

Mazak

**Hyper Quadrex**  
**200 MSY - 16**  
**Stationen**



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

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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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## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 010 44 006</b>	<b>Axial drilling and milling head Weldon 10 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 44 007</b>	<b>Axial drilling and milling head Weldon 12 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 44 008</b>	<b>Axial drilling and milling head Weldon 14 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 45 023</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	3.800
	Tool drive:	Flat (~DIN 1809)
	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
<b>8 010 45 030</b>	<b>Axial drilling and milling head Weldon 16 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	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:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	25
<b>8 010 46 120</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	3.720
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 011 45 006</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	3.860
	Tool drive:	Flat (~DIN 1809)
	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:	same
	Coolant:	EXT
<b>8 019 42 002</b>	<b>Axial drilling and milling head Weldon 6</b>	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 45 029</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.720
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

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Part-#	Name	
<b>8 019 45 041</b>	<b>Axial milling head universal arbor 22</b>	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	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 45 113</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.780
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 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
	Offset [mm]:	50
<b>8 019 45 118</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.640
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 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
	Offset [mm]:	50
<b>8 019 45 125</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.540
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

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Part-#	Name	
<b>8 019 45 131</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.860
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 45 142</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.140
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 45 161</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.640
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	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
	Offset [mm]:	50
<b>8 019 46 021</b>	<b>Axial drilling and milling head Weldon 20 IC</b>	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	50

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Part-#	Name	
<b>8 019 46 053</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	5.200
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50
<b>8 019 46 065</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	6.840
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	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
	Offset [mm]:	50
<b>8 019 46 112</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.640
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	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
<b>8 019 46 142</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	6.700
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	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

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Part-#	Name	
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 46 198</b>	<b>Axial drilling and milling head C 4 IC</b>	
	Weight [kg]:	7.580
	Notation:	offset
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
<b>8 019 46 200</b>	<b>Axial drilling and milling head C 4 IC</b>	
	Weight [kg]:	7.960
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
<b>8 030 43 005</b>	<b>Radial drilling and milling head Weldon 8 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115
<b>8 030 44 009</b>	<b>Radial drilling and milling head Weldon 10 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	25
	Center distance [mm]:	115
<b>8 030 44 010</b>	<b>Radial drilling and milling head Weldon 12 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115
<b>8 030 44 011</b>	<b>Radial drilling and milling head Weldon 14 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115
<b>8 030 45 032</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.520
	Tool drive:	Flat (~DIN 1809)
	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
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 030 45 041</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	8.600
	Tool drive:	Flat (~DIN 1809)
	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
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 030 45 046</b>	<b>Radial drilling and milling head ER 25</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 030 45 049</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.930
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 030 45 055</b>	<b>Radial drilling and milling head Weldon 16 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	115
<b>8 030 45 062</b>	<b>Radial drilling and milling head ER 25 AC IC</b>	
	Weight [kg]:	8.680
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC
	Pressure max [bar]:	60
	Please note:	High pressure version

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Part-#	Name	
<b>8 030 45 063</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 030 45 117</b>	<b>Radial drilling and milling head Weldon 16</b>	
	Tool drive:	Flat (~DIN 1809)
	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:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	115
<b>8 030 45 123</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	15
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	115
<b>8 030 45 191</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.960
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 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]:	115

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Part-#	Name	
<b>8 030 45 217</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.380
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 030 45 282</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	115
<b>8 030 45 293</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.990
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	115
<b>8 030 45 294</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.750
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	115

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Part-#	Name
<b>8 030 45 295</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
	Weight [kg]: 7.970
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:2
	Torque max [Nm]: 16
	Rotation max [1/min]: 12000
	Rotating direction: same
	Coolant: IC
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 115
<b>8 030 46 080</b>	<b>Radial drilling and milling head ER 32</b>
	Weight [kg]: 7.580
	Tool drive: Flat (~DIN 1809)
	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]: 115
<b>8 030 46 092</b>	<b>Radial drilling and milling head Weldon 20 IC</b>
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Weldon (DIN 1835 b) 20
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: stronger bearing
	Center distance [mm]: 115
<b>8 030 46 184</b>	<b>Radial drilling and milling head HT 4</b>
	Weight [kg]: 7.450
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: HT 4
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 115

