

DMG MORI
NLX 2500 - 20
Stationen



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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8 010 45 177 **Axial drilling and milling head ER 25 AS UT IC**

Weight [kg]: 3.540
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 Shank type: BMT
 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

8 010 45 190 **Axial drilling and milling head ER 25 AS UT IC**




Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 Shank type: BMT
 Tool adaption: ER 25 A - u-tec
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 10000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 80
 Please note: Dryrun possible



8 010 46 254 **Axial drilling and milling head ER 32 AX UT IC**

Weight [kg]: 4.230
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 Shank type: BMT
 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: stronger bearing

8 010 46 279 **Axial drilling and milling head C 4**



Weight [kg]: 4.120
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 40.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 4
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: EXT
 Please note: Check applicability; tool length check!

Part-#	Name	
8 010 46 295	Axial drilling and milling head ER 32 AS UT	
	Weight [kg]:	2.820
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
8 010 46 296	Axial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	3.690
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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
8 010 46 300	Axial drilling and milling head HT 4 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 46 306	Axial drilling and milling head ER 32 AS UT IC	
	Weight [kg]:	3.980
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Please note:	Dryrun possible

Part-#	Name
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8 013 43 000



Axial drilling and milling head ER 11

Weight [kg]:	0.740
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
Tool adaption:	ER 11
Gear ratio [i]:	1:4
Torque max [Nm]:	5
Rotation max [1/min]:	48000
Rotating direction:	same
Coolant:	EXT

8 013 44 009

Axial drilling and milling head ER 16 AX UT

Weight [kg]:	2.410
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
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

8 013 44 010



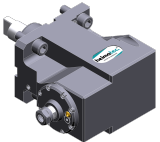
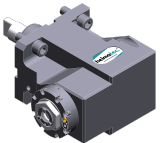
Axial drilling and milling head ER 16 AX UT IC


Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
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:	IC/Ext
Pressure max [bar]:	80




8 019 45 178

Axial drilling and milling head ER 25 AX UT

Weight [kg]:	7.330
Notation:	offset
Employment for:	Main spindle
Version:	Special
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	40.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	40
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	100


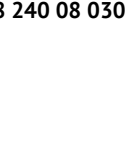

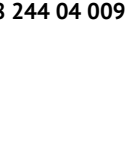
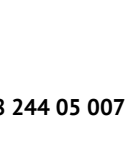
Part-#	Name	
8 019 46 217	Axial drilling and milling head C 4 IC	
	Weight [kg]:	9.060
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	39.90
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Offset [mm]:	110
8 030 43 012	Radial drilling and milling head ER 11	
	Weight [kg]:	6.790
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	48000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 44 079	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	6.860
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	85
8 030 45 139	Angle-mill- and drill holder ER 25 AS UT	
	Weight [kg]:	6.970
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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

Part-#	Name	
	Center distance [mm]:	85
8 030 45 195	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	85
8 030 45 202	Radial drilling and milling head ER 25 AS UT	
	Weight [kg]:	6.940
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 45 573	Radial drilling and milling head ER 25 AS UT IC	
	Weight [kg]:	7.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 45 588	Radial drilling and milling head ER 25 AS UT	
	Weight [kg]:	6.527
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	85
8 030 46 320	Angle-mill- and drill holder ER 32 AS UT IC	
	Weight [kg]:	7.000
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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:	Combi bearing
	Center distance [mm]:	85
8 031 45 058	Radial milling head universal arbor 1"	
	Weight [kg]:	7.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	85
8 039 45 094	Radial drilling and milling head ER 25 AS UT	
	Weight [kg]:	6.500
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 039 46 029	Radial drilling and milling head HT 4	
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	HT 4

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	85
8 039 46 072	Radial drilling and milling head ER 32 AS UT	
	Weight [kg]:	7.030
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 043 44 009	Universal head +105°/-20° adj. ER16 AX UT	
	Weight [kg]:	5.450
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	55
	Offset [mm]:	35
8 043 45 009	Universal head +105°/-20° adj. ER25 AX UT	
	Weight [kg]:	5.650
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	55
	Offset [mm]:	35

Part-#	Name	
8 043 45 012	Universal head +105°/-20° adj. ER25 AXUTIK	
	Weight [kg]:	5.660
	Notation:	offset; 180° reversible
	Tool drive:	Flat (-DIN 1809)
	Shank size [mm]:	40.00
	Shank type:	BMT
	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]:	25
	Please note:	stronger bearing
	Center distance [mm]:	55
	Offset [mm]:	35
8 224 04 029	Universal turning holder sq. 20	
	Weight [kg]:	4.040
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 224 04 044	Universal turning holder sq. 20	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 224 05 009	Universal turning holder sq. 25	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
8 240 06 023	Collet chuck holder ER 32	
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	90


Part-#	Name	
8 240 07 063	Boring bar holder Ø 1 1/4"	
		
	Weight [kg]:	6.180
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 240 08 030	Boring bar holder Ø 32	
		
	Weight [kg]:	6.350
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 240 09 020	Boring bar holder Ø 40	
		
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 244 04 009	Combi facing holder sq. 20	
		
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60
8 244 05 007	Combi facing holder sq. 25	
		
	Notation:	180° reversible
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Center distance [mm]:	60

Part-#	Name	
8 249 08 003	Double boring bar holder Ø 32	
	Weight [kg]:	8.590
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 249 09 001	Double boring bar holder Ø 40	
	Weight [kg]:	8.110
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Pressure max [bar]:	80
	Center distance [mm]:	100
8 251 03 005	Combi double turning holder sq. 3/4"	
	Weight [kg]:	5.740
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm)
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm
8 251 04 024	Combi double turning holder sq. 20	
	Weight [kg]:	5.710
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	EXT
	Pressure max [bar]:	80
8 251 05 005	Combi double turning holder sq. 1"	
	Weight [kg]:	5.860
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 1" (25,4mm) Sq. 1" (25,4mm) Sq. 1" (25,4mm) Sq. 1" (25,4mm)
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm

Part-#	Name	
8 251 05 006	Combi double turning holder sq. 25	
	Weight [kg]:	5.860
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
	Pressure max [bar]:	80
	Please note:	short version; 70 mm
8 251 45 010	Combi double turning holder sq. 25	
	Weight [kg]:	5.880
	Shank size [mm]:	40.00
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 25
		Sq. 25
		Sq. 25
		Sq. 25
	Coolant:	EXT
8 259 04 005	Multiple turning holder 4x sq.20/ 3/4"	
	Weight [kg]:	7.000
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Sq. 20/3/4" (19,05mm)
		Sq. 20/3/4" (19,05mm)
		Sq. 20/3/4" (19,05mm)
		Sq. 20/3/4" (19,05mm)
	Coolant:	EXT
8 320 02 023	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	2.030
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 03 033	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	2.290
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal

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Part-#	Name
8 320 09 006	Cut-off holder, height adjustable 845 IC
	Notation: 180° reversible
	Shank type: BMT
	Machine adaption: Centering key slot b 12
	Tool adaption:  System 845
	Coolant: IC
	Pressure max [bar]: 70

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