

Nakamura

**WT- 20-II M/MY**



# 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




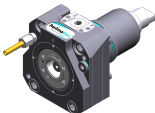
Tool systems for gear production

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
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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

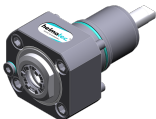
**Axial drilling and milling head Weldon 3/4"**



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
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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

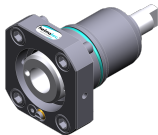
**Axial drilling and milling head ER 25 AX UT IC**



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

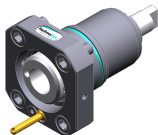
**Axial drilling and milling head HT 4 IC**




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
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8 010 56 066



**Axial drilling and milling head HT 4 IC**

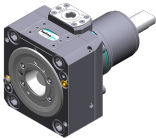
Weight [kg]: 2.930  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: HT 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: Combi bearing

8 010 56 069

**Axial drilling and milling head Weldon 20**

Weight [kg]: 3.200  
 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]: 6000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: Combi bearing

8 010 56 110



**Axial drilling and milling head C 4**


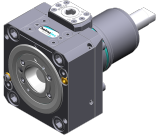


Weight [kg]: 4.750  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: heimatec Capto(TM) C 4  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: same  
 Coolant: EXT  
 Please note: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

Part-#	Name	
<b>8 010 56 120</b>	<b>Axial drilling and milling head C 4 IC</b>	
	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]:	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

Part-#	Name	
<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
<b>8 010 56 153</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	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
<b>8 010 57 065</b>	<b>Axial drilling and milling head Weldon 25 IC</b>	
	Weight [kg]:	3.250
	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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	Combi bearing
<b>8 010 57 066</b>	<b>Axial drilling and milling head Weldon 25</b>	
	Weight [kg]:	3.230
	Version:	long; special
	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:	same
	Coolant:	EXT
	Please note:	Combi bearing



Part-#	Name	
<b>8 011 54 006</b>	<b>Axial milling head universal arbor 3/4"</b>	
	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
<b>8 011 54 015</b>	<b>Axial milling head arbor 5/8"</b>	
	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
<b>8 011 55 014</b>	<b>Axial milling head universal arbor 22 IC</b>	
	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
<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

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

Part-#	Name	
<b>8 019 53 004</b>	<b>Axial drilling and milling head ER 11 AX IC</b>	
	Weight [kg]:	9.380
	Notation:	180° reversible
	Version:	Special
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:3
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	90
	Offset [mm]:	134
<b>8 019 54 000</b>	<b>Axial drilling and milling head ER 20</b>	
	Notation:	offset
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:3
	Torque max [Nm]:	10
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	180° reversible
	Offset [mm]:	42
<b>8 019 54 021</b>	<b>Axial drilling and milling head ER 20 AX UT</b>	
	Weight [kg]:	5.420
	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]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	75
<b>8 019 54 028</b>	<b>Axial drilling and milling head ER 20 AX UT IC</b>	
	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]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140

Part-#	Name	
	Please note:	stronger bearing
	Offset [mm]:	75
<b>8 019 54 029</b>	<b>Axial milling head universal arbor 16</b>	
	Notation:	offset, 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
	Offset [mm]:	42
<b>8 019 54 031</b>	<b>Axial drilling and milling head ER 20 AX UT</b>	
	Weight [kg]:	5.230
	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]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	18000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	42
<b>8 019 55 087</b>	<b>Axial milling head universal arbor 22</b>	
	Weight [kg]:	5.480
	Notation:	offset, 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Offset [mm]:	42
<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



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

Part-#	Name
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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 54 048

**Radial drilling and milling head ER 16 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 16 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]: 77

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**

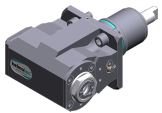
Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:4  
 Torque max [Nm]: 5  
 Rotation max [1/min]: 24000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 65

