

Takamatsu

Takamaz XY-120

- VDI



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





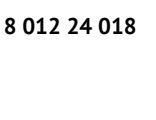
Tool systems for gear production

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.

Part-#	Name	
8 010 25 004	Axial drilling and milling head ER 25	
		
	Weight [kg]:	1.500
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 25 146	Axial drilling and milling head ER 25 AX UT	
		
	Weight [kg]:	1.660
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	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:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 010 26 029	Axial drilling and milling head HT 4	
		
	Weight [kg]:	1.440
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 012 24 003	Axial tapping head ER 20	
		
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 012 24 018	Axial tapping head WFLK 115 /A308	
		
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	WFLK 115
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same

Part-#	Name	
	Coolant:	EXT
8 030 25 159	Radial drilling and milling head ER 25	
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	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
	Center distance [mm]:	110
8 031 26 015	Radial polygon head arbor 27	
	Weight [kg]:	4.700
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Polygon arbor 27
	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]:	110
8 033 24 041	Radial drilling and milling head Weldon 12 IC	
	Weight [kg]:	4.160
	Notation:	offset
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 033 25 006	Radial drilling and milling head ER 25	
	Weight [kg]:	3.690
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	75
8 033 25 051	Radial drilling and milling head ER 25 IC	
	Notation:	offset
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 033 25 079	Radial drilling and milling head ER 25	
	Weight [kg]:	3.720
	Notation:	offset
	Employment for:	Sub spindle
	Version:	right
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	additional fixation right
	Center distance [mm]:	75
8 033 25 093	Radial drilling and milling head Weldon 16 IC	
	Notation:	offset
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	75
	Offset [mm]:	34,5

Part-#	Name	
8 039 25 021	Radial drilling and milling head ER 25	
	Weight [kg]:	4.740
	Version:	double spindle
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	5000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	110
8 040 24 036	Universal head ± 90° adjustable ER 16	
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	64
8 053 23 003	Multispindle radial head ER 11	
	Version:	left
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1,5
	Torque max [Nm]:	2/Sp.
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 231 27 026	Boring bar holder Ø 25	
	Weight [kg]:	3.800
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	80

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>