

Nakamura
**TW-20 (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

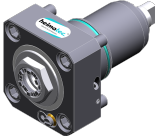
Digital tool management

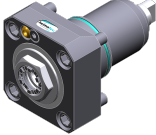
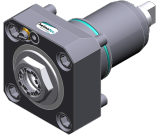
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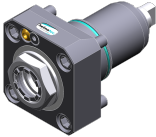

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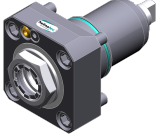

The current version of our General Terms and Conditions can be found on our website.

Part-#	Name	
8 010 64 003	Axial drilling and milling head Weldon 12 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 12
	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 64 005	Axial drilling and milling head Weldon 12	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 64 006	Axial drilling and milling head Weldon 14 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
8 010 65 005	Axial drilling and milling head Weldon 16	
	Weight [kg]:	2.920
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 65 006	Axial drilling and milling head Weldon 16 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25

Part-#	Name	
8 010 65 017	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	2.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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
	Please note:	stronger bearing
8 010 65 020	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	2.700
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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 65 021	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	2.670
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	EXT
8 010 65 022	Axial milling and drill holder ER 25 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; dryrun possible

Part-#	Name	
8 010 65 023	Axial milling and drill holder ER 25 AX UT	
	Weight [kg]:	3.950
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 65 038	Axial drilling and milling head ER 25 AX UT IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 010 66 002	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	2.920
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32
	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 66 003	Axial drilling and milling head ER 32	
	Weight [kg]:	2.880
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT


Part-#	Name	
8 010 66 017	Axial drilling and milling head HT 4	
	Weight [kg]:	2.860
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 66 043	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	3.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32
	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 66 050	Axial milling and drill holder ER 32 AX UT	
	Weight [kg]:	3.920
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 66 067	Axial milling and drill holder ER 32 AX UT IC	
	Weight [kg]:	4.030
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; Trockenauf possible

Part-#	Name	
	8 010 66 126	Axial drilling and milling head ER 32 AX UT
	Weight [kg]:	4.080
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	EXT	
	8 010 66 127	Axial drilling and milling head ER 32 AX UT IC
	Weight [kg]:	4.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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]:	100	
Please note:	Dryrun possible	
	8 010 67 013	Axial drilling and milling head HT 5
	Weight [kg]:	2.960
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
Coolant:	EXT	
Please note:	stronger bearing	
	8 010 67 016	Axial drilling and milling head HT 5 IC
	Weight [kg]:	2.990
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	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	

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Part-#	Name	
8 010 67 024	Axial drilling and milling head HT 5 IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	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 67 029	Axial drilling and milling head HT 5 IC	
	Weight [kg]:	2.960
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	High pressure version
8 010 67 054	Axial drilling and milling head ER 40 AX UT	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 67 062	Axial drilling and milling head Weldon 25 IC	
	Weight [kg]:	4.140
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing

Part-#	Name
8 010 67 127	Axial drilling and milling head ER 40 AX UT IC
	Weight [kg]: 4.550
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 65.00
	Shank type: BMT
	Tool adaption: ER 40 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 5000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Please note: Combi bearing
8 010 67 128	Axial drilling and milling head ER 40 AX UT
	Weight [kg]: 4.620
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 65.00
	Shank type: BMT
	Tool adaption: ER 40 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 12000
	Rotating direction: same
	Coolant: EXT
	Pressure max [bar]: 140
8 011 64 003	Axial milling head universal arbor 3/4"
	Weight [kg]: 3.800
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 65.00
	Shank type: BMT
	Tool adaption: Universal arbor 3/4" (19,05mm)
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
	Please note: Taper roller bearings
8 011 64 004	Axial milling head universal arbor 16
	Weight [kg]: 4.110
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 65.00
	Shank type: BMT
	Tool adaption: Universal arbor 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 5000
	Rotating direction: same
	Coolant: EXT
	Please note: Combi bearing