Part-#

Name

**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  
 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

Part-#	Name
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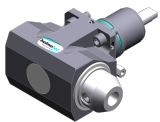
Center distance [mm]: 55

**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**

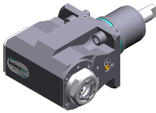
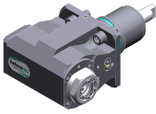



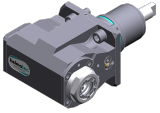
**Angle-mill- and drill holder ER 25 AX UT IC**  
 Weight [kg]: 6.680  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: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



**8 030 55 092**

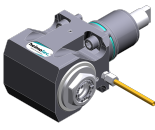
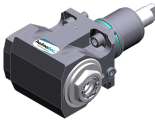
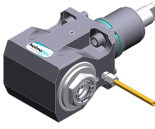



**Angle-mill- and drill holder ER 25 AX UT**  
 Weight [kg]: 6.320  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50

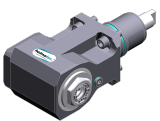
Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	65
<b>8 030 55 122</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.380
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [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 55 123</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	6.550
	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:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	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

Part-#	Name
<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 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

Part-#	Name	
	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
<b>8 030 55 206</b>	<b>Radial drilling and milling head 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]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	strong bearing with hybrid-bearing
	Center distance [mm]:	77
<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

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing; Einsetzbareit 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
	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

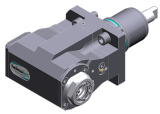
Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
<b>8 030 55 244</b>	<b>Angle-mill- and drill holder ER 25 AS UT</b>	
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 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
<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



Part-#	Name
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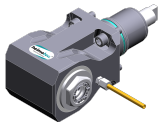
Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Check applicability; note tool length!  
 Center distance [mm]: 100

**8 030 55 251 Radial drilling and milling head ER 25 AX UT IC**



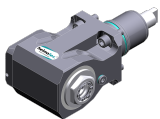
Weight [kg]: 7.520  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 16000  
 Rotating direction: same  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing; check applicability;  
 Center distance [mm]: 100

**8 030 55 262 Radial drilling and milling head ER 25 AX UT**

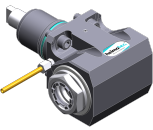
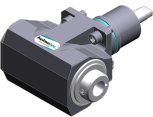


Weight [kg]: 7.500  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Check applicability!  
 Center distance [mm]: 95

**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

Part-#	Name	
<b>8 030 56 013</b>	<b>Radial drilling and milling head HT 4</b>	
	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
<b>8 030 56 059</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	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
<b>8 030 56 070</b>	<b>Radial drilling and milling head ER 32 AX UT</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:	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

Part-#	Name
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Center distance [mm]: 65

**8 030 56 090**



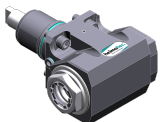
**Radial drilling and milling head ER 32 AX UT IC**  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Combi bearing  
 Center distance [mm]: 65

**8 030 56 095**



**Angle-mill- and drill holder ER 32 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 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65

**8 030 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 56 121**

**Radial drilling and milling head HT 4 IC**  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: HT 4  
 Gear ratio [i]: 1:3  
 Torque max [Nm]: 12  
 Rotation max [1/min]: 18000  
 Rotating direction: same

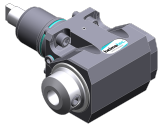
Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	77
<b>8 030 56 124</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.300
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	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]:	77
<b>8 030 56 125</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	6.520
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	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
<b>8 030 56 126</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	6.340
	Notation:	180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	77



Part-#	Name
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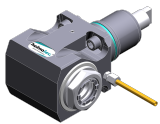
Center distance [mm]: 65

**8 030 56 216**



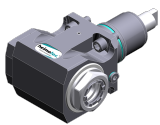
**Radial drilling and milling head Weldon 20 IC**  
 Weight [kg]: 7.040  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Weldon (DIN 1835 b) 20  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing; high pressure version  
 Center distance [mm]: 65

