

Citizen
Cincom L20



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



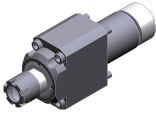

Digital tool management

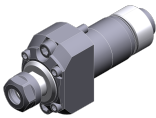



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Part-#	Name	
3 010 23 000	Axial drilling and milling head ER 11	
	Citizen Part-#:	MSC507
	Weight [kg]:	0.360
	Tool drive:	Gear
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing
3 010 23 001	Axial drilling and milling head ER 11	
	Citizen Part-#:	GSE3407
	Weight [kg]:	0.660
	Version:	long L
	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]:	9000
	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

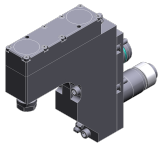
Part-#	Name	
3 010 34 000	Axial drilling and milling head ER 16 M	
	Citizen Part-#:	GSC1310
	Weight [kg]:	0.600
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	ER 16 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing, dimension turret face to front edge
3 010 34 004	Axial drilling and milling head ER 16 M	
	Weight [kg]:	0.790
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	ER 16 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing, dimension turret face to front edge
3 010 34 006	Axial drilling and milling head ER 16 M IC	
	Weight [kg]:	0.940
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	ER 16 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	20
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC
	Pressure max [bar]:	100
	Please note:	stronger bearing, dimension turret face to front edge
3 010 34 018	Axial drilling and milling head ER 16 M	
	Citizen Part-#:	GSC1210
	Weight [kg]:	0.600
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	ER 16 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	no
	Please note:	stronger bearing

Part-#	Name	
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
3 013 33 000	Axial drilling and milling head ER 11	
	Weight [kg]:	0.560
	Tool drive:	Gear
	Shank size [mm]:	31.00
	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
3 013 33 002	Axial drilling and milling head ER 11	
	Weight [kg]:	0.620
	Tool drive:	Gear
	Shank size [mm]:	31.00
	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
3 013 33 005	Axial drilling and milling head ER 11	
	Weight [kg]:	0.800
	Tool drive:	Gear
	Shank size [mm]:	31.00
	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
3 037 23 000	Woodruff keycutter ER 11	
	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

Part-#	Name
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Torque max [Nm]: 16
 Rotation max [1/min]: 5400
 Rotating direction: same
 Coolant: no
 Please note: stronger bearing; incl. arbor
 Center distance [mm]: 58

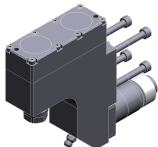
3 037 23 001



Woodruff keycutter ER 11

Citizen Part-#: GSC1407
 Weight [kg]: 2.370
 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: same
 Coolant: no
 Please note: stronger bearing
 Center distance [mm]: 113

3 037 23 002



Woodruff keycutter ER 11

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

3 043 23 000



Universal head +90°/-20° stronger ER 11 AX

Weight [kg]: 2.254
 Version: offset
 Tool drive: Gear
 Shank size [mm]: 25.00
 Shank type: BMT
 Tool adaption: ER 11 A
 Gear ratio [i]: 1:1
 Torque max [Nm]: 8
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: no
 Center distance [mm]: 35
 Offset [mm]: 25

Part-#	Name
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3 050 23 001

Multispindle drilling head ER 11



Tool drive: Gear
 Shank size [mm]: 25.00
 Shank type: BMT
 Tool adaption: ER 11
 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
 Offset [mm]: 45

3 050 33 000

Multispindle drilling head ER 11



Citizen Part-#: GSC1607
 Weight [kg]: 1.390
 Version: 2-spindles
 Tool drive: Gear
 Shank size [mm]: 31.00
 Shank type: BMT
 Tool adaption: ER 11
 ER 11
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 8000
 Rotating direction: same
 Coolant: no
 Please note: stronger bearing
 Offset [mm]: 0/31

3 053 33 000

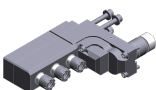
Multispindle radial head ER 11



Citizen Part-#: BSE607
 Version: 3-spindles
 Tool drive: Gear
 Shank size [mm]: 31.00
 Shank type: BMT
 Tool adaption: ER 11
 ER 11
 ER 11
 Gear ratio [i]: 1:1
 Torque max [Nm]: 10
 Rotation max [1/min]: 12000
 Rotating direction: same/opposite
 Coolant: no
 Please note: stronger bearing
 Center distance [mm]: 76,5/106,5/136,5

3 053 34 000

Multispindle radial head ER 16 M

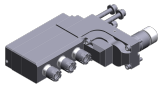


Citizen Part-#: GSE1610
 Weight [kg]: 4.720
 Notation: 90° adjustable
 Version: 3-spindles
 Tool drive: Gear
 Shank size [mm]: 31.00
 Shank type: BMT

Part-#	Name
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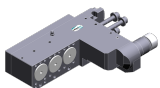
Tool adaption: ER 16 M
ER 16 M
ER 16 M
Gear ratio [i]: 1:1
Torque max [Nm]: 12
Rotation max [1/min]: 8000
Rotating direction: same/opposite
Coolant: no
Please note: stronger bearing
Center distance [mm]: 78/114/150

3 053 34 005 Multispindle radial head ER 16 M IC



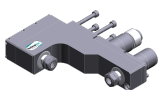
Weight [kg]: 5.420
Notation: 90° adjustable
Version: 3-spindles
Tool drive: Gear
Shank size [mm]: 31.00
Shank type: BMT
Tool adaption: ER 16 M
ER 16 M
ER 16 M
Gear ratio [i]: 1:1
Torque max [Nm]: 12
Rotation max [1/min]: 8000
Rotating direction: same/opposite
Coolant: IC
Pressure max [bar]: 140
Please note: stronger bearing; check applicability!
Center distance [mm]: 78/114/150

