

Nakamura  
**AS-200LS - 12**  
**Stationen**



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

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

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

## \*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems




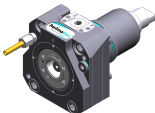
Tool systems for gear production

Digital tool management

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Part-#	Name	
<b>8 010 55 033</b>	<b>Axial milling and drill holder ER 25 AX UT</b>	
	Weight [kg]:	2.830
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 55 035</b>	<b>Axial milling and drill holder ER 25 AX UT IC</b>	
	Weight [kg]:	2.860
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; high pressure version; dryrun possible
<b>8 010 55 049</b>	<b>Axial drilling and milling head Weldon 16</b>	
	Weight [kg]:	3.140
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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
	Please note:	Combi bearing
<b>8 010 55 068</b>	<b>Axial drilling and milling head C 3</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	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

Part-#

Name

**8 010 55 069**

**Axial drilling and milling head C 3 IC**



Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
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: IC/Ext  
Pressure max [bar]: 100

**8 010 55 078**

**Axial drilling and milling head Weldon 3/4" IC**



Weight [kg]: 3.200  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: Weldon (DIN 1835 b) 3/4" (19,05mm)  
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

**8 010 55 081**

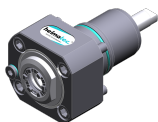
**Axial drilling and milling head Weldon 3/4"**



Weight [kg]: 3.200  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: Weldon (DIN 1835 b) 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

**8 010 55 092**

**Axial drilling and milling head ER 25 AX UT IC**



Weight [kg]: 2.870  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:1  
Torque max [Nm]: 50  
Rotation max [1/min]: 6000  
Rotating direction: same  
Coolant: IC air  
Pressure max [bar]: 10  
Please note: Combi bearing

Part-#

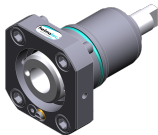
Name

**8 010 55 109****Axial drilling and milling head ER 25 AX UT**

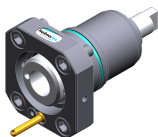
Weight [kg]: 2.600  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: same  
 Coolant: EXT

**8 010 55 111****Axial drilling and milling head ER 25 AX UT IC**





Weight [kg]: 3.000  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 15000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 100  
 Please note: Dryrun possible

**8 010 56 031****Axial drilling and milling head HT 4 IC**

Weight [kg]: 1.760  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: HT 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: short version

**8 010 56 032****Axial drilling and milling head HT 4**

Weight [kg]: 1.740  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: HT 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: short version

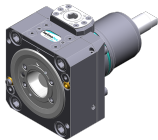
Part-#	Name	
<b>8 010 56 059</b>	<b>Axial drilling and milling head HT 4</b>	
	Weight [kg]:	2.880
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 56 063</b>	<b>Axial milling and drill holder ER 32 AX UT</b>	
	Weight [kg]:	3.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 56 064</b>	<b>Axial milling and drill holder ER 32 AX UT IC</b>	
	Weight [kg]:	3.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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]:	25
	Please note:	Combi bearing
<b>8 010 56 065</b>	<b>Axial milling and drill holder ER 32 AX UT IC</b>	
	Weight [kg]:	3.020
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Combi bearing; dryrun possible

## Part-#

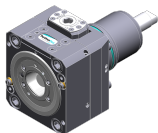
## Name

**8 010 56 066****Axial drilling and milling head HT 4 IC**

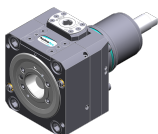
Weight [kg]:	2.930
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	HT 4
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext
Pressure max [bar]:	25
Please note:	Combi bearing

**8 010 56 110****Axial drilling and milling head C 4**

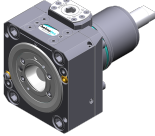



Weight [kg]:	4.750
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	heimatec Capto(TM) C 4
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Please note:	Check applicability; tool length check !

**8 010 56 111****Axial drilling and milling head C 4 IC**

Weight [kg]:	5.800
Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Machine adaption:	Centering key b 20
Tool adaption:	heimatec Capto(TM) C 4
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:	Check applicability; tool length check !

**8 010 56 120****Axial drilling and milling head C 4 IC**

Notation:	180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Machine adaption:	Centering key b 20
Tool adaption:	heimatec Capto(TM) C 4
Gear ratio [i]:	1:1
Torque max [Nm]:	50
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	25
	Please note:	Check applicability; tool length check !
<b>8 010 56 138</b>	<b>Axial drilling and milling head C 4</b>	
	Weight [kg]:	4.730
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Check applicability; tool length check !
<b>8 010 56 140</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
<b>8 010 56 144</b>	<b>Axial drilling and milling head HT 4 IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
<b>8 010 56 151</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	2.770
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT

Part-#

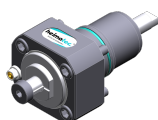
Name

**8 010 56 153****Axial drilling and milling head ER 32 AX UT IC**

Weight [kg]: 3.180  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 15000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 100

**8 011 54 006****Axial milling head universal arbor 3/4"**

Weight [kg]: 2.910  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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

**8 011 54 015****Axial milling head arbor 5/8"**

Weight [kg]: 2.880  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Arbor 5/8" (15,875mm)  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: Combi bearing

**8 011 55 014****Axial milling head universal arbor 22 IC**

Weight [kg]: 3.080  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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: IC/Ext  
 Pressure max [bar]: 100  
 Please note: Combi bearing, Trockenauf possible

Part-#	Name	
<b>8 011 55 015</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	3.000
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	Combi bearing
<b>8 013 53 000</b>	<b>Axial drilling and milling head ER 11</b>	
	Weight [kg]:	2.300
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	2,5
	Rotation max [1/min]:	48000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 54 005</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	2.200
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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
<b>8 013 54 007</b>	<b>Axial drilling and milling head ER 16 AX UT IC</b>	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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]:	80
<b>8 019 51 002</b>	<b>Axial drilling and milling head CHC</b>	
	Weight [kg]:	6.880
	Notation:	IC-300
	Version:	no Splash-protection
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT

Part-#	Name
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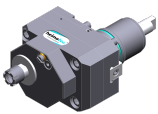
Tool adaption:	CHC
Gear ratio [i]:	1:1,5
Rotation max [1/min]:	18000
Rotating direction:	same
Coolant:	no
Center distance [mm]:	77

**8 019 54 014 Axial drilling and milling head ER 20 AX UT IC**



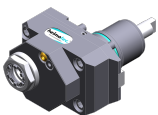
Weight [kg]:	6.240
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 20 A - u-tec
Gear ratio [i]:	1:2
Torque max [Nm]:	25
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	stronger bearing
Offset [mm]:	42

**8 019 54 055 Axial drilling and milling head ER 16 M IC**



Weight [kg]:	6.200
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 16 M
Gear ratio [i]:	1:2
Torque max [Nm]:	25
Rotation max [1/min]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Please note:	stronger bearing
Offset [mm]:	42

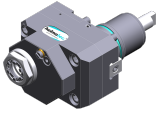
**8 019 55 018 Axial drilling and milling head ER 25 AX UT**



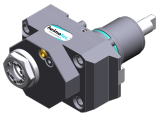
Weight [kg]:	5.230
Notation:	offset; 180° reversible
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	55.00
Shank type:	BMT
Tool adaption:	ER 25 A - u-tec
Gear ratio [i]:	1:1
Torque max [Nm]:	40
Rotation max [1/min]:	6000
Rotating direction:	opposite
Coolant:	EXT
Please note:	stronger bearing
Offset [mm]:	42

Part-#

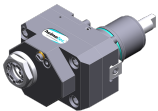
Name

**8 019 55 023****Axial drilling and milling head ER 25 AX UT IC**

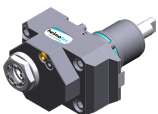
Weight [kg]: 6.260  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 40  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Offset [mm]: 42

**8 019 55 024****Axial drilling and milling head ER 25 AX UT**

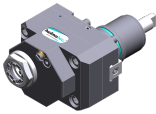

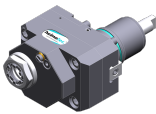
Weight [kg]: 5.230  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Offset [mm]: 42

