

SPINNER

**TTC 300-SMC /
SMCY / SMMC /
SMMCY**



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 25 098**Axial drilling and milling head ER 25 AX UT**

Weight [kg]: 2.360
 Tool drive: Flat (~DIN 1809)
 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: same
 Coolant: EXT

8 010 25 099**Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 2.560
 Tool drive: Flat (~DIN 1809)
 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: same
 Coolant: IC/Ext
 Pressure max [bar]: 25

8 010 26 037**Axial drilling and milling head HT 4**

Weight [kg]: 2.580
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 25.00
 Shank type: VDI
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: EXT

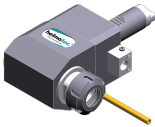

8 010 26 038**Axial drilling and milling head HT 4 IC**


Weight [kg]: 2.560
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 25.00
 Shank type: VDI
 Tool adaption: HT 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 25

8 011 24 015**Axial milling head universal arbor 16**

Weight [kg]: 2.460
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 25.00
 Shank type: VDI
 Tool adaption: Universal arbor 16
 Gear ratio [i]: 1:1

Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 011 25 013	Axial milling head universal arbor 22	
	Weight [kg]:	2.580
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 016 24 000	Axial drilling and milling head HT 2	
	Notation:	offset; 180° reversible
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 016 24 005	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.700
	Notation:	offset; 180° reversible
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	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:	EXT
8 036 24 016	Radial drilling and milling head ER 16 AX UT	
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	75
8 036 24 020	Radial milling head universal arbor 16	
	Weight [kg]:	3.630
	Version:	Special; doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	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]:	75
8 036 25 010	Radial drilling and milling head ER 25	
	Weight [kg]:	3.200
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
8 036 25 011	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.600
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 036 25 025	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.410
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	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

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	75
8 036 25 026	Radial drilling and milling head ER 25	
	Weight [kg]:	4.000
	Version:	doubletoothed; special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 036 25 047	Radial drilling and milling head ER 25 IC	
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
8 036 26 033	Radial drilling and milling head HT 4	
	Weight [kg]:	3.230
	Version:	doubletoothed
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Fixation slide stone
	Center distance [mm]:	75
8 039 25 024	Radial drilling and milling head ER 25	
	Weight [kg]:	3.700
	Employment for:	Main- and sub spindle
	Version:	doubletoothed; double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000

Part-#	Name	
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
8 039 25 046	Radial drilling and milling head ER 25	
	Weight [kg]:	4.520
	Employment for:	Main- and sub spindle
	Version:	doubletoothed; double spindle; special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 040 24 042	Universal head ± 90° adjustable ER 16	
	Version:	right
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	65
8 040 24 065	Universal head ± 90° adjustable ER 16 AX UT IC	
	Weight [kg]:	4.290
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 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
	Center distance [mm]:	85
8 040 24 068	Universal head ± 90° adjustable ER 16 AX UT	
	Weight [kg]:	4.290
	Version:	right
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1

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Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 200 20 001	Plug Z2-25 K	
	Weight [kg]:	0.020
	Shank size [mm]:	25.00
	Shank type:	VDI
8 200 20 004	Plug Z2-25 S	
	Weight [kg]:	0.480
	Shank size [mm]:	25.00
	Shank type:	VDI
8 200 22 000	Tool holder A1-25x 75	
	Shank size [mm]:	25.00
	Shank type:	VDI
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
8 209 21 005	Adapter for VDI 20	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 20
	Center distance [mm]:	75
8 209 22 012	Adapter for VDI 25	
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Center distance [mm]:	75
8 209 22 013	Adapter for VDI 25	
	Weight [kg]:	2.430
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Coolant:	EXT
	Center distance [mm]:	75

Part-#	Name	
8 209 22 014	Adapter for VDI 25	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Center distance [mm]:	75
8 209 22 015	Adapter for VDI 25	
	Weight [kg]:	2.920
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 25
	Center distance [mm]:	75
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
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

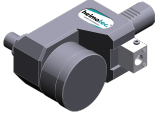
Part-#	Name	
8 215 22 002	Tool holder C4-25x20/16	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 215 22 003	Tool holder C2-25x20/16	
	Weight [kg]:	1.140
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
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 25 008	Collet chuck holder ER 25	
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
8 230 26 016	Collet chuck holder ER 32	
	Weight [kg]:	2.740
	Version:	right, offset
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 230 27 024	Boring bar holder Ø 25	
	Weight [kg]:	2.860
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75



Part-#	Name	
8 230 27 041	Boring bar holder Ø 30	
	Weight [kg]:	2.770
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 30
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
8 230 27 049	Boring bar holder Ø 25	
	Weight [kg]:	3.420
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	95
8 230 27 054	Boring bar holder Ø 1"	
	Weight [kg]:	2.850
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	75
8 230 28 019	Boring bar holder Ø 32	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 231 24 001	Collet chuck holder ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 231 25 004	Collet chuck holder ER 25	
	Weight [kg]:	3.140
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext

Part-#	Name	
	Center distance [mm]:	75
8 231 26 007	Tool holder HT 4	
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	HT- insert demountable
	Center distance [mm]:	75
8 231 28 001	Boring bar holder Ø 32	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	75
8 231 28 003	Boring bar holder Ø 32	
	Notation:	offset
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 231 28 033	Boring bar holder Ø 32	
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	95
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 26 006	Tool holder HT 4	
	Notation:	180° reversible
	Version:	doubletoothed
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Fixation slide stone
	Center distance [mm]:	75

Part-#	Name	
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 26 029	Double tool holder HT 4	
	Weight [kg]:	2.840
	Employment for:	Main- and sub spindle
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
	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 25 001	Double boring bar holder Ø 16	
	Weight [kg]:	4.900
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	70/105
8 253 26 010	Multiple tool holder HT 4	
	Weight [kg]:	4.580
	Version:	Special; double spindle
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
		HT 4
		HT 4
		HT 4
	Coolant:	IC/Ext
	Please note:	Check applicability; tool height 132,5 mm
	Center distance [mm]:	70/112
8 253 26 011	Double tool holder HT 4	
	Weight [kg]:	4.550
	Version:	Special
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	HT 4
		HT 4
	Coolant:	IC/Ext
	Please note:	Check applicability; tool height 132,5 mm
	Center distance [mm]:	70/112

Part-#	Name	
8 253 27 008	Double boring bar holder Ø 25	
	Weight [kg]:	4.430
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	70/105
8 262 29 015	Stock stop VDI 25 - Ø 60 OD turret	
	Weight [kg]:	2.730
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Please note:	Length adjustable
	Center distance [mm]:	75
8 274 21 001	Tool holder D1-25x16	
	Weight [kg]:	1.020
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
8 274 21 002	Tool holder D2-25x16	
	Weight [kg]:	1.220
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Sq. 16/12
	Coolant:	EXT
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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