

Mori Seiki  
**NLX 4000-12**  
**(high torque) -**  
**BMT 60**



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

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

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

## \*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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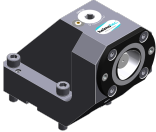
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## NLX 4000-12 (high torque) - BMT 60

Part-#	Name	
<b>8 010 67 118</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	60.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
<b>8 200 64 001</b>	<b>Cover plate</b>	
	Weight [kg]:	2.610
	Shank type:	BMT
<b>8 202 10 010</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	2.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 224 12 007</b>	<b>Cut-off holder sq. 25</b>	
	Weight [kg]:	3.500
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 224 12 017</b>	<b>Cut-off holder sq. 1"</b>	
	Weight [kg]:	4.050
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 224 14 002</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	4.910
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 224 15 003</b>	<b>Universal turning holder sq. 25</b>	
	Weight [kg]:	5.460
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80

## NLX 4000-12 (high torque) - BMT 60

Part-#	Name	
<b>8 224 15 014</b>	<b>Universal turning holder sq. 1"</b>	
	Weight [kg]:	5.560
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm) Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 240 18 034</b>	<b>Tool holder C 6 IC</b>	
	Weight [kg]:	13.920
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	heimatec Capto(TM) C 6
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	110
<b>8 240 19 033</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	11.210
	Notation:	180° reversible
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	120
<b>8 244 15 001</b>	<b>Combi facing holder sq. 25</b>	
	Weight [kg]:	9.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25 Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	75
<b>8 244 15 004</b>	<b>Combi facing holder sq. 1"</b>	
	Weight [kg]:	9.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm) Sq. 1" (25,4mm)
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 251 14 007</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	7.800
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT

## NLX 4000-12 (high torque) - BMT 60

Part-#	Name	
<b>8 251 15 001</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	8.280
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 251 15 002</b>	<b>Combi double turning holder sq. 25</b>	
	Weight [kg]:	10.020
	Version:	extended
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
<b>8 251 15 009</b>	<b>Combi double turning holder sq. 1"</b>	
	Weight [kg]:	8.290
	Version:	short
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 251 15 010</b>	<b>Combi double turning holder sq. 1"</b>	
	Weight [kg]:	10.030
	Version:	long
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 253 18 001</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	11.900
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	80/125
<b>8 253 18 007</b>	<b>Double boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	12.440
	Employment for:	Main- and sub spindle
	Shank size [mm]:	59.70
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext

## NLX 4000-12 (high torque) - BMT 60

Part-#	Name	
	Center distance [mm]:	80/125
<b>8 253 18 010</b>	<b>Double boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	11.260
	Employment for:	Main- and sub spindle
	Shank size [mm]:	59.70
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	65/120
<b>8 259 12 001</b>	<b>Multiple turning holder sq. 25 / 1"</b>	
	Weight [kg]:	6.470
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
<b>8 259 12 002</b>	<b>Multiple turning holder sq. 25 / 1"</b>	
	Weight [kg]:	11.830
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
		Sq. 25/1" (25,4mm)
	Coolant:	EXT
<b>8 320 13 009</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.990
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 19 005</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	2.830
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

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