Part-#	Name		
	8 011 64 006	Axial milling head universal arbor 3/4"	
		Weight [kg]:	4.060
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Universal arbor 3/4" (19,05mm)
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	same
		Coolant:	EXT
	Please note:	Combi bearing; without cutter retaining screw	
	8 011 65 013	Axial milling head universal arbor 22	
		Weight [kg]:	4.210
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Universal arbor 22
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	5000
		Rotating direction:	same
		Coolant:	EXT
	Please note:	Combi bearing	
	8 011 66 004	Axial milling head universal arbor 27	
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Universal arbor 27
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	same
		Coolant:	EXT
		Please note:	Taper roller bearings
	8 011 66 009	Axial milling head universal arbor 27	
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Universal arbor 27
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	5000
		Rotating direction:	same
		Coolant:	EXT
		Please note:	Combi bearing
	8 011 67 002	Axial milling head universal arbor 32	
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Universal arbor 32
		Gear ratio [i]:	1:1
	Torque max [Nm]:	50	

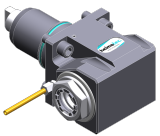

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Part-#	Name	
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 013 64 002	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.500
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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 65 002	Axial drilling and milling head ER 25 AC IC	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 014 65 000	Axial milling head universal arbor 22	
	Weight [kg]:	7.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	EXT
8 019 65 006	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.820
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50

Part-#	Name	
	8 019 65 011	Axial drilling and milling head ER 25 AX UT IC
	Weight [kg]:	8.080
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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
	Please note:	stronger bearing
Offset [mm]:	50	
	8 030 62 000	Radial drilling and milling head Weldon 6
	Weight [kg]:	8.160
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
Center distance [mm]:	65	
	8 030 63 000	Radial drilling and milling head Weldon 8 IC
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
Pressure max [bar]:	25	
Center distance [mm]:	65	
	8 030 64 014	Radial drilling and milling head Weldon 10 IC
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 10
	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]:	65	

Part-#	Name	
8 030 64 022	Radial drilling and milling head Weldon 12	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 12
	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]:	80
8 030 65 010	Radial drilling and milling head ER 25	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
8 030 65 014	Radial drilling and milling head ER 25	
	Weight [kg]:	8.200
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 65 015	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	7.720
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	65

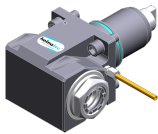
Part-#	Name	
8 030 65 018	Radial drilling and milling head ER 25 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	High pressure version
	Center distance [mm]:	65
8 030 65 020	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	7.900
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	80
8 030 65 025	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	8.630
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	75
8 030 65 046	Radial drilling and milling head Weldon 16	
	Weight [kg]:	8.060
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 66 001	Radial drilling and milling head Weldon 20 IC	
	Weight [kg]:	8.400
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	65
8 030 66 004	Radial drilling and milling head Weldon 20 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1,625:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	65
8 030 66 078	Angle-mill- and drill holder ER 32 AX UT	
	Weight [kg]:	8.340
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 66 090	Angle-mill- and drill holder ER 32 AX UT IC	
	Weight [kg]:	8.240
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec

Part-#	Name
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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]:	65

8 030 66 103 Radial drilling and milling head ER 32 AX UT



Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	65.00
Shank type:	BMT
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	2:1
Torque max [Nm]:	63
Rotation max [1/min]:	3000
Rotating direction:	opposite
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	65

8 030 66 127 Radial drilling and milling head ER 32 AX UT IC



Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	65.00
Shank type:	BMT
Tool adaption:	ER 32 A - u-tec
Gear ratio [i]:	2:1
Torque max [Nm]:	63
Rotation max [1/min]:	3000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	Combi bearing
Center distance [mm]:	65

8 030 66 257 Radial drilling and milling head ER 32 AX UT IC



Weight [kg]:	7.800
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	65.00
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:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	65

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Part-#	Name
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8 030 66 259



Radial drilling and milling head ER 32 AX UT IC

Weight [kg]: 11.100
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 65.00
 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]: 100

