TOOL CATALOGUE

heimatec®

Victor

Vturn 46 CV - VDI 50 DIN 5482

09/2026

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 subsiiary 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

This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

heimatec GmbH reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

The current version of our General Terms and Conditions can be found on our website.

09/2026

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 010 55 083	**Axial drilling and milling head ABS 50**	
	Weight [kg]:	5.310
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ABS 50
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 010 56 000	**Axial drilling and milling head Weldon 20 IC**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 56 001	**Axial drilling and milling head Weldon 20**	
	Tool drive:	DIN 5482
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
8 010 56 010	**Axial drilling and milling head Weldon 20**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 57 011	**Axial drilling and milling head ER 40**	
	Weight [kg]:	5.400
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT

© heimatec GmbH • Subject to technical changes.

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 010 57 028	**Axial drilling and milling head C 25 IC**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 57 075	**Axial drilling and milling head ER 40 AX UT IC**	
	Weight [kg]:	5.330
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 59 000	**Axial drilling and milling head SK 40**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 2079 - SK 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 011 56 007	**Axial milling head universal arbor 27**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings
8 019 56 004	**Axial drilling and milling head HT 4 IC**	
	Weight [kg]:	7.160
	Notation:	offset
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	4000

© heimatec GmbH • Subject to technical changes.

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Part-#	Name	
	Rotating direction:	same
	Coolant:	IC/Ext
	Offset [mm]:	65
8 019 57 034	**Axial drilling and milling head ER 40**	
	Weight [kg]:	7.810
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 58 001	**Axial drilling and milling head HT 6 IC**	
	Weight [kg]:	13.800
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	50
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	75
8 030 55 018	**Radial drilling and milling head ER 25**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
8 030 58 004	**Radial drilling and milling head HT 6**	
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	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:	EXT

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen
T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Part-#	Name	
	Please note:	stronger bearing
	Center distance [mm]:	69
8 030 58 013	**Radial drilling and milling head Weldon 32 IC**	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 32
	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]:	69
8 033 57 000	**Radial drilling and milling head ER 40**	
	Weight [kg]:	9.640
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1,625:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
8 033 58 012	**Radial drilling and milling head Weldon 32**	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 32
	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]:	110
8 040 57 009	**Universal head ± 90° adjustable HT 5**	
	Weight [kg]:	14.980
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	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
	Center distance [mm]:	123

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen
T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 050 57 000	**Multispindle drilling head HT 5**	
	Weight [kg]:	8.540
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1,4
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without quick change inserts
8 050 57 001	**Multispindle drilling head HT 5**	
	Weight [kg]:	8.640
	Tool drive:	DIN 5482
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1,2
	Torque max [Nm]:	32/Sp.
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without quick change inserts
8 200 51 002	**Tool holder A2-50x135**	
	Weight [kg]:	9.200
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 003	**Tool holder A2-50x220**	
	Weight [kg]:	14.240
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 004	**Tool holder A2-50x400**	
	Weight [kg]:	24.700
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 005	**Plug Z2-50 S**	
	Weight [kg]:	2.260
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 006	**Plug Z2-50 K**	
	Weight [kg]:	0.200
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 55 000	**Tool holder A1-50x125**	
	Weight [kg]:	19.800
	Shank size [mm]:	50.00
	Shank type:	VDI

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 208 59 002	**Test mandrel VDI 50x40x200**	
	Weight [kg]:	3.860
	Shank size [mm]:	50.00
	Shank type:	VDI
8 210 52 000	**Tool holder F 50-MK 2**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
8 210 53 000	**Tool holder F 50-MK 3**	
	Weight [kg]:	2.700
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
8 210 53 001	**Tool holder E2-50x 8**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 54 000	**Tool holder E1-50x10**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
8 210 54 001	**Tool holder E1-50x12**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
8 210 54 002	**Tool holder E2-50x12**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 54 003	**Tool holder F 50-MK 4**	
	Weight [kg]:	2.760
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
8 210 54 004	**Short drill chuck VDI 50x13**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	EXT

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 210 54 005	**Short drill chuck VDI 50x13 - IC**	
	Weight [kg]:	2.920
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
8 210 54 006	**Tool holder E2-50x10**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
8 210 55 000	**Tool holder E1-50x16**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
8 210 55 001	**Tool holder E2-50x16**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 55 002	**Tool holder F 50-MK 5**	
	Weight [kg]:	8.320
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 5
	Coolant:	IC
8 210 55 004	**Short drill chuck VDI 50x16 - IC**	
	Weight [kg]:	3.120
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
8 210 56 000	**Tool holder E1-50x20**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC
8 210 56 001	**Tool holder E2-50x20**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 210 57 000	**Tool holder E2-50x25**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 210 57 001	**Tool holder E1-50x25**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
8 210 57 002	**Tool holder E3-50x C 25**	
	Weight [kg]:	3.180
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
8 210 57 003	**Tool holder E4-50xER 40**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
8 210 58 000	**Tool holder E1-50x32**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
8 210 58 001	**Tool holder E2-50x32**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
8 210 58 002	**Tool holder E3-50x C 32**	
	Weight [kg]:	3.620
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 32
	Coolant:	IC
8 210 59 001	**Tool holder E2-50x50**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext
8 210 59 002	**Tool holder E1-50x40**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
8 210 59 003	**Tool holder E1-50x50**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC

© heimatec GmbH • Subject to technical changes.