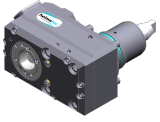
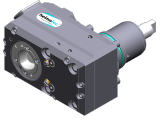

**8 019 55 025****Axial drilling and milling head ER 25 AX UT IC**

Weight [kg]: 6.330  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Offset [mm]: 42

**8 019 55 026****Axial drilling and milling head ER 25 AX UT**

Weight [kg]: 5.300  
 Notation: offset; 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:3  
 Torque max [Nm]: 16

Part-#	Name	
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	42
<b>8 019 55 027</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.350
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	42
<b>8 019 55 028</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.240
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	42
<b>8 019 55 029</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.220
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Offset [mm]:	42

Part-#	Name	
<b>8 019 56 038</b>	<b>Axial drilling and milling head C 4</b>	
	Weight [kg]:	6.930
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; note tool length!
	Offset [mm]:	62
<b>8 019 56 042</b>	<b>Axial drilling and milling head C 4 IC</b>	
	Weight [kg]:	7.720
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	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:	Check applicability; note tool length!
	Offset [mm]:	62
<b>8 019 56 057</b>	<b>Axial drilling and milling head C 4 IC</b>	
	Weight [kg]:	7.650
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 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
	Please note:	Check applicability; note tool length!
	Offset [mm]:	62
<b>8 030 53 005</b>	<b>Radial drilling and milling head ER 11</b>	
	Weight [kg]:	5.210
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:4
	Torque max [Nm]:	2,5

Part-#	Name
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Rotation max [1/min]: 48000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Check applicability!  
 Center distance [mm]: 65

**8 030 54 001 Radial drilling and milling head ER 20**



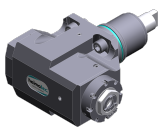
Weight [kg]: 4.750  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 55

**8 030 54 049 Radial drilling and milling head ER 16 AX UT IC**



Weight [kg]: 6.500  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 16 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; high pressure version  
 Center distance [mm]: 65

**8 030 54 050 Radial drilling and milling head ER 16 AX UT IC**



Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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

**8 030 54 056 Radial drilling and milling head ER 20 AX UT IC**



Weight [kg]: 5.320  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 20 A - u-tec  
 Gear ratio [i]: 1:1

Part-#

Name

Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Combi bearing  
 Center distance [mm]: 55

8 030 54 064

**Radial drilling and milling head ER 20 AX UT IC**

Weight [kg]: 6.520  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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 55 004

**Radial drilling and milling head ER 25 IC**

Weight [kg]: 5.200  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 55

8 030 55 007

**Radial drilling and milling head ER 25**

Weight [kg]: 4.770  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 55

Part-#	Name
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8 030 55 063

**Radial drilling and milling head ER 25 AX UT**



Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65

8 030 55 087

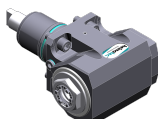
**Radial drilling and milling head Weldon 3/4"**



Weight [kg]: 6.690  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Weldon (DIN 1835 b) 3/4" (19,05mm)  
 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 55 091

**Angle-mill- and drill holder ER 25 AX UT IC**



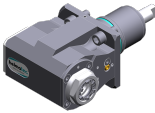

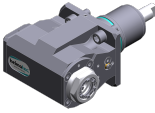
Weight [kg]: 6.680  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Combi bearing; high pressure version  
 Center distance [mm]: 65

8 030 55 092


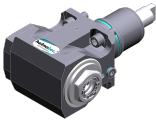
**Angle-mill- and drill holder ER 25 AX UT**

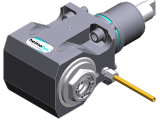
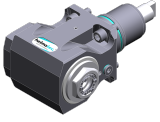



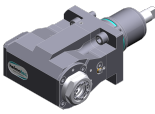
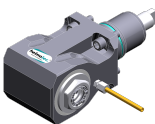
Weight [kg]: 6.320  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite

Part-#	Name	
		Coolant: EXT Please note: Combi bearing Center distance [mm]: 65
<b>8 030 55 122</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]: 6.380	
	Notation: 180° reversible	
	Tool drive: Flat (~DIN 1809)	
	Shank size [mm]: 55.00	
	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; check applicability;	
	Center distance [mm]: 77	
<b>8 030 55 131</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]: 4.980	
	Tool drive: Flat (~DIN 1809)	
	Shank size [mm]: 55.00	
	Shank type: BMT	
	Tool adaption: ER 25 A - u-tec	
	Gear ratio [i]: 1:1	
	Torque max [Nm]: 25	
	Rotation max [1/min]: 6000	
	Rotating direction: opposite	
	Coolant: EXT	
	Please note: stronger bearing	
	Center distance [mm]: 55	
<b>8 030 55 139</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]: 6.560	
	Notation: 180° reversible	
	Tool drive: Flat (~DIN 1809)	
	Shank size [mm]: 55.00	
	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: IC/Ext	
	Pressure max [bar]: 140	
	Please note: stronger bearing	
	Center distance [mm]: 77	
<b>8 030 55 140</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]: 6.700	
	Notation: 180° reversible	
	Tool drive: Flat (~DIN 1809)	
	Shank size [mm]: 55.00	
	Shank type: BMT	
	Tool adaption: ER 25 A - u-tec	
	Gear ratio [i]: 1:3	

Part-#	Name	
	Torque max [Nm]:	12
	Rotation max [1/min]:	18000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	77
<b>8 030 55 154</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	5.390
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	High pressure version, stronger bearing
	Center distance [mm]:	55
<b>8 030 55 158</b>	<b>Radial drilling and milling head C 3 IC</b>	
	Weight [kg]:	8.280
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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
<b>8 030 55 159</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.710
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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
	Please note:	stronger bearing
	Center distance [mm]:	107

Part-#	Name	
<b>8 030 55 216</b>	<b>Angle-mill- and drill holder ER 25 AX UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing; check applicability
	Center distance [mm]:	95
<b>8 030 55 217</b>	<b>Angle-mill- and drill holder ER 25 AX UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing; Einsetzbarkeit check!
	Center distance [mm]:	95
<b>8 030 55 238</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.100
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
<b>8 030 55 239</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.470
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name	
	Center distance [mm]:	65
<b>8 030 55 240</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.380
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 030 55 241</b>	<b>Angle drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.960
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 030 55 244</b>	<b>Angle-mill- and drill holder ER 25 AS UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 55 246</b>	<b>Radial drilling and milling head ER 25 AS UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65

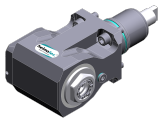
Part-#	Name	
<b>8 030 55 247</b>	<b>Radial drilling and milling head ER 25 AS UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	65
<b>8 030 55 250</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	8.170
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	100
<b>8 030 55 251</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	7.520
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	16000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing; check applicability;
	Center distance [mm]:	100
<b>8 030 55 262</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	7.500
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite

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Part-#	Name
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Coolant: EXT  
Please note: Check applicability!  
Center distance [mm]: 95

**8 030 55 263 Radial drilling and milling head ER 25 AX UT IC**



Weight [kg]: 7.980  
Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: ER 25 A - u-tec  
Gear ratio [i]: 1:1  
Torque max [Nm]: 50  
Rotation max [1/min]: 12000  
Rotating direction: opposite  
Coolant: IC/Ext  
Pressure max [bar]: 140  
Please note: Check applicability!  
Center distance [mm]: 95

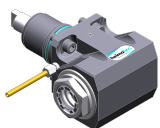
**8 030 56 013 Radial drilling and milling head HT 4**

Weight [kg]: 4.620  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: HT 4  
Gear ratio [i]: 1:1  
Torque max [Nm]: 25  
Rotation max [1/min]: 6000  
Rotating direction: opposite  
Coolant: EXT  
Center distance [mm]: 55

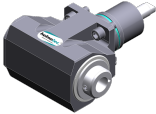
**8 030 56 059 Radial drilling and milling head HT 4 IC**

Notation: 180° reversible  
Version: long  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: HT 4  
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 56 070 Radial drilling and milling head ER 32 AX UT**



