

Citizen  
**Cincom M16**



# 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
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3 010 23 000

**Axial drilling and milling head ER 11**



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

3 010 23 006

**Axial drilling and milling head ER 11 IC**



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

3 010 24 004

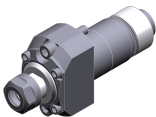
**Axial drilling and milling head ER 16**



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

3 013 23 000

**Axial drilling and milling head ER 11**



Weight [kg]: 0.360  
 Tool drive: Gear  
 Shank size [mm]: 25.00  
 Shank type: BMT  
 Tool adaption: ER 11  
 Gear ratio [i]: 1:4  
 Torque max [Nm]: 2,5  
 Rotation max [1/min]: 48000  
 Rotating direction: same  
 Coolant: no

Part-#	Name	
<b>3 224 00 000</b>	<b>Turning holder sq. 10</b>	
	Citizen Part-#:	VTF110
	Weight [kg]:	0.780
	Notation:	180° reversible
	Employment for:	Turret
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 10
	Tool adaption:	Sq. 10
	Coolant:	no
	Offset [mm]:	63,5 (0)
<b>3 240 05 000</b>	<b>Boring bar holder ø 3/4"</b>	
	Citizen Part-#:	VDF101
	Weight [kg]:	1.070
	Notation:	180° reversible
	Employment for:	Turret
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 10
	Tool adaption:	Ø 3/4" (19,05mm)
	Coolant:	no
	Center distance [mm]:	45
	Offset [mm]:	8,5 (55)
<b>3 253 05 000</b>	<b>Multiple boring bar holder ø 3/4"</b>	
	Citizen Part-#:	VDF401
	Weight [kg]:	1.350
	Notation:	180° reversible
	Employment for:	Turret
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 10
	Tool adaption:	Ø 3/4" (19,05mm) Ø 3/4" (19,05mm)
	Coolant:	no
	Center distance [mm]:	45/67,5
	Offset [mm]:	8,5 (55)
<b>3 253 25 000</b>	<b>Multiple boring bar holder Ø 3/4"</b>	
	Citizen Part-#:	MDF107
	Weight [kg]:	2.870
	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]:	66/101/136

Part-#	Name	
<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>3 776 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

Part-#	Name	
<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 13 005</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 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 14 003</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
<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

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