

Mazak

**QT Nexus 250 II**  
**M/MS/MY/MSY -**  
**16 Station**



# 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.

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Live tool units

Precision tools

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Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 010 45 117</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.220
	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
	Coolant:	EXT
<b>8 010 45 140</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	3.260
	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
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 46 082</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	3.300
	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 45 005</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	3.460
	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 44 009</b>	<b>Axial milling head universal arbor 16 IC</b>	
	Weight [kg]:	5.840
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80

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Part-#	Name	
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	IC/Ext
	Offset [mm]:	50
<b>8 019 45 028</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	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
<b>8 019 45 039</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 45 115</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.530
	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
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 45 116</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	5.720
	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]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 45 119</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.630
	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
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 45 124</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.720
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 45 146</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.530
	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

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Part-#	Name	
<b>8 019 45 177</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	5.720
	Notation:	offset
	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
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 46 032</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	5.100
	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 46 058</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	5.390
	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
	Offset [mm]:	50
<b>8 019 46 059</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	6.000
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	50

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 019 46 060</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	5.680
	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
	Please note:	stronger bearing
<b>8 019 46 101</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.130
	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]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
<b>8 019 46 108</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	5.500
	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 46 120</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	6.680
	Notation:	offset
	Employment for:	Sub spindle
	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

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	50
<b>8 019 47 036</b>	<b>Axial drilling and milling head HT 5</b>	
	Notation:	offset
	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
	Offset [mm]:	50
<b>8 019 47 037</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Notation:	offset
	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]:	140
	Offset [mm]:	50
<b>8 030 45 042</b>	<b>Radial drilling and milling head ER 25 AX IC</b>	
	Weight [kg]:	7.400
	Employment for:	Sub spindle
	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]:	100
<b>8 030 45 047</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.340
	Employment for:	Main spindle
	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

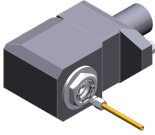
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Part-#	Name	
	Center distance [mm]:	100
<b>8 030 45 051</b>	<b>Radial drilling and milling head ER 25</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	15
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 030 45 069</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	6.880
	Employment for:	Main spindle
	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]:	100
<b>8 030 45 070</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Employment for:	Main spindle
	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]:	140
	Center distance [mm]:	100
<b>8 030 45 102</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	7.640
	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]:	140
	Center distance [mm]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 030 45 183</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.770
	Employment for:	Main 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
	Center distance [mm]:	100
<b>8 030 45 184</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.320
	Employment for:	Main 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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
<b>8 030 45 213</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.820
	Employment for:	Main spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 030 45 234</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	8.340
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name
<b>8 030 45 297</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>
	Weight [kg]: 7.230
	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: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 100
<b>8 030 45 298</b>	<b>Radial drilling and milling head ER 25 AX UT</b>
	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
	Center distance [mm]: 100
<b>8 030 45 313</b>	<b>Radial drilling and milling head ER 25 AX UT</b>
	Weight [kg]: 7.990
	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: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 100
<b>8 030 46 067</b>	<b>Radial drilling and milling head ER 32 IC</b>
	Weight [kg]: 7.800
	Employment for: Main spindle
	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: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 030 46 112</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.880
	Employment for:	Main spindle
	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]:	100
<b>8 030 46 165</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	8.690
	Tool drive:	Flat (~DIN 1809)
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 030 46 176</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	7.390
	Employment for:	Main spindle
	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]:	100
<b>8 030 46 180</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 030 46 312</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.730
	Employment for:	Main spindle
	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]:	100
<b>8 030 46 313</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.350
	Employment for:	Main spindle
	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]:	100
<b>8 031 44 018</b>	<b>Radial milling head universal arbor 16</b>	
	Employment for:	Main spindle
	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]:	100
<b>8 031 45 005</b>	<b>Radial milling head universal arbor 22</b>	
	Employment for:	Main spindle
	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]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 031 45 009</b>	<b>Radial milling head universal arbor 22</b>	
	Employment for:	Main spindle
	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
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 033 46 071</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	8.480
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 033 46 073</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
<b>8 033 46 142</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Notation:	offset
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 037 45 005</b>	<b>Woodruff keycutter ER 25 AX</b>	
	Weight [kg]:	7.080
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A
	Gear ratio [i]:	1333:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 037 49 010</b>	<b>Radial disk mill head shaft diameter 10-25,4</b>	
	Weight [kg]:	6.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,541:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	2400
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
	Center distance [mm]:	96,5
<b>8 038 45 004</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	5.320
	Notation:	Y-axes adjustable
	Employment for:	Sub spindle
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 039 45 011</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.490
	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 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]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 039 45 014</b>	<b>Radial drilling and milling head ER 25 AX</b>	
	Weight [kg]:	8.420
	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]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	Special version
	Center distance [mm]:	100
<b>8 039 45 015</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Notation:	double spindle
	Employment for:	Main- and sub spindle
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 039 45 082</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.640
	Notation:	9° 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
<b>8 039 46 020</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.600
	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 32 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]:	100