8 030 66 263



Radial drilling and milling head ER 32 AX UT

Weight [kg]: 7.600
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 65.00
 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: opposite
 Coolant: EXT
 Center distance [mm]: 65

8 030 67 003

Radial drilling and milling head Weldon 25 IC

Weight [kg]: 8.720
 Notation: 180° reversible
 Version: Special
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: Weldon (DIN 1835 b) 25 special
 Gear ratio [i]: 1:1
 Torque max [Nm]: 50
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 25
 Please note: stronger bearing
 Center distance [mm]: 65

8 030 67 007

Radial drilling and milling head ER 40

Weight [kg]: 7.300
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 65.00
 Shank type: BMT
 Tool adaption: ER 40
 Gear ratio [i]: 1,625:1
 Torque max [Nm]: 63
 Rotation max [1/min]: 4000

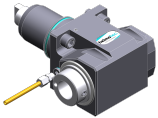
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Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 67 008	Radial drilling and milling head ER 40	
	Weight [kg]:	7.260
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 67 027	Radial drilling and milling head Weldon 25 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 25
	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:	stronger bearing
	Center distance [mm]:	65
8 030 67 028	Radial drilling and milling head HT 5 IC	
	Weight [kg]:	9.200
	Notation:	180° reversible
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	91
8 030 67 037	Radial drilling and milling head Weldon 25 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000

Part-#	Name
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Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 25
Please note: stronger bearing
Center distance [mm]: 65

8 030 67 088



Radial drilling and milling head HT 5 IC
Weight [kg]: 8.420
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 65.00
Shank type: BMT
Tool adaption: HT 5
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]: 65

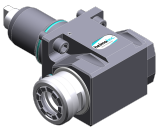
8 030 67 120

Radial drilling and milling head Weldon 25
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 65.00
Shank type: BMT
Tool adaption: Weldon (DIN 1835 b) 25
Gear ratio [i]: 2:1
Torque max [Nm]: 63
Rotation max [1/min]: 3000
Rotating direction: opposite
Coolant: EXT
Please note: Combi bearing
Center distance [mm]: 65

8 030 67 140



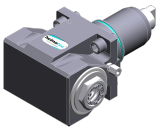
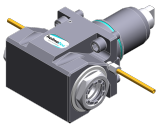
Radial drilling and milling head ER 40 AX UT
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 65.00
Shank type: BMT
Tool adaption: ER 40 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 50
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: EXT
Pressure max [bar]: 140
Please note: stronger bearing
Center distance [mm]: 65


Part-#	Name		
	8 030 67 156	Radial drilling and milling head ER 40 AX UT IC	
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	ER 40 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:	stronger bearing
		Center distance [mm]:	65
	8 037 64 004	Radial disk mill head arbor 16	
		Weight [kg]:	12.840
		Notation:	180° reversible
		Version:	± 10° turnable
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Arbor 16
		Gear ratio [i]:	2:1
		Torque max [Nm]:	63
		Rotation max [1/min]:	3000
		Rotating direction:	same
		Coolant:	no
		Please note:	strong version; stronger bearing
	Center distance [mm]:	87,5	
	8 037 65 000	Woodruff keycutter ER 25 AS	
		Weight [kg]:	7.800
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	ER 25 A
		Gear ratio [i]:	1,333:1
		Torque max [Nm]:	32
		Rotation max [1/min]:	2250
		Rotating direction:	opposite
		Coolant:	EXT
	8 037 65 002	Radial disk mill head arbor 22	
		Weight [kg]:	13.420
		Notation:	180° reversible
		Version:	± 10° turnable
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	65.00
		Shank type:	BMT
		Tool adaption:	Arbor 22
		Gear ratio [i]:	2:1
		Torque max [Nm]:	63
		Rotation max [1/min]:	3000
		Rotating direction:	same
		Coolant:	no
		Please note:	strong version with stronger bearing
	Center distance [mm]:	87,5	



