

Gildemeister  
**CTX 320 linear**  
**V4**



# 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 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

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

Part-#	Name	
<b>8 013 22 000</b>	<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
<b>8 013 24 014</b>	<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
<b>8 013 25 004</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	4.440
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 013 25 007</b>	<b>Axial drilling and milling head Weldon 16</b>	
	Weight [kg]:	4.320
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

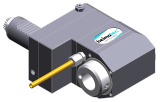
Part-#	Name	
<b>8 014 25 002</b>	<b>Axial milling head universal arbor 22</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 018 24 002</b>	<b>Axial drilling and milling head ER 16 AX</b>	
	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
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 019 25 008</b>	<b>Axial milling head universal arbor 1"</b>	
	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
<b>8 019 25 021</b>	<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 25 025</b>	<b>Axial milling head universal arbor 22</b>	
	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
<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 24 040</b>	<b>Radial drilling and milling head ER 20 AX</b>	
	Weight [kg]:	4.760
	Version:	left
	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

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 030 25 055</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.020
	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]:	100
<b>8 030 25 058</b>	<b>Radial drilling and milling head Weldon 16 IC</b>	
	Version:	left
	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
	Center distance [mm]:	100
<b>8 030 25 087</b>	<b>Radial drilling and milling head ER 25</b>	
	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
<b>8 030 25 118</b>	<b>Radial drilling and milling head ER 25 AS IC</b>	
	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	
<b>8 030 25 136</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	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
<b>8 030 26 013</b>	<b>Radial drilling and milling head Weldon 20 IC</b>	
	Weight [kg]:	4.620
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 030 26 054</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	5.060
	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/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
<b>8 030 26 055</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	4.820
	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:	EXT
	Center distance [mm]:	100

Part-#	Name	
<b>8 030 26 140</b>	<b>Radial drilling and milling head HT 4 IC air</b>	
	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
<b>8 031 24 029</b>	<b>Radial milling head universal arbor 16</b>	
	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
	Center distance [mm]:	85
<b>8 031 26 016</b>	<b>Radial milling head universal arbor 27</b>	
	Weight [kg]:	3.430
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	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>8 033 25 106</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Notation:	offset
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100

Part-#	Name	
8 033 26 008	 <b>Radial drilling and milling head HT 4</b>	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
		Torque max [Nm]: 25
		Rotation max [1/min]: 6000
		Rotating direction: same
		Coolant: EXT
		Center distance [mm]: 85
		8 033 26 015
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		
8 033 26 017	<b>Radial drilling and milling head HT 4 IC</b>	Weight [kg]: 5.860
		Notation: offset
		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]: 12000
		Rotating direction: same
		Coolant: IC/Ext
		Pressure max [bar]: 25
		Center distance [mm]: 100
8 036 25 002	<b>Radial drilling and milling head ER 25 IC</b>	Weight [kg]: 3.990
		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

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
<b>8 036 25 003</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.990
	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]:	100
<b>8 036 25 041</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	4.220
	Notation:	180° reversible
	Version:	doubletoothed
	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]:	100
<b>8 036 25 042</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	4.640
	Notation:	180° reversible
	Version:	doubletoothed
	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]:	100
<b>8 040 24 012</b>	<b>Universal head ± 90° adjustable ER 20</b>	
	Weight [kg]:	2.470
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20

Part-#	Name	
	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
<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
<b>8 040 24 059</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.430
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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]:	88
<b>8 040 24 075</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Weight [kg]:	4.450
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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]:	88

Part-#	Name
<b>8 040 24 077</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>
	Version: left
	Tool drive: DIN 5480
	Shank size [mm]: 30.00
	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: EXT
	Center distance [mm]: 88
<b>8 040 24 078</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>
	Version: left
	Tool drive: DIN 5480
	Shank size [mm]: 30.00
	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]: 88
<b>8 040 24 079</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 30.00
	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: EXT
	Center distance [mm]: 88
<b>8 040 24 081</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>
	Weight [kg]: 4.450
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 30.00
	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]: 88


Part-#	Name	
<b>8 040 24 084</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.440
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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]:	88
<b>8 040 24 087</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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]:	88
<b>8 040 24 108</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.470
	Version:	left, at +45° position can be pinned
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	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]:	88
<b>8 040 25 021</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	4.630
	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]:	88

Part-#	Name	
<b>8 040 25 022</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	4.650
	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:	IC/Ext
	Pressure max [bar]:	140
	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
<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 22 006</b>	<b>Adapter for VDI 30</b>	
	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

Part-#	Name	
	Center distance [mm]:	85
<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>8 210 26 012</b>	<b>Tool holder HT 4 IC</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
<b>8 215 22 000</b>	<b>Tool holder C2-30x20</b>	
	Weight [kg]:	1.980
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 215 22 001</b>	<b>Tool holder C4-30x20</b>	
	Employment for:	VDI 30
	Version:	left
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 231 25 000</b>	<b>Collet chuck holder ER 25</b>	
	Weight [kg]:	3.880
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	dismountable in right version
	Center distance [mm]:	100
<b>8 231 26 011</b>	<b>Tool holder HT 4</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	dismountable in right version
	Center distance [mm]:	100

Part-#	Name	
<b>8 231 26 027</b>	<b>Boring bar holder Ø 20</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
<b>8 231 27 004</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	3.400
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
<b>8 234 24 003</b>	<b>Combi facing holder 30x20x 92</b>	
	Weight [kg]:	4.750
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 235 22 000</b>	<b>Tool holder B2-30x20x40</b>	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 001</b>	<b>Tool holder B2-30x20x60</b>	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 002</b>	<b>Tool holder B4-30x20x40</b>	
	Weight [kg]:	1.360
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

Part-#	Name	
<b>8 235 22 003</b>	<b>Tool holder B4-30x20x60</b>	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 004</b>	<b>Tool holder B6-30x20x40</b>	
	Weight [kg]:	1.860
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 005</b>	<b>Tool holder B6-30x20x60</b>	
	Weight [kg]:	2.450
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 006</b>	<b>Tool holder B8-30x20x40</b>	
	Weight [kg]:	1.880
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 235 22 007</b>	<b>Tool holder B8-30x20x60</b>	
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 274 22 000</b>	<b>Tool holder D2-30x20</b>	
	Weight [kg]:	2.220
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
<b>8 274 22 001</b>	<b>Tool holder D1-30x20</b>	
	Weight [kg]:	2.040
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

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



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**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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