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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
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8 010 24 067	Axial drilling and milling head Weldon 14	
Version:		Special
Tool drive:		DIN 5480
Shank size [mm]:		30.00
Shank type:		VDI
Tool adaption:		Weldon (DIN 1835 b) 14
Gear ratio [i]:		1:1
Torque max [Nm]:		25
Rotation max [1/min]:		6000
Rotating direction:		same
Coolant:		EXT
Please note:		stronger bearing, special length

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 ø 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 ø 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



Part-#	Name		
	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 ø 68
8 013 22 000	8 013 22 000	Axial drilling and milling head Weldon 6	
		Version:	left
		Tool drive:	DIN 5480
		Shank size [mm]:	30.00
		Shank type:	VDI
		Tool adaption:	Weldon (DIN 1835 b) 6
		Gear ratio [i]:	1:2
		Torque max [Nm]:	8
		Rotation max [1/min]:	8000
		Rotating direction:	same
	Coolant:	EXT	
8 013 24 014	8 013 24 014	Axial drilling and milling head Weldon 10	
		Version:	left
		Tool drive:	DIN 5480
		Shank size [mm]:	30.00
		Shank type:	VDI
		Tool adaption:	Weldon (DIN 1835 b) 10
		Gear ratio [i]:	1:2
		Torque max [Nm]:	8
		Rotation max [1/min]:	8000
		Rotating direction:	same
	Coolant:	EXT	
8 014 25 002	8 014 25 002	Axial milling head universal arbor 22	
		Tool drive:	DIN 5480
		Shank size [mm]:	30.00
		Shank type:	VDI
		Tool adaption:	Universal arbor 22
		Gear ratio [i]:	2:1
		Torque max [Nm]:	40
		Rotation max [1/min]:	3000
		Rotating direction:	same
		Coolant:	EXT
	Please note:	stronger bearing	
8 018 24 002	8 018 24 002	Axial drilling and milling head ER 16 AX	
		Weight [kg]:	2.800
		Notation:	Y-axes adjustable ± 21 mm
		Tool drive:	DIN 5480
		Shank size [mm]:	30.00
		Shank type:	VDI
	Tool adaption:	ER 16 A	

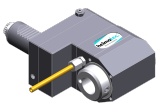
Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 22 001	Axial drilling and milling head ER 8 M	
	Notation:	offset
	Version:	Special; left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 8
	Gear ratio [i]:	1:2,174
	Torque max [Nm]:	5
	Rotation max [1/min]:	9000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special version
	Offset [mm]:	70
8 019 25 008	Axial milling head universal arbor 1"	
	Weight [kg]:	5.300
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 25 025	Axial milling head universal arbor 22	
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5

Part-#	Name	
8 030 25 087	Radial drilling and milling head ER 25	
	Weight [kg]:	3.580
	Version:	left
	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:	EXT
	Center distance [mm]:	85
8 030 25 092	Radial drilling and milling head ER 25	
	Weight [kg]:	3.520
	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:	EXT
	Center distance [mm]:	85
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 25 118	Radial drilling and milling head ER 25 AS IC	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	85

Part-#	Name	
8 030 25 126	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.980
	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
	Center distance [mm]:	85
8 030 25 136	Radial drilling and milling head ER 25 IC	
	Version:	left
	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
	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

Part-#	Name	
	Center distance [mm]:	85
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
8 030 25 323	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.750
	Version:	left
	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 26 140	Radial drilling and milling head HT 4 IC air	
	Weight [kg]:	4.680
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	85
8 031 24 029	Radial milling head universal arbor 16	
	Version:	left
	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

Part-#	Name	
	Center distance [mm]:	85
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
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	97
	Offset [mm]:	34,5
8 033 26 008	Radial drilling and milling head HT 4	
	Weight [kg]:	4.020
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1

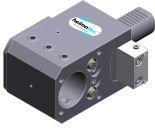



Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	85
8 033 26 015	Radial drilling and milling head HT 4 IC air	
	Weight [kg]:	4.280
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	85
8 036 25 008	Radial drilling and milling head ER 25	
	Weight [kg]:	3.540
	Version:	doubletoothed
	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:	EXT
	Center distance [mm]:	85
8 036 25 038	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.940
	Version:	doubletoothed
	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
	Center distance [mm]:	85
8 036 26 038	Radial drilling and milling head HT 4 IC	
	Notation:	180° reversible
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 039 25 054	Radial drilling and milling head ER 25	
	Weight [kg]:	4.070
	Version:	double spindle; doubletoothed
	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/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 039 25 070	Radial drilling and milling head ER 25	
	Weight [kg]:	4.330
	Version:	360° turnable
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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:	stronger bearing
	Center distance [mm]:	85
8 039 26 025	Radial drilling and milling head HT 4	
	Version:	double spindle; doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85

Part-#	Name	
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
	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
8 209 22 000	Adapter for VDI 30	
	Weight [kg]:	4.000
	Version:	doubletoothed
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	85

Part-#	Name	
8 209 22 006	Adapter for VDI 30	
	Weight [kg]:	4.000
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Please note:	demountable in right version
	Center distance [mm]:	85
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 26 012	Tool holder HT 4 IC	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
8 230 25 016	Boring bar holder Ø 16	
	Employment for:	Main- and sub spindle
	Version:	right / left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 26 027	Boring bar holder Ø 20	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 27 057	Boring bar holder Ø 25	
	Weight [kg]:	4.110
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85

Part-#	Name	
8 230 28 022	Boring bar holder Ø 32	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 29 003	Boring bar holder Ø 40	
	Weight [kg]:	3.900
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 239 25 014	Double collet chuck holder ER 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 239 28 002	Double boring bar holder Ø 32	
	Weight [kg]:	5.570
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	85
8 253 28 005	Double boring bar holder Ø 32	
	Weight [kg]:	4.660
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	60/102
8 262 29 011	Stock stop VDI 30 - Ø 60 OD turret	
	Weight [kg]:	4.540
	Notation:	rotating
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Lenght adjustable
	Center distance [mm]:	85

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