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

09/2026

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 210 59 004	**Tool holder E2-50x40**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
8 210 59 005	**Tool holder E1-50x44 - special**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 44
	Coolant:	IC
	Please note:	Special version
8 210 59 006	**Tool holder E1-50x63 - special**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 63
	Coolant:	IC
	Please note:	Special version
8 214 54 000	**Tool holder C1-50x32**	
	Weight [kg]:	5.660
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 214 54 001	**Tool holder C3-50x32**	
	Weight [kg]:	6.080
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 000	**Tool holder B1-50x32x55**	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 001	**Tool holder B3-50x32x55**	
	Weight [kg]:	4.420
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 002	**Tool holder B5-50x32x55**	
	Weight [kg]:	5.220
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

Vturn 46 CV - VDI 50 DIN 5482

Part-#	Name	
8 234 54 003	**Tool holder B7-50x32x55**	
	Weight [kg]:	5.640
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 320 53 004	**Cut-off holder, height adjustable SH 32 IC**	
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

© heimatec GmbH • Subject to technical changes.
heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

© heimatec GmbH • Subject to technical changes.

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

heimatec®

© heimatec GmbH • Subject to technical changes.

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

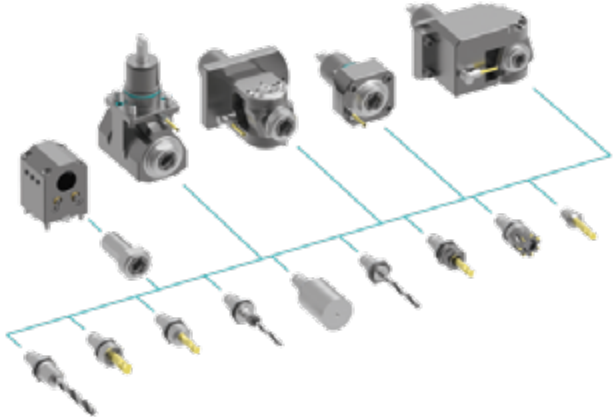
T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

09/2026

heimatec.u-tec®

heimatec.com
Products / Tool change systems /
u-tec® Tool-changing system

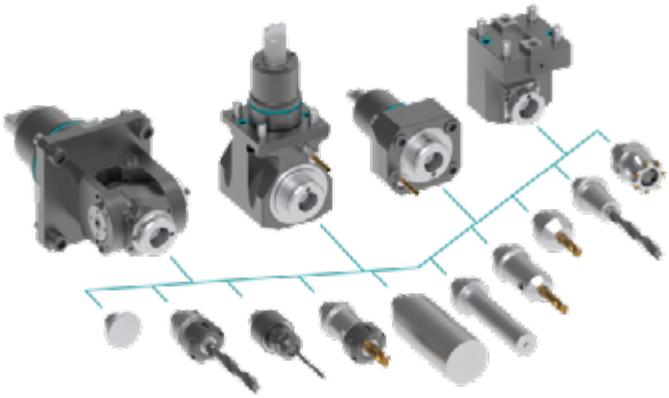
versions see catalog



heimatec.easy-quick

heimatec.com
Products / Tool change systems /
easy-quick HT quick-changing system

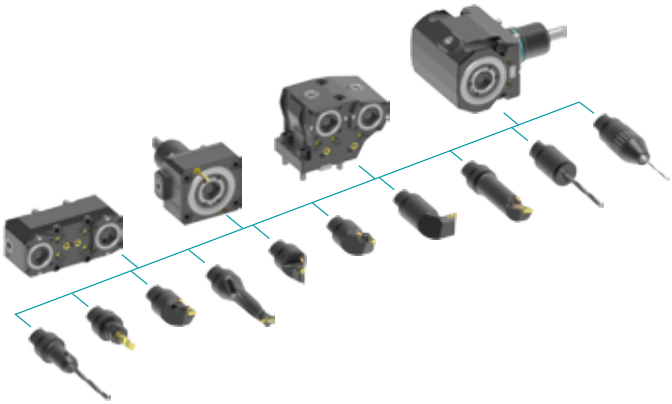
versions see catalog



heimatec.Capto™

heimatec.com
Products / Tool change systems /
heimatec.Capto™ quick-changing system

versions see catalog



heimatec.accessories

heimatec.com
Products / Accessories

versions see catalog

© *heimatec GmbH • Subject to technical changes.*

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
DE-77871 Renchen

T +49 7843 9466 0
info@heimatec.com
www.heimatec.com

● heimatec overseas branches

○ global representations of heimatec

heimatec GmbH
Präzisionswerkzeuge
Carl-Benz-Str. 4
77871 Renchen
Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
https://heimatec.com/business-partners

09/2026