-20x 6	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext
8 210 12 002	Tool holder F 20-MK 2	
	Weight [kg]:	0.720
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC

Part-#	Name	
8 210 13 001	Tool holder E2-20x 8	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 13 002	Short drill chuck VDI 20x 8	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	EXT
8 210 13 003	Short drill chuck VDI 20x 8 - IC	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	IC
8 210 13 005	Tool holder E4-20xER 11	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Coolant:	IC
8 210 14 000	Short drill chuck VDI 20x13 - IC	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	IC
8 210 14 001	Tool holder E4-20xER 16	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Coolant:	IC
8 210 14 005	Tool holder E2-20x10	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
8 210 14 007	Tool holder E1-20x10	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
8 210 14 008	Tool holder E1-20x12	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
8 210 14 009	Short drill chuck VDI 20x13	
	Weight [kg]:	1.520
	Shank size [mm]:	20.00
	Shank type:	VDI
	Coolant:	EXT

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Part-#	Name	
8 210 14 011	Tool holder E1-20x14	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC
8 210 14 012	Tool holder E2-20x14	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext
8 210 15 000	Tool holder E2-20x16	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 15 001	Tool holder E4-20xER 25	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
8 210 15 002	Tool holder E1-20x16	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
8 210 15 005	Tool holder E3-20x C 16	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
8 210 15 007	Tool holder E2-20x18	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC/Ext
8 210 15 008	Tool holder HT 3 IC	
	Weight [kg]:	0.590
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	HT 3
	Coolant:	IC/Ext
8 210 16 000	Tool holder E2-20x20	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext

Part-#	Name	
8 210 16 001	Tool holder E1-20x20	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC
8 210 16 003	Tool holder E3-20x C 20	
	Weight [kg]:	0.680
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 20
	Coolant:	IC
8 210 16 004	Tool holder E4-20xER 32	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC
8 210 17 000	Tool holder E1-20x25	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
8 210 17 002	Tool holder E2-20x25	
	Weight [kg]:	0.740
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
8 214 11 000	Tool holder C1-20x16/55	
	Weight [kg]:	0.900
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 214 11 001	Tool holder C1-20x16/50	
	Weight [kg]:	1.140
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 214 11 002	Tool holder C3-20x16/55	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 214 11 003	Tool holder C3-20x16/50	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT

Part-#	Name	
8 234 11 000	Tool holder B1-20x16x30	
	Weight [kg]:	0.560
	Employment for:	VDI 20
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 001	Tool holder B3-20x16x30	
	Weight [kg]:	0.570
	Employment for:	VDI 20
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 002	Tool holder B3-20x16x40	
	Weight [kg]:	0.760
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 005	Tool holder B1-20x16x40	
	Weight [kg]:	0.740
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 006	Tool holder B5-20x16x30	
	Weight [kg]:	0.900
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 007	Tool holder B5-20x16x40	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 008	Tool holder B7-20x16x30	
	Weight [kg]:	0.730
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 234 11 009	Tool holder B7-20x16x40	
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT

Part-#	Name	
8 262 17 000	Stock stop VDI 20 - Ø 28	
	Weight [kg]:	0.340
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 18 000	Stock stop VDI 20 - Ø 35	
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 19 000	Stock stop VDI 20 - Ø 45	
	Weight [kg]:	0.530
	Notation:	rotating
	Shank size [mm]:	20.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 267 19 000	Bar pick-up VDI 20 offset	
	Weight [kg]:	1.250
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
8 320 12 021	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.000
	Version:	right
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70





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