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 040 44 039</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	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
	Please note:	Note swivel range
	Center distance [mm]:	87
<b>8 040 44 052</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>	
	Weight [kg]:	5.080
	Tool drive:	Flat (~DIN 1809)
	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
	Please note:	Note swivel range
	Center distance [mm]:	87
<b>8 040 44 057</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b>	
	Weight [kg]:	5.150
	Tool drive:	Flat (~DIN 1809)
	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
	Please note:	Note swivel range
	Center distance [mm]:	87
<b>8 040 45 076</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	5.340
	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

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 040 45 079</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	5.320
	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
<b>8 050 44 037</b>	<b>Multispindle drilling head ER 20 AX UT</b>	
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25/SP.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	± 30
<b>8 050 45 029</b>	<b>Multispindle drilling head ER 25 AX UT</b>	
	Weight [kg]:	5.200
	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:	EXT
	Please note:	stronger bearing
<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 40 002</b>	<b>Basic holder for height adjustable adapter</b>	
	Weight [kg]:	3.340
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT


## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 202 40 005</b>	<b>Basic holder for height adjustable adapter</b>	
	Weight [kg]:	3.300
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 202 40 008</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	3.250
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	40
<b>8 214 43 003</b>	<b>Cut-off holder SH 32</b>	
	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 43 013</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	3.470
	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 43 014</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	3.470
	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 43 018</b>	<b>Cut-off holder SH 32</b>	
	Employment for:	Cut-off tool 32
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
	Please note:	demountalbe clampshaft

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 214 44 001</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	5.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 214 44 003</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	5.320
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 214 45 005</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	5.180
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 230 45 000</b>	<b>Boring bar holder Ø 19</b>	
	Weight [kg]:	7.780
	Employment for:	Main spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 19
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
<b>8 230 45 001</b>	<b>Collet chuck holder ER 25</b>	
	Weight [kg]:	6.780
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max. 91 mm
	Center distance [mm]:	110
<b>8 230 46 002</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	5.260
	Notation:	offset
	Employment for:	Sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 10 mm
	Center distance [mm]:	120

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 230 47 009</b>	<b>Boring bar holder Ø 31,6</b>	
	Employment for:	Main spindle
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 31,6
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
<b>8 230 47 014</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	6.460
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
<b>8 230 48 001</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	6.260
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
<b>8 230 49 012</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	6.170
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 56 mm
	Center distance [mm]:	110
<b>8 230 49 059</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	6.640
	Notation:	offset
	Employment for:	Main spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Offset dimension on center
	Center distance [mm]:	110
<b>8 234 44 000</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	6.700
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

Part-#	Name	
<b>8 234 44 007</b>	<b>Combi facing holder sq. 20</b>	
	Weight [kg]:	6.690
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 239 45 001</b>	<b>Double collet chuck holder ER 25</b>	
	Weight [kg]:	8.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	EXT
	Center distance [mm]:	110
<b>8 239 45 002</b>	<b>Double collet chuck holder ER 25</b>	
	Weight [kg]:	8.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max. 86/54 mm
	Center distance [mm]:	110
<b>8 239 46 001</b>	<b>Double boring bar holder Ø 20</b>	
	Weight [kg]:	7.120
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60/10 mm
	Center distance [mm]:	110
<b>8 239 46 002</b>	<b>Double boring bar holder Ø 20</b>	
	Weight [kg]:	6.020
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	EXT
	Center distance [mm]:	110
<b>8 239 46 005</b>	<b>Double tool holder HT 4</b>	
	Weight [kg]:	6.000
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 60/30 mm
	Center distance [mm]:	110

