

Miyano

BNJ 51 SY2/SY5



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

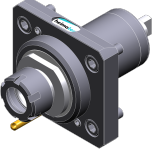
Digital tool management


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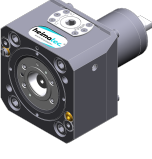
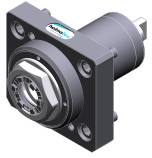
Part-#	Name
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	8 010 45 047	Axial drilling and milling head ER 25 M	1.740
		Weight [kg]:	1.740
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		Tool adaption:	ER 25 M
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	same
		Coolant:	EXT

	8 010 45 050	Axial drilling and milling head ER 25 M IC	2.000
		Weight [kg]:	2.000
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		Shank type:	BMT
		Tool adaption:	ER 25
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	same
	Coolant:	IC/Ext	
	Pressure max [bar]:	25	

	8 010 45 061	Axial drilling and milling head ER 25	1.780
		Weight [kg]:	1.780
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		Shank type:	BMT
		Tool adaption:	ER 25
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	6000
		Rotating direction:	same
	Coolant:	EXT	

	8 010 45 096	Axial drilling and milling head ER 25 AX UT IC	2.000
		Weight [kg]:	2.000
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		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:	Combi bearing	


Part-#	Name	
8 010 45 103	Axial milling and drill holder ER 25 AX UT	
	Weight [kg]:	1.870
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	Combi bearing
8 010 45 181	Axial drilling and milling head C 3 IC	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Check applicability; tool length check !
8 010 45 183	Axial drilling and milling head C 3	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 3
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
8 010 45 224	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	15000
	Rotating direction:	same
	Coolant:	EXT

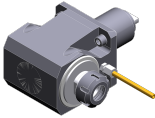
Part-#	Name		
	8 010 45 225	Axial drilling and milling head ER 25 AX UT IC	
		Weight [kg]:	2.100
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		Shank type:	BMT
		Tool adaption:	ER 25 A - u-tec
		Gear ratio [i]:	1:1
		Torque max [Nm]:	50
		Rotation max [1/min]:	12000
		Rotating direction:	same
		Coolant:	IC/Ext
		Pressure max [bar]:	100
		Please note:	Dryrun possible
	8 010 46 092	Axial drilling and milling head HT 4	
		Weight [kg]:	1.700
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		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	
8 010 46 112	Axial drilling and milling head HT 4 IC		
		Weight [kg]:	1.980
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		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:	IC/Ext	
	Pressure max [bar]:	25	
8 010 46 206	Axial drilling and milling head ER 32 AX UT		
		Weight [kg]:	2.110
		Version:	Special
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	45.00
		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	
	Please note:	stronger bearing	

Part-#	Name	
8 011 44 010	Axial milling head universal arbor 16	
		<p>Weight [kg]: 1.820 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: Universal arbor 16 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: Taper roller bearings</p>
8 011 44 021	Axial milling head universal arbor 3/4"	<p>Weight [kg]: 1.840 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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</p>
8 011 45 018	Axial milling head universal arbor 22	
		<p>Weight [kg]: 1.940 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: Universal arbor 22 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: Taper roller bearings</p>
8 013 44 022	Axial drilling and milling head ER 16 AX UT	<p>Weight [kg]: 2.350 Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 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</p>

Part-#	Name	
8 013 44 023	Axial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	2.450
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
8 019 44 012	Axial drilling and milling head ER 20	
	Weight [kg]:	4.020
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 44 019	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	4.260
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
8 019 44 020	Axial drilling and milling head ER 16 M	
	Weight [kg]:	3.960
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5

Part-#	Name	
8 019 44 060	Axial drilling and milling head ER 20	
	Weight [kg]:	4.000
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 44 073	Axial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	4.910
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 44 078	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.890
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 44 114	Axial drilling and milling head ER 20 AX UT	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5

Part-#	Name	
8 019 45 093	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	5.860
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	69
8 019 45 102	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	5.400
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	69
8 030 44 082	Radial drilling and milling head ER 16 AX UT	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 44 099	Radial drilling and milling head ER 16 AX UT IC	
	Weight [kg]:	4.900
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65

