

SPINNER
**PD CNC - VDI 16
- TOEM**



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





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.


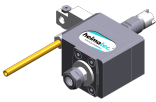
SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 010 03 002	Axial drilling and milling head ER 11	
	Weight [kg]:	0.670
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 004	Axial drilling and milling head ER 16	
	Weight [kg]:	0.660
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 006	Axial drilling and milling head ER 16 AX IC	
	Weight [kg]:	1.000
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 011 02 001	Axial milling head arbor 10	
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 03 001	Axial drilling and milling head ER 11	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
		Gear ratio [i]: 1:1 Torque max [Nm]: 6,3 Rotation max [1/min]: 6000 Rotating direction: same/opposite Coolant: EXT Offset [mm]: 44
8 019 03 002	Axial drilling and milling head ER 11	
	Weight [kg]: 1.950 Notation: offset Employment for: Front and reverse operation Version: double spindle Tool drive: Coupling Shank size [mm]: 16.00 Shank type: VDI Tool adaption: ER 11 Gear ratio [i]: 1:1 Torque max [Nm]: 6,3 Rotation max [1/min]: 6000 Rotating direction: same/opposite Coolant: EXT Offset [mm]: 56	
8 019 03 003	Axial drilling and milling head ER 11	
	Weight [kg]: 1.170 Notation: offset Version: right Tool drive: Coupling Shank size [mm]: 16.00 Shank type: VDI Tool adaption: ER 11 Gear ratio [i]: 1:2 Torque max [Nm]: 3 Rotation max [1/min]: 12000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Offset [mm]: 20	
8 019 04 009	Axial drilling and milling head ER 16	
	Weight [kg]: 1.950 Notation: offset Employment for: Sub spindle Tool drive: Coupling Shank size [mm]: 16.00 Tool adaption: ER 16 Gear ratio [i]: 1:1 Torque max [Nm]: 6,3 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT	

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 019 04 011	Axial drilling and milling head ER 16	
	Weight [kg]:	2.060
	Notation:	offset
	Employment for:	Front and reverse operation
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	with special rail
	Offset [mm]:	56
8 030 04 002	Radial drilling and milling head ER 16	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	39
8 030 04 004	Radial drilling and milling head ER 16 IC	
	Weight [kg]:	0.720
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	39
8 031 03 001	Radial milling head arbor 13	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
	Center distance [mm]:	39
8 033 03 003	Radial drilling and milling head ER 11	
	Weight [kg]:	1.220
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 03 006	Radial drilling and milling head ER 11	
	Weight [kg]:	1.210
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1,556
	Torque max [Nm]:	4
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 004	Radial drilling and milling head ER 16	
	Weight [kg]:	1.240
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 006	Radial drilling and milling head HT 2	
	Weight [kg]:	1.220
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000



SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 007	Radial drilling and milling head ER 16 IC	
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
8 033 04 010	Radial drilling and milling head ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	3:1
	Torque max [Nm]:	18
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 037 03 001	Woodruff keycutter ER 11	
	Weight [kg]:	2.080
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
8 038 03 002	Radial drilling and milling head ER 11	
	Weight [kg]:	2.860
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	90,5
8 040 03 001	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	2.020
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 040 04 001	Universal head ± 90° adjustable ER 16	
	Weight [kg]:	2.040
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6300
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	74
8 200 00 000	Tool holder A2-16x 60	
	Weight [kg]:	0.640
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 000	Tool holder A1-16x 44	
	Weight [kg]:	1.280
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 001	Plug Z2-16 K	
	Weight [kg]:	0.014
	Shank size [mm]:	16.00
	Shank type:	VDI
8 200 01 002	Plug Z2-16 S	
	Shank size [mm]:	16.00
	Shank type:	VDI
8 210 02 000	Tool holder E2-16x 6	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 210 03 000	Tool holder E2-16x 8	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 03 001	Short drill chuck VDI 16x 8	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	EXT
8 210 03 002	Short drill chuck VDI 16x 8 - IC	
	Weight [kg]:	0.580
	Shank size [mm]:	16.00
	Shank type:	VDI
	Coolant:	IC
8 210 03 003	Tool holder E4-16xER 11	
	Weight [kg]:	0.200
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Coolant:	IC
8 210 04 000	Tool holder E2-16x12	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 04 001	Tool holder E4-16xER 20	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Coolant:	IC
8 210 04 003	Tool holder E2-16x10	
	Weight [kg]:	0.340
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
8 210 04 004	Tool holder E4-16xER 16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Coolant:	IC
8 210 04 005	Tool holder E2-16x14	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 210 05 000	Tool holder E2-16x16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 05 001	Tool holder E3-16x C 16	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 16
	Coolant:	IC
8 210 06 000	Tool holder E2-16x20	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 214 01 000	Tool holder C3-16x12	
	Weight [kg]:	0.440
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 214 01 001	Tool holder C1-16x12	
	Weight [kg]:	0.500
	Employment for:	VDI 16
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 000	Tool holder B1-16x12x24	
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 001	Tool holder B3-16x12x24	
	Weight [kg]:	0.300
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 002	Tool holder B7-16x12x24	
	Weight [kg]:	0.420
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 234 01 003	Tool holder B5-16x12x24	
	Weight [kg]:	0.400
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 004	Tool holder B3-16x12x34	
	Weight [kg]:	0.400
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 005	Tool holder B1-16x12x34	
	Weight [kg]:	0.380
	Employment for:	VDI 16
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12/8
	Coolant:	EXT
8 234 01 006	Tool holder B5-16x12x34	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 234 01 007	Tool holder B7-16x12x34	
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 262 07 000	Stock stop VDI 16 - Ø 28	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 08 000	Stock stop VDI 16 - Ø 35	
	Weight [kg]:	0.320
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm
8 262 09 000	Stock stop VDI 16 - Ø 45	
	Notation:	rotating
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Lenght adjustable 50-70mm

SPINNER

PD CNC - VDI 16 - TOEM

Part-#	Name	
8 267 09 000	Bar pick-up VDI 16 offset	
	Weight [kg]:	0.480
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Please note:	Chuck jaws 18-36 mm special accessories
8 320 01 004	Cut-off holder, height adjustable SH 19	
	Weight [kg]:	0.560
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 19
	Coolant:	EXT
8 320 01 005	Tool holder height adjustable sq. 12	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT
8 320 01 006	Tool holder height adjustable sq. 12 ÜK	
	Version:	right
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Sq. 12
	Coolant:	EXT





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 overseas branches

○ global representations of heimatec

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>