

SPINNER
**TC 42-MC (DIN
5480
W10x0,8x11)**



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

This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

heimatec GmbH reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

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

Part-#	Name	
8 010 14 007	Axial drilling and milling head ER 20	
	Weight [kg]:	1.007
	Tool drive:	DIN 5480
	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
8 010 14 008	Axial drilling and milling head ER 16	
	Weight [kg]:	0.900
	Tool drive:	DIN 5480
	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 15 000	Axial drilling and milling head Weldon 16	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 15 001	Axial drilling and milling head HT 3	
	Weight [kg]:	0.910
	Tool drive:	DIN 5480
	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:	EXT
8 011 14 003	Axial milling head universal arbor 16	
	Tool drive:	DIN 5480
	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:	same

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
	Coolant:	EXT
	Please note:	Stronger bearing
8 011 14 005	Axial milling head universal arbor 16	
	Weight [kg]:	0.980
	Tool drive:	DIN 5480
	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:	same
	Coolant:	EXT
8 011 15 000	Axial milling head universal arbor 22	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 14 004	Axial drilling and milling head ER 20	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	DIN 5480
	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
	Offset [mm]:	87
8 019 14 006	Axial drilling and milling head ER 20	
	Tool drive:	DIN 5480
	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

Part-#	Name	
8 030 14 009	Radial drilling and milling head ER 20	
	Weight [kg]:	1.480
	Tool drive:	DIN 5480
	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 14 010	Radial drilling and milling head ER 16	
	Weight [kg]:	1.530
	Tool drive:	DIN 5480
	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
8 030 14 011	Radial drilling and milling head ER 16 AX	
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 033 14 010	Radial drilling and milling head ER 16	
	Weight [kg]:	2.140
	Notation:	offset
	Tool drive:	DIN 5480
	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
8 037 19 005	Radial disk mill head shaft diameter 5-16	
	Weight [kg]:	4.400
	Tool drive:	DIN 5480
	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

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor, max. milling cutter Ø 63
	Center distance [mm]:	72
	Offset [mm]:	46
8 038 14 002	Radial drilling and milling head ER 20	
	Weight [kg]:	3.540
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5480
	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
8 039 14 006	Radial drilling and milling head ER 16 AX	
	Notation:	135° angle
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special tool
	Offset [mm]:	30
8 040 13 001	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	1.940
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	20.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	63
8 040 14 002	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	1.860
	Version:	right
	Tool drive:	DIN 5480
	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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
	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
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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
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
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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
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
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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
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
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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)

Part-#	Name	
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
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

SPINNER

TC 42-MC (DIN 5480 W10x0,8x11)



Part-#	Name	
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





heimatec.u-tec®

heimatec.com

Products / Tool change systems /
u-tec® Tool-changing system



versions see catalog



heimatec.easy-quick

heimatec.com

Products / Tool change systems /
easy-quick HT quick-changing system



versions see catalog



heimatec.Capto™

heimatec.com

Products / Tool change systems /
heimatec.Capto™ quick-changing system



versions see catalog



heimatec.accessories

heimatec.com

Products / Accessories



versions see catalog





● heimatec overseas branches

○ global representations of heimatec

heimatec[®]

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
77871 Renchen
Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
<https://heimatec.com/business-partners>