Part-#	Name	
8 030 44 109	Radial drilling and milling head ER 20 AX UT IC	
	Weight [kg]:	5.950
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 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]:	77
8 030 45 096	Radial drilling and milling head ER 25	
	Weight [kg]:	5.190
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 030 45 101	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	5.450
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
8 030 45 120	Radial drilling and milling head ER 25	
	Weight [kg]:	5.400
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65

Part-#	Name
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8 030 45 121	Radial drilling and milling head ER 25 IC
Weight [kg]:	5.570
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 25
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:	strong version
Center distance [mm]:	65

8 030 45 136	Radial drilling and milling head ER 25 AX UT IC
Weight [kg]:	5.370
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	65



8 030 45 163	Angle-mill- and drill holder ER 25 AX UT
Weight [kg]:	5.700
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	opposite
Coolant:	EXT
Please note:	Combi bearing
Center distance [mm]:	65

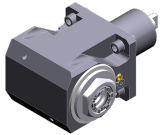


8 030 45 167	Radial drilling and milling head ER 25 AX UT
Weight [kg]:	5.790
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	45.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:3
Torque max [Nm]:	12
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	EXT

Part-#	Name
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Please note: stronger bearing
Center distance [mm]: 77

8 030 45 169



Radial drilling and milling head ER 25 AX UT
Weight [kg]: 5.340
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 45.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 50
Rotation max [1/min]: 12000
Rotating direction: opposite
Coolant: EXT
Center distance [mm]: 65

8 030 45 198



Angle-mill- and drill holder ER 25 AX UT IC
Weight [kg]: 5.800
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 45.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:1
Torque max [Nm]: 50
Rotation max [1/min]: 6000
Rotating direction: opposite
Coolant: IC/Ext
Pressure max [bar]: 140
Please note: Combi bearing
Center distance [mm]: 65

8 030 45 211

Radial drilling and milling head ER 25 AX UT
Weight [kg]: 5.770
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 45.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:2
Torque max [Nm]: 16
Rotation max [1/min]: 12000
Rotating direction: same
Coolant: EXT
Please note: stronger bearing
Center distance [mm]: 77

8 030 45 239

Radial drilling and milling head ER 25 AX UT IC
Weight [kg]: 5.990
Notation: 180° reversible
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 45.00
Shank type: BMT
Tool adaption: ER 25 A - u-tec
Gear ratio [i]: 1:3
Torque max [Nm]: 12

Part-# Name

Rotation max [1/min]: 18000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: stronger bearing
 Center distance [mm]: 77

8 030 45 253 Radial drilling and milling head ER 25 AX UT



Weight [kg]: 5.480
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: ER 25 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 45 346 Radial drilling and milling head C 3 IC



Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 3
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 8000
 Rotating direction: opposite
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Please note: Check applicability; note tool length!
 Center distance [mm]: 65

8 030 45 351 Radial drilling and milling head C 3

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: heimatec Capto(TM) C 3
 Gear ratio [i]: 1:1
 Torque max [Nm]: 25
 Rotation max [1/min]: 8000
 Rotating direction: opposite
 Coolant: EXT
 Please note: Check applicability; note tool length!
 Center distance [mm]: 65

Part-#	Name	
8 030 45 563	Radial drilling and milling head Weldon 16	
	Weight [kg]:	5.850
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 030 45 599	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	5.980
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	77
8 030 46 196	Radial drilling and milling head HT 4	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	strong version
	Center distance [mm]:	65
8 030 46 197	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	5.640
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name
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Center distance [mm]: 65

8 030 46 356



Angle-mill- and drill holder ER 32 AX UT IC

Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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]: 65

8 030 46 563

Radial drilling and milling head ER 32 AX UT IC

Weight [kg]: 5.480
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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

8 030 46 564


Radial drilling and milling head ER 32 AX UT

Weight [kg]: 5.120
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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 47 122



Radial drilling and milling head Weldon 25 IC

Weight [kg]: 6.580
 Notation: 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
8 031 45 026	Radial milling head universal arbor 22	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	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
8 031 45 054	Radial milling head universal arbor 1"	
	Weight [kg]:	6.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 1" (25,4mm)
	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
8 031 46 004	Radial milling head universal arbor 27	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
8 033 45 061	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	5.500
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	3:1
	Torque max [Nm]:	32