## QT Nexus 250 II M/MS/MY/MSY - 16 Station

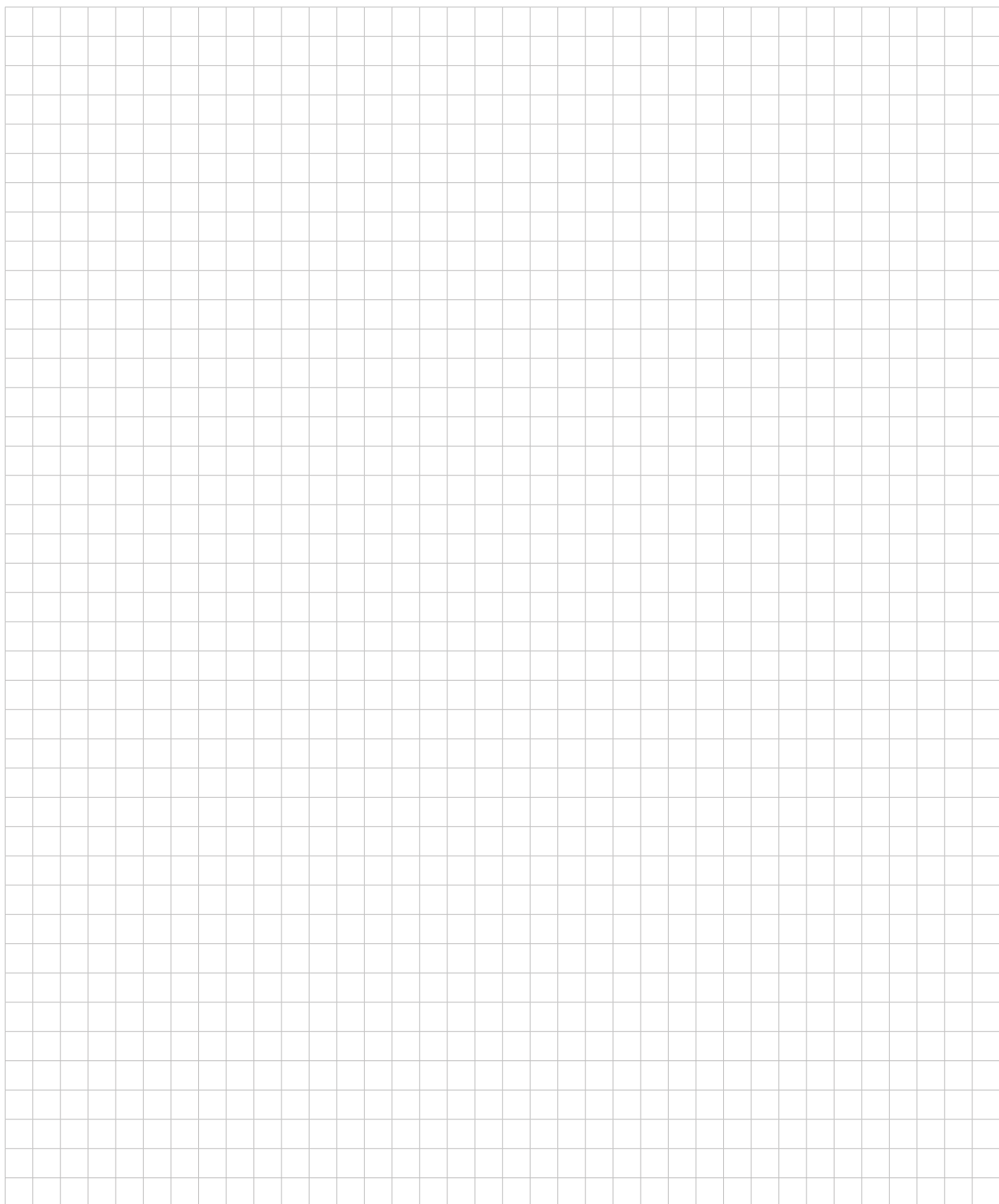
Part-#	Name	
<b>8 239 46 007</b>	<b>Double collet chuck holder ER 32</b>	
	Weight [kg]:	6.280
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	Front edge clamping nut max 80/50 mm
	Center distance [mm]:	110
<b>8 239 46 031</b>	<b>Double tool holder HT 4</b>	
	Weight [kg]:	6.540
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Offset dimension to center 80/10 mm
	Center distance [mm]:	110
<b>8 239 47 026</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	6.600
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	110
<b>8 239 48 006</b>	<b>Double boring bar holder Ø 32</b>	
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Center distance [mm]:	110
<b>8 239 49 020</b>	<b>Double boring bar holder Ø 40</b>	
	Weight [kg]:	6.160
	Employment for:	Main- and sub spindle
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	110
<b>8 251 44 000</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	6.200
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT

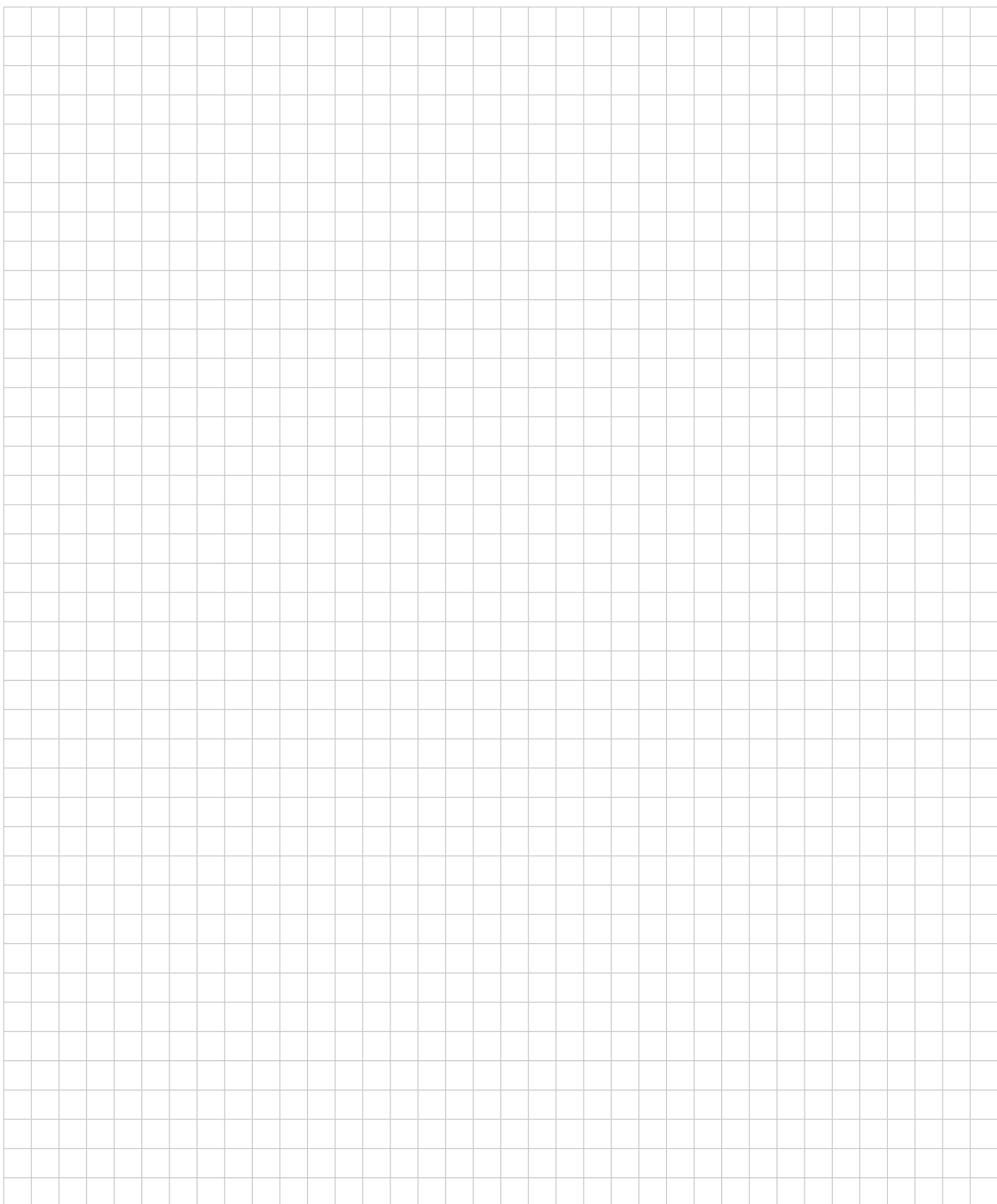
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## QT Nexus 250 II M/MS/MY/MSY - 16 Station

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Part-#	Name
<b>8 320 43 011</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>
	Weight [kg]: 3.860
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Clampshaft SH 32
	Coolant: IC/Ext
	Pressure max [bar]: 70





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