

Hardinge  
**GS 250 MSY**



# 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 45 053</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	3.420
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 84
<b>8 010 45 094</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	3.440
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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
<b>8 010 45 156</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	3.410
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 010 46 152</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	3.270
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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

Part-#	Name	
<b>8 010 46 165</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.440
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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
<b>8 010 46 235</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Dryrun possible
<b>8 010 46 304</b>	<b>Axial drilling and milling head C 4</b>	
	Weight [kg]:	4.330
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
<b>8 010 47 034</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.300
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 84

Part-#	Name	
<b>8 010 47 086</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.330
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
<b>8 010 48 001</b>	<b>Axial drilling and milling head HT 6 IC</b>	
	Weight [kg]:	4.220
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	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:	round housing ø 84
<b>8 013 44 005</b>	<b>Axial drilling and milling head ER 16 AX UT</b>	
	Weight [kg]:	2.940
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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>8 030 46 113</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	7.500
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with fixation pin
	Center distance [mm]:	120

Part-#	Name	
<b>8 030 46 120</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	7.990
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	120
<b>8 030 46 141</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	7.480
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with fixation pin
	Center distance [mm]:	120
<b>8 030 46 317</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.280
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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
	Center distance [mm]:	120
<b>8 030 47 029</b>	<b>Radial drilling and milling head HT 5</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	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]:	120

Part-#	Name
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**8 030 47 059**



**Radial drilling and milling head HT 5 IC**  
 Weight [kg]: 8.030  
 Version: left  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 Tool adaption: HT 5  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 4000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Center distance [mm]: 120

**8 030 47 153**

**Radial drilling and milling head HT 5 IC**  
 Weight [kg]: 8.610  
 Version: right  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 Tool adaption: HT 5  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 50  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Center distance [mm]: 120

**8 030 48 004**

**Radial drilling and milling head HT 6 IC**  
 Version: left  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 Tool adaption: HT 6  
 Gear ratio [i]: 2:1  
 Torque max [Nm]: 63  
 Rotation max [1/min]: 4000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 25  
 Please note: stronger bearing  
 Center distance [mm]: 120

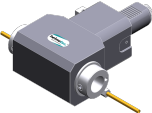
**8 030 48 005**

**Radial drilling and milling head HT 6 IC**  
 Version: left  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 Tool adaption: HT 6  
 Gear ratio [i]: 1:2  
 Torque max [Nm]: 16  
 Rotation max [1/min]: 8000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Please note: stronger bearing

Part-#	Name	
	Center distance [mm]:	120
<b>8 030 48 012</b>	<b>Radial drilling and milling head HT 6</b>	
	Weight [kg]:	8.220
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 030 48 017</b>	<b>Radial drilling and milling head HT 6 IC</b>	
	Version:	Special; left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 033 47 023</b>	<b>Radial drilling and milling head HT 5</b>	
	Weight [kg]:	8.960
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 033 47 030</b>	<b>Radial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	9.540
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000

Part-#	Name	
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	120
<b>8 033 48 004</b>	<b>Radial drilling and milling head HT 6 IC</b>	
	Weight [kg]:	10.290
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	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:	stronger bearing
	Center distance [mm]:	120
<b>8 033 48 005</b>	<b>Radial drilling and milling head HT 6</b>	
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 036 45 008</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	7.480
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 036 46 011</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	7.870
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	120
<b>8 036 46 014</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.270
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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
	Center distance [mm]:	120
<b>8 039 45 031</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	8.770
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 039 46 016</b>	<b>Radial drilling and milling head ER 32</b>	
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 039 46 056</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1

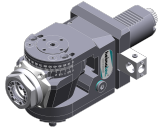
Part-#	Name	
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 039 46 058</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	8.640
	Version:	double spindle; doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 039 47 004</b>	<b>Radial drilling and milling head HT 5</b>	
	Weight [kg]:	9.120
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120
<b>8 040 44 066</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	87
<b>8 040 44 067</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.890
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec

Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	87
<b>8 040 44 070</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	87
<b>8 040 44 074</b>	<b>Universal head ± 90° adjustable ER 16 AX UT</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	87
<b>8 040 44 078</b>	<b>Universal head ± 90° adjustable ER 16 AX UT IC</b>	
	Weight [kg]:	4.980
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	87
<b>8 040 45 067</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>	
	Weight [kg]:	6.250
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

Part-#	Name
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Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: EXT  
 Please note: Note swivel range! strong bearing  
 Center distance [mm]: 120

**8 040 45 073 Universal head ± 90° adjustable ER 25 AX UT IC**



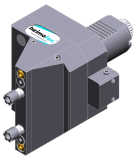
Version: left  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 Tool adaption: ER 25 A - u-tec  
 Gear ratio [i]: 1:1  
 Torque max [Nm]: 25  
 Rotation max [1/min]: 6000  
 Rotating direction: opposite  
 Coolant: IC/Ext  
 Pressure max [bar]: 140  
 Please note: stronger bearing  
 Center distance [mm]: 87

