

Emco

# Hyperturn 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

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Part-#	Name	
<b>8 010 25 077</b>	<b>Axial drilling and milling head ER 25</b>	
	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
<b>8 010 25 082</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	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
<b>8 010 25 083</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	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
<b>8 016 24 015</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	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	
<b>8 030 25 115</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 030 25 156</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	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
<b>8 030 25 177</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 030 25 360</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	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
<b>8 033 25 109</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
	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
<b>8 033 25 110</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
	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
<b>8 036 25 062</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
	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
<b>8 036 25 063</b>	<b>Radial drilling and milling head ER 25 IC</b>
	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
<b>8 036 25 064</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 036 25 065</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	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
<b>8 039 25 026</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 039 25 060</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	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
<b>8 039 25 067</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 202 20 011</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	0.800
	Version:	universal
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 214 21 001</b>	<b>Tool holder C3-25x16</b>	
	Weight [kg]:	1.070
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 21 003</b>	<b>Tool holder C1-25x16/12</b>	
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 214 24 001</b>	<b>Universal turning holder sq. 20</b>	
	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	
<b>8 215 21 001</b>	<b>Tool holder C2-25x16</b>	
	Weight [kg]:	1.100
	Version:	Left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 215 21 002</b>	<b>Tool holder C4-25x16</b>	
	Version:	Left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
<b>8 215 22 002</b>	<b>Tool holder C4-25x20/16</b>	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 215 22 003</b>	<b>Tool holder C2-25x20/16</b>	
	Weight [kg]:	1.140
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 216 22 000</b>	<b>Tool holder C1/C4-25x20/16</b>	
	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
<b>8 230 26 019</b>	<b>Tool holder HT 4</b>	
	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
<b>8 230 28 020</b>	<b>Boring bar holder Ø 32</b>	
	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
<b>8 234 24 004</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	demountable in left version
<b>8 236 27 014</b>	<b>Boring bar holder Ø 25</b>	
	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
<b>8 239 25 012</b>	<b>Double collet chuck holder ER 25</b>	
	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
<b>8 251 23 003</b>	<b>Combi double turning holder sq.20/16</b>	
	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
<b>8 253 27 010</b>	<b>Multiple boring bar holder Ø 25</b>	
	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
<b>8 262 29 013</b>	<b>Stock stop VDI 25 - Ø 60 OD turret</b>	
	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	
<b>8 262 29 016</b>	<b>Stock stop VDI 25 - Ø 60 OD turret</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Center distance [mm]:	75
<b>8 320 23 014</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	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
<b>8 320 23 020</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	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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