Part-#	Name	
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing; check applicability!
	Center distance [mm]:	65
8 037 42 002	Radial disk mill head arbor 10	
	Weight [kg]:	4.600
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 10
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	78
8 037 43 004	Radial disk mill head arbor 13	
	Weight [kg]:	4.630
	Notation:	180° reversible
	Version:	± 30° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Arbor 13
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	78
8 039 45 076	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	5.900
	Notation:	180° reversible
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Center distance [mm]:	65



Part-#	Name	
8 039 45 106	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.250
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50/86
8 039 46 031	Radial drilling and milling head HT 4	
	Weight [kg]:	6.400
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	65
8 040 44 019	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.460
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	55
8 040 44 021	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.700
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
	Please note:	position can be pinned; note swivel range!
	Center distance [mm]:	55
8 040 44 023	Universal head ± 90° adjustable ER 20	
	Weight [kg]:	2.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range!
	Center distance [mm]:	55
8 040 44 104	Universal head ± 90° adjustable ER 16	
	Notation:	180° reversible
	Version:	45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	55
8 043 44 004	Universal head +105°/-20° adj. ER16AX UTIK	
	Weight [kg]:	5.450
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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
	Please note:	180° reversible
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 44 005	Universal head +105°/-20° adj. ER16 AX UT	
	Weight [kg]:	5.360
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25



Part-#	Name
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Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT
 Center distance [mm]: 50
 Offset [mm]: 35

8 043 44 006 Universal head +105°/-20° adj. ER16AX UTIK



Weight [kg]: 5.470
 Notation: offset
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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
 Please note: 180° reversible
 Center distance [mm]: 50
 Offset [mm]: 35

8 043 44 007 Universal head +105°/-20° adj. ER16 AX UT

Weight [kg]: 5.410
 Notation: offset
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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: EXT
 Please note: 180° reversible
 Center distance [mm]: 50
 Offset [mm]: 35

8 043 44 042 Universal head +105°/-20° adj. ER16AX UTIK

Weight [kg]: 5.470
 Notation: offset
 Version: at 71,5° position can be pinned
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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
 Please note: 180° reversible
 Center distance [mm]: 50

Part-#	Name
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8 043 45 000



Universal head +105°/-20° adj. ER25 AX UT

Weight [kg]: 5.580
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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]: 50

8 043 45 004



Universal head +105°/-20° adj. ER25AX UTIK

Weight [kg]: 5.660
 Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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]: 50
 Offset [mm]: 35

8 043 45 005

Universal head +105°/-20° adj. ER25AX UTIK

Weight [kg]: 5.610
 Notation: offset; 180° reversible
 Version: at 42,9° position can be pinned
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 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]: 50
 Offset [mm]: 35

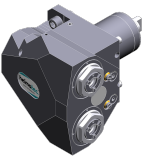
8 043 45 015

Universal head +105°/-20° adj. Weldon 16




Notation: offset; 180° reversible
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 45.00
 Shank type: BMT
 Tool adaption: Weldon (DIN 1835 b) 16 special
 Gear ratio [i]: 1:1




Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	50
	Offset [mm]:	35
8 043 45 017	Universal head +105°/-20° adj. ER25 AX UT	
	Weight [kg]:	5.590
	Notation:	offset; 180° reversible; at 45° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	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]:	50
8 043 46 002	Universal head +105°/-20° adj. Weldon 20	
	Weight [kg]:	5.790
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	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]:	50
	Offset [mm]:	35
8 050 43 009	Multispindle drilling head ER 11	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 050 44 005	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	3.700
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1



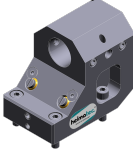
Part-#	Name	
	Torque max [Nm]:	25/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
8 050 44 045	Multispindle drilling head ER 16 AX UT	
	Weight [kg]:	5.840
	Notation:	offset, 180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	64,359
8 053 44 032	Multispindle radial head ER 16 AX UT	
	Weight [kg]:	6.120
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 053 44 062	Multispindle radial head ER16 AX UT IC	
	Weight [kg]:	6.580
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65


