

Nakamura
SC-300



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


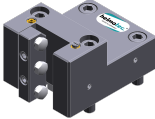

Digital tool management

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Part-#	Name	
8 200 03 001	Cover plate	
	Weight [kg]:	0.438
	Shank type:	BMT
8 202 10 002	Basic holder for height adjustable adapter	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
8 202 10 003	Basic holder for height adjustable adapter	
	Weight [kg]:	2.840
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Coolant:	EXT
8 202 10 008	Basic holder longitudinal seat FN 12	
	Weight [kg]:	1.200
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 209 14 000	Adapter for VDI 40	
	Weight [kg]:	4.560
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	35
8 209 14 001	Adapter for VDI 40	
	Weight [kg]:	5.310
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	80
8 224 12 010	Cut-off holder sq. 25	
	Weight [kg]:	2.040
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key slot b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 224 12 011	Cut-off holder sq. 25	
	Weight [kg]:	2.040
	Employment for:	left cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT


Part-#	Name	
8 224 13 008	Cut-off holder SH 32	
	Weight [kg]:	1.840
	Employment for:	Cut-off tool 32
	Version:	Clampshaft on turret side
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	EXT
8 224 13 009	Cut-off holder SH 32	
	Weight [kg]:	1.170
	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
8 224 15 000	Universal turning holder sq. 25	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
8 224 15 008	Universal turning holder sq. 1"	
	Weight [kg]:	4.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	EXT
8 224 15 038	Universal turning holder sq. 25 IC	
	Weight [kg]:	4.380
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	IC/Ext
8 224 15 051	Universal turning holder sq. 25 IC	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail



Part-#	Name	
8 225 12 002	Cut-off holder sq. 25	
	Weight [kg]:	1.640
	Employment for:	left cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 225 12 003	Cut-off holder sq. 25	
	Employment for:	right cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 240 15 009	Insert drill holder 16 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 16
	Coolant:	IC
	Center distance [mm]:	85
8 240 16 003	Boring bar holder Ø 20	
	Weight [kg]:	5.700
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 16 011	Insert drill holder 20 IC	
	Weight [kg]:	7.660
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Ø 20
	Coolant:	IC
	Center distance [mm]:	85
8 240 16 015	Tool holder hydro 20 - blank	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Blank for hydro clamp
	Coolant:	IC/Ext
	Center distance [mm]:	90


Part-#	Name	
8 240 16 031	Collet chuck holder ER 32	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 000	Boring bar holder Ø 25	
	Weight [kg]:	5.440
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 010	Boring bar holder Ø 30	
	Weight [kg]:	5.960
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 30
	Coolant:	EXT
	Center distance [mm]:	57,5
8 240 17 018	Tool holder HT 5	
	Weight [kg]:	6.480
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 019	Tool holder HT 5	
	Weight [kg]:	6.080
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 025	Insert drill holder 25 IC	
	Weight [kg]:	7.630
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 25
	Coolant:	IC
	Center distance [mm]:	85
8 240 17 060	Collet chuck holder ER 40	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 40
	Coolant:	IC/Ext
	Center distance [mm]:	90



Part-#	Name	
8 240 17 082	Tool holder C 5 IC	
	Weight [kg]:	6.020
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC
	Center distance [mm]:	80
8 240 17 113	Tool holder C 5 IC	
	Weight [kg]:	7.200
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC
	Center distance [mm]:	80
8 240 18 000	Boring bar holder Ø 32	
	Weight [kg]:	5.220
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 18 002	Boring bar holder Ø 32	
	Weight [kg]:	5.760
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 18 003	Boring bar holder Ø 32	
	Weight [kg]:	5.780
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	107,5
8 240 18 020	Boring bar holder Ø 32	
	Weight [kg]:	3.800
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	60

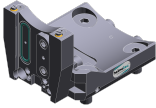


Part-#	Name	
8 240 18 022	Insert drill holder 32 IC	
	Weight [kg]:	7.400
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Ø 32
	Coolant:	IC
	Center distance [mm]:	85
8 240 18 035	Boring bar holder Ø 1 1/2"	
	Weight [kg]:	4.910
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 18 041	Boring bar holder Ø 1 1/4"	
	Weight [kg]:	5.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 19 000	Boring bar holder Ø 40	
	Weight [kg]:	4.830
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 19 003	Boring bar holder Ø 40	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	107,5
8 240 19 004	Boring bar holder Ø 50	
	Weight [kg]:	7.600
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	85

