

Nakamura

TW- 8

MM/ML/MR



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	
8 010 44 012	Axial drilling and milling head ER 16	
	Weight [kg]:	1.520
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 44 028	Axial drilling and milling head ER 20	
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 44 062	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	1.520
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 030 44 016	Radial drilling and milling head ER 16	
	Weight [kg]:	3.540
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	60
8 030 44 020	Radial drilling and milling head ER 20	
	Weight [kg]:	3.580
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	60
8 030 44 071	Radial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.510
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	12
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	60
8 043 43 003	Universal head + 90° adj. ER11 AX	
	Weight [kg]:	4.280
	Notation:	offset
	Version:	Special
	Tool drive:	Bevel gear
	Shank size [mm]:	42.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Note working range
	Center distance [mm]:	25
	Offset [mm]:	72
8 200 03 011	Cover plate	
	Weight [kg]:	0.214
	Shank type:	BMT
8 202 10 005	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.720
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 11 012	Cut-off holder sq. 20	
	Weight [kg]:	0.920
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT

Part-#	Name	
8 224 11 013	Cut-off holder sq. 20	
	Weight [kg]:	0.890
	Employment for:	left cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 224 11 014	Turning holder sq. 3/4"	
	Employment for:	left cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 224 11 015	Cut-off holder sq. 3/4"	
	Weight [kg]:	0.900
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 224 12 008	Cut-off holder SH 26	
	Weight [kg]:	1.010
	Employment for:	Cut-off tool 26
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	EXT
8 224 12 009	Cut-off holder SH 26	
	Weight [kg]:	1.120
	Employment for:	for cut-off tool 26
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	EXT
8 224 13 006	Cut-off holder SH 32	
	Weight [kg]:	0.800
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret center
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT

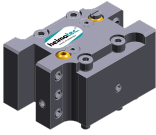

Part-#	Name	
8 224 14 007	Universal turning holder sq. 20	
		Weight [kg]: 2.030 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Coolant: EXT
8 224 14 008	Universal turning holder sq. 3/4"	
		Weight [kg]: 1.970 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Coolant: EXT
8 224 14 017	Universal turning holder sq. 20	
		Notation: 180° reversible Version: short Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Coolant: EXT
8 224 14 024	Universal turning holder sq. 20 IC	
		Weight [kg]: 1.970 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail
8 224 14 030	Universal turning holder sq. 3/4" IC	
		Weight [kg]: 1.700 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail
8 225 11 006	Cut-off holder sq. 20	
		Weight [kg]: 0.900 Employment for: left cutting tools Version: Edge on side of turret Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20

Part-#	Name	
	Coolant:	EXT
8 225 11 007	Cut-off holder sq. 20	
	Weight [kg]:	0.900
	Employment for:	right cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 225 11 008	Cut-off holder sq. 3/4"	
	Weight [kg]:	0.910
	Employment for:	left cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 229 15 006	Tool holder C 3 IC	
	Weight [kg]:	1.880
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability, tool length check!
	Offset [mm]:	45
8 240 15 007	Insert drill holder 16 IC	
	Weight [kg]:	4.540
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 16
	Coolant:	IC
	Center distance [mm]:	75
8 240 15 024	Collet chuck holder ER 25 AX UT	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 15 042	Tool holder C 3 IC	
	Weight [kg]:	2.300
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	70

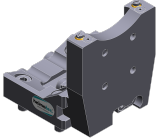
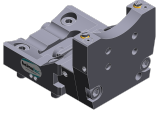
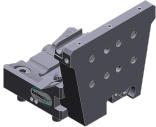

Part-#	Name	
8 240 15 043	Tool holder C 3 IC	
	Weight [kg]:	2.470
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length
	Center distance [mm]:	70
8 240 16 007	Boring bar holder Ø 20	
	Weight [kg]:	2.130
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 16 068	Tool holder C 4 IC	
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 240 17 009	Boring bar holder Ø 25	
	Weight [kg]:	1.740
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	60
8 240 17 020	Boring bar holder Ø 25	
	Weight [kg]:	2.050
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 17 083	Boring bar holder Ø 25	
	Notation:	180° reversible special
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Tool holder on turret center

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Part-#	Name	
	Center distance [mm]:	60
8 240 18 027	Boring bar holder Ø 32	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Tool holder on turret center
	Center distance [mm]:	60
8 240 18 048	Boring bar holder Ø 1 1/4 "	
	Weight [kg]:	2.750
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Tool holder on turret center
	Center distance [mm]:	60
8 244 11 003	Facing holder sq. 20	
	Weight [kg]:	2.550
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 244 11 006	Facing holder sq. 3/4"	
	Weight [kg]:	2.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 249 15 014	Double tool holder C 3 IC	
	Weight [kg]:	3.500
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability!; note tool length!
	Center distance [mm]:	70

Part-#	Name	
8 251 11 004	Double turning holder sq. 20	
		Weight [kg]: 3.250 Notation: 180° reversible Employment for: right cutting tools Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Coolant: EXT
8 251 11 008	Double turning holder sq. 3/4"	
		Weight [kg]: 3.240 Notation: 180° reversible Employment for: right cutting tools Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Coolant: EXT
8 251 14 099	Combi double turning holder sq. 20 IC	
		Weight [kg]: 3.140 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 Sq. 20 Sq. 20 Coolant: IC/Ext Pressure max [bar]: 100 Please note: Key rail
8 253 17 006	Double boring bar holder Ø 25	
		Weight [kg]: 1.890 Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 25 Ø 25 Coolant: IC/Ext Center distance [mm]: 39/75
8 254 11 000	Multiple facing holder 3x sq. 20	
		Weight [kg]: 3.370 Employment for: Main- and sub spindle Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Sq. 20 Sq. 20 - 15° Sq. 20 - 15° Coolant: EXT Center distance [mm]: 70

Part-#	Name	
8 259 11 002	Multiple turning holder 2x sq. 20	
	Weight [kg]:	2.080
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 261 18 006	Tool holder for centering insert	
	Weight [kg]:	2.600
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	60
8 320 12 007	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.230
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 12 008	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 13 003	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.300
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 13 013	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.580
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

Part-#	Name	
	Please note:	with offset cut-off tool holder; use
8 320 13 014	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.490
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 13 032	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.430
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal; cut-off tool able to penetrate the tool holder body
8 320 19 008	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.500
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70
	Please note:	Clampshaft internal





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