

Gildemeister **Twin 65 - 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.

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Live tool units

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Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

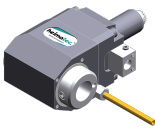
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Part-#	Name	
8 010 25 077	Axial drilling and milling head ER 25	
	Weight [kg]:	1.920
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating 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 25 096	Radial drilling and milling head ER 25
	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
	Center distance [mm]: 75
8 030 25 097	Radial drilling and milling head ER 25 IC
	Weight [kg]: 3.480
	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 25 101	Radial drilling and milling head ER 25 IC
	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: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 75
8 030 25 141	Radial drilling and milling head ER 25 AS IC
	Weight [kg]: 3.580
	Version: left
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 25 A
	Gear ratio [i]: 1:1
	Torque max [Nm]: 16
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 75

Part-#	Name
8 030 26 017	Radial drilling and milling head HT 4
	Version: left Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: HT 4 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 75
8 030 26 019	Radial drilling and milling head HT 4
	Weight [kg]: 3.040 Version: right Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: HT 4 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 75
8 033 24 014	Radial drilling and milling head ER 20
	Weight [kg]: 3.500 Notation: 180° reversible; offset Tool drive: DIN 5480 Shank size [mm]: 25.00 Shank type: VDI Tool adaption: ER 20 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Center distance [mm]: 75
8 033 25 025	Radial drilling and milling head ER 25
	Weight [kg]: 3.620 Notation: offset Employment for: Main spindle 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: same Coolant: EXT Please note: reversible in right and left version Center distance [mm]: 75

Part-#	Name
8 033 25 026	Radial drilling and milling head ER 25
	Weight [kg]: 3.620
	Notation: offset
	Employment for: Sub spindle
	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: same
	Coolant: EXT
	Please note: Reversible in right and left version
	Center distance [mm]: 75
8 036 25 022	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 3.610
	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 26 040	Radial drilling and milling head HT 4
	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 24 015	Radial drilling and milling head ER 20
	Version: double spindle
	Tool drive: DIN 5480
	Shank size [mm]: 25.00
	Shank type: VDI
	Tool adaption: ER 20
	Gear ratio [i]: 1:1
	Torque max [Nm]: 16
	Rotation max [1/min]: 6000
	Rotating direction: same/opposite
	Coolant: EXT

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Twin 65 - VDI 25

Part-#	Name	
	Center distance [mm]:	75
8 040 23 009	Universal head ± 90° adjustable ER 11 AX	
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	70
8 040 23 010	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	2.150
	Tool drive:	DIN 5480
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	55
8 040 24 021	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.500
	Version:	right
	Tool drive:	DIN 5480
	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]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	70
8 040 24 022	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.140
	Version:	right
	Tool drive:	DIN 5480
	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]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	note useable swivel range!
	Center distance [mm]:	55

Part-#	Name
8 040 24 062	Universal head ± 90° adjustable ER 16 AX UT IC
	Weight [kg]: 4.410
	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]: 12
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 87
8 040 24 093	Universal head ± 90° adjustable ER 16 AX UT
	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]: 12
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 87
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
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

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Twin 65 - VDI 25

Part-#	Name	
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
8 215 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 24 002	Collet chuck holder ER 20	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 230 25 011	Collet chuck holder ER 25	
	Weight [kg]:	3.140
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	ER-insert demountable
	Center distance [mm]:	75

Part-#	Name	
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 26 018	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 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
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

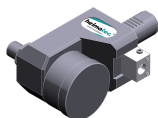
Part-#	Name	
	Center distance [mm]:	75
8 230 28 019	Boring bar holder Ø 32	
	Notation:	offset
	Version:	right
	Shank size [mm]:	25.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 231 24 001	Collet chuck holder ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	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
	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

Part-#	Name	
	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
8 236 26 005	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
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

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Twin 65 - VDI 25

Part-#	Name	
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
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 29 006	Stock stop VDI 25 - Ø 60 OD turret	
	Weight [kg]:	2.740
	Notation:	rotating
	Version:	left
	Shank size [mm]:	25.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Please note:	Length adjustable
	Center distance [mm]:	75
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



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Part-#	Name
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

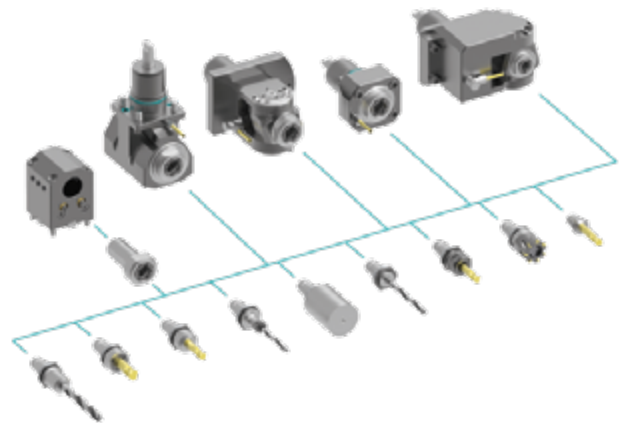
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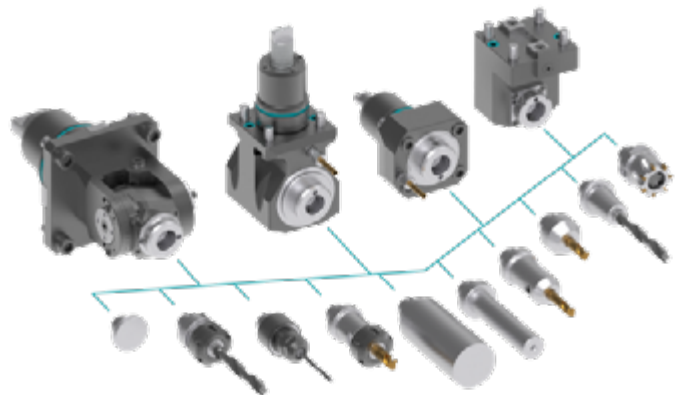
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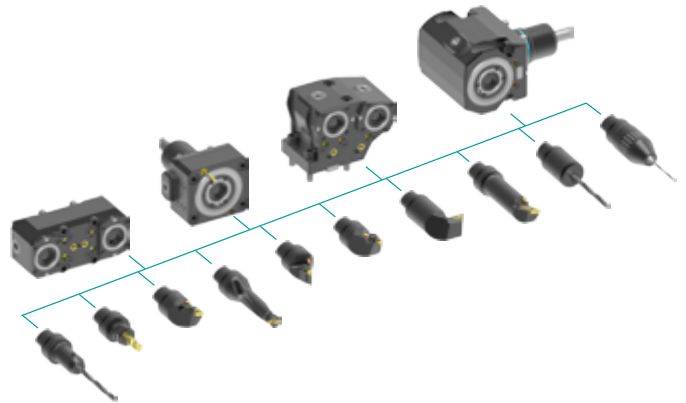
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