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Part-#	Name	
8 037 66 000	Radial disk mill head arbor 27	
	Weight [kg]:	13.260
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Arbor 27
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	no
	Please note:	strong version; stronger bearing
	Center distance [mm]:	87,5
8 039 64 001	Radial drilling and milling head ER 16	
	Weight [kg]:	7.800
	Notation:	60° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 039 64 002	Radial drilling and milling head ER 16	
	Weight [kg]:	7.620
	Notation:	30° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 039 64 003	Radial drilling and milling head ER 16	
	Weight [kg]:	7.520
	Notation:	45° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT

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Part-#	Name	
	8 039 65 014	Radial drilling and milling head ER 25 AX UT
	Weight [kg]:	8.760
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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 66 004	Radial milling head universal arbor 27
	Weight [kg]:	9.480
	Notation:	100° angle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1,438:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
		8 039 66 028
Weight [kg]:		8.600
Notation:		180° reversible
Employment for:		Main- and sub spindle
Version:		double spindle
Tool drive:		Flat (~DIN 1809)
Shank size [mm]:		65.00
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	
	8 040 64 000	Universal head ± 90° adjustable ER 16
	Weight [kg]:	4.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000

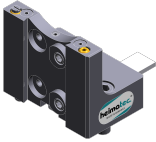

Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	64
8 043 64 003	Universal head +100°/-20° adj. ER16 AX UT	
	Weight [kg]:	8.910
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	60
	Offset [mm]:	35
8 043 64 007	Universal head +145°/-25° adj. ER16AX UTIK	
	Weight [kg]:	8.680
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	60
	Offset [mm]:	60
8 043 64 012	Universal head +100°/-20° adj. ER16AX UTIK	
	Weight [kg]:	8.960
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	60
	Offset [mm]:	35

Part-#	Name	
8 043 64 026	Universal head +100°/-20° adj. ER16AX UTIK	
	Weight [kg]:	8.920
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	60
	Offset [mm]:	35
8 043 65 002	Universal head +100°/-20° adj. ER25 AX UT	
	Weight [kg]:	8.870
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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]:	60
	Offset [mm]:	35
8 043 65 011	Universal head +100°/-20° adj. ER25AX UTIK	
	Weight [kg]:	9.170
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	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]:	60
	Offset [mm]:	35
8 068 64 000	Radial whirling unit HW 46	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	65.00
	Shank type:	BMT
	Tool adaption:	HW 46
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16

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Part-#	Name	
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	without cutting inserts carrier; check applicability;
	Center distance [mm]:	80
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
8 208 69 003	Test mandrel BMT 65	
	Weight [kg]:	3.280
	Shank size [mm]:	65.00
	Shank type:	BMT
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


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Part-#	Name	
	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
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

Part-#	Name	
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
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
8 229 16 007	Tool holder C 4 IC	
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	75
8 229 17 000	Tool holder C 5 IC	
	Weight [kg]:	5.900
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Offset [mm]:	85
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

Part-#	Name	
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
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

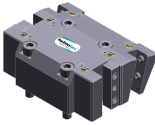
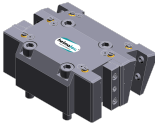
Part-#	Name	
8 240 17 018	Tool holder HT 5	
	Weight [kg]:	6.480
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 240 17 019	Tool holder HT 5	
	Weight [kg]:	6.080
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key 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
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

Part-#	Name	
	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 18 020 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
	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

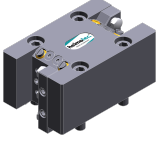
Part-#	Name	
	8 240 19 000 Boring bar holder Ø 40	Weight [kg]: 4.830 Notation: 180° reversible Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 40 Coolant: IC/Ext Center distance [mm]: 90
	8 240 19 004 Boring bar holder Ø 50	Weight [kg]: 7.600 Notation: offset Shank type: BMT Machine adaption: Centering key b 20 Tool adaption: Ø 50 Coolant: IC/Ext Center distance [mm]: 85
	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

