

Citizen  
**Cincom L(2)12**



# 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

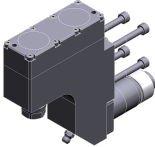
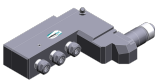

Digital tool management

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

Part-#	Name	
<b>3 010 23 000</b>	<b>Axial drilling and milling head ER 11</b>	
	Citizen Part-#:	MSC507
	Weight [kg]:	0.360
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing
<b>3 010 23 006</b>	<b>Axial drilling and milling head ER 11 IC</b>	
	Weight [kg]:	0.500
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	stronger bearing
<b>3 010 24 004</b>	<b>Axial drilling and milling head ER 16</b>	
	Weight [kg]:	0.490
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	no
<b>3 037 23 000</b>	<b>Woodruff keycutter ER 11</b>	
	Citizen Part-#:	GSS1530
	Weight [kg]:	2.260
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1,667:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	5400
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing; incl. arbor
	Center distance [mm]:	58


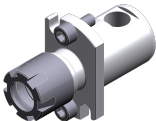


Part-#	Name	
	<b>3 037 23 002</b>	<b>Woodruff keycutter ER 11</b>
	Citizen Part-#:	GSC1507
	Weight [kg]:	1.630
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	no
	Please note:	stronger bearing
Center distance [mm]:	73	
	<b>3 053 23 002</b>	<b>Multispindle radial head ER 11</b>
	Weight [kg]:	2.780
	Notation:	offset
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
		ER 11
		ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	8
	Rotation max [1/min]:	10000
	Rotating direction:	same/opposite
Coolant:	no	
Please note:	stronger bearing	
Center distance [mm]:	60,5/90,5/120,5	
	<b>3 059 23 008</b>	<b>Multispindle radial head ER 11</b>
	Citizen Part-#:	GSE4407
	Weight [kg]:	2.050
	Employment for:	GSE4107
	Version:	2 x double spindle
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
		ER 11
		ER 11
		ER 11
	Gear ratio [i]:	1:1
Torque max [Nm]:	8	
Rotation max [1/min]:	10000	
Rotating direction:	same/opposite	
Coolant:	no	
Please note:	stronger bearing	
Center distance [mm]:	75,0/105,0	

Part-#	Name	
<b>3 068 24 000</b>	<b>Radial whirling unit HW 46</b>	
	Weight [kg]:	4.240
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	HW 46
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	no
	Please note:	Use necessarily check; without cutting inserts carrier
	Center distance [mm]:	100
<b>3 253 25 001</b>	<b>Multiple boring bar holder Ø 3/4"</b>	
	Citizen Part-#:	GDF1302
	Notation:	offset
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
	Coolant:	no
	Center distance [mm]:	62/ 85/108
<b>3 253 25 002</b>	<b>Multiple boring bar holder Ø 3/4"</b>	
	Citizen Part-#:	GDF1303
	Weight [kg]:	1.700
	Notation:	offset
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
	Coolant:	no
	Center distance [mm]:	60,5/ 90,5/120,5
<b>3 700 20 000</b>	<b>Plug with spur gear Ø 25,0</b>	
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Torque max [Nm]:	10
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	no
<b>3 732 25 000</b>	<b>Adapter bushing 25/19,05/36</b>	
	Citizen Part-#:	SAU819
	Weight [kg]:	0.067
	Version:	short S
	Shank size [mm]:	25.00
	Tool adaption:	Ø 19,05
	Please note:	Total length 36,0 mm

Part-#	Name	
<b>3 732 25 003</b>	<b>Adapter bushing 25/19,05/65</b>	
	Citizen Part-#:	SAU919
	Weight [kg]:	0.400
	Version:	long L
	Shank size [mm]:	25.00
	Tool adaption:	Ø 3/4" (19,05mm)
	Please note:	Total length 65,0 mm
<b>3 776 13 000</b>	<b>Collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	BDS507
	Weight [kg]:	0.110
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 61,3 mm
<b>3 776 13 001</b>	<b>Collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	BDS607
	Weight [kg]:	0.120
	Version:	long L
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 73,3 mm
<b>3 776 13 002</b>	<b>Collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	BDS707
	Weight [kg]:	0.090
	Version:	short S
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 54,3 mm
<b>3 776 13 003</b>	<b>Collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	VDS506
	Weight [kg]:	0.142
	Version:	long XL
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 84,8 mm
<b>3 776 13 004</b>	<b>Doppel-collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	HDS5406
	Weight [kg]:	0.070
	Version:	short S
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
		ER 11
	Coolant:	no
	Please note:	Total length 65,0 mm

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Part-#	Name	
<b>3 776 13 005</b>	<b>Doppel-collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	HDS5506
	Weight [kg]:	0.100
	Version:	long L
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
		ER 11
	Coolant:	no
	Please note:	Total length 85,0 mm
<b>3 776 13 006</b>	<b>Doppel-collet chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	HDS5706
	Version:	long XL
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
		ER 11
	Coolant:	no
	Please note:	Total length 110,0 mm
<b>3 776 14 000</b>	<b>Collet chuck Ø 19,05/ER 16</b>	
	Citizen Part-#:	BDS508
	Weight [kg]:	0.112
	Shank size [mm]:	19.05
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 65,3 mm
<b>3 776 14 001</b>	<b>Collet chuck Ø 19,05/ER 16</b>	
	Citizen Part-#:	BDS610
	Weight [kg]:	0.120
	Version:	long L
	Shank size [mm]:	19.05
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 80,3 mm
<b>3 776 14 002</b>	<b>Collet chuck Ø 19,05/ER 16 M</b>	
	Citizen Part-#:	GDS110
	Weight [kg]:	0.126
	Shank size [mm]:	19.05
	Tool adaption:	ER 16 M
	Coolant:	no
	Please note:	Total length 93,2 mm
<b>3 776 14 003</b>	<b>Collet chuck Ø 19,05/ER 16</b>	
	Citizen Part-#:	VDS110
	Weight [kg]:	0.140
	Version:	long XL
	Shank size [mm]:	19.05
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 90,0 mm

Part-#	Name	
<b>3 776 23 001</b>	<b>Collet chuck Ø 25/ER 11</b>	
	Citizen Part-#:	GDS107
	Weight [kg]:	0.330
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 116,0 mm
<b>3 776 24 011</b>	<b>Collet chuck Ø 25/ER 16 M</b>	
	Citizen Part-#:	GDS210
	Weight [kg]:	0.150
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 16 M
	Coolant:	no
	Please note:	Total length 61,2 mm
<b>3 778 13 000</b>	<b>Tapping chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	BNS407
	Notation:	with length compensation 8 mm
	Version:	short S
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	incl. per 1x Schneideisenaufnahme ø16x5 / 86,0 mm and
<b>3 778 13 001</b>	<b>Tapping chuck Ø 19,05/ER 11</b>	
	Citizen Part-#:	VNS406
	Notation:	with length compensation 8 mm
	Version:	long L
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	incl. per 1x Schneideisenaufnahme ø16x5 /119,5 mm and





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