

Gildemeister  
**MF Sprint 65**



# 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		
	<b>8 010 25 119</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
		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	<b>Axial drilling and milling head Weldon 6</b>		
	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	<b>Axial drilling and milling head Weldon 10</b>		
	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		
8 019 25 021	<b>Axial drilling and milling head ER 25</b>		
	Weight [kg]:	4.320	
	Notation:	offset	
	Version:	left	
	Tool drive:	DIN 5480	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	ER 25	
	Gear ratio [i]:	1:2	
	Torque max [Nm]:	12	
	Rotation max [1/min]:	12000	
	Rotating direction:	opposite	
	Coolant:	EXT	
Please note:	stronger bearing		
Offset [mm]:	34,5		

Part-#	Name	
<b>8 019 25 027</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	4.360
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	6
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	34,5
<b>8 019 26 002</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	4.300
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	34,5
<b>8 030 24 061</b>	<b>Radial drilling and milling head ER 20 AX</b>	
	Weight [kg]:	3.960
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	70
<b>8 030 24 076</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	2.600
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT


Part-#	Name	
	Center distance [mm]:	55
<b>8 030 24 083</b>	<b>Radial drilling and milling head ER 16 AX</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	6
	Rotation max [1/min]:	16000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 030 25 050</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	2.660
	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]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	55
<b>8 030 25 053</b>	<b>Radial drilling and milling head Weldon 16 IC</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	55
<b>8 030 25 138</b>	<b>Radial drilling and milling head Weldon 16</b>	
	Weight [kg]:	4.020
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	67

Part-#	Name	
<b>8 030 25 277</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.310
	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]:	64
<b>8 030 25 280</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	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
<b>8 030 26 030</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	55
<b>8 031 24 046</b>	<b>Radial milling head universal arbor 16</b>	
	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

Part-#	Name	
<b>8 033 25 032</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	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
<b>8 033 25 069</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 037 29 022</b>	<b>Radial disk mill head shaft diameter 8-22</b>	
	Weight [kg]:	3.500
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,55:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	2400
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
<b>8 040 24 035</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	2.320
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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:	Fixation 180° reversible
	Center distance [mm]:	64

Part-#	Name	
<b>8 040 25 032</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	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
<b>8 040 25 038</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	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
<b>8 040 25 040</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	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
<b>8 200 20 000</b>	<b>Plug Z2-30 K</b>	
	Weight [kg]:	0.060
	Shank size [mm]:	30.00
	Shank type:	VDI
<b>8 200 20 005</b>	<b>Plug Z2-30 S</b>	
	Weight [kg]:	0.740
	Shank size [mm]:	30.00
	Shank type:	VDI

Part-#	Name	
<b>8 202 20 012</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.160
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 209 22 009</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	2.520
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	40
<b>8 210 26 011</b>	<b>Tool holder HT 4 IC</b>	
	Weight [kg]:	1.270
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
<b>8 230 26 013</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	2.220
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	50
<b>8 230 26 014</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	2.580
	Notation:	offset
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	40
<b>8 230 28 012</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	2.380
	Notation:	offset
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	40

Part-#	Name	
<b>8 320 22 019</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.510
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 23 013</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.720
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 23 018</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.910
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
<b>8 320 23 038</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.900
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal, check applicability!
<b>8 320 29 002</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	1.630
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



● heimatec overseas branches

○ global representations of heimatec

**heimatec**<sup>®</sup>

**heimatec GmbH**  
Präzisionswerkzeuge  
Carl-Benz-Str. 4  
77871 Renchen  
Germany

T +49 7843 9466 0  
[www.heimatec.com](http://www.heimatec.com)  
[info@heimatec.com](mailto:info@heimatec.com)

Please find the contact details of our worldwide trading partners on our website:  
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