

Emco

EMCOTURN E45
- VDI 25



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 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:	Lenght 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 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

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