**8 030 56 235**



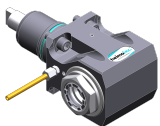
**Radial drilling and milling head ER 32 AX UT**  
 Weight [kg]: 6.050  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 65

**8 030 56 236**



**Radial drilling and milling head ER 32 AX UT IC**  
 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  
 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

Part-#	Name
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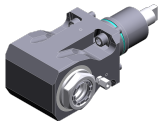
Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: EXT  
 Center distance [mm]: 75

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



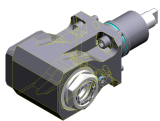
Weight [kg]: 7.200  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 32 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 12000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max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

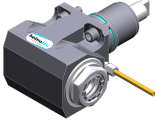
**8 030 56 240 Radial drilling and milling head ER 32 AX UT IC**




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

Part-#	Name
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<b>8 030 56 249</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]:	12000
Rotating direction:	opposite
Coolant:	IC/Ext
Pressure max [bar]:	140
Center distance [mm]:	65

<b>8 030 56 271</b>	<b>Radial drilling and milling head ER 32 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 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

<b>8 030 56 275</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>
	
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
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

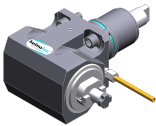
Part-#	Name
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Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: Combi bearing  
 Center distance [mm]: 65

**8 030 57 120 Radial drilling and milling head ER 40 AX UT**

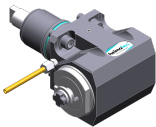
Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 40 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Center distance [mm]: 65

**8 031 54 014 Radial milling head universal arbor 16**



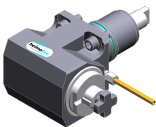
Weight [kg]: 6.500  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Universal arbor 16  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65

**8 031 54 015 Radial polygon head arbor 16**

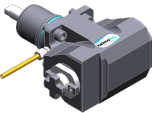


Weight [kg]: 6.650  
 Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Polygon arbor 16  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Combi bearing  
 Center distance [mm]: 65


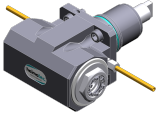
**8 031 56 010 Radial polygon head arbor 27**

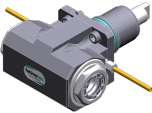



Notation: 180° reversible  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: Polygon arbor 27  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50

Part-#	Name	
	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
<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
<b>8 033 56 018</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	8.200
	Notation:	offset; 180° reversible
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1

Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	75
<b>8 033 56 019</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	8.700
	Notation:	offset; 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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
<b>8 033 56 020</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	8.670
	Notation:	offset; 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:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	Combi bearing
	Center distance [mm]:	75
<b>8 034 56 001</b>	<b>Radial milling head universal arbor 27</b>	
	Weight [kg]:	6.800
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1,394:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
<b>8 037 52 000</b>	<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
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 039 54 035</b>	<b>Radial drilling and milling head ER 16 AX UT IC</b>	
	Weight [kg]:	4.980
	Notation:	180° reversible; 35° angle
	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]:	40
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
<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
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	65

Part-#	Name	
<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
<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

Part-#	Name	
	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
<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

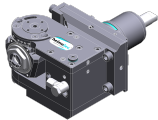
Part-#	Name	
<b>8 040 54 007</b>	<b>Universal head ± 90° adjustable ER 16</b>	
	Weight [kg]:	3.180
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	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
<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

Part-#

Name

**8 040 54 033****Universal head ± 90° adjustable ER 16 AS UT IC**

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

**8 043 54 000****Universal head +135°/-30° adj. ER16 AX UT**

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


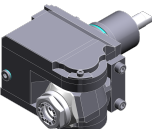
**8 043 54 001****Universal head +135°/-30° adj. ER16AX UTIK**


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

**8 043 54 002****Universal head +135°/-30° adj. ER16 AX UT**

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

Part-#	Name	
	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
	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