Part-#	Name	
8 240 19 005	Boring bar holder Ø 40 offset	
	Weight [kg]:	7.920
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	90
	Offset [mm]:	60
8 240 19 006	Boring bar holder Ø 42	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 42
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 19 017	Boring bar holder Ø 40	
	Weight [kg]:	3.540
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	60
8 240 19 019	Insert drill holder 40 IC	
	Weight [kg]:	7.100
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Ø 40
	Coolant:	IC
	Center distance [mm]:	85
8 244 12 000	Facing holder sq. 25	
	Weight [kg]:	5.460
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 250 16 010	Double tool holder C 4 IC	
	Weight [kg]:	2.940
	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
	Pressure max [bar]:	80
	Please note:	Check applicability; note tool length!
	Offset [mm]:	±24

Part-#	Name	
8 251 12 000	Double turning holder sq. 25	6.920 right cutting tools BMT Centering key b 20 Sq. 25 EXT
8 251 15 000	Combi double turning holder sq. 25	6.800 BMT Centering key b 20 Sq. 25 Sq. 25 Sq. 25 Sq. 25 EXT
		
8 251 15 007	Combi double turning holder sq. 1"	6.780 BMT Centering key b 20 Sq. 1" (25,4mm) Sq. 1" (25,4mm) Sq. 1" (25,4mm) Sq. 1" (25,4mm) EXT
8 253 15 016	Double boring bar holder Ø 16	5.440 180° reversible BMT Centering key b 20 Ø 16 Ø 16 IC/Ext untere boring bar zur main spindle obere boring bar zur 57,5/100
8 253 16 000	Double tool holder HT 4	6.620 BMT Centering key b 20 HT 4 IC/Ext Holder 180° reversible 57,5/100
8 253 16 035	Double boring bar holder Ø 20	5.280 180° reversible BMT Centering key b 20 Ø 20 Ø 20 IC/Ext untere boring bar zur main spindle obere boring bar zur

Part-#	Name	
	Center distance [mm]:	57,5/100
8 253 17 003	Double boring bar holder Ø 25	
	Weight [kg]:	5.680
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/107,5
8 253 17 007	Double boring bar holder Ø 25	
	Weight [kg]:	4.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/100
8 253 17 041	Double boring bar holder Ø 25	
	Weight [kg]:	5.560
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	65/110
8 253 17 050	Double boring bar holder Ø 1"	
	Weight [kg]:	4.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/100
8 253 17 089	Double boring bar holder Ø 25	
	Weight [kg]:	4.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	untere boring bar zur main spindle obere boring bar zur
	Center distance [mm]:	57,5/100

Part-#	Name	
8 253 18 018	Double boring bar holder Ø 32	
	Weight [kg]:	8.420
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
		Ø 32
	Coolant:	IC/Ext
	Please note:	untere boring bar zur main spindle obere boring bar zur
	Center distance [mm]:	57,5/100
8 261 18 002	Tool holder for centering insert	
	Weight [kg]:	6.110
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	57,5
8 263 19 010	Tool holder with rotating centering point	
	Weight [kg]:	8.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	90
8 263 19 031	Tool holder with rotating centering point	
	Weight [kg]:	8.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	90
8 269 19 001	Tool holder with rotating centering point	
	Weight [kg]:	8.510
	Notation:	180° reversible
	Version:	Special; double spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	90

Part-#	Name	
8 269 19 002	Tool holder with rotating centering point	
	Weight [kg]:	8.380
	Notation:	180° reversible
	Version:	Special; double spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	90
8 320 13 004	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.830
	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 13 016	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	2.050
	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:	with offset cut-off tool holder use
8 320 13 017	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.960
	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 19 002	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70
8 320 19 017	Cut-off holder, height adjustable 845 IC	
	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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