

Emco

# ET 360 TCM



# 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


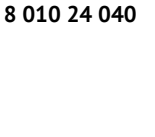



Digital tool management



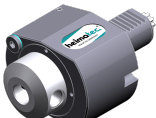
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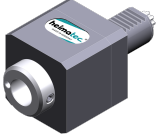
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Part-#	Name	
8 010 22 004	<b>Axial drilling and milling head Weldon 6</b>	
		Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: Weldon (DIN 1835 b) 6 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT
8 010 23 004	<b>Axial drilling and milling head Weldon 8</b>	
		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	<b>Axial drilling and milling head ER 20</b>	
		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	<b>Axial drilling head b 16 IC</b>	
		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	<b>Axial drilling and milling head Weldon 10</b>	
		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

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

Part-#	Name	
	Pressure max [bar]:	25
	Please note:	round housing Ø 68
<b>8 010 25 018</b>	<b>Axial drilling and milling head ER 25 IC air</b>	
	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
<b>8 010 25 042</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	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
<b>8 010 25 043</b>	<b>Axial drilling and milling head Weldon 16 IC</b>	
	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
<b>8 010 25 061</b>	<b>Axial drilling and milling head ER 25</b>	
	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

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

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

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

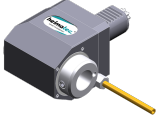
Part-#	Name	
<b>8 013 26 000</b>	<b>Axial drilling and milling head ER 32</b>	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	4:1
	Torque max [Nm]:	64
	Rotation max [1/min]:	1000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	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

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

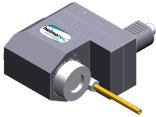
Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	66
<b>8 030 25 110</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.980
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque 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

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

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

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

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

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>8 037 24 007</b>	<b>Woodruff keycutter ER 20 AX</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1,333:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
<b>8 037 29 024</b>	<b>Radial disk mill head shaft diameter 10-22</b>	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	3:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
<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

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
<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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