

DMG MORI  
**ecoTurn 650**



# 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 57 080</b>	<b>Axial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	5.120
	Tool drive:	DIN 5480
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
<b>8 010 57 087</b>	<b>Axial drilling and milling head ER 40 AX UT IC</b>	
	Weight [kg]:	5.240
	Tool drive:	DIN 5480
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
<b>8 030 56 037</b>	<b>Radial drilling and milling head ER 32</b>	
	Weight [kg]:	8.100
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 030 57 089</b>	<b>Radial drilling and milling head ER 40 AX UT</b>	
	Weight [kg]:	8.980
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 u-tec
	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

Part-#	Name
<b>8 030 57 090</b>	<b>Radial drilling and milling head ER 40 AX UT IC</b>
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 50.00
	Shank type: VDI
	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: IC/Ext
	Pressure max [bar]: 140
	Please note: stronger bearing
	Center distance [mm]: 120
<b>8 040 55 006</b>	<b>Universal head ± 90° adjustable ER 25 AX</b>
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 50.00
	Shank type: VDI
	Tool adaption: ER 25 A
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 4000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 123
<b>8 040 57 002</b>	<b>Universal head ± 90° adjustable ER 40</b>
	Weight [kg]: 14.890
	Version: right
	Tool drive: DIN 5480
	Shank size [mm]: 50.00
	Shank type: VDI
	Tool adaption: ER 40
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 4000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 123
<b>8 200 51 002</b>	<b>Tool holder A2-50x135</b>
	Weight [kg]: 9.200
	Shank size [mm]: 50.00
	Shank type: VDI
<b>8 200 51 003</b>	<b>Tool holder A2-50x220</b>
	Weight [kg]: 14.240
	Shank size [mm]: 50.00
	Shank type: VDI
<b>8 200 51 004</b>	<b>Tool holder A2-50x400</b>
	Weight [kg]: 24.700
	Shank size [mm]: 50.00
	Shank type: VDI

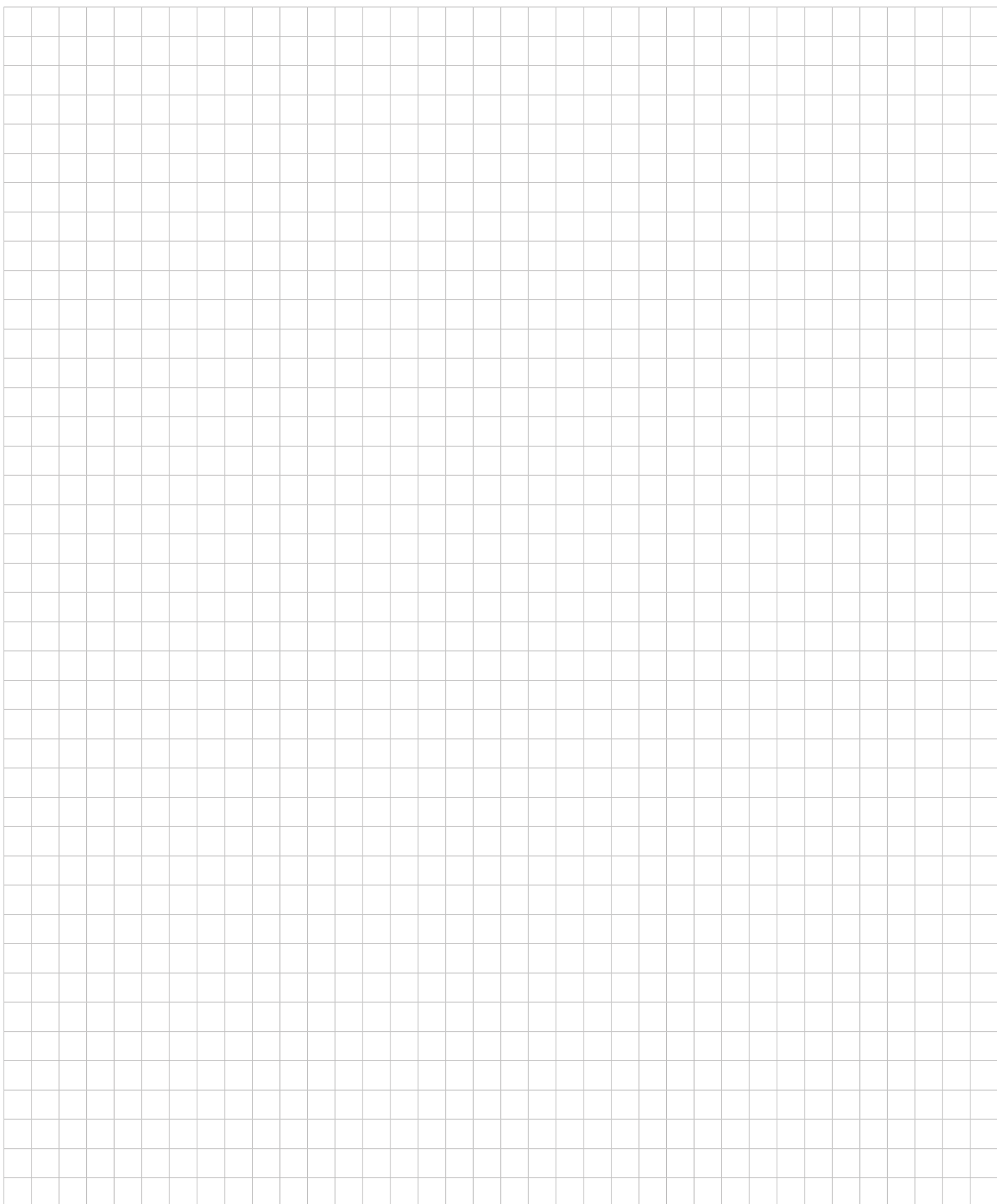
Part-#	Name	
<b>8 200 51 005</b>	<b>Plug Z2-50 S</b>	
	Weight [kg]:	2.260
	Shank size [mm]:	50.00
	Shank type:	VDI
<b>8 200 51 006</b>	<b>Plug Z2-50 K</b>	
	Weight [kg]:	0.200
	Shank size [mm]:	50.00
	Shank type:	VDI
<b>8 200 55 000</b>	<b>Tool holder A1-50x125</b>	
	Weight [kg]:	19.800
	Shank size [mm]:	50.00
	Shank type:	VDI
<b>8 208 59 002</b>	<b>Test mandrel VDI 50x40x200</b>	
	Weight [kg]:	3.860
	Shank size [mm]:	50.00
	Shank type:	VDI
<b>8 210 52 000</b>	<b>Tool holder F 50-MK 2</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
<b>8 210 53 000</b>	<b>Tool holder F 50-MK 3</b>	
	Weight [kg]:	2.700
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
<b>8 210 53 001</b>	<b>Tool holder E2-50x 8</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
<b>8 210 54 000</b>	<b>Tool holder E1-50x10</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
<b>8 210 54 001</b>	<b>Tool holder E1-50x12</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
<b>8 210 54 002</b>	<b>Tool holder E2-50x12</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext

