

SPINNER  
TC 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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# SPINNER TC 65

Part-#	Name
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**8 010 22 004**



**Axial drilling and milling head Weldon 6**

Tool drive: DIN 5482  
 Shank size [mm]: 30.00  
 Shank type: VDI  
 Tool adaption: Weldon (DIN 1835 b) 6  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 010 23 004**

**Axial drilling and milling head Weldon 8**

Tool drive: DIN 5482  
 Shank size [mm]: 30.00  
 Shank type: VDI  
 Tool adaption: Weldon (DIN 1835 b) 8  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 010 24 002**



**Axial drilling and milling head ER 20**

Weight [kg]: 1.400  
 Tool drive: DIN 5482  
 Shank size [mm]: 30.00  
 Shank type: VDI  
 Tool adaption: ER 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

**8 010 24 022**

**Axial drilling head b 16 IC**

Tool drive: DIN 5482  
 Shank size [mm]: 30.00  
 Shank type: VDI  
 Tool adaption: DIN 238 - b 16  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: IC/Ext




**8 010 24 033**



**Axial drilling and milling head Weldon 10**

Tool drive: DIN 5482  
 Shank size [mm]: 30.00  
 Shank type: VDI  
 Tool adaption: Weldon (DIN 1835 b) 10  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT

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Part-#	Name	
<b>8 010 24 036</b>	<b>Axial drilling and milling head Weldon 14</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 24 040</b>	<b>Axial drilling and milling head C 12</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 24 055</b>	<b>Axial drilling and milling head ER 16</b>	
	Weight [kg]:	1.900
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 25 000</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	1.480
	Tool drive:	DIN 5482
	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
<b>8 010 25 006</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	1.630
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext

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Part-#	Name
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Pressure max [bar]: 25  
Please note: round housing Ø 68

**8 010 25 018 Axial drilling and milling head ER 25 IC air**



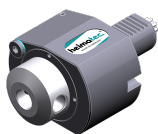
Weight [kg]: 1.910  
Tool drive: DIN 5482  
Shank size [mm]: 30.00  
Shank type: VDI  
Tool adaption: ER 25  
Gear ratio [i]: 1:1  
Torque max [Nm]: 16  
Rotation max [1/min]: 6000  
Rotating direction: same  
Coolant: IC air  
Pressure max [bar]: 10

**8 010 25 042 Axial drilling and milling head ER 25 IC**



Weight [kg]: 1.710  
Tool drive: DIN 5482  
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 25 043 Axial drilling and milling head Weldon 16 IC**







Tool drive: DIN 5482  
Shank size [mm]: 30.00  
Shank type: VDI  
Tool adaption: Weldon (DIN 1835 b) 16  
Gear ratio [i]: 1:1  
Torque max [Nm]: 16  
Rotation max [1/min]: 6000  
Rotating direction: same  
Coolant: IC/Ext  
Pressure max [bar]: 25



**8 010 25 061 Axial drilling and milling head ER 25**

Weight [kg]: 3.400  
Version: Special  
Tool drive: DIN 5482  
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: same  
Coolant: EXT  
Please note: stronger bearing, extended housing

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Part-#	Name	
<b>8 010 25 132</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	1.660
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	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:	round housing ø 68; stronger bearing
<b>8 010 26 002</b>	<b>Axial drilling and milling head Weldon 20</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 68, stronger bearing
<b>8 010 26 011</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	1.640
	Tool drive:	DIN 5482
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 68
<b>8 010 26 016</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	1.410
	Tool drive:	DIN 5482
	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

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Part-#	Name	
<b>8 010 26 021</b>	<b>Axial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	2.800
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
<b>8 010 26 028</b>	<b>Axial drilling and milling head HT 4 IC air</b>	
	Tool drive:	DIN 5482
	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:	same
	Coolant:	IC air
	Pressure max [bar]:	10
<b>8 011 24 000</b>	<b>Axial milling head universal arbor 16</b>	
	Weight [kg]:	1.940
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 011 25 004</b>	<b>Axial milling head universal arbor 22</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 011 26 000</b>	<b>Axial milling head universal arbor 27</b>	
	Weight [kg]:	2.480
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1

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Part-#	Name	
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 013 24 003</b>	<b>Axial drilling and milling head ER 20 AX IC</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	5
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	IC air
	Pressure max [bar]:	10
<b>8 013 24 005</b>	<b>Axial drilling and milling head ER 20 AS</b>	
	Weight [kg]:	3.620
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	6
	Rotation max [1/min]:	15500
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 24 016</b>	<b>Axial drilling and milling head ER 20 AX IC</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	5
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 013 25 000</b>	<b>Axial drilling and milling head ER 25</b>	
	Version:	right
	Tool drive:	DIN 5482
	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

Part-#	Name	
<b>8 013 26 000</b>	<b>Axial drilling and milling head ER 32</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	4:1
	Torque max [Nm]:	64
	Rotation max [1/min]:	1000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 014 26 000</b>	<b>Axial milling head universal arbor 27</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	4:1
	Torque max [Nm]:	64
	Rotation max [1/min]:	1000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 019 24 030</b>	<b>Axial milling head universal arbor 16</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
<b>8 019 24 035</b>	<b>Axial drilling and milling head ER 20 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:3
	Torque max [Nm]:	6
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	34,5