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Part-#	Name	
<b>8 030 46 185</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	7.990
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	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]:	115
<b>8 030 46 190</b>	<b>Radial drilling and milling head Weldon 20</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with stronger bearing
	Center distance [mm]:	115
<b>8 030 46 314</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.400
	Tool drive:	Flat (~DIN 1809)
	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
	Center distance [mm]:	115
<b>8 030 46 390</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.890
	Tool drive:	Flat (~DIN 1809)
	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]:	115

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 030 47 047</b>	<b>Radial drilling and milling head HT 5</b>	
	Tool drive:	Flat (~DIN 1809)
	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]:	115
<b>8 030 47 048</b>	<b>Radial drilling and milling head HT 5 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	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]:	25
	Center distance [mm]:	115
<b>8 031 44 010</b>	<b>Radial milling head universal arbor 16</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 031 45 007</b>	<b>Radial milling head universal arbor 22</b>	
	Tool drive:	Flat (~DIN 1809)
	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]:	115
<b>8 031 45 011</b>	<b>Radial milling head universal arbor 22</b>	
	Tool drive:	Flat (~DIN 1809)
	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]:	4000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 039 45 013</b>	<b>Radial drilling and milling head ER 25</b>	
	Notation:	360° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	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:	EXT
<b>8 039 45 053</b>	<b>Radial drilling and milling head ER 25 AX</b>	
	Weight [kg]:	8.070
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 039 45 063</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.850
	Notation:	65° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
<b>8 039 45 084</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.760
	Notation:	68° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 039 45 086</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.940
	Notation:	50° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 039 45 105</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	8.120
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	115
<b>8 039 45 124</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.760
	Notation:	55° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 040 45 088</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	5.300
	Tool drive:	Flat (~DIN 1809)
	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
	Please note:	stronger bearing
	Center distance [mm]:	87

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 040 45 089</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	5.050
	Version:	at 45° position can be pinned; special
	Tool drive:	Flat (~DIN 1809)
	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
	Please note:	stronger bearing
	Center distance [mm]:	87
<b>8 050 45 013</b>	<b>Multispindle drilling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.080
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	24,5
<b>8 200 41 000</b>	<b>Plug Ø 40x60</b>	
	Weight [kg]:	1.140
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 202 40 009</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	2.980
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	43
<b>8 202 40 014</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	3.210
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	43

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 214 43 009</b>	<b>Cut-off holder SH 32</b>	
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret center
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
<b>8 214 43 010</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	3.340
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
<b>8 214 43 021</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	3.350
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on right turret side
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft
<b>8 214 44 000</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	5.440
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
<b>8 214 44 002</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	5.480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 214 44 004</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	4.040
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	Special version

## Hyper Quadrex 200 MSY - 16 Stationen

Part-#	Name	
<b>8 214 44 005</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	4.000
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Please note:	Special version
<b>8 214 44 008</b>	<b>Universal turning holder sq. 20</b>	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Please note:	With 1/8" thread
<b>8 230 47 000</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	8.520
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	130
<b>8 230 47 018</b>	<b>Boring bar holder Ø 25</b>	
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	110
<b>8 230 48 004</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	8.100
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	130
<b>8 230 48 008</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	8.580
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60 mm
	Center distance [mm]:	130

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Part-#	Name	
<b>8 230 49 009</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	9.000
	Notation:	offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	130
<b>8 231 49 025</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	8.590
	Notation:	offset
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	130
<b>8 234 44 005</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	8.000
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 239 48 024</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	7.980
	Notation:	offset
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	130
<b>8 251 45 012</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	9.370
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 320 43 019</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	3.720
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#

Name

**8 320 43 021**

**Cut-off holder, height adjustable SH 32 IC**

Shank size [mm]:

40.00

Shank type:

VDI

Tool adaption:

Clampshaft SH 32

Coolant:

IC/Ext

Pressure max [bar]:

70

Please note:

Clampshaft internal

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