Notation: 180° reversible  
Tool drive: Flat (~DIN 1809)  
Shank size [mm]: 55.00  
Shank type: BMT  
Tool adaption: ER 32 A - u-tec  
Gear ratio [i]: 2:1  
Torque max [Nm]: 63

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 56 075</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	6.580
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 56 090</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 56 095</b>	<b>Angle-mill- and drill holder ER 32 AX UT</b>	
	Weight [kg]:	6.320
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65

Part-#	Name
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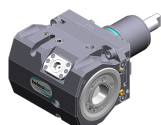
8 030 56 096



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

Weight [kg]: 6.700  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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 56 176



**Radial drilling and milling head C 4**

Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: heimatec Capto(TM) C 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 40  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Pressure max [bar]: 140  
 Please note: Check applicability; note tool length!  
 Center distance [mm]: 65

8 030 56 177


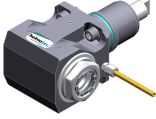
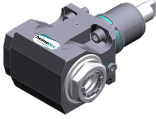
**Radial drilling and milling head C 4 IC**

Weight [kg]: 9.780  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: heimatec Capto(TM) C 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 40  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Check applicability; note tool length!  
 Center distance [mm]: 65

8 030 56 214

**Radial drilling and milling head C 4 IC**

Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: heimatec Capto(TM) C 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext

Part-#	Name	
	Pressure max [bar]:	140
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	65
<b>8 030 56 215</b>	<b>Radial drilling and milling head C 4</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	65
<b>8 030 56 216</b>	<b>Radial drilling and milling head Weldon 20 IC</b>	
	Weight [kg]:	7.040
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 20
	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; high pressure version
	Center distance [mm]:	65
<b>8 030 56 235</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.050
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65
<b>8 030 56 236</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	5.830
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50

Part-#

Name

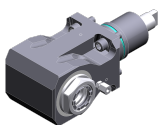
Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 65

**8 030 56 237****Radial drilling and milling head ER 32 AX UT**

Weight [kg]: 6.500  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 75

**8 030 56 238****Radial drilling and milling head ER 32 AX UT IC**

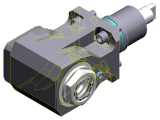
Weight [kg]: 7.200  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 75

**8 030 56 239****Radial drilling and milling head ER 32 AX UT**

Weight [kg]: 7.500  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Check applicability!  
 Center distance [mm]: 95

Part-#

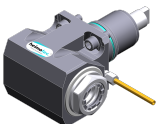
Name

**8 030 56 240****Radial drilling and milling head ER 32 AX UT IC**

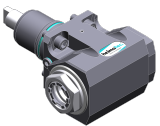
Weight [kg]: 7.960  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Check applicability!  
 Center distance [mm]: 95

**8 030 56 249****Radial drilling and milling head HT 4 IC**

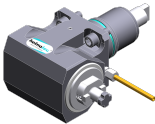
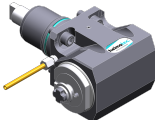
Weight [kg]: 6.580  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: HT 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 65

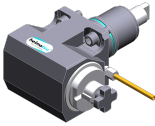
**8 030 56 271****Radial drilling and milling head ER 32 AX UT**

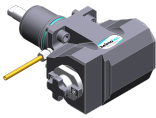
Weight [kg]: 6.380  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Center distance [mm]: 65

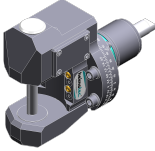
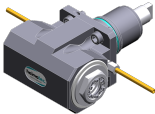
**8 030 56 275****Radial drilling and milling head ER 32 AX UT IC**

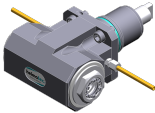
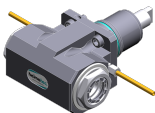
Weight [kg]: 6.700  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	65
<b>8 030 57 044</b>	<b>Radial drilling and milling head Weldon 25 IC</b>	
	Weight [kg]:	7.150
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	Combi bearing
	Center distance [mm]:	65
<b>8 030 57 120</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	65
<b>8 031 54 014</b>	<b>Radial milling head universal arbor 16</b>	
	Weight [kg]:	6.500
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 031 54 015</b>	<b>Radial polygon head arbor 16</b>	
	Weight [kg]:	6.650
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Polygon arbor 16

Part-#	Name	
		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
<b>8 031 56 010</b>	<b>Radial polygon head arbor 27</b>	
		Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: Polygon 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
<b>8 031 56 012</b>	<b>Radial milling head universal arbor 27</b>	
		Weight [kg]: 6.560 Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 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
<b>8 031 56 022</b>	<b>Radial milling head universal arbor 27</b>	
		Notation: 180° reversible Tool drive: Flat (~DIN 1809) Shank size [mm]: 55.00 Shank type: BMT Tool adaption: Universal arbor 27 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

Part-#	Name		
	<b>8 031 56 026</b>	<b>Radial milling head arbor 27</b>	
		Notation:	180° reversible
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		Shank type:	BMT
		Tool adaption:	Arbor 27
		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
8 037 52 000	<b>Woodruff keycutter for disk mill arbor 10</b>		
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		Shank type:	BMT
		Tool adaption:	Arbor 10
		Gear ratio [i]:	1,333:1
		Torque max [Nm]:	32
		Rotation max [1/min]:	2250
8 037 52 002	<b>Radial disk mill head arbor 10</b>		
		Weight [kg]:	6.900
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		Shank type:	BMT
		Tool adaption:	Arbor 10
		Gear ratio [i]:	2:1
		Torque max [Nm]:	32
		Rotation max [1/min]:	3000
		Rotating direction:	opposite
		Coolant:	no
		Center distance [mm]:	76
8 037 53 001	<b>Radial disk mill head arbor 13</b>		
		Weight [kg]:	6.960
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		Shank type:	BMT
		Tool adaption:	Arbor 13
		Gear ratio [i]:	2:1
		Torque max [Nm]:	32
		Rotation max [1/min]:	3000
		Rotating direction:	opposite
	Coolant:	no	
	Center distance [mm]:	76	

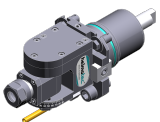
Part-#	Name	
	<b>8 037 53 007</b>	<b>Radial disk mill head arbor 1/2"</b>
	Weight [kg]:	6.750
	Version:	360° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Arbor 1/2" (12,7mm)
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	90
	<b>8 039 54 029</b>	<b>Radial milling head arbor 16</b>
	Weight [kg]:	9.600
	Notation:	offset; 180° reversible
	Version:	Special; ±45° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
Please note:	stronger bearing	
Center distance [mm]:	91	
	<b>8 039 55 003</b>	<b>Radial drilling and milling head ER 25</b>
	Weight [kg]:	5.330
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	55
	<b>8 039 55 042</b>	<b>Radial drilling and milling head ER 25 AX UT</b>
	Weight [kg]:	6.480
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite


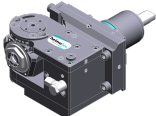
Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	65
<b>8 039 55 047</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.800
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	75
<b>8 039 56 009</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.600
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	65
<b>8 039 56 016</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.300
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	65

Part-#	Name	
<b>8 039 56 032</b>	<b>Radial drilling and milling head C 4</b>	180° reversible Main- and sub spindle double spindle Flat (~DIN 1809) 55.00 BMT heimatec Capto(TM) C 4 1:1 40 6000 same/opposite EXT Check applicability; note tool length 65
<b>8 039 56 038</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	offset; 180° reversible ± 45° turnable Flat (~DIN 1809) 55.00 BMT ER 32 A - u-tec 1:1 50 6000 same IC/Ext 140 stronger bearing 91
<b>8 039 56 040</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	9.360 offset; 180° reversible ± 45° turnable Flat (~DIN 1809) 55.00 BMT ER 32 A - u-tec 1:1 50 6000 same EXT stronger bearing 91
<b>8 039 56 041</b>	<b>Radial drilling and milling head hydro 20</b>	9.680 offset; 180° reversible ± 45° turnable Flat (~DIN 1809) 55.00 BMT Hydro clamp Ø 20 1:1 50