**8 040 45 093 Universal head ± 90° adjustable ER 25 AX UT**

Weight [kg]: 5.160  
 Version: right  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 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]: 87

**8 040 45 095 Universal head ± 90° adjustable ER 25 AX UT IC**

Weight [kg]: 5.160  
 Version: right  
 Tool drive: DIN 5480  
 Shank size [mm]: 40.00  
 Shank type: VDI  
 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: stronger bearing  
 Center distance [mm]: 87

Part-#	Name	
<b>8 040 45 103</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	5.170
	Version:	left; at 65° position can be pinned
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	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:	stronger bearing
	Center distance [mm]:	87
<b>8 040 45 139</b>	<b>Universal head ± 90° adjustable ER 25</b>	
	Weight [kg]:	5.230
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	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]:	87
<b>8 050 42 004</b>	<b>Multispindle drilling head ER 8</b>	
	Weight [kg]:	4.780
	Notation:	offset
	Version:	2-spindles
	Tool drive:	DIN 5480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	5/Sp.
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Check applicability!
	Offset [mm]:	26,076
<b>8 209 44 006</b>	<b>Adapter for VDI 40</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	120

Part-#	Name	
<b>8 209 44 007</b>	<b>Adapter for VDI 40</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 209 44 013</b>	<b>Adapter for VDI 40</b>	
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 209 44 014</b>	<b>Adapter for VDI 40</b>	
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 40
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 214 43 000</b>	<b>Tool holder C1-40x25</b>	
	Employment for:	VDI 40
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 214 43 008</b>	<b>Tool holder C1-40x25 special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 000</b>	<b>Tool holder C2-40x25</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 215 43 003</b>	<b>Tool holder C2-40x25 special</b>	
	Weight [kg]:	4.480
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT

Part-#	Name	
<b>8 230 46 004</b>	<b>Boring bar holder Ø 20</b>	
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 230 47 017</b>	<b>Boring bar holder Ø 25</b>	
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 230 48 013</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	7.860
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 230 49 016</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	7.600
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 230 49 026</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	7.300
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 230 49 038</b>	<b>Boring bar holder Ø 40</b>	
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120

Part-#	Name	
<b>8 230 49 041</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	6.490
	Version:	right; special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	120
<b>8 231 48 008</b>	<b>Boring bar holder Ø 32</b>	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	120
<b>8 231 49 024</b>	<b>Boring bar holder Ø 40</b>	
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	120
<b>8 234 43 000</b>	<b>Tool holder B1-40x25x44</b>	
	Employment for:	VDI 40
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 234 45 003</b>	<b>Combi facing holder sq. 25/20</b>	
	Weight [kg]:	6.160
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 234 45 004</b>	<b>Combi facing holder sq. 25/20</b>	
	Weight [kg]:	9.780
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT

Part-#	Name	
<b>8 235 43 000</b>	<b>Tool holder B2-40x25x44</b>	
	Employment for:	VDI 40
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 235 43 009</b>	<b>Tool holder B6-40x25x44 special</b>	
	Weight [kg]:	2.960
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 235 43 010</b>	<b>Tool holder B2-40x25x44 special</b>	
	Weight [kg]:	2.260
	Employment for:	VDI 40
	Version:	Special; left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
	Please note:	Insert for system "Jetstream" from Seco
<b>8 239 46 018</b>	<b>Double boring bar holder Ø 20</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 239 46 019</b>	<b>Double boring bar holder Ø 20</b>	
	Employment for:	Heavy duty cutting
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 239 47 009</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	9.290
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	120

Part-#	Name	
<b>8 239 47 010</b>	<b>Double boring bar holder Ø 25</b>	
	Employment for:	Heavy duty cutting
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 239 48 001</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	9.070
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 239 49 006</b>	<b>Double boring bar holder Ø 40</b>	
	Weight [kg]:	8.660
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 239 49 008</b>	<b>Double boring bar holder Ø 40</b>	
	Employment for:	Heavy duty cutting
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	120
<b>8 251 45 003</b>	<b>Combi double turning holder sq. 25/20</b>	
	Weight [kg]:	5.420
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 259 45 008</b>	<b>Multiple turning holder 2x sq. 25</b>	
	Weight [kg]:	7.590
	Employment for:	Main spindle
	Version:	Y-axes offset, left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25
		Sq. 25
	Coolant:	EXT
<b>8 262 49 005</b>	<b>Stock stop VDI 40 - Ø 60 OD turret</b>	
	Weight [kg]:	6.320
	Notation:	offset
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	without

Part-#	Name	
	Center distance [mm]:	120
<b>8 262 49 006</b>	<b>Stock stop VDI 40 - Ø 60 OD turret</b>	
	Weight [kg]:	6.320
	Notation:	offset
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	without
	Center distance [mm]:	120
<b>8 274 43 000</b>	<b>Square multiple holder D1-40x25</b>	
	Weight [kg]:	3.660
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 320 43 010</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.440
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 43 014</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal





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