Part-#	Name	
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
8 249 16 011	Double collet chuck holder ER 32	
	Weight [kg]:	5.940
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 32
		ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 249 17 006	Double collet chuck holder ER 40	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 40
		ER 40
	Coolant:	IC/Ext
	Center distance [mm]:	90
8 250 16 006	Double tool holder C 4 IC	
	Weight [kg]:	5.500
	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]:	±75
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

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Part-#	Name	
8 251 12 000	Double turning holder sq. 25	
	Weight [kg]:	6.920
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
8 251 13 011	Combi multiple holder 6x sq. 3/4" IC	
	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 14 009	Combi multiple holder 6x sq. 20	
	Weight [kg]:	7.820
	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:	EXT
8 251 14 021	Combi multiple holder 6x sq. 3/4"	
	Weight [kg]:	7.860
	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:	EXT
8 251 14 086	Combi multiple holder 6x sq. 20 IC	
	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 15 000	Combi double turning holder sq. 25	Weight [kg]: 6.800	
		Shank type: BMT	
	Machine adaption: Centering key b 20		
	Tool adaption: Sq. 25		
		Sq. 25	
		Sq. 25	
		Sq. 25	
		Sq. 25	
	Coolant: EXT		
8 251 15 007	Combi double turning holder sq. 1"		
	Weight [kg]: 6.780		
	Shank type: BMT		
	Machine adaption: Centering key b 20		
	Tool adaption: Sq. 1" (25,4mm)		
		Sq. 1" (25,4mm)	
		Sq. 1" (25,4mm)	
		Sq. 1" (25,4mm)	
Coolant: EXT			
8 251 16 001	Multiple tool holder C 4 IC		
	Weight [kg]: 7.400		
	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]: ±75			
		±75	
8 251 16 002	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!			
Offset [mm]: 75			
		75	
8 251 16 003	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!			
Offset [mm]: 75			
		75	


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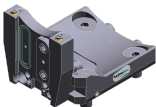
Part-#	Name	
8 253 15 016	Double boring bar holder Ø 16	
	Weight [kg]:	5.440
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 16 Ø 16
	Coolant:	IC/Ext
	Please note:	untere boring bar zur main spindle obere boring bar zur
	Center distance [mm]:	57,5/100
8 253 16 000	Double tool holder HT 4	
	Weight [kg]:	6.620
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	Holder 180° reversible
	Center distance [mm]:	57,5/100
8 253 16 035	Double boring bar holder Ø 20	
	Weight [kg]:	5.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20 Ø 20
	Coolant:	IC/Ext
	Please note:	untere boring bar zur main spindle obere boring bar zur
	Center distance [mm]:	57,5/100
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 Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/100
8 253 17 019	Multiple boring bar holder 3x Ø 25	
	Weight [kg]:	8.260
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25 Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/97,5

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Part-#	Name	
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 Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	65/110
8 253 17 045	Multiple boring bar holder 3x Ø 1"	
	Weight [kg]:	8.370
	Notation:	180° reversible
	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)
	Coolant:	IC/Ext
	Center distance [mm]:	57,5/97,5
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) 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 Ø 25
	Coolant:	IC/Ext
	Please note:	untere boring bar zur main spindle obere boring bar zur
	Center distance [mm]:	57,5/100
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

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Part-#	Name	
8 259 16 008	Multiple tool holder C 4 IC	
		<p>Weight [kg]: 11.580 Employment for: Main- and sub spindle right Version: BMT Shank type: Centering key b 20 Machine adaption: heimatec Capto(TM) C 4 Tool adaption: heimatec Capto(TM) C 4 Coolant: IC Pressure max [bar]: 80 Please note: Check applicability; note tool length! Center distance [mm]: 90</p>
8 259 19 003	Multiple holder Ø 25 and sq. 20	<p>Weight [kg]: 9.100 Notation: 180° reversible 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 Center distance [mm]: 97,5</p>
8 261 18 002	Tool holder for centering insert	<p>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</p>
8 263 19 010	Tool holder with rotating centering point	<p>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</p>
8 263 19 031	Tool holder with rotating centering point	<p>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</p>

Part-#	Name	
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
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

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Part-#	Name
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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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