Part-#	Name	
<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
<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

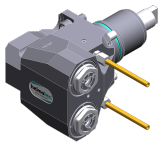
Part-#	Name	
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	69
	Offset [mm]:	60
<b>8 050 54 005</b>	<b>Multispindle drilling head ER 16 AX UT</b>	
	Weight [kg]:	6.100
	Notation:	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
	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

Part-#	Name	
<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
<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

Part-#	Name
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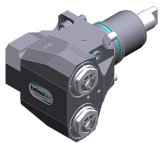
Torque max [Nm]: 16/Sp.  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: stronger bearing  
 Offset [mm]: +38,1/-38,1

**8 053 54 045 Multispindle radial head ER 16 AX UT**



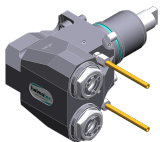
Weight [kg]: 6.850  
 Notation: 180° reversible  
 Version: 2-spindles  
 Tool drive: Flat (~DIN 1809)  
 Shank size [mm]: 55.00  
 Shank type: BMT  
 Tool adaption: ER 16 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 32/Sp  
 Rotation max [1/min]: 12000  
 Rotating direction: same  
 Coolant: 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

Part-#	Name	
8 053 54 048	<b>Multispindle radial head ER 20 AX UTIK</b>	
		<p>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</p>
8 068 54 000	<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>
8 100 15 001	<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>
8 102 15 000	<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>

Part-#	Name	
<b>8 200 03 002</b>	<b>Cover plate</b>	
	Weight [kg]:	0.300
	Shank type:	BMT
<b>8 200 10 002</b>	<b>Tool blank</b>	
	Weight [kg]:	4.190
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Please note:	Housing rigid
<b>8 202 10 006</b>	<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
<b>8 208 59 003</b>	<b>Test mandrel BMT 55</b>	
	Weight [kg]:	3.080
	Shank size [mm]:	55.00
	Shank type:	BMT
<b>8 209 10 000</b>	<b>Tool blank</b>	
	Weight [kg]:	4.580
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Coolant:	EXT
<b>8 209 11 000</b>	<b>Adapter for VDI 20</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 20
	Coolant:	EXT
	Center distance [mm]:	55
<b>8 209 12 000</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	2.750
	Employment for:	Outside operation
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	35

Part-#	Name	
<b>8 209 12 001</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	3.140
	Employment for:	Inside operation
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	65
<b>8 209 14 002</b>	<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
<b>8 209 14 003</b>	<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
<b>8 209 19 000</b>	<b>Adapter 45 ° for Ecoroll WKT EG5-1-SL00</b>	
	Weight [kg]:	2.590
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Coolant:	EXT
<b>8 209 58 000</b>	<b>Adapter for sensor m&amp;h RWP 38.41</b>	
	Notation:	180° reversible
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Ø 32
	Coolant:	no
<b>8 209 58 001</b>	<b>Adapter for sensor m&amp;h IRP 40.01</b>	
	Weight [kg]:	1.340
	Notation:	180° reversible
	Shank size [mm]:	55.00
	Shank type:	BMT
	Tool adaption:	Ø 32
	Coolant:	no
<b>8 209 58 002</b>	<b>Adapter for sensor m&amp;h IRP 40.02</b>	
	Weight [kg]:	1.520
	Notation:	180° reversible
	Shank size [mm]:	55.00
	Shank type:	BMT
	Coolant:	no

Part-#	Name	
<b>8 209 58 003</b>	<b>Adapter for sensor Renishaw RLP</b>	
	Weight [kg]:	1.700
	Notation:	180° reversible
	Shank size [mm]:	55.00
	Shank type:	BMT
	Coolant:	no
<b>8 224 11 002</b>	<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
<b>8 224 11 003</b>	<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
<b>8 224 11 005</b>	<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
<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

Part-#	Name	
<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
<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