Nakamura  
AS-200LS - 12 Stationen

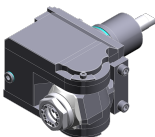

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	91
<b>8 040 53 000</b>	<b>Universal head ± 90° adjustable ER 11 AX</b>	
	Weight [kg]:	3.150
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	57
<b>8 040 53 001</b>	<b>Universal head ± 90° adjustable ER 11 AX</b>	
	Weight [kg]:	2.900
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	57
<b>8 040 53 002</b>	<b>Universal head ± 90° adjustable ER 11 AX</b>	
	Weight [kg]:	2.880
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 040 53 003</b>	<b>Universal head ± 90° adjustable ER 11 AX</b>	
	Weight [kg]:	3.160
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	57

Part-#	Name		
	<b>8 040 54 002</b>	<b>Universal head ± 90° adjustable ER 16</b>	
		Weight [kg]:	3.180
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		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]:	57	
	<b>8 040 54 006</b>	<b>Universal head ± 90° adjustable ER 16</b>	
		Weight [kg]:	3.180
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		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]:	57	
	<b>8 040 54 007</b>	<b>Universal head ± 90° adjustable ER 16</b>	
		Weight [kg]:	3.180
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		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]:	57	
	<b>8 040 54 008</b>	<b>Universal head ± 90° adjustable ER 16</b>	
		Weight [kg]:	3.180
		Tool drive:	Flat (~DIN 1809)
		Shank size [mm]:	55.00
		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]:	57	

Part-#	Name	
<b>8 040 54 009</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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]:	57
<b>8 040 54 012</b>	<b>Universal head ± 90° adjustable HT 2</b>	
	Version:	75° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	57
<b>8 040 54 033</b>	<b>Universal head ± 90° adjustable ER 16 AS UT IC</b>	
	Weight [kg]:	3.320
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; note center distance!
	Center distance [mm]:	46
<b>8 043 54 000</b>	<b>Universal head +135°/-30° adj. ER16 AX UT</b>	
	Weight [kg]:	9.850
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	EXT
	Center distance [mm]:	69
	Offset [mm]:	60

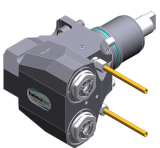
Part-#	Name
<b>8 043 54 001</b>	<b>Universal head +135°/-30° adj. ER16AX UTIK</b>
	Weight [kg]: 9.920
	Notation: offset; 180° reversible
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 55.00
	Shank type: BMT
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 69
	Offset [mm]: 60
<b>8 043 54 002</b>	<b>Universal head +135°/-30° adj. ER16 AX UT</b>
	Weight [kg]: 9.930
	Notation: offset; 180° reversible
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 55.00
	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: same
	Coolant: EXT
	Center distance [mm]: 69
	Offset [mm]: 60
<b>8 043 54 003</b>	<b>Universal head +135°/-30° adj. ER16AX UTIK</b>
	Weight [kg]: 9.900
	Notation: offset
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 55.00
	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: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Please note: 180° reversible
	Center distance [mm]: 69
	Offset [mm]: 60
<b>8 043 54 004</b>	<b>Universal head +135°/-30° adj. ER20 AX UT</b>
	Weight [kg]: 10.010
	Notation: offset; 180° reversible
	Tool drive: Flat (~DIN 1809)
	Shank size [mm]: 55.00
	Shank type: BMT
	Tool adaption: ER 20 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000

Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	69
	Offset [mm]:	60
<b>8 043 54 019</b>	<b>Universal head +160°/-20° adj. ER16 AX UT</b>	
	Weight [kg]:	6.100
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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:	EXT
	Center distance [mm]:	35
	Offset [mm]:	65
<b>8 043 54 034</b>	<b>Universal head ± 10° adjustable ER 16 AX UT IC</b>	
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability! note swivel range;
	Center distance [mm]:	62
	Offset [mm]:	48,5
<b>8 043 55 001</b>	<b>Universal head +135°/-30° adj. ER25 AX UT</b>	
	Weight [kg]:	10.060
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	69
	Offset [mm]:	60

Part-#	Name	
<b>8 043 55 021</b>	<b>Universal head +150°/-15° adj. ER25 AX UT</b>	
	Weight [kg]:	6.410
	Notation:	offset; 180° reversible
	Version:	at 55° position can be pinned
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	35
	Offset [mm]:	65
<b>8 043 55 022</b>	<b>Universal head +135°/-30° adj. ER25AX UTIK</b>	
	Weight [kg]:	10.080
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	69
	Offset [mm]:	60
<b>8 050 54 005</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	6.100
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	56
<b>8 050 54 008</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	5.700
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
<b>8 050 54 014</b>	<b>Multispindle drilling head ER 20 AX UT IC</b>	
	Weight [kg]:	5.920
	Notation:	offset
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 20 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
	Offset [mm]:	58
<b>8 050 54 021</b>	<b>Multispindle drilling head ER 16 AX UT IC</b>	
	Weight [kg]:	6.110
	Notation:	offset; 180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 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]:	25
	Offset [mm]:	56
<b>8 050 54 036</b>	<b>Multispindle drilling head ER 16 AX UT IC</b>	
	Weight [kg]:	6.040
	Notation:	offset; 180° reversible
	Version:	3-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	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
	Please note:	2x ER 16 A offset, 1x centered, IC only in 2 x
	Offset [mm]:	56

Part-#	Name	
<b>8 050 54 037</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	6.900
	Notation:	offset; 180° reversible
	Employment for:	Main- and sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	no
	Please note:	stronger bearing
	Offset [mm]:	+38,1/-38,1
<b>8 050 54 038</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	6.870
	Notation:	offset; 180° reversible
	Employment for:	Main- and sub spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	+38,1/-38,1
<b>8 050 56 006</b>	<b>Multispindle drilling head C 4 IC</b>	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	heimatec Capto(TM) C 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Check applicability; tool length check !
	Offset [mm]:	62
<b>8 053 54 045</b>	<b>Multispindle radial head ER 16 AX UT</b>	
	Weight [kg]:	6.850
	Notation:	180° reversible
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1

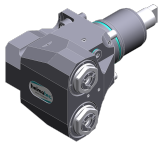


Part-#

Name

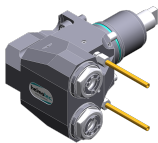
Torque max [Nm]: 32/Sp  
 Rotation max [1/min]: 12000  
 Rotating direction: same  
 Coolant: EXT  
 Center distance [mm]: 75

8 053 54 046

**Multispindle radial head ER 16 AX UTIK**

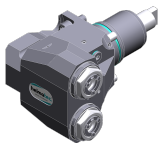
Notation: 180° reversible  
 Version: 2-spindles  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 32/Sp  
 Rotation max [1/min]: 12000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 75

8 053 54 047


**Multispindle radial head ER 20 AX UT**

Notation: 180° reversible  
 Version: 2-spindles  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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  
 Center distance [mm]: 75

8 053 54 048



**Multispindle radial head ER 20 AX UTIK**

Notation: 180° reversible  
 Version: 2-spindles  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 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  
 Center distance [mm]: 75



Part-#	Name	
<b>8 068 54 000</b>	<b>Radial whirling unit HW 46</b>	
	 <p>Notation: 180° reversible            Tool drive: Flat (~DIN 1809)            Shank size [mm]: 55.00            Shank type: BMT            Tool adaption: HW 46            Gear ratio [i]: 1:1            Torque max [Nm]: 16            Rotation max [1/min]: 8000            Rotating direction: same            Coolant: EXT            Please note: without cutting inserts carrier; check applicability;            Center distance [mm]: 65</p>	
<b>8 100 15 001</b>	<b>Tool holder radial ø17,1 / minus</b>	
	<p>Employment for: Angle handpiece or extension CN01            Tool drive: Flat (~DIN 1809)            Shank size [mm]: 55.00            Shank type: BMT            Tool adaption: Interface ø17,1 / M17x1            Gear ratio [i]: 1:2            Rotation max [1/min]: 12000            Rotating direction: same            Coolant: no            Center distance [mm]: 77</p>	
<b>8 102 15 000</b>	<b>Tool holder Ø 17</b>	
	<p>Weight [kg]: 1.930            Employment for: Angle handpiece            Tool drive: Flat (~DIN 1809)            Shank size [mm]: 55.00            Shank type: BMT            Tool adaption: Interface 17            Gear ratio [i]: 1:1            Rotation max [1/min]: 6000            Rotating direction: same            Coolant: no</p>	
<b>8 200 03 002</b>	<b>Cover plate</b>	
	 <p>Weight [kg]: 0.300            Shank type: BMT</p>	
<b>8 200 10 002</b>	<b>Tool blank</b>	
	<p>Weight [kg]: 4.190            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 20            Please note: Housing rigid</p>	

