

Nakamura
**WTS-150 (24
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

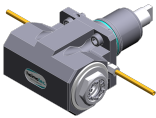
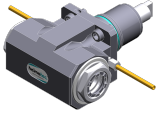
Digital tool management

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Part-#	Name	
	8 039 55 042	Radial drilling and milling head ER 25 AX UT
	Weight [kg]:	6.480
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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]:	65	
	8 039 56 009	Radial drilling and milling head HT 4
	Weight [kg]:	6.600
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
Please note:	stronger bearing	
Center distance [mm]:	65	
	8 039 56 016	Radial drilling and milling head ER 32 AX UT
	Weight [kg]:	6.300
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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]:	65	
	8 200 10 002	Tool blank
	Weight [kg]:	4.190
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Please note:	Housing rigid

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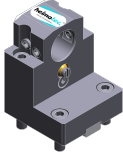

Part-#	Name	
8 209 12 001	Adapter for VDI 30	
	Weight [kg]:	3.140
	Employment for:	Inside operation
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	65
8 240 14 017	Boring bar holder Ø 12 - slotted	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 12
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
8 240 14 022	Boring bar holder Ø 10 - slotted	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 10
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
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 15 039	Boring bar holder Ø 16 - slotted	
	Weight [kg]:	3.000
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 16
	Coolant:	EXT
	Center distance [mm]:	75
8 240 16 009	Insert drill holder 20 IC	
	Weight [kg]:	4.480
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 20
	Coolant:	IC
	Center distance [mm]:	75

Part-#	Name	
8 240 16 030	Boring bar holder Ø 20	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 16 077	Boring bar holder Ø 20 - slotted	
	Weight [kg]:	3.120
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
8 240 17 005	Boring bar holder Ø 25	
	Weight [kg]:	3.820
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 17 007	Boring bar holder Ø 25	
	Weight [kg]:	2.320
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 17 008	Boring bar holder Ø 25 DIN 1835 E	
	Weight [kg]:	3.210
	Notation:	offset; 180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Whistle-Notch (DIN 1835 E) 25
	Coolant:	IC/Ext
	Center distance [mm]:	75

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Part-#	Name	
8 240 17 011	Boring bar holder Ø 25,4 (1")	
		Weight [kg]: 3.800 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 1" (25,4mm) Coolant: IC/Ext Pressure max [bar]: 140 Please note: Housing rigid Center distance [mm]: 75
8 240 17 023	Insert drill holder 25 IC	Weight [kg]: 4.380 Notation: 180° reversible Shank type: BMT Machine adaption: Whistle-Notch (DIN 1835 E) 25 Coolant: IC Center distance [mm]: 75
8 240 17 031	Boring bar holder Ø 30	Notation: 180° reversible Version: Special Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 30 Coolant: EXT Center distance [mm]: 112
8 240 17 032	Boring bar holder Ø 30	Notation: 180° reversible Version: Special Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 30 Coolant: EXT Center distance [mm]: 105
8 240 17 049	Boring bar holder Ø 1" offset	Weight [kg]: 2.450 Notation: 180° reversible Version: offset Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 1" (25,4mm) Coolant: IC/Ext Please note: Housing rigid Center distance [mm]: 75
8 240 17 065	Boring bar holder Ø 25 - slotted	Weight [kg]: 3.670 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 25 Coolant: EXT Please note: Housing rigid Center distance [mm]: 75


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Part-#	Name	
8 240 17 078	Boring bar holder Ø 1 1/4" - slotted	
	Weight [kg]:	3.440
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	EXT
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 17 116	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	2.440
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 18 012	Boring bar holder Ø 32 offset	
	Weight [kg]:	2.420
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 240 18 021	Insert drill holder 32 IC	
	Weight [kg]:	4.200
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 32
	Coolant:	IC
	Center distance [mm]:	75
8 249 17 003	Double boring bar holder Ø 25	
	Weight [kg]:	3.770
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
8 249 18 008	Double boring bar holder Ø 32	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Housing rigid

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Part-#	Name	
	Center distance [mm]:	75
8 251 13 007	Combi multiple holder 6x sq. 3/4" IC	
	Weight [kg]:	5.600
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 13 008	Combi multiple holder 3x sq. 3/4" IC	
	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
8 251 14 004	Combi multiple holder 6x sq. 20	
	Weight [kg]:	5.600
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 14 027	Combi multiple holder 6x sq. 3/4"	
	Weight [kg]:	5.900
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4"
		Sq. 3/4"
		Sq. 3/4"
		Sq. 3/4"
	Coolant:	EXT
	Pressure max [bar]:	80
8 251 14 078	Combi multiple holder 6x sq. 20 IC	
	Weight [kg]:	5.620
	Employment for:	Main- and sub spindle
	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