Part-#	Name	
<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
<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

Part-#	Name	
<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
<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


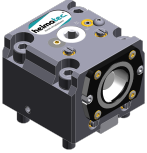
Part-#	Name	
<b>8 229 16 008</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	3.430
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	55
<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
<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




Part-#	Name	
<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 15 002</b>	<b>Tool holder ABS 50 IC/Ext</b>	
	Weight [kg]:	3.560
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ABS 50
	Coolant:	IC/Ext
	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
<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 15 005</b>	<b>Tool holder C 3 offset</b>	
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC/Ext
	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

Part-#	Name	
<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
<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

Part-#	Name	
<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
<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


Part-#	Name	
<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
<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

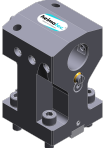
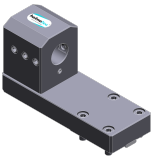
Part-#	Name	
<b>8 240 16 072</b>	<b>Tool holder C 4 IC</b>	
	Weight [kg]:	4.000
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	heimatec Capto(TM) C 4
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	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
<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

Part-#	Name	
8 240 17 011	<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
8 240 17 012	<b>Boring bar holder Ø 25</b>	
	Weight [kg]:	5.920
	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]:	117,5
8 240 17 016	<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
8 240 17 021	<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
8 240 17 023	<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
8 240 17 031	<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


Part-#	Name	
<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
<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

Part-#	Name	
<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
<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

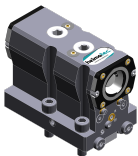
Part-#	Name	
8 240 18 010	<b>Boring bar holder Ø 32</b>	
		<p>Weight [kg]: 3.640            Notation: 180° reversible            Shank type: BMT            Machine adaption: Centering key b 20            Tool adaption: Ø 32            Coolant: IC/Ext            Pressure max [bar]: 140            Please note: Housing rigid            Center distance [mm]: 75</p>
8 240 18 011	<b>Boring bar holder Ø 32</b>	<p>Weight [kg]: 2.680            Shank type: BMT            Machine adaption: Centering key b 20            Tool adaption: Ø 32            Coolant: IC/Ext            Center distance [mm]: 55</p>
8 240 18 012	<b>Boring bar holder Ø 32 offset</b>	<p>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</p>
8 240 18 016	<b>Boring bar holder Ø 32</b>	<p>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</p>
8 240 18 021	<b>Insert drill holder 32 IC</b>	<p>Weight [kg]: 4.200            Notation: 180° reversible            Shank type: BMT            Tool adaption: Whistle-Notch (DIN 1835 E) 32            Coolant: IC            Center distance [mm]: 75</p>
8 240 18 033	<b>Boring bar holder Ø 1 1/4"</b>	<p>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</p>



Part-#	Name	
<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
<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

Part-#	Name	
	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
<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

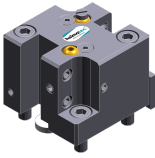

Part-#	Name	
<b>8 240 19 143</b>	<b>Boring bar holder Ø 40 offset</b>	
	Weight [kg]:	4.000
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Front edge Ø40- adapter 20mm from turret center offset
	Center distance [mm]:	75
<b>8 244 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
<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 14 000</b>	<b>Holder with square seat 12 mm</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 12
	Coolant:	EXT
	Please note:	Special
	Center distance [mm]:	55

Part-#	Name	
<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
<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




Part-#	Name	
<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 17 001</b>	<b>Double collet chuck holder ER 40</b>	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	ER 40
	Coolant:	IC/Ext
	Center distance [mm]:	75
<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>8 249 18 003</b>	<b>Adapter for sensor m&amp;h IRP 40.01</b>	
	Weight [kg]:	5.230
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	no
	Center distance [mm]:	112