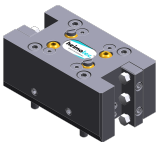
Part-#	Name	
8 053 44 063	Multispindle radial head ER16 AX UT IC	
		<p>Notation: 180° reversible Version: 2-spindles Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:2 Torque max [Nm]: 16/Sp Rotation max [1/min]: 12000 Rotating direction: same Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 65</p>
8 053 44 065	Multispindle radial head ER 16 AX UT	
		<p>Weight [kg]: 6.400 Notation: 180° reversible Version: 2-spindles Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:2 Torque max [Nm]: 16/Sp Rotation max [1/min]: 12000 Rotating direction: same Coolant: EXT Center distance [mm]: 65</p>
8 053 44 066	Multispindle radial head ER 16 AX UT	
		<p>Notation: 180° reversible Version: 2-spindles Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 16 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32/Sp Rotation max [1/min]: 12000 Rotating direction: same Coolant: EXT Center distance [mm]: 65</p>
8 053 44 067	Multispindle radial head ER 20 AX UT	
		<p>Notation: 180° reversible Version: 2-spindles Tool drive: Flat (~DIN 1809) Shank size [mm]: 45.00 Shank type: BMT Tool adaption: ER 20 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 32/Sp Rotation max [1/min]: 12000 Rotating direction: same Coolant: EXT Please note: Check applicability; note tool length!</p>

Part-#	Name	
	Center distance [mm]:	75
8 053 44 074	Multispindle radial head ER 20 AX UTIK	
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32/Sp
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
8 200 02 001	Cover plate	
	Weight [kg]:	0.320
	Shank type:	-
8 202 00 010	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 01 020	Cut-off holder sq. 20	
	Weight [kg]:	2.020
	Employment for:	right cutting tools
	Version:	Special; edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 224 03 016	Universal turning holder sq. 3/4" IC	
	Weight [kg]:	2.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail


Part-#	Name	
8 224 04 000	Universal turning holder sq. 20	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 224 04 035	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	IC
8 224 04 068	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 229 05 004	Tool holder C 3 IC	
	Weight [kg]:	2.980
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65
8 229 05 005	Tool holder C 3 IC	
	Weight [kg]:	1.590
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

Part-#	Name	
8 240 05 034	Boring bar holder Ø 16	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 05 059	Tool holder C 3 IC	
	Weight [kg]:	4.130
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 05 060	Tool holder C 3 IC	
	Weight [kg]:	3.190
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 06 034	Boring bar holder Ø 20	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 07 038	Boring bar holder Ø 25	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 07 050	Boring bar holder Ø 1 1/4 "	
	Weight [kg]:	3.790
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75


Part-#	Name	
8 240 08 000	Boring bar holder Ø 32 	Weight [kg]: 3.740
		Notation: offset
8 240 08 046	Boring bar holder Ø 32	Shank type: BMT
		Machine adaption: Centering bolt ø 12
		Tool adaption: Ø 32
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 3.940
		Notation: 180° reversible
8 240 08 074	Boring bar holder Ø 1 1/2"	Shank type: BMT
		Machine adaption: Centering bolt ø 12
		Tool adaption: Ø 1 1/2" (38,1mm)
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 4.000
		Notation: BMT
8 240 09 002	Boring bar holder Ø 40 	Weight [kg]: 2.660
		Version: offset
8 240 09 013	Boring bar holder Ø 40	Shank type: BMT
		Machine adaption: Centering bolt Ø 12
		Tool adaption: Ø 40
		Coolant: IC/Ext
		Center distance [mm]: 75
		Weight [kg]: 3.950
		Notation: BMT
8 244 04 019	Combi facing holder sq. 20	Machine adaption: Centering bolt ø 12
		Tool adaption: Sq. 20
		Coolant: EXT
		Weight [kg]: 3.700
		Shank type: BMT
8 249 05 008	Double tool holder C 3 IC	Machine adaption: Centering bolt ø 12
		Tool adaption: heimatec Capto(TM) C 3
		Weight [kg]: 4.860
		Employment for: Main- and sub spindle
		Version: right
		Shank type: BMT


Part-#	Name	
		heimatec Capto(TM) C 3 IC Check applicability; note tool length! 80
8 250 05 002	Multiple tool holder C 3 IC	
	Coolant:	
	Please note:	
	Center distance [mm]:	
	Weight [kg]:	2.140
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27 27
8 250 05 003	Multiple tool holder C 3 IC	
	Weight [kg]:	3.730
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	65 65
8 251 03 002	Combi double turning holder sq. 3/4"IC	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	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 04 002	Combi double turning holder sq. 20	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	EXT

