

HAAS  
TL-25



# High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products\* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

## \*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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<b>8 010 45 107</b>	<b>Axial drilling and milling head ER 25</b>
Weight [kg]:	3.500
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 25
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	round housing Ø 84

<b>8 010 45 116</b>	<b>Axial drilling and milling head ER 25 IC</b>
Weight [kg]:	3.710
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 25
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	round housing ø 84

<b>8 010 45 167</b>	<b>Axial drilling and milling head Weldon 16</b>
Weight [kg]:	3.440
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	Weldon (DIN 1835 b) 16
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	round housing ø 84

<b>8 010 46 177</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>
Weight [kg]:	3.710
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	round housing Ø 84



Part-#	Name
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**8 010 46 188**



**Axial drilling and milling head ER 32 AX UT**

Weight [kg]:	3.440
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	round housing ø 84

**8 010 46 207**

**Axial drilling and milling head ER 32**

Weight [kg]:	3.560
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 32
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	round housing ø 84

**8 010 46 215**



**Axial drilling and milling head ER 32 AX UT IC**

Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	100
Please note:	round housing ø 84; dryrun possible

**8 010 46 274**

**Axial drilling and milling head ER 32 IC**

Weight [kg]:	3.690
Tool drive:	Coupling
Shank size [mm]:	40.00
Shank type:	VDI
Tool adaption:	ER 32
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	round housing ø 84

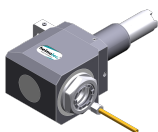
Part-#	Name	
<b>8 010 47 090</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.280
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 84
<b>8 010 47 091</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	3.700
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 84
<b>8 010 47 116</b>	<b>Axial drilling and milling head ER 40</b>	
	Weight [kg]:	3.700
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing, round housing ø84
<b>8 013 44 007</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	3.050
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
<b>8 019 45 078</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	8.060
	Notation:	offset
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	95
<b>8 019 45 123</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.220
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 45 155</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.300
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 46 082</b>	<b>Axial drilling and milling head ER 32</b>	
	Weight [kg]:	8.640
	Notation:	offset
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Offset [mm]:	95
<b>8 019 46 095</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.210
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 46 163</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.280
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 46 220</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	8.000
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50

Part-#	Name	
<b>8 019 47 045</b>	<b>Axial drilling and milling head ER 40</b>	
	Notation:	offset
	Employment for:	Main spindle
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 47 046</b>	<b>Axial drilling and milling head ER 40 IC</b>	
	Weight [kg]:	7.600
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 030 44 077</b>	<b>Radial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	6.670
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
<b>8 030 45 180</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	5.510
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	69
<b>8 030 46 155</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	6.160
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	69
<b>8 030 46 173</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	5.650
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
<b>8 030 46 194</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	6.750
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	69
<b>8 030 46 321</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	5.430
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000



Part-#	Name
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Rotating direction: opposite  
Coolant: EXT  
Center distance [mm]: 69

**8 030 46 330**



**Radial drilling and milling head ER 32 AX UT IC**  
Weight [kg]: 5.940  
Version: left  
Tool drive: Coupling  
Shank size [mm]: 40.00  
Shank type: VDI  
Tool adaption: ER 32 A - u-tec  
Gear ratio [i]: 1:1  
Torque max [Nm]: 50  
Rotation max [1/min]: 6000  
Rotating direction: opposite  
Coolant: IC/Ext  
Pressure max [bar]: 140  
Center distance [mm]: 69

**8 030 46 396**

**Radial drilling and milling head ER 32 AX UT**  
Weight [kg]: 5.380  
Version: left  
Tool drive: Coupling  
Shank size [mm]: 40.00  
Shank type: VDI  
Tool adaption: ER 32 A - u-tec  
Gear ratio [i]: 2:1  
Torque max [Nm]: 63  
Rotation max [1/min]: 3000  
Rotating direction: opposite  
Coolant: EXT  
Center distance [mm]: 69

**8 030 46 397**

**Radial drilling and milling head ER 32 AX UT**  
Weight [kg]: 6.740  
Version: left  
Tool drive: Coupling  
Shank size [mm]: 40.00  
Shank type: VDI  
Tool adaption: ER 32 A - u-tec  
Gear ratio [i]: 1:2  
Torque max [Nm]: 16  
Rotation max [1/min]: 12000  
Rotating direction: opposite  
Coolant: EXT  
Please note: stronger bearing  
Center distance [mm]: 69

**8 030 46 412**


**Radial drilling and milling head ER 32 AX UT IC**  
Weight [kg]: 7.120  
Version: left  
Tool drive: Coupling  
Shank size [mm]: 40.00  
Shank type: VDI  
Tool adaption: ER 32 A - u-tec  
Gear ratio [i]: 1:2  
Torque max [Nm]: 16

Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	69
<b>8 030 47 069</b>	<b>Radial drilling and milling head HT 5</b>	
	Weight [kg]:	5.510
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
<b>8 030 47 083</b>	<b>Radial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	6.110
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	69
<b>8 030 47 133</b>	<b>Radial drilling and milling head Weldon 25</b>	
	Weight [kg]:	7.000
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	69
<b>8 030 47 154</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	6.360
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	69
<b>8 030 47 159</b>	<b>Radial drilling and milling head ER 40 AX UT IC</b>	
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	69
<b>8 031 45 036</b>	<b>Radial milling head universal arbor 22</b>	
	Weight [kg]:	5.710
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
<b>8 031 45 047</b>	<b>Radial milling head universal arbor 22</b>	
	Weight [kg]:	6.300
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	69

Part-#	Name	
<b>8 033 46 064</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	7.780
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 033 46 123</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.640
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 033 47 036</b>	<b>Radial drilling and milling head HT 5</b>	
	Weight [kg]:	7.800
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 033 47 037</b>	<b>Radial drilling and milling head HT 5 IC</b>	
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25



Part-#	Name	
	Center distance [mm]:	100
<b>8 034 46 010</b>	<b>Radial milling head universal arbor 27 IC</b>	
	Weight [kg]:	10.190
	Notation:	offset
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	3:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	With spring-loaded spindle; combi bearing
	Center distance [mm]:	100
<b>8 040 44 082</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	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]:	87
<b>8 040 44 084</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	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]:	87
<b>8 040 44 086</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	5.260
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	40.00
	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

Part-#	Name
	Center distance [mm]: 87
<b>8 040 44 088</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>
	Version: left
	Tool drive: Coupling
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 12
	Rotation max [1/min]: 12000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 87
<b>8 040 45 040</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>
	Weight [kg]: 5.490
	Version: left
	Tool drive: Coupling
	Shank size [mm]: 40.00
	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
	Center distance [mm]: 87
<b>8 040 45 052</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>
	Weight [kg]: 5.540
	Version: left; 1x15° position can be pinned
	Tool drive: Coupling
	Shank size [mm]: 40.00
	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
	Center distance [mm]: 87
<b>8 040 45 075</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>
	Weight [kg]: 5.500
	Version: left
	Tool drive: Coupling
	Shank size [mm]: 40.00
	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

Part-#	Name	
	Center distance [mm]:	87
<b>8 202 43 000</b>	<b>Basic holder transversal set SZ 40</b>	
	Weight [kg]:	1.560
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT
<b>8 224 15 027</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	3.300
	Notation:	180° reversible
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 240 15 017</b>	<b>Boring bar holder Ø 16</b>	
	Weight [kg]:	3.550
	Notation:	180° reversible
	Shank type:	VDI
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	31,75
<b>8 240 16 029</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	3.700
	Notation:	180° reversible
	Shank type:	VDI
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	31,75
<b>8 240 17 057</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	3.370
	Notation:	180° reversible
	Shank type:	VDI
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	31,75
<b>8 240 18 031</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	3.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	31,75

Part-#	Name	
<b>8 240 18 058</b>	<b>Boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	4.430
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	61,4
<b>8 240 19 068</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	2.850
	Notation:	180° reversible
	Shank type:	VDI
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	31,75
<b>8 240 19 069</b>	<b>Boring bar holder Ø 50</b>	
	Weight [kg]:	2.100
	Notation:	180° reversible
	Shank type:	VDI
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	33,5
<b>8 244 15 012</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	3.230
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 251 15 020</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	4.570
	Notation:	180° reversible
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 251 15 021</b>	<b>Combi double turning holder sq. 1"</b>	
	Notation:	180° reversible
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT

Part-#	Name	
<b>8 251 15 022</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	2.600
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 251 15 023</b>	<b>Combi double turning holder sq. 1"</b>	
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 253 15 012</b>	<b>Double boring bar holder Ø 3/4"</b>	
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 3/4" (19,05mm)
	Coolant:	IC/Ext
	Please note:	Center [mm] 45,72(1,8")/83,82(3,3")
<b>8 253 15 013</b>	<b>Double boring bar holder Ø 3/4"</b>	
	Notation:	180° reversible; offset
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 3/4" (19,05mm)
	Coolant:	IC/Ext
	Center distance [mm]:	76,20(3,0")/114,30(4,5")
<b>8 253 16 006</b>	<b>Double boring bar holder Ø 20</b>	
	Weight [kg]:	6.510
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Center [mm] 45,72(1,8")/83,82(3,3")
<b>8 253 16 007</b>	<b>Double boring bar holder Ø 20</b>	
	Weight [kg]:	3.940
	Notation:	180° reversible; offset
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	76,20(3,0")/114,30(4,5")

Part-#	Name	
<b>8 253 17 026</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	6.240
	Notation:	180° reversible
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering bore ø 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Center [mm] 45,72(1,8°)/83,82(3,3°)
<b>8 320 42 018</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 43 009</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.480
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 49 005</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	2.700
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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