Part-#	Name	
<b>8 249 18 008</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	3.800
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Housing rigid
	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 heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	±55
<b>8 250 16 003</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	4.490
	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!
	Offset [mm]:	±55
<b>8 250 16 005</b>	<b>Multiple tool holder C 4 IC</b>	
	Weight [kg]:	4.620
	Employment for:	Main- and sub spindle
	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>8 250 16 007</b>	<b>Double tool holder C 4 IC</b>	
	Weight [kg]:	4.630
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	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


Part-#	Name	
<b>8 251 11 000</b>	<b>Double turning holder sq. 20</b>	
	Weight [kg]:	2.250
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 251 11 003</b>	<b>Double turning holder sq. 20</b>	
	Weight [kg]:	2.420
	Notation:	180° reversible
	Employment for:	right cutting tools
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
<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 14 033</b>	<b>Combi multiple holder 3x sq. 20</b>	
	Weight [kg]:	3.740
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
<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


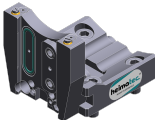
Part-#	Name	
<b>8 253 15 014</b>	<b>Double boring bar holder Ø 16</b>	
	Weight [kg]:	5.500
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 16
		Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 253 16 016</b>	<b>Double boring bar holder Ø 20</b>	
	Weight [kg]:	5.360
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 20
		Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 253 17 004</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	2.840
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	43/88
<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 17 012</b>	<b>Multiple boring bar holder 2x Ø 25</b>	
	Weight [kg]:	3.980
	Notation:	offset
	Shank type:	BMT
	Tool adaption:	Ø 25
		Ø 25 - 30°
	Coolant:	IC/Ext
	Center distance [mm]:	75
<b>8 253 17 048</b>	<b>Multiple boring bar holder 2x Ø 25</b>	
	Weight [kg]:	5.930
	Employment for:	Main spindle
	Version:	long; special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 25
		Ø 25 - 15°
	Coolant:	IC/Ext

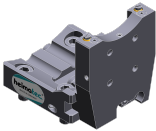

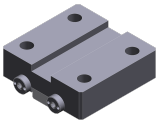
Part-#	Name	
	Center distance [mm]:	75
<b>8 253 17 051</b>	<b>Multiple boring bar holder Ø 1"</b>	
	Weight [kg]:	3.060
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 1" (25,4mm) Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 253 17 090</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	2.970
	Notation:	180° reversible
	Version:	offset
	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 18 000</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	4.640
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 253 18 017</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	4.730
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 32 Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	56/99
<b>8 254 14 002</b>	<b>Multiple facing holder 3x sq. 20</b>	
	Weight [kg]:	5.860
	Employment for:	Main spindle
	Version:	long; special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20 Sq. 20
	Coolant:	EXT
	Center distance [mm]:	70

Part-#	Name	
<b>8 259 12 003</b>	<b>Combi multiple holder 4x sq. 20</b>	
	Weight [kg]:	5.420
	Notation:	Y-axes offset; 180° reversible
	Employment for:	Main- and sub spindle
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
<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 15 001</b>	<b>Multiple holder C 3 and sq. 20</b>	
	Weight [kg]:	3.960
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		heimatec Capto(TM) C 3
	Coolant:	IC/Ext
	Center distance [mm]:	55
<b>8 259 19 002</b>	<b>Multiple holder ER 25 and sq. 20</b>	
	Weight [kg]:	3.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Sq. 20
		ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	55
<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

Part-#	Name	
<b>8 261 18 004</b>	<b>Tool holder for centering insert</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 34
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	55
<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 18 000</b>	<b>Cutter holder with rotating spring-loaded centering point</b>	
	Weight [kg]:	4.810
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	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>8 263 19 003</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	6.000
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	100
<b>8 263 19 007</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.375
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT

Part-#	Name	
	Please note:	Taper roller bearings
	Center distance [mm]:	75
<b>8 263 19 008</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	6.140
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	100
<b>8 263 19 012</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.340
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
<b>8 263 19 013</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.290
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
<b>8 263 19 014</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.090
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
<b>8 263 19 021</b>	<b>Tool holder with rotating centering point</b>	
	Notation:	180° reversible
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75

