

Emco

Maxxturn 45



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 25 077	Axial drilling and milling head ER 25	
	Weight [kg]:	1.920
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 25 082	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	1.860
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 25 083	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.880
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 016 24 015	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.130
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	34,5

Part-#	Name	
8 030 25 115	Radial drilling and milling head ER 25	
	Weight [kg]:	3.160
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	With fixation rail
	Center distance [mm]:	75
8 030 25 156	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.580
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 030 25 177	Radial drilling and milling head ER 25	
	Weight [kg]:	3.160
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with fixation rail
	Center distance [mm]:	75
8 030 25 360	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.280
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75

Part-#	Name
8 033 25 109	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 4.270
	Notation: offset
	Version: left
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 16
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: reversible in right version
	Center distance [mm]: 75
8 033 25 110	Radial drilling and milling head ER 25 AX UT IC
	Notation: offset
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 16
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: demountable in left version
	Center distance [mm]: 75
8 036 25 062	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 3.760
	Version: doubletoothed
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 8000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 75
8 036 25 063	Radial drilling and milling head ER 25 IC
	Version: doubletoothed
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 25
	Gear ratio [i]: 1:1
	Torque max [Nm]: 16
	Rotation max [1/min]: 8000

Part-#	Name
	Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 75
8 036 25 064	Radial drilling and milling head ER 25
	Weight [kg]: 3.150 Version: doubletoothed Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: ER 25 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Please note: with fixation rail Center distance [mm]: 75
8 036 25 065	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 3.380 Version: doubletoothed Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 25 Rotation max [1/min]: 8000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 75
8 039 25 026	Radial drilling and milling head ER 25
	Weight [kg]: 3.670 Version: double spindle Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: ER 25 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: same/opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 75
8 039 25 060	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 4.350 Version: double spindle Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: ER 25 A - u-tec Gear ratio [i]: 1:1

Part-#	Name	
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	75
8 039 25 067	Radial drilling and milling head ER 25	
	Notation:	offset
	Version:	left; double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 202 20 011	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.800
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 214 21 001	Tool holder C3-25x16	
	Weight [kg]:	1.070
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 214 21 003	Tool holder C1-25x16/12	
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 214 24 001	Universal turning holder sq. 20	
	Weight [kg]:	1.460
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Please note:	with reversible shaft

Part-#	Name	
8 215 21 001	Tool holder C2-25x16	
	Weight [kg]:	1.100
	Version:	Left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 215 21 002	Tool holder C4-25x16	
	Version:	Left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 215 22 002	Tool holder C4-25x20/16	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 215 22 003	Tool holder C2-25x20/16	
	Weight [kg]:	1.140
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 216 22 000	Tool holder C1/C4-25x20/16	
	Weight [kg]:	1.150
	Employment for:	VDI 25
	Version:	doubletoothed
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 230 26 019	Tool holder HT 4	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	HT- insert demountable
	Center distance [mm]:	75
8 230 28 020	Boring bar holder Ø 32	
	Weight [kg]:	2.630
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext

Part-#	Name	
	Center distance [mm]:	75
8 234 24 004	Combi facing holder sq. 20	
	Weight [kg]:	2.320
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	demountable in left version
8 236 27 014	Boring bar holder Ø 25	
	Version:	doubletoothed
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	95
8 239 25 012	Double collet chuck holder ER 25	
	Weight [kg]:	2.960
	Employment for:	Main- and sub spindle
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 251 23 003	Combi double turning holder sq.20/16	
	Weight [kg]:	1.920
	Employment for:	Main- and sub spindle
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
	Please note:	usable as C1, C2, C3, C4
8 253 27 010	Multiple boring bar holder Ø 25	
	Weight [kg]:	4.430
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	70/105
8 262 29 013	Stock stop VDI 25 - Ø 60 OD turret	
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Please note:	Length adjustable
	Center distance [mm]:	75

Part-#	Name	
8 262 29 016	Stock stop VDI 25 - Ø 60 OD turret	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Center distance [mm]:	75
8 320 22 020	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.270
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 014	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.370
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 020	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.540
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal

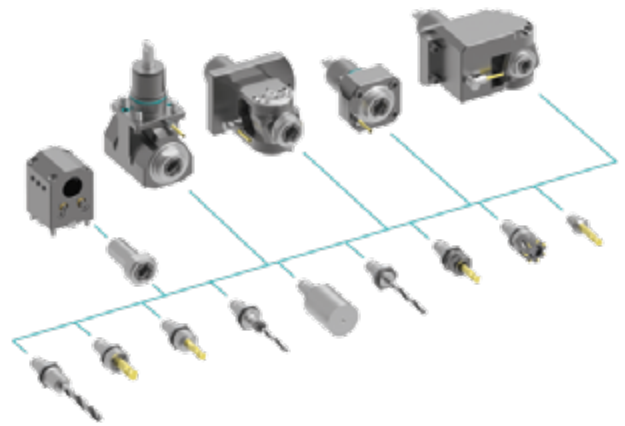
heimatec.u-tec®

heimatec.com

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



versions see catalog



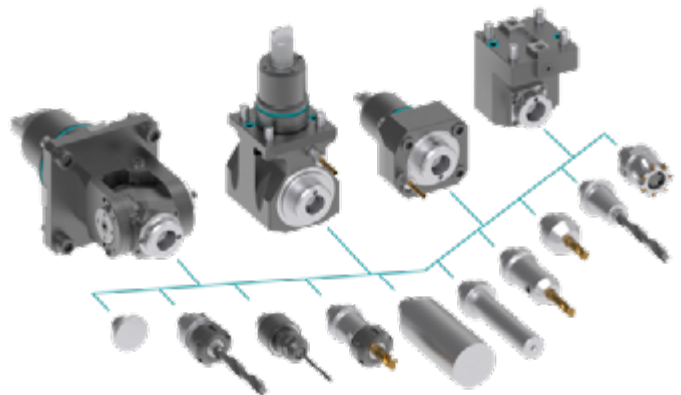
heimatec.easy-quick

heimatec.com

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



versions see catalog



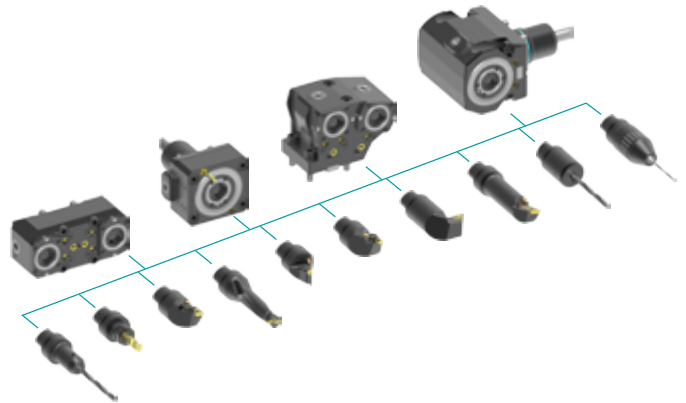
heimatec.Capto™

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>