Part-#	Name	
<b>8 210 54 003</b>	<b>Tool holder F 50-MK 4</b>	
	Weight [kg]:	2.760
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
<b>8 210 54 004</b>	<b>Short drill chuck VDI 50x13</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	EXT
<b>8 210 54 005</b>	<b>Short drill chuck VDI 50x13 - IC</b>	
	Weight [kg]:	2.920
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 54 006</b>	<b>Tool holder E2-50x10</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
<b>8 210 55 000</b>	<b>Tool holder E1-50x16</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
<b>8 210 55 001</b>	<b>Tool holder E2-50x16</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
<b>8 210 55 002</b>	<b>Tool holder F 50-MK 5</b>	
	Weight [kg]:	8.320
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 5
	Coolant:	IC
<b>8 210 55 004</b>	<b>Short drill chuck VDI 50x16 - IC</b>	
	Weight [kg]:	3.120
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
<b>8 210 56 000</b>	<b>Tool holder E1-50x20</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC

Part-#	Name	
<b>8 210 56 001</b>	<b>Tool holder E2-50x20</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
<b>8 210 57 000</b>	<b>Tool holder E2-50x25</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
<b>8 210 57 001</b>	<b>Tool holder E1-50x25</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
<b>8 210 57 002</b>	<b>Tool holder E3-50x C 25</b>	
	Weight [kg]:	3.180
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
<b>8 210 57 003</b>	<b>Tool holder E4-50xER 40</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
<b>8 210 58 000</b>	<b>Tool holder E1-50x32</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
<b>8 210 58 001</b>	<b>Tool holder E2-50x32</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
<b>8 210 58 002</b>	<b>Tool holder E3-50x C 32</b>	
	Weight [kg]:	3.620
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 32
	Coolant:	IC
<b>8 210 59 001</b>	<b>Tool holder E2-50x50</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext

Part-#	Name	
8 210 59 002	<b>Tool holder E1-50x40</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
8 210 59 003	<b>Tool holder E1-50x50</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC
8 210 59 004	<b>Tool holder E2-50x40</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
8 210 59 005	<b>Tool holder E1-50x44 - special</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 44
	Coolant:	IC
	Please note:	Special version
8 210 59 006	<b>Tool holder E1-50x63 - special</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 63
	Coolant:	IC
	Please note:	Special version
8 214 54 000	<b>Tool holder C1-50x32</b>	
	Weight [kg]:	5.660
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 214 54 001	<b>Tool holder C3-50x32</b>	
	Weight [kg]:	6.080
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 000	<b>Tool holder B1-50x32x55</b>	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT

Part-#	Name	
<b>8 234 54 001</b>	<b>Tool holder B3-50x32x55</b>	
	Weight [kg]:	4.420
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
<b>8 234 54 002</b>	<b>Tool holder B5-50x32x55</b>	
	Weight [kg]:	5.220
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
<b>8 234 54 003</b>	<b>Tool holder B7-50x32x55</b>	
	Weight [kg]:	5.640
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
<b>8 240 39 011</b>	<b>Boring bar holder Ø 50</b>	
	Weight [kg]:	4.180
	Shank type:	BMT
	Machine adaption:	Centering key slot b 32
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
	Center distance [mm]:	35
<b>8 240 39 013</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.800
	Shank type:	BMT
	Machine adaption:	Centering key slot b 32
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	35
<b>8 320 53 004</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70



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