Part-#	Name	
<b>8 263 19 025</b>	<b>Tool holder with rotating centering point</b>	
	Weight [kg]:	4.370
	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>8 268 14 000</b>	<b>Support Y-axes adjustable</b>	
	Weight [kg]:	3.180
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Center distance [mm]:	90
<b>8 268 18 000</b>	<b>Support Y-axes adjustable</b>	
	Version:	Special
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Ø 38
	Coolant:	no
	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

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
<b>8 782 16 001</b>	<b>Spacer plate 20mm</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Centering key slot b 20
	Coolant:	EXT
	Please note:	Plate without fastening screws !
<b>8 782 16 003</b>	<b>Spacer plate 25mm</b>	
	Shank type:	BMT
	Machine adaption:	Centering key b 20
	Tool adaption:	Centering key slot b 20
	Coolant:	EXT
	Please note:	Plate without fastening screws !

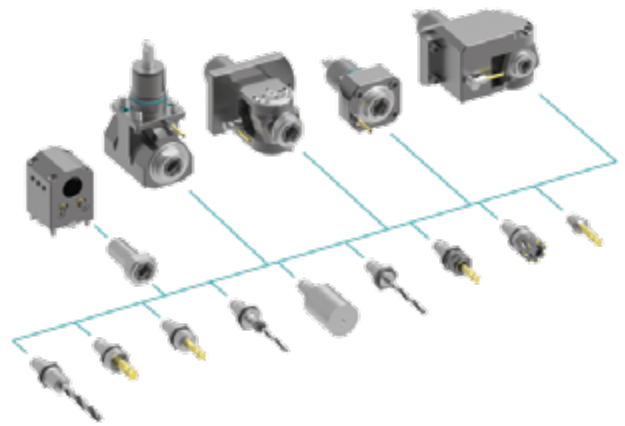
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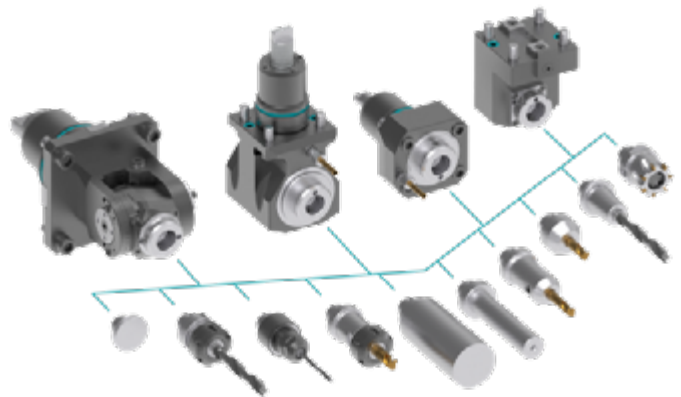
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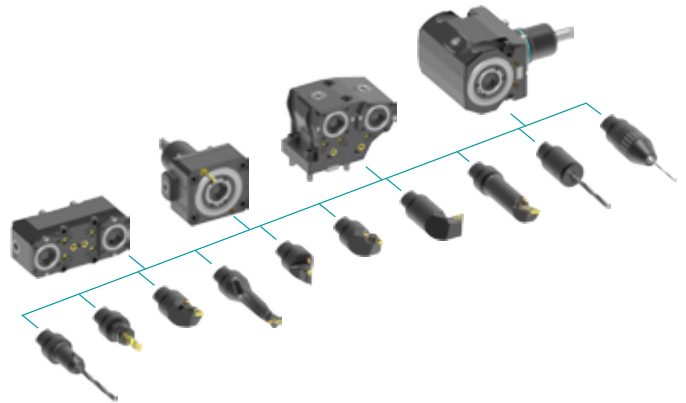
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