

Emco

EMCOTURN E45
TM / TCM



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 25 090	Axial drilling and milling head ER 25	
	Weight [kg]:	1.580
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing \varnothing 68
8 010 25 091	Axial drilling and milling head ER 25 IC	
	Weight [kg]:	1.830
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing \varnothing 68
8 010 25 118	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 25 119	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing \varnothing 68

Part-#	Name	
8 030 25 113	Radial drilling and milling head ER 25	
	Weight [kg]:	4.440
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 25 242	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.760
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 25 267	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	4.150
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
8 030 25 277	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.310
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name	
	Center distance [mm]:	64
8 030 25 280	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.200
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	64
8 031 24 046	Radial milling head universal arbor 16	
	Weight [kg]:	3.220
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	64
8 033 25 032	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	4.020
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 033 25 069	Radial drilling and milling head ER 25	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	same

Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	97
	Offset [mm]:	34,5
8 040 24 012	Universal head ± 90° adjustable ER 20	
	Weight [kg]:	2.470
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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
	Please note:	Fixation 180° reversible
	Center distance [mm]:	64
8 040 25 032	Universal head ± 90° adjustable ER 25 AX UT	
	Weight [kg]:	4.660
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
8 040 25 038	Universal head ± 90° adjustable ER 25 AX UT	
	Weight [kg]:	4.890
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
8 040 25 040	Universal head ± 90° adjustable ER 25 AX UT IC	
	Weight [kg]:	3.500
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	88
8 200 20 000	Plug Z2-30 K	
	Weight [kg]:	0.060
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 20 002	Tool holder A2-30x100	
	Weight [kg]:	3.120
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 20 005	Plug Z2-30 S	
	Weight [kg]:	0.740
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 20 008	Tool holder A2-30x240	
	Weight [kg]:	7.160
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 23 000	Tool holder A1-30x 85	
	Weight [kg]:	6.900
	Shank size [mm]:	30.00
	Shank type:	VDI
8 202 23 000	Basic holder transversal set SZ 40	
	Weight [kg]:	0.890
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT
8 210 21 000	Tool holder F 30-MK 1	
	Weight [kg]:	0.960
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
8 210 22 000	Tool holder F 30-MK 2	
	Weight [kg]:	0.880
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC

Part-#	Name	
8 210 22 002	Tool holder E2-30x 6	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext
8 210 23 000	Tool holder F 30-MK 3	
	Weight [kg]:	1.340
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
8 210 23 001	Tool holder E2-30x 8	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 23 007	Short drill chuck VDI 30x 8	
	Weight [kg]:	0.940
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 23 009	Short drill chuck VDI 30x 8 - IC	
	Weight [kg]:	1.000
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 24 002	Tool holder E2-30x12	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 24 003	Short drill chuck VDI 30x13	
	Weight [kg]:	2.100
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 24 010	Tool holder E1-30x10	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
8 210 24 011	Tool holder E1-30x12	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC

Part-#	Name	
8 210 24 014	Short drill chuck VDI 30x13 - IC	
	Weight [kg]:	1.820
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 24 015	Tool holder E1-30x14	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC
8 210 24 021	Tool holder E2-30x14	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext
8 210 25 001	Tool holder E4-30xER 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
8 210 25 002	Tool holder E2-30x16	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 25 004	Tool holder E1-30x16	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
8 210 25 009	Short drill chuck VDI 30x16	
	Weight [kg]:	2.100
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 25 013	Short drill chuck VDI 30x16 - IC	
	Weight [kg]:	1.880
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 25 016	Tool holder E2-30x18	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC/Ext

Part-#	Name	
8 210 25 017	Tool holder E4-30xER 25 - special	
	Weight [kg]:	0.980
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
	Please note:	Special
8 210 25 024	Tool holder ER 25 AX UT IC	
	Weight [kg]:	1.050
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
8 210 26 001	Tool holder E1-30x20	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC
8 210 26 002	Tool holder E2-30x20	
	Weight [kg]:	1.380
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 210 26 005	Tool holder E4-30xER 32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC
8 210 26 011	Tool holder HT 4 IC	
	Weight [kg]:	1.270
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
8 210 27 002	Tool holder E2-30x25	
	Weight [kg]:	1.320
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
8 210 27 005	Tool holder E1-30x25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC

Part-#	Name	
8 210 27 007	Tool holder E3-30x C 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
8 210 27 008	Tool holder E4-30xER 40	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
8 210 27 015	Tool holder E2-30x1" special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
8 210 28 001	Tool holder E1-30x32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
8 210 28 002	Tool holder E2-30x32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
8 210 29 001	Tool holder E1-30x40	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
8 214 22 000	Tool holder C1-30x20/16	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 214 22 001	Tool holder C3-30x20/16	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

Part-#	Name	
8 234 22 000	Tool holder B3-30x20x40	
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 001	Tool holder B1-30x20x40	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 002	Tool holder B5-30x20x40	
	Weight [kg]:	1.790
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 003	Tool holder B1-30x20x60	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 004	Tool holder B3-30x20x60	
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 005	Tool holder B5-30x20x60	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 006	Tool holder B7-30x20x40	
	Weight [kg]:	1.960
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 007	Tool holder B7-30x20x60	
	Weight [kg]:	2.880
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

Part-#	Name	
8 234 22 014	Tool holder B1-30x20x80 special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 015	Tool holder B1-30x20x90 special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 262 29 000	Stock stop VDI 30 - Ø 42	
	Weight [kg]:	0.920
	Notation:	rotating
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Lenght adjustable 62-95mm
8 262 29 003	Stock stop VDI 30 - Ø 60	
	Weight [kg]:	1.180
	Notation:	rotating
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Lenght adjustable 62-95mm
8 267 29 000	Bar pick-up VDI 30 offset	
	Weight [kg]:	1.450
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Chuck jaws 42-65 mm special accessories
8 274 22 000	Tool holder D2-30x20	
	Weight [kg]:	2.220
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 320 22 018	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.780
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 012	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.770
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#

Name

8 320 29 005

Cut-off holder, height adjustable 845 IC

Version:

universal

Shank size [mm]:

30.00

Shank type:

VDI

Tool adaption:

 System 845

Coolant:

IC

Pressure max [bar]:

70

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