Part-#	Name	
8 251 04 003	Combi double turning holder sq. 3/4"	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 251 04 059	Combi double turning holder sq. 20 IC	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 253 07 000	Double boring bar holder Ø 25	
	Weight [kg]:	2.320
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 003	Multiple boring bar holder Ø 1"	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 004	Double boring bar holder Ø 1"	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85

Part-#	Name			
8 253 07 006	Double boring bar holder Ø 25	Weight [kg]: 3.710		
		Notation: 180° reversible		
		Shank type: BMT		
		Machine adaption: Centering bolt Ø 12		
		Tool adaption: Ø 25		
		Ø 25		
		Coolant: IC/Ext		
		Center distance [mm]: 50/85		
		8 259 01 006	Multiple turning holder 4x sq. 20	4.700
				Weight [kg]: 4.700
				Employment for: Main- and sub spindle
				Version: Y-axes offset
Shank type: BMT				
Machine adaption: Centering bolt ø 12				
Tool adaption: Sq. 20				
Sq. 20				
Sq. 20				
Sq. 20				
Coolant: EXT				
8 259 05 001	Multiple tool holder C 3 IC	5.590		
		Weight [kg]: 5.590		
		Employment for: Main- and sub spindle		
		Version: right; Y-axes offset		
		Shank type: BMT		
		Machine adaption: Centering bolt ø 12		
		Tool adaption: heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		Coolant: IC		
Please note: Check applicability; note tool length! not				
Offset [mm]: 65				
65				
8 259 05 002	Multiple tool holder C 3 IC	6.330		
		Weight [kg]: 6.330		
		Employment for: Main- and sub spindle		
		Version: right; Y-axes offset		
		Shank type: BMT		
		Machine adaption: Centering bolt ø 12		
		Tool adaption: heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		heimatec Capto(TM) C 3		
		Coolant: IC		
Please note: Check applicability; note tool length!				
Center distance [mm]: 80				

Part-#	Name	
8 259 05 003	Multiple tool holder C 3 IC	
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
	Offset [mm]:	+32 -32
8 259 05 004	Multiple tool holder C 3 IC	
	Weight [kg]:	4.390
	Notation:	180° reversible
	Version:	right; offset; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 259 05 005	Multiple tool holder C 3 IC	
	Weight [kg]:	4.210
	Employment for:	Main- and sub spindle
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!; not
	Offset [mm]:	27 27
8 259 05 006	Multiple tool holder C 3 IC	
	Weight [kg]:	2.840
	Notation:	180° reversible
	Version:	right; Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27

Part-#	Name	
	8 259 05 007 Multiple tool holder C 3 IC	Weight [kg]: 4.000 Notation: 180° reversible Version: right; Y-axes offset Shank type: BMT Machine adaption: Centering bolt ø 12 Tool adaption: heimatec Capto(TM) C 3 heimatec Capto(TM) C 3 Coolant: IC Pressure max [bar]: 100 Please note: Check applicability; note tool length! Offset [mm]: 65
	8 259 09 001 Multiple holder ø25 and sq. 20	Weight [kg]: 3.980 Notation: 180° reversible Shank type: BMT Machine adaption: Centering bolt ø 12 Tool adaption: ø25/ sq. 20 ø25/ sq. 20 Coolant: IC/Ext Center distance [mm]: 50/85
	8 261 08 000 Tool holder for centering insert	Weight [kg]: 5.270 Notation: 180° reversible Shank type: BMT Machine adaption: Centering bolt Ø 12 Tool adaption: Ø 32 Coolant: EXT Please note: Price without centering point Center distance [mm]: 55
	8 263 09 000 Tool holder with rotating centering point	Weight [kg]: 4.070 Notation: 180° reversible Shank type: BMT Machine adaption: Centering bolt ø 12 Rotation max [1/min]: 6000 Coolant: EXT Please note: Taper roller bearings Center distance [mm]: 75
	8 263 09 007 Tool holder with rotating centering point	Weight [kg]: 6.410 Notation: 180° reversible; offset Shank type: BMT Machine adaption: Centering bolt ø 12 Rotation max [1/min]: 6000 Coolant: EXT Center distance [mm]: 85

Part-#	Name	
8 320 02 017	Cut-off holder, height adjustable SH 26 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 02 018	Cut-off holder, height adjustable SH 26 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 09 003	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.390
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

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