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Part-#	Name	
8 251 14 079	Combi multiple holder 3x sq. 20 IC	
	Weight [kg]:	3.650
	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
8 251 16 013	Multiple tool holder C 4 IC	
	Weight [kg]:	6.400
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
		heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	±64
8 253 16 010	Multiple tool holder C 4 IC	
	Weight [kg]:	6.240
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
		heimatec Capto(TM) C 4 - 15°
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 253 16 011	Multiple tool holder C 4 IC	
	Weight [kg]:	5.480
	Employment for:	Main spindle
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
		heimatec Capto(TM) C 4 - 15°
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 253 16 014	Multiple tool holder C 4 IC	
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
		heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75



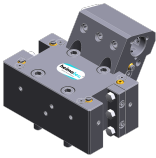
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Part-#	Name	
8 253 16 018	Multiple tool holder C 4 IC	
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 253 16 025	Multiple tool holder C 4 IC	
	Weight [kg]:	6.320
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 253 16 026	Multiple tool holder C 4 IC	
	Weight [kg]:	0.100
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 253 16 036	Multiple boring bar holder 3x Ø 20	
	Weight [kg]:	7.040
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20 Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	55/95
8 253 16 037	Multiple boring bar holder 6x Ø 20	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20 Ø 20 Ø 20 Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	55/95

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Part-#	Name	
8 253 17 018	Multiple boring bar holder 3x Ø 25	
		<p>Weight [kg]: 7.280 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 25 Ø 25 Coolant: IC/Ext Center distance [mm]: 65/110</p>
8 253 17 064	Multiple boring bar holder 2x Ø 25	
		<p>Weight [kg]: 5.140 Employment for: Main- and sub spindle Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 25 Ø 25 - 15° Coolant: IC/Ext Center distance [mm]: 75</p>
8 253 17 067	Multiple boring bar holder 2x Ø 1"	
		<p>Weight [kg]: 5.120 Employment for: Main- and sub spindle Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 1" (25,4mm) Ø 1" (25,4mm) - 15° Coolant: IC/Ext Center distance [mm]: 75</p>
8 253 17 086	Multiple boring bar holder 3x Ø 1"	
		<p>Weight [kg]: 6.470 Employment for: Main- and sub spindle Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 1" Ø 1" Coolant: IC/Ext Center distance [mm]: 55/95</p>
8 259 16 001	Multiple tool holder C 4 IC	
		<p>Weight [kg]: 9.630 Employment for: Main- and sub spindle Version: right Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 Coolant: IC/Ext Please note: Check applicability; note tool length! Center distance [mm]: 75</p>

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Part-#	Name	
8 259 16 004	Multiple tool holder C 4 IC	
	Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	9.610 Main- and sub spindle left BMT Centering key b 20 heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 IC/Ext Check applicability; note tool length! 75
8 259 16 005	Multiple tool holder C 4 IC	
	Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Center distance [mm]:	Main- and sub spindle right BMT Centering key b 20 heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 IC Check applicability; note tool length! 75
8 259 17 005	Multiple holder Ø 25 and sq. 20	
	Weight [kg]: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	7.500 Main- and sub spindle BMT Centering key b 20 Sq. 20 Sq. 20 Sq. 20 Sq. 20 IC/Ext 95
8 259 19 017	Multiple holder Ø 1" and sq. 3/4"	
	Weight [kg]: Notation: Employment for: Shank type: Machine adaption: Tool adaption: Coolant: Center distance [mm]:	6.960 180° reversible Main- and sub spindle BMT Centering key b 20 Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) Sq. 3/4" (19,05mm) IC/Ext 95
8 263 19 003	Tool holder with rotating centering point	
	Weight [kg]: Notation: Version: Shank type: Machine adaption: Coolant: Please note: Center distance [mm]:	6.000 180° reversible Special BMT Centering key b 20 EXT Taper roller bearings 100

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Part-#	Name
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8 263 19 008	Tool holder with rotating centering point
Weight [kg]:	6.140
Notation:	180° reversible
Version:	Special
Shank type:	BMT
Machine adaption:	Centering key b 20
Rotation max [1/min]:	6000
Coolant:	EXT
Please note:	Taper roller bearings
Center distance [mm]:	100



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