Part-#	Name	
<b>8 019 25 002</b>	<b>Axial drilling and milling head ER 25</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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
	Offset [mm]:	34,5
<b>8 019 25 013</b>	<b>Axial drilling and milling head ER 25</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
<b>8 019 25 014</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	4.060
	Notation:	offset
	Tool drive:	DIN 5482
	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]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	34,5
<b>8 019 25 015</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	34,5

Part-#	Name	
<b>8 019 25 019</b>	<b>Axial milling head universal arbor 22</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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>8 030 24 010</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	2.500
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	54
<b>8 030 24 026</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Coolant:	IC
	Please note:	IC for air
<b>8 030 24 043</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Weight [kg]:	2.760
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	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]:	54
<b>8 030 24 104</b>	<b>Radial drilling and milling head ER 20</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

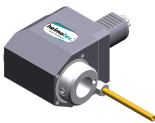
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Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	54
<b>8 030 25 001</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	2.550
	Version:	right
	Tool drive:	DIN 5482
	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]:	54
<b>8 030 25 020</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	2.950
	Version:	right
	Tool drive:	DIN 5482
	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]:	54
<b>8 030 25 043</b>	<b>Radial drilling and milling head Weldon 16 IC</b>	
	Weight [kg]:	3.180
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	54
<b>8 030 25 044</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.420
	Version:	right
	Tool drive:	DIN 5482
	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

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Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	66
<b>8 030 25 110</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.980
	Version:	right
	Tool drive:	DIN 5482
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	66
<b>8 030 25 285</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	2.760
	Version:	right
	Tool drive:	DIN 5482
	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]:	54
<b>8 030 25 290</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	2.980
	Version:	right
	Tool drive:	DIN 5482
	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
	Center distance [mm]:	54
<b>8 030 26 021</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	2.910
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

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Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	54
<b>8 030 26 027</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	2.520
	Tool drive:	DIN 5482
	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:	EXT
	Center distance [mm]:	54
<b>8 030 26 136</b>	<b>Radial drilling and milling head ER 32 AX</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32 A
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	66
<b>8 030 26 158</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	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]:	54
<b>8 031 24 009</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	2.520
	Version:	right
	Tool drive:	DIN 5482
	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

# SPINNER TC 65

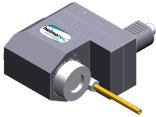
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	54
<b>8 031 25 000</b>	<b>Radial milling head universal arbor 22</b>	
	Weight [kg]:	3.040
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	54
<b>8 031 25 003</b>	<b>Radial milling head universal arbor 22</b>	
	Weight [kg]:	3.900
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	66
<b>8 033 24 006</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	3.560
	Notation:	offset
	Tool drive:	DIN 5482
	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:	same
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 033 24 010</b>	<b>Radial drilling and milling head ER 20 IC</b>	
	Weight [kg]:	4.000
	Notation:	offset
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same

# SPINNER TC 65

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	High pressure version
	Center distance [mm]:	75
	Offset [mm]:	34,5
<b>8 033 25 001</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	3.640
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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
	Center distance [mm]:	75
	Offset [mm]:	34,5
<b>8 033 25 003</b>	<b>Radial drilling and milling head ER 25 IC air</b>	
	Weight [kg]:	4.120
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	same
	Coolant:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	75
<b>8 033 25 009</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.960
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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]:	75
	Offset [mm]:	34,5

# SPINNER TC 65

Part-#	Name	
<b>8 033 25 011</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.540
	Tool drive:	DIN 5482
	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
<b>8 033 25 021</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	87
<b>8 033 25 087</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.870
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
<b>8 033 26 000</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	6.460
	Notation:	offset
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	3,012:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
<b>8 033 26 006</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	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:	stronger bearing
	Center distance [mm]:	75
<b>8 033 26 029</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	3.630
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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]:	75
<b>8 033 26 032</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	4.010
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
	Offset [mm]:	34,5
<b>8 033 26 068</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	4.220
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

# SPINNER TC 65

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
<b>8 033 27 000</b>	<b>Radial drilling and milling head Weldon 1" IC</b>	
	Version:	Special
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 1" (25,4mm)
	Gear ratio [i]:	3:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	IC/Ext
<b>8 034 24 009</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	4.820
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	87
<b>8 034 25 003</b>	<b>Radial milling head universal arbor 22</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 038 24 004</b>	<b>Radial drilling and milling head ER 20</b>	
	Weight [kg]:	4.200
	Notation:	Y-axes adjustable
	Tool drive:	DIN 5482
	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:	same
	Coolant:	EXT

Part-#	Name	
<b>8 038 24 005</b>	<b>Radial drilling and milling head ER 20</b>	
	Tool drive:	DIN 5482
	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]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special version
<b>8 038 25 000</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.260
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	DIN 5482
	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]:	5000
	Rotating direction:	same
	Coolant:	EXT
<b>8 038 25 003</b>	<b>Radial drilling and milling head ER 25</b>	
	Notation:	Y-axes adjustable
	Tool drive:	DIN 5482
	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]:	5000
	Rotating direction:	same
	Coolant:	EXT
<b>8 039 24 010</b>	<b>Radial drilling and milling head ER 20 AX</b>	
	Weight [kg]:	5.360
	Notation:	135° angle
	Version:	Special
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT

# SPINNER TC 65

Part-#	Name
<b>8 040 25 027</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>
	Tool drive: DIN 5482
	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]: 87
<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



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