

Victor  
**Vturn II 23 CV -**  
**DIN 5480**



# 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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## Vturn II 23 CV - DIN 5480

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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

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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

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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 45 085</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	6.560
	Version:	right
	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]:	100

Part-#	Name	
<b>8 030 45 223</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.520
	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]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 030 46 307</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	6.310
	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]:	100
<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>8 033 46 115</b>	<b>Radial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	7.630
	Notation:	offset
	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:	same
	Coolant:	EXT
	Center distance [mm]:	100

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Part-#	Name
<b>8 033 47 013</b>	<b>Radial drilling and milling head HT 5 IC</b>
	Weight [kg]: 8.480
	Notation: offset
	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: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 100
<b>8 033 48 003</b>	<b>Radial drilling and milling head HT 6 IC</b>
	Weight [kg]: 8.940
	Notation: offset
	Version: right
	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]: 100
<b>8 036 46 010</b>	<b>Radial drilling and milling head ER 32 AX UT</b>
	Weight [kg]: 6.490
	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]: 100
<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
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: opposite

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Part-#	Name
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 120
<b>8 036 46 012</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>
	Weight [kg]: 6.920
	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: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 100
<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
	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

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Part-#	Name
	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
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Please note: Note swivel range! strong bearing
	Center distance [mm]: 120
<b>8 040 45 073</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>
	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
<b>8 040 45 093</b>	<b>Universal head ± 90° adjustable ER 25 AX UT</b>
	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
<b>8 040 45 095</b>	<b>Universal head ± 90° adjustable ER 25 AX UT IC</b>
	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

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	87
<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>8 200 40 000</b>	<b>Plug Z2-40 K</b>	
	Weight [kg]:	0.140
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 200 40 001</b>	<b>Plug Z2-40 S</b>	
	Weight [kg]:	1.360
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 200 41 002</b>	<b>Tool holder A2-40x120</b>	
	Weight [kg]:	5.800
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 200 41 003</b>	<b>Tool holder A2-40x200</b>	
	Weight [kg]:	9.120
	Shank size [mm]:	40.00
	Shank type:	VDI

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Part-#	Name	
<b>8 200 41 004</b>	<b>Tool holder A2-40x320</b>	
	Weight [kg]:	14.360
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 200 44 000</b>	<b>Tool holder A1-40x100</b>	
	Weight [kg]:	11.940
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 202 43 000</b>	<b>Basic holder transversal set SZ 40</b>	
	Weight [kg]:	1.560
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT
<b>8 206 42 000</b>	<b>Adapter for VDI 30</b>	
	Weight [kg]:	3.530
	Version:	doubletoothed
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Please note:	Special
<b>8 208 49 001</b>	<b>Test mandrel VDI 40x40x200</b>	
	Weight [kg]:	3.020
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 208 49 003</b>	<b>Test mandrel VDI 40x40x300</b>	
	Weight [kg]:	4.020
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 210 41 000</b>	<b>Tool holder F 40-MK 1</b>	
	Weight [kg]:	1.600
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
<b>8 210 42 001</b>	<b>Tool holder F 40-MK 2</b>	
	Weight [kg]:	1.620
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
<b>8 210 43 000</b>	<b>Tool holder E2-40x 8</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext

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Part-#	Name	
<b>8 210 43 002</b>	<b>Tool holder F 40-MK 3</b>	
	Weight [kg]:	1.520
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
<b>8 210 43 003</b>	<b>Short drill chuck VDI 40x 8</b>	
	Weight [kg]:	1.700
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 43 004</b>	<b>Short drill chuck VDI 40x 8 - IC</b>	
	Weight [kg]:	1.730
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 44 001</b>	<b>Tool holder E2-40x10</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
<b>8 210 44 007</b>	<b>Tool holder F 40-MK 4</b>	
	Weight [kg]:	2.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
<b>8 210 44 008</b>	<b>Short drill chuck VDI 40x13</b>	
	Weight [kg]:	2.280
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 44 009</b>	<b>Tool holder E2-40x14</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext
<b>8 210 44 010</b>	<b>Tool holder E1-40x10</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
<b>8 210 44 011</b>	<b>Tool holder E1-40x12</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC

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Part-#	Name	
<b>8 210 44 014</b>	<b>Short drill chuck VDI 40x13 - IC</b>	
	Weight [kg]:	2.290
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 44 017</b>	<b>Tool holder E1-40x14</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC
<b>8 210 44 018</b>	<b>Tool holder E1-40x12,5 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12,5
	Coolant:	IC
	Please note:	Special version
<b>8 210 44 019</b>	<b>Tool holder E2-40x10 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 44 020</b>	<b>Tool holder E2-40x12 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 45 000</b>	<b>Tool holder E2-40x16</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
<b>8 210 45 002</b>	<b>Tool holder E4-40xER 25</b>	
	Weight [kg]:	1.570
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
<b>8 210 45 003</b>	<b>Tool holder E1-40x16</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC

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## Vturn II 23 CV - DIN 5480

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Part-#	Name	
<b>8 210 45 006</b>	<b>Short drill chuck VDI 40x16</b>	
	Weight [kg]:	2.460
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 45 007</b>	<b>Tool holder E3-40x C 16</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
<b>8 210 45 009</b>	<b>Short drill chuck VDI 40x16 - IC</b>	
	Weight [kg]:	2.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 45 012</b>	<b>Tool holder E2-40x16 - special</b>	
	Version:	with 180° rotated fixed clamping
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Please note:	Special version
<b>8 210 45 013</b>	<b>Tool holder E2-40x18</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC/Ext
<b>8 210 45 014</b>	<b>Tool holder E1-40x18</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC
<b>8 210 45 020</b>	<b>Tool holder ER 25 AX UT IC</b>	
	Weight [kg]:	1.860
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
<b>8 210 46 000</b>	<b>Tool holder E4-40xER 32</b>	
	Weight [kg]:	1.640
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC



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## Vturn II 23 CV - DIN 5480

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Part-#	Name	
<b>8 210 46 002</b>	<b>Tool holder E2-40x20</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
<b>8 210 46 004</b>	<b>Tool holder E1-40x20</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC
<b>8 210 46 008</b>	<b>Tool holder HT 4 IC</b>	
	Version:	right / left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	HT- insert 3x 90° demountable
<b>8 210 46 009</b>	<b>Tool holder E2-40x20 - special</b>	
	Version:	with 180° rotated fixed clamping
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Special version
<b>8 210 46 010</b>	<b>Tool holder E2-40x20 - special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	Shaft with hole, locked with screw
<b>8 210 47 001</b>	<b>Tool holder E2-40x25</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
<b>8 210 47 003</b>	<b>Tool holder E3-40x C 25</b>	
	Weight [kg]:	1.980
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
<b>8 210 47 004</b>	<b>Tool holder E4-40xER 40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC

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Part-#	Name	
<b>8 210 47 005</b>	<b>Tool holder E1-40x25</b>	
	Weight [kg]:	1.840
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 210 47 009</b>	<b>Tool holder E2-40x25 - special</b>	
	Version:	with 180° rotated fixed clamping
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	Special version
<b>8 210 47 010</b>	<b>Tool holder HT 5 IC</b>	
	Version:	right / left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
	Please note:	HT- insert 3x 90° demountable
<b>8 210 47 012</b>	<b>Tool holder HT 5 IC</b>	
	Weight [kg]:	1.880
	Version:	left
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Coolant:	IC/Ext
<b>8 210 48 001</b>	<b>Tool holder E2-40x32</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
<b>8 210 48 003</b>	<b>Tool holder E3-40x C 32</b>	
	Weight [kg]:	2.480
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 32
	Coolant:	IC
<b>8 210 48 004</b>	<b>Tool holder E1-40x32</b>	
	Weight [kg]:	1.830
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC

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Part-#	Name	
<b>8 210 48 008</b>	<b>Tool holder E2-40x32 - special</b>	
	Version:	with 180° rotated fixed clamping
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Special version
<b>8 210 48 009</b>	<b>Tool holder E2-40x32 - special</b>	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
<b>8 210 48 012</b>	<b>Tool holder E2-40x32 special</b>	
	Version:	Special
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	with end stop
<b>8 210 49 000</b>	<b>Tool holder E2-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
<b>8 210 49 002</b>	<b>Tool holder E1-40x40</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
<b>8 210 49 003</b>	<b>Tool holder E1-40x50</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC
<b>8 210 49 005</b>	<b>Tool holder E2-40x50</b>	
	Weight [kg]:	3.000
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
<b>8 210 49 008</b>	<b>Tool holder E2-40x40 - special</b>	
	Version:	with 180° rotated fixed clamping
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	Special version

Part-#	Name	
<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 43 001</b>	<b>Tool holder C3-40x25</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>8 219 47 004</b>	<b>Boring bar holder ø 25</b>	
	Weight [kg]:	2.820
	Version:	left; offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Offset [mm]:	25
<b>8 219 48 006</b>	<b>Boring bar holder ø 32</b>	
	Version:	left, offset
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Offset [mm]:	30
<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 43 001</b>	<b>Tool holder B3-40x25x44</b>	
	Employment for:	VDI 40
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT

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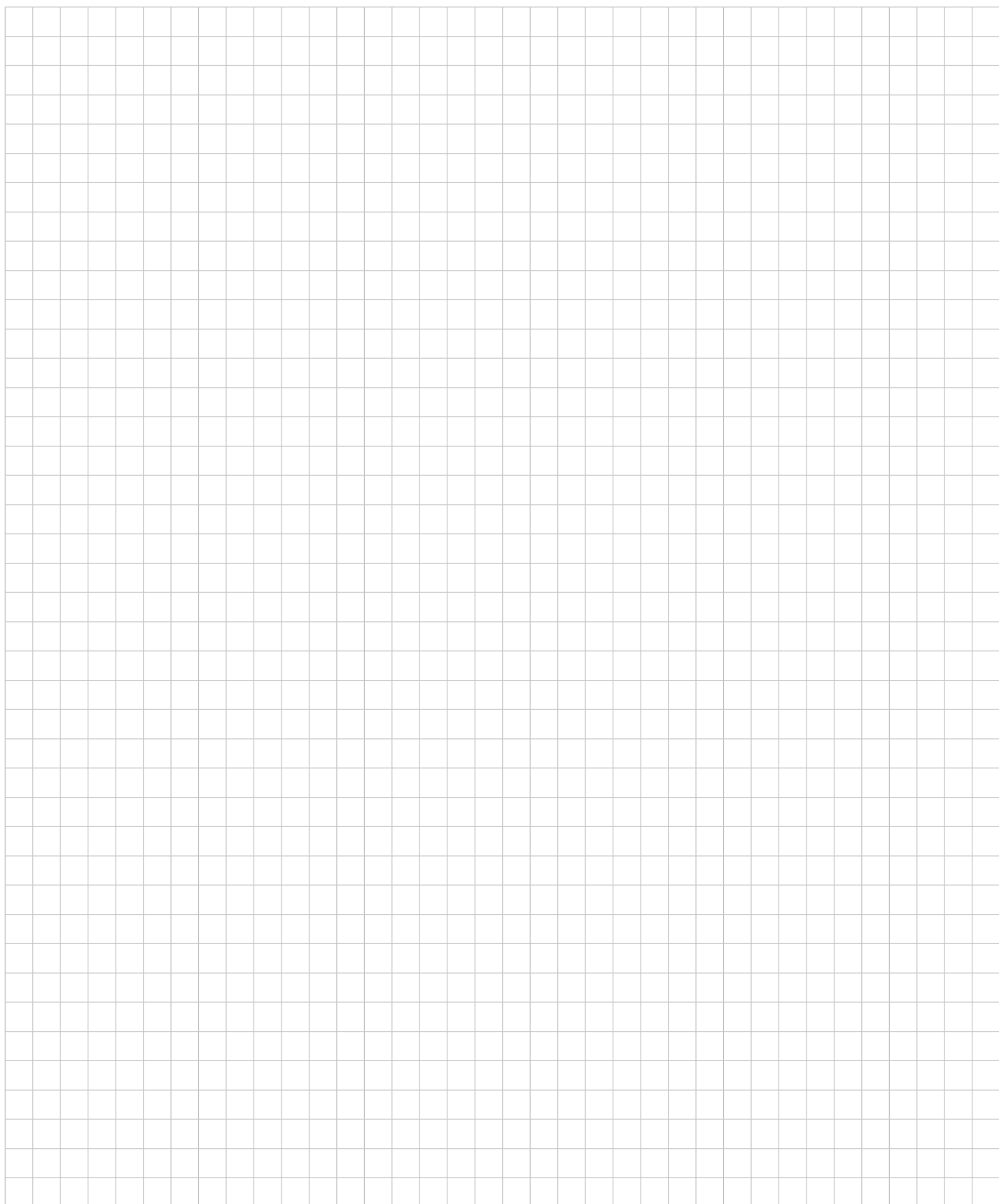
Part-#	Name	
<b>8 234 43 002</b>	<b>Tool holder B5-40x25x44</b>	
	Weight [kg]:	3.120
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 234 43 003</b>	<b>Tool holder B7-40x25x44</b>	
	Weight [kg]:	3.320
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 234 43 005</b>	<b>Tool holder B5-40x25x44 special</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT
<b>8 262 49 000</b>	<b>Stock stop VDI 40 - Ø 42</b>	
	Weight [kg]:	1.360
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 262 49 001</b>	<b>Stock stop VDI 40 - Ø 60</b>	
	Weight [kg]:	1.620
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 262 49 002</b>	<b>Stock stop VDI 40 - Ø 54</b>	
	Weight [kg]:	1.530
	Shank size [mm]:	40.00
	Shank type:	VDI
<b>8 267 49 001</b>	<b>Bar pick-up VDI 40 offset</b>	
	Weight [kg]:	2.100
	Version:	right
	Shank size [mm]:	40.00
	Shank type:	VDI
	Please note:	Chuck jaws 62-85 mm special accessories
<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>8 274 43 001</b>	<b>Tool holder D2-40x25</b>	
	Weight [kg]:	4.300
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Sq. 25/20
	Coolant:	EXT

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Part-#	Name	
<b>8 320 42 018</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 43 009</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	2.480
	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 47 000</b>	<b>Internal cutting tool height adjust. 25</b>	
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 320 49 005</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	2.700
	Version:	universal
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70





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