Part-#	Name	
8 202 10 006	<b>Basic holder longitudinal seat FN 12</b>	Weight [kg]: 0.960
		Notation: 180° reversible
		Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: Interface FN 12
		Coolant: EXT
8 209 10 000	<b>Tool blank</b>	Weight [kg]: 4.580
		Shank type: BMT
		Machine adaption: Centering key b 20
		Coolant: EXT
8 209 14 002	<b>Adapter for VDI 40</b>	Weight [kg]: 2.720
		Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: DIN 69880 - 40
		Coolant: EXT
		Center distance [mm]: 35
8 209 14 003	<b>Adapter for VDI 40 offset</b>	Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: DIN 69880 - 40
		Coolant: EXT
		Center distance [mm]: 65
8 224 11 002	<b>Turning holder sq. 20</b>	Weight [kg]: 2.420
		Employment for: right cutting tools
		Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: Sq. 20
		Coolant: EXT
8 224 11 003	<b>Cut-off holder sq. 20</b>	Weight [kg]: 1.040
		Employment for: right cutting tools
		Version: Edge on side of turret
		Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: Sq. 20
		Coolant: EXT
8 224 11 005	<b>Cut-off holder sq. 20</b>	Weight [kg]: 1.100
		Employment for: left cutting tools
		Version: Edge on center of turret
		Shank type: BMT
		Machine adaption: Centering key b 20
		Tool adaption: Sq. 20
		Coolant: EXT

Part-#	Name	
<b>8 224 11 016</b>	<b>Cut-off holder sq. 3/4" R 1441</b>	
	Weight [kg]:	1.110
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
<b>8 224 11 022</b>	<b>Cut-off holder sq. 20</b>	
	Weight [kg]:	1.350
	Employment for:	right cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 224 12 005</b>	<b>Cut-off holder sq. 25</b>	
	Weight [kg]:	1.480
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 224 12 006</b>	<b>Cut-off holder sq. 25</b>	
	Weight [kg]:	1.480
	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
<b>8 224 13 004</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	1.000
	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
<b>8 224 13 007</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	1.190
	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




Part-#	Name	
<b>8 224 13 013</b>	<b>Cut-off holder SH 32</b>	
	Weight [kg]:	1.480
	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
	Please note:	Special
<b>8 224 13 021</b>	<b>Cut-off holder SH 32 IC</b>	
	Weight [kg]:	1.030
	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:	IC/Ext
<b>8 224 14 000</b>	<b>Universal turning holder sq. 20</b>	
	Weight [kg]:	1.730
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
	Please note:	with spacer strip
<b>8 224 14 016</b>	<b>Universal turning holder sq. 20 IC</b>	
	Weight [kg]:	2.950
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 224 15 002</b>	<b>Universal turning holder sq. 25/20</b>	
	Weight [kg]:	2.800
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
	Please note:	With spacer strip for sq. 20
<b>8 224 15 012</b>	<b>Universal turning holder sq. 1"</b>	
	Weight [kg]:	2.720
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 1" (25,4mm)
		Sq. 1" (25,4mm)
	Coolant:	EXT

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Part-#	Name	
<b>8 224 15 046</b>	<b>Universal turning holder sq. 25/20</b>	
	Weight [kg]:	5.520
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25 Sq. 25
	Coolant:	EXT
	Please note:	Check applicability! with spacer strip for
<b>8 224 15 062</b>	<b>Universal turning holder sq. 25 IC</b>	
	Weight [kg]:	3.100
	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
<b>8 224 15 063</b>	<b>Universal turning holder sq. 1" IC</b>	
	Weight [kg]:	3.100
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 1" (25,4mm) Sq. 1" (25,4mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 225 11 002</b>	<b>Cut-off holder sq. 20 R 1432</b>	
	Weight [kg]:	1.120
	Employment for:	left cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 225 11 005</b>	<b>Cut-off holder sq. 20</b>	
	Weight [kg]:	1.170
	Employment for:	right cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 225 11 009</b>	<b>Cut-off holder sq. 3/4" R 1442</b>	
	Weight [kg]:	1.110
	Employment for:	left cutting tools
	Version:	Edge on side of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT

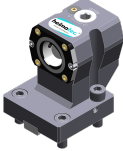
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Part-#	Name	
<b>8 225 11 012</b>	<b>Cut-off holder sq. 3/4"</b>	
	Weight [kg]:	1.200
	Employment for:	right cutting tools
	Version:	Edge on center of turret
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
	Coolant:	EXT
<b>8 229 16 001</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	2.400
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Offset [mm]:	12
<b>8 229 16 003</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.330
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Offset [mm]:	55
<b>8 229 16 008</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.430
	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]:	55
<b>8 229 16 009</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	2.410
	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]:	12


Part-#	Name	
<b>8 229 16 011</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.440
	Notation:	180° reversible
	Version:	left
	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]:	55
<b>8 229 17 003</b>	<b>Tool holder C 5 IC</b>	
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	64
<b>8 240 14 017</b>	<b>Boring bar holder Ø 12 - slotted</b>	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 12
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
<b>8 240 14 022</b>	<b>Boring bar holder Ø 10 - slotted</b>	
	Weight [kg]:	2.900
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 10
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
<b>8 240 15 003</b>	<b>Boring bar holder Ø 16 DIN 1835 E</b>	
	Weight [kg]:	3.020
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Whistle-Notch (DIN 1835 E) 16
	Coolant:	IC/Ext
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 15 004</b>	<b>Tool holder C 3 IC</b>	
	Weight [kg]:	3.580
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Center distance [mm]:	75
<b>8 240 15 006</b>	<b>Collet chuck holder ER 25</b>	
	Weight [kg]:	3.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	Insert reversible
	Center distance [mm]:	75
<b>8 240 15 007</b>	<b>Insert drill holder 16 IC</b>	
	Weight [kg]:	4.540
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 16
	Coolant:	IC
	Center distance [mm]:	75
<b>8 240 15 019</b>	<b>Collet chuck holder ER 25 AX UT IC</b>	
	Weight [kg]:	3.380
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 15 039</b>	<b>Boring bar holder Ø 16 - slotted</b>	
	Weight [kg]:	3.000
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 16
	Coolant:	EXT
	Center distance [mm]:	75
<b>8 240 16 001</b>	<b>Boring bar holder Ø 20 DIN 1835 E</b>	
	Weight [kg]:	2.960
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Whistle-Notch (DIN 1835 E) 20
	Coolant:	IC
	Center distance [mm]:	75



Part-#	Name	
<b>8 240 16 004</b>	<b>Tool holder HT 4 IC</b>	
	Weight [kg]:	2.890
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 16 005</b>	<b>Boring bar holder Ø 24</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 24
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 16 006</b>	<b>Tool holder HT 4 IC</b>	
	Weight [kg]:	3.340
	Notation:	offset
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 16 008</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	3.200
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	Insert reversible
	Center distance [mm]:	75
<b>8 240 16 009</b>	<b>Insert drill holder 20 IC</b>	
	Weight [kg]:	4.480
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 20
	Coolant:	IC
	Center distance [mm]:	75
<b>8 240 16 020</b>	<b>Tool holder HT 4 IC</b>	
	Weight [kg]:	5.900
	Notation:	offset; 180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	75




Part-#	Name	
<b>8 240 16 030</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 16 034</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	3.060
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 16 040</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.130
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 240 16 045</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	2.960
	Notation:	180° reversible
	Version:	offset; 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!
	Center distance [mm]:	75
<b>8 240 16 046</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.480
	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!
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 16 051</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.430
	Notation:	180° reversible
	Version:	left
	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!
	Center distance [mm]:	75
<b>8 240 16 054</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	2.840
	Notation:	180° reversible
	Version:	left; special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	40
<b>8 240 16 072</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	4.000
	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!
	Center distance [mm]:	95
<b>8 240 16 077</b>	<b>Boring bar holder Ø 20 - slotted</b>	
	Weight [kg]:	3.120
	Notation:	180° reversible
	Version:	slotted
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
	Coolant:	EXT
	Pressure max [bar]:	100
	Center distance [mm]:	75
<b>8 240 17 005</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	3.820
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 17 007</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	2.320
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 008</b>	<b>Boring bar holder Ø 25 DIN 1835 E</b>	
	Weight [kg]:	3.210
	Notation:	offset; 180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Whistle-Notch (DIN 1835 E) 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 17 011</b>	<b>Boring bar holder Ø 25,4 (1")</b>	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 016</b>	<b>Boring bar holder Ø 30</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 30
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 021</b>	<b>Collet chuck holder ER 40</b>	
	Weight [kg]:	3.710
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 40
	Coolant:	IC/Ext
	Please note:	Insert reversible
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 17 023</b>	<b>Insert drill holder 25 IC</b>	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 25
	Coolant:	IC
	Center distance [mm]:	75
<b>8 240 17 031</b>	<b>Boring bar holder Ø 30</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 30
	Coolant:	EXT
	Center distance [mm]:	112
<b>8 240 17 032</b>	<b>Boring bar holder Ø 30</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 30
	Coolant:	EXT
	Center distance [mm]:	105
<b>8 240 17 049</b>	<b>Boring bar holder Ø 1" offset</b>	
	Weight [kg]:	2.450
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 052</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	4.430
	Employment for:	Main spindle
	Version:	long; special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 17 061</b>	<b>Boring bar holder Ø 1"</b>	
	Weight [kg]:	2.300
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	55

Part-#	Name	
<b>8 240 17 065</b>	<b>Boring bar holder Ø 25 - slotted</b>	
	Weight [kg]:	3.670
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	EXT
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 078</b>	<b>Boring bar holder Ø 1 1/4" - slotted</b>	
	Weight [kg]:	3.440
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	EXT
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 17 096</b>	<b>Tool holder C 5 IC</b>	
	Weight [kg]:	5.030
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 5
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 240 17 106</b>	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	4.800
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Check applicability! housing rigid
	Center distance [mm]:	95
<b>8 240 17 114</b>	<b>Boring bar holder Ø 1"</b>	
	Weight [kg]:	4.760
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Please note:	Check applicability! housing rigid
	Center distance [mm]:	95


Part-#	Name	
<b>8 240 17 115</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	4.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Check applicability! housing rigid
	Center distance [mm]:	95
<b>8 240 17 116</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	2.440
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 18 010</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	3.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 18 011</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	2.680
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	55
<b>8 240 18 012</b>	<b>Boring bar holder Ø 32 offset</b>	
	Weight [kg]:	2.420
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 18 016</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.370
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	90
<b>8 240 18 021</b>	<b>Insert drill holder 32 IC</b>	
	Weight [kg]:	4.200
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 32
	Coolant:	IC
	Center distance [mm]:	75
<b>8 240 18 033</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	3.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 240 18 037</b>	<b>Boring bar holder Ø 1 1/2"</b>	
	Weight [kg]:	4.540
	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]:	75
<b>8 240 18 045</b>	<b>Boring bar holder Ø 32 offset</b>	
	Weight [kg]:	4.380
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Front edge ø32- adapter on turret center
	Center distance [mm]:	75
<b>8 240 18 085</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.605
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Check applicability! housing rigid
	Center distance [mm]:	95

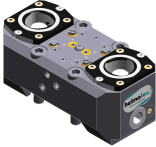
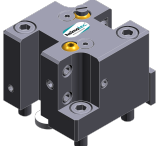
Part-#	Name	
<b>8 240 18 098</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	Check applicability!
	Center distance [mm]:	100
<b>8 240 18 102</b>	<b>Boring bar holder Ø 32 offset</b>	
	Weight [kg]:	6.780
	Notation:	180° reversible
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	Check applicability! length
	Center distance [mm]:	80
<b>8 240 19 007</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.260
	Notation:	offset; 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 19 009</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.480
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 240 19 012</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	3.460
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Special version
	Center distance [mm]:	75
<b>8 240 19 025</b>	<b>Insert drill holder 40 IC</b>	
	Weight [kg]:	4.740
	Notation:	180° reversible
	Shank type:	BMT
	Tool adaption:	Whistle-Notch (DIN 1835 E) 40
	Coolant:	IC
	Center distance [mm]:	75

Part-#	Name	
<b>8 240 19 105</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	2.400
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	35
<b>8 240 19 139</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.760
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC
	Please note:	Check applicability!
	Center distance [mm]:	100
<b>8 240 19 142</b>	<b>Boring bar holder Ø 40 offset</b>	
	Weight [kg]:	5.000
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Front edge Ø40- adapter 60mm from turret center offset
	Center distance [mm]:	75
<b>8 240 19 143</b>	<b>Boring bar holder Ø 40 offset</b>	
	Weight [kg]:	4.000
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Front edge Ø40- adapter 20mm from turret center offset
	Center distance [mm]:	75
<b>8 244 11 002</b>	<b>Facing holder sq. 20</b>	
	Weight [kg]:	2.340
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 244 11 009</b>	<b>Facing holder sq. 20</b>	
	Weight [kg]:	4.090
	Notation:	180° reversible
	Version:	Special; extended version
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT

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Part-#	Name	
<b>8 244 12 005</b>	<b>Facing holder sq. 1"</b>	
	Weight [kg]:	3.570
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 1" (25,4mm)
	Coolant:	EXT
<b>8 244 12 027</b>	<b>Facing holder sq. 25 IC</b>	
	Weight [kg]:	3.640
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
<b>8 249 15 001</b>	<b>Double collet chuck holder ER 25</b>	
	Weight [kg]:	4.240
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 249 15 013</b>	<b>Double tool holder C 3 IC</b>	
	Weight [kg]:	4.210
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	82,5
<b>8 249 16 000</b>	<b>Double collet chuck holder ER 32</b>	
	Weight [kg]:	4.000
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 249 16 009</b>	<b>Double tool holder HT 4</b>	
	Weight [kg]:	3.660
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	75

Part-#	Name	
<b>8 249 16 013</b>	<b>Double tool holder C 4 IC</b>	
	Weight [kg]:	5.290
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 249 16 015</b>	<b>Double tool holder C 4 IC</b>	
	Weight [kg]:	5.370
	Notation:	180° reversible
	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!
	Center distance [mm]:	75
<b>8 249 16 027</b>	<b>Double tool holder C 4 IC</b>	
	Weight [kg]:	6.280
	Notation:	180° reversible
	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!
	Center distance [mm]:	95
<b>8 249 17 003</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	3.770
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Housing rigid
	Center distance [mm]:	75
<b>8 250 15 004</b>	<b>Multiple tool holder C 3 IC</b>	
	Weight [kg]:	4.110
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3


Part-#	Name	
		heimatec Capto(TM) C 3 IC Check applicability; note tool length! ±55
<b>8 250 16 003</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption:  Coolant: Please note: Offset [mm]:	4.490 Main- and sub spindle right BMT Centering key b 20 heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 IC/Ext Check applicability; note tool length! ±55
<b>8 250 16 005</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]: Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	4.620 Main- and sub spindle right BMT Centering key b 20 heimatec Capto(TM) C 4 IC Check applicability; note tool length! ±55
<b>8 250 16 007</b>	<b>Double tool holder C 4 IC</b>	
	Weight [kg]: Notation: Employment for: Version: Shank type: Machine adaption: Tool adaption: Coolant: Please note: Offset [mm]:	4.630 180° reversible Main- and sub spindle left BMT Centering key b 20 heimatec Capto(TM) C 4 IC Check applicability; note tool length! ±55
<b>8 251 11 000</b>	<b>Double turning holder sq. 20</b>	
	Weight [kg]: Shank type: Machine adaption: Tool adaption: Coolant:	2.250 BMT Centering key b 20 Sq. 20 EXT
<b>8 251 11 003</b>	<b>Double turning holder sq. 20</b>	
	Weight [kg]: Notation: Employment for: Shank type: Machine adaption: Tool adaption:  Coolant:	2.420 180° reversible right cutting tools BMT Centering key b 20 Sq. 20 Sq. 20 EXT


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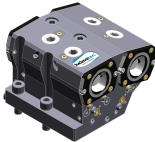

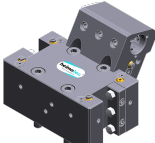
Part-#	Name	
<b>8 251 11 007</b>	<b>Double turning holder sq. 3/4"</b>	
	Weight [kg]:	2.390
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
<b>8 251 12 006</b>	<b>Double turning holder sq. 25</b>	
	Weight [kg]:	4.910
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25
	Coolant:	EXT
<b>8 251 13 007</b>	<b>Combi multiple holder 6x sq. 3/4" IC</b>	
	Weight [kg]:	5.600
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 13 008</b>	<b>Combi multiple holder 3x sq. 3/4" IC</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 14 004</b>	<b>Combi multiple holder 6x sq. 20</b>	
	Weight [kg]:	5.600
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
<b>8 251 14 027</b>	<b>Combi multiple holder 6x sq. 3/4"</b>	
	Weight [kg]:	5.900
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 3/4"
		Sq. 3/4"
		Sq. 3/4"





Part-#	Name	
	Coolant:	Sq. 3/4"
	Pressure max [bar]:	EXT 80
<b>8 251 14 078</b>	<b>Combi multiple holder 6x sq. 20 IC</b>	
	Weight [kg]:	5.620
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20 Sq. 20 Sq. 20 Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 14 079</b>	<b>Combi multiple holder 3x sq. 20 IC</b>	
	Weight [kg]:	3.650
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20 Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 15 048</b>	<b>Combi double turning holder sq. 25 IC</b>	
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 25 Sq. 25 Sq. 25 Sq. 25
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
<b>8 251 16 013</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	6.400
	Employment for:	Main- and sub spindle
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	±64

Part-#	Name	
<b>8 253 16 010</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	6.240
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 253 16 011</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	5.480
	Employment for:	Main spindle
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 253 16 014</b>	<b>Multiple tool holder C 4 IC</b>	
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 253 16 018</b>	<b>Multiple tool holder C 4 IC</b>	
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 253 16 025</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	6.320
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75

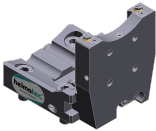

Part-#	Name	
<b>8 253 16 026</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	0.100
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4 - 15°
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 253 16 036</b>	<b>Multiple boring bar holder 3x Ø 20</b>	
	Weight [kg]:	7.040
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20 Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	55/95
<b>8 253 16 037</b>	<b>Multiple boring bar holder 6x Ø 20</b>	
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20 Ø 20 Ø 20 Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	55/95
<b>8 253 17 010</b>	<b>Double boring bar holder Ø 25 - W 1418-2</b>	
	Weight [kg]:	3.080
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25 Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 253 17 013</b>	<b>Multiple boring bar holder Ø 25</b>	
	Weight [kg]:	2.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	39/75

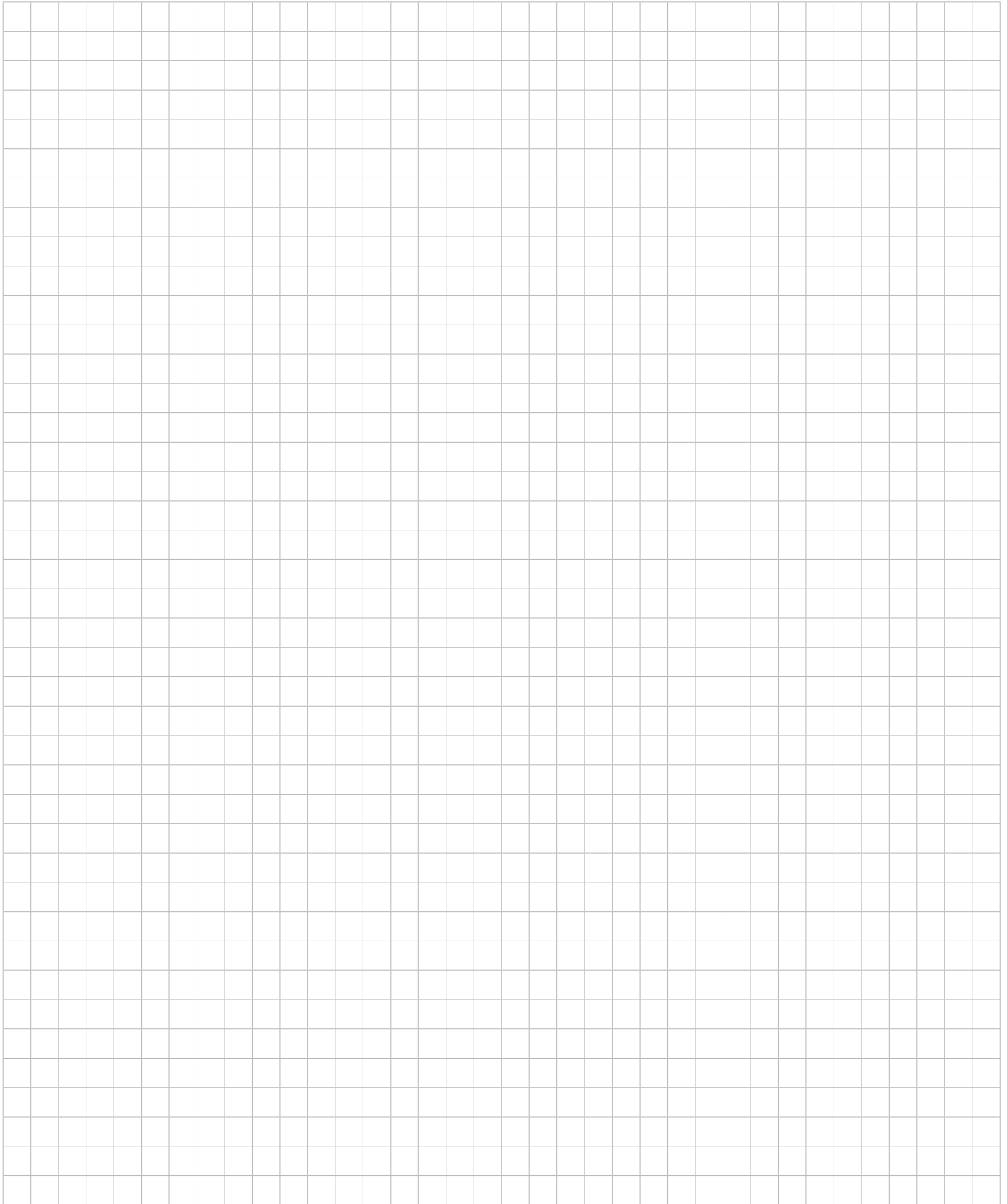
Part-#	Name	
<b>8 253 17 064</b>	<b>Multiple boring bar holder 2x Ø 25</b>	
	Weight [kg]:	5.140
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25 Ø 25 - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 253 17 066</b>	<b>Double boring bar holder Ø 1"</b>	
	Weight [kg]:	2.500
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	39/75
<b>8 253 17 067</b>	<b>Multiple boring bar holder 2x Ø 1"</b>	
	Weight [kg]:	5.120
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm) Ø 1" (25,4mm) - 15°
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 253 17 086</b>	<b>Multiple boring bar holder 3x Ø 1"</b>	
	Weight [kg]:	6.470
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" Ø 1"
	Coolant:	IC/Ext
	Center distance [mm]:	55/95
<b>8 259 12 010</b>	<b>Multiple turning holder 2x sq. 20</b>	
	Weight [kg]:	2.890
	Notation:	180° reversible
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20 Sq. 20
	Coolant:	EXT
<b>8 259 16 001</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	9.630
	Employment for:	Main- and sub spindle right
	Version:	BMT
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4
	Coolant:	IC/Ext

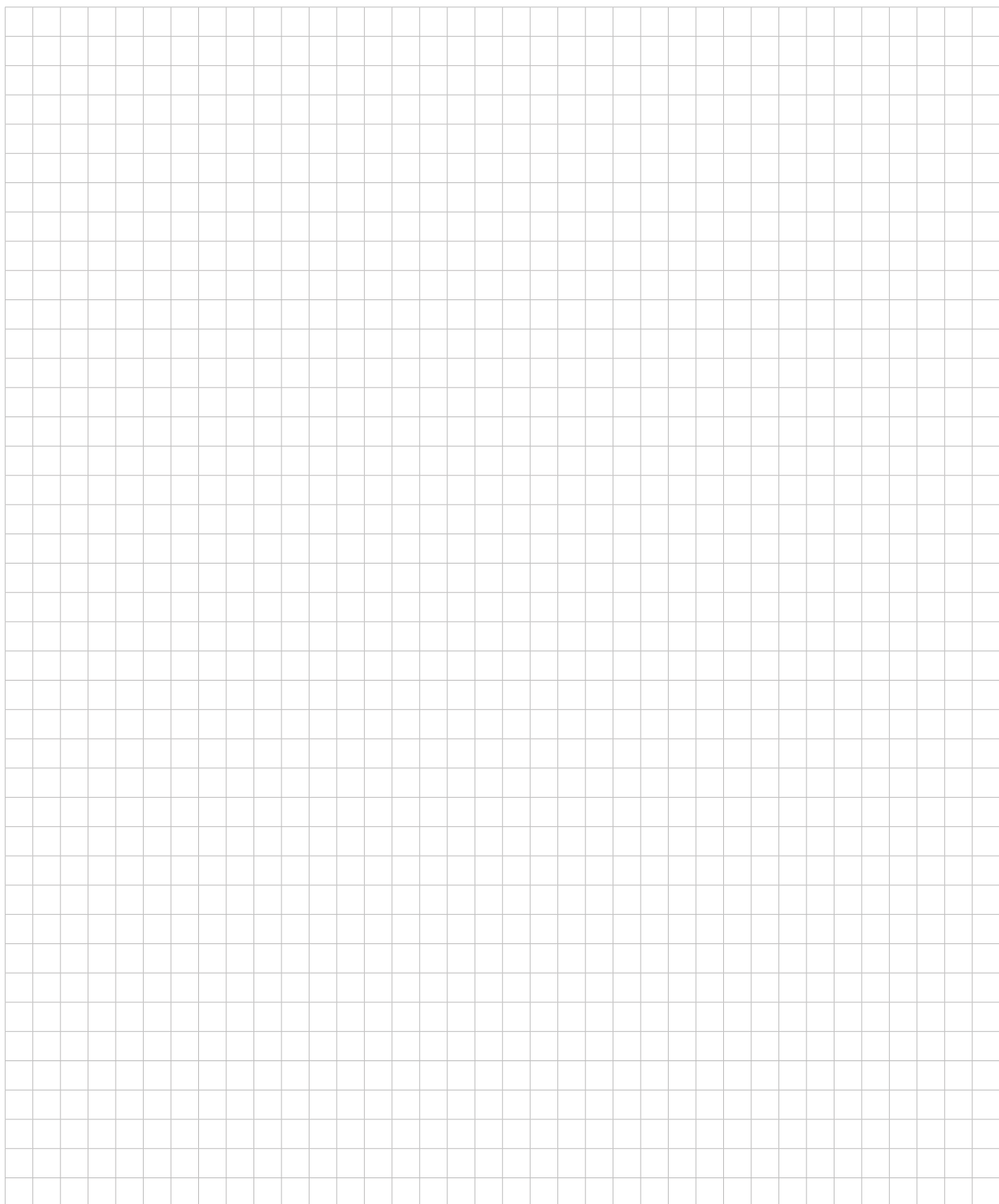
Part-#	Name	
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 259 16 004</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	9.610
	Employment for:	Main- and sub spindle
	Version:	left
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4 heimatec Capto(TM) C 4
	Coolant:	IC/Ext
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	75
<b>8 259 16 005</b>	<b>Multiple tool holder C 4 IC</b>	
	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!
	Center distance [mm]:	75
<b>8 259 17 005</b>	<b>Multiple holder Ø 25 and sq. 20</b>	
	Weight [kg]:	7.500
	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]:	95
<b>8 259 19 017</b>	<b>Multiple holder Ø 1" and sq. 3/4"</b>	
	Weight [kg]:	6.960
	Notation:	180° reversible
	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
	Center distance [mm]:	95

Part-#	Name	
<b>8 261 18 003</b>	<b>Tool holder for centering insert</b>	
	Weight [kg]:	5.960
	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]:	55 or 75
<b>8 262 19 001</b>	<b>Stock stop Ø 60 offset</b>	
	Weight [kg]:	3.440
	Notation:	rotating
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Coolant:	no
	Please note:	Lenght adjustable
	Center distance [mm]:	75
<b>8 263 19 002</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.280
	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]:	75
<b>8 320 12 010</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.680
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 12 020</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	with offset cut-off tool holder
<b>8 320 13 002</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.570
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

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Part-#	Name	
<b>8 320 13 010</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.730
	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
<b>8 320 13 015</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	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
	Please note:	with offset cut-off tool holder





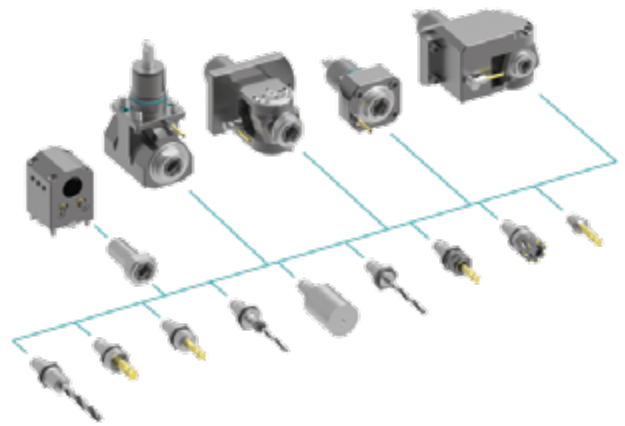
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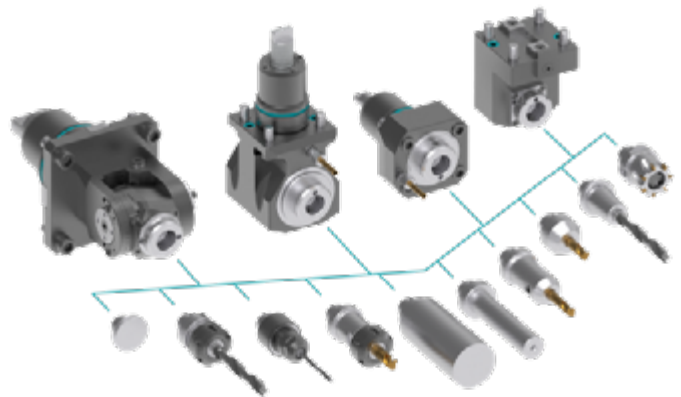
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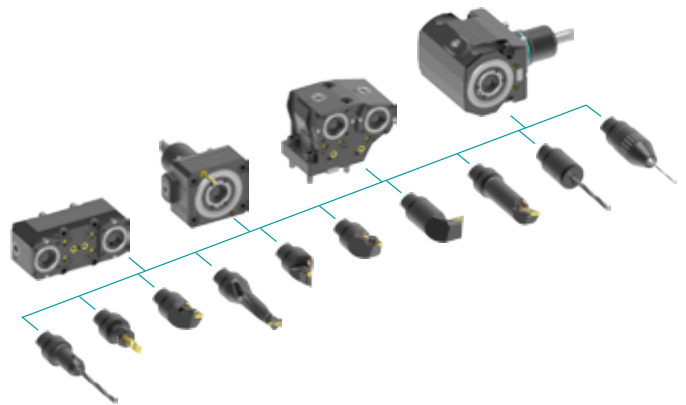
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