3 053 37 000 Multispindle adapter Ø 31



Citizen Part-#: GSE3210
Weight [kg]: 6.500
Notation: 90° adjustable
Version: 3-spindles
Tool drive: Gear
Shank size [mm]: 31.00
Shank type: BMT
Tool adaption: Interface Ø 31,0
Interface Ø 31,0
Interface Ø 31,0
Gear ratio [i]: 1:1
Torque max [Nm]: 12
Rotation max [1/min]: 8000
Rotating direction: opposite
Coolant: no
Center distance [mm]: 88,5/125,5/162,5

3 059 23 004 Multispindle drill and mill head ER 11



Tool drive: Gear
Shank size [mm]: 25.00
Shank type: BMT
Tool adaption: ER 11
ER 11
Gear ratio [i]: 1:1
Torque max [Nm]: 8
Rotation max [1/min]: 8000

Part-#	Name
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Rotating direction: opposite
Coolant: no
Please note: stronger bearing
Center distance [mm]: 73
Offset [mm]: 45

3 059 33 000



Multispindle radial head ER 11
Citizen Part-#: GSE3707
Version: 2 x double spindle
Tool drive: Gear
Shank size [mm]: 31.00
Shank type: BMT
Tool adaption: ER 11
ER 11
ER 11
ER 11
Gear ratio [i]: 1:1
Torque max [Nm]: 10
Rotation max [1/min]: 8000
Rotating direction: same/opposite
Coolant: no
Please note: stronger bearing
Center distance [mm]: 76,5/106,5

3 059 33 002

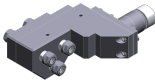
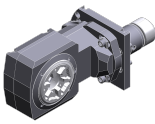
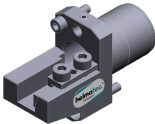
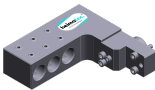


Multispindle radial head ER 11
Citizen Part-#: BSE707
Version: 3 x double spindle
Tool drive: Gear
Shank size [mm]: 31.00
Shank type: BMT
Tool adaption: ER 11
ER 11
ER 11
ER 11
ER 11
ER 11
Gear ratio [i]: 1:1
Torque max [Nm]: 10
Rotation max [1/min]: 12000
Rotating direction: same/opposite
Coolant: no
Please note: stronger bearing
Center distance [mm]: 76,5/106,5/136,5

3 059 33 003



Multispindle radial head ER 11
Citizen Part-#: GSE3907
Version: 2 x double spindle
Tool drive: Gear
Shank size [mm]: 31.00
Shank type: BMT
Tool adaption: ER 11
ER 11
ER 11
ER 11
Gear ratio [i]: 1:1
Torque max [Nm]: 10
Rotation max [1/min]: 9000



Part-#	Name	
	Rotating direction:	same/opposite
	Coolant:	no
	Please note:	stronger bearing
	Center distance [mm]:	76,5/106,5
3 059 33 004	Multispindle radial head ER 11	
	Citizen Part-#:	GSE4007
	Version:	3 x double spindle
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	ER 11
		ER 11
		ER 11
		ER 11
		ER 11
		ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	9000
	Rotating direction:	same/opposite
	Coolant:	no
	Please note:	stronger bearing
	Center distance [mm]:	76,5/94,5/112,5
	Offset [mm]:	0/24/0
3 068 34 001	Radial whirling unit HW 46	
	Tool drive:	Gear
	Shank size [mm]:	31.00
	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:	Check applicability; without cutting inserts carrier
	Center distance [mm]:	89,5
3 214 34 000	Turning holder sq. 12	
	Weight [kg]:	0.420
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	Sq. 12
	Coolant:	no
3 253 25 001	Multiple boring bar holder Ø 3/4"	
	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

Part-#	Name	
	Center distance [mm]:	62/ 85/108
3 253 25 002	Multiple boring bar holder Ø 3/4"	
	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
3 253 35 000	Multiple boring bar holder Ø 3/4"	
	Citizen Part-#:	GDF1207
	Weight [kg]:	2.340
	Notation:	offset
	Shank size [mm]:	31.00
	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]:	76,5/106,5/136,5
3 700 30 000	Plug with spur gear Ø 31,0	
	Citizen Part-#:	GSD107
	Weight [kg]:	0.390
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Torque max [Nm]:	20
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	no
3 732 25 000	Adapter bushing 25/19,05/36	
	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
3 732 25 003	Adapter bushing 25/19,05/65	
	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

Part-#	Name	
3 739 25 000	Adapter bushing 25/19,05/49 - 30	
	Citizen Part-#:	SAU1019
	Weight [kg]:	0.620
	Notation:	offset
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	Ø 3/4" (19,05mm)
	Please note:	Total length 63,0 mm
	Offset [mm]:	30
3 776 13 000	Collet chuck Ø 19,05/ER 11	
	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
3 776 13 001	Collet chuck Ø 19,05/ER 11	
	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
3 776 13 002	Collet chuck Ø 19,05/ER 11	
	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
3 776 13 003	Collet chuck Ø 19,05/ER 11	
	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
3 776 13 004	Doppel-collet chuck Ø 19,05/ER 11	
	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

Part-#	Name	
3 776 13 005	Doppel-collet chuck Ø 19,05/ER 11	
	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
3 776 13 006	Doppel-collet chuck Ø 19,05/ER 11	
	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
3 776 13 007	Doppel-collet chuck Ø 19,05/ER 11	
	Citizen Part-#:	HDS5806
	Version:	long XL
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
		ER 11
	Coolant