

Mori Seiki

**ZL 150**

**MC/SMC/Y/SY**



# 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	
<b>8 010 35 000</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	3.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	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:	stronger bearing
<b>8 010 35 001</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	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:	stronger bearing
<b>8 013 34 000</b>	<b>Axial drilling and milling head ER 16 AS</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	6
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 34 002</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:4
	Torque max [Nm]:	3
	Rotation max [1/min]:	16000
	Rotating direction:	same
	Coolant:	EXT
<b>8 030 35 002</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	6.900
	Employment for:	Main spindle (front operation)
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Machine: Mori Seiki, SL 154 MC/SMC/Y/SY
	Center distance [mm]:	67,5
<b>8 030 35 003</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.300
	Employment for:	Sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	67,5
<b>8 030 35 006</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Employment for:	Main spindle (front operation)
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	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]:	140
	Please note:	Machine: Mori Seiki, SL 154 MC/SMC/Y/SY
	Center distance [mm]:	67,5
<b>8 031 34 000</b>	<b>Radial polygon head arbor 16</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 039 35 000</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.650
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
	Center distance [mm]:	67,5
<b>8 040 34 001</b>	<b>Universal head + 90°/-72° adj. ER16</b>	
	Weight [kg]:	3.780
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range
<b>8 040 34 004</b>	<b>Universal head + 90°/-72° adj. ER20</b>	
	Weight [kg]:	3.860
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	32.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range
<b>8 202 10 015</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
	Center distance [mm]:	15,5
<b>8 240 18 014</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	2.340
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	35
<b>8 240 18 015</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	2.500
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Special version

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Part-#	Name	
<b>8 251 14 003</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	3.600
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
<b>8 253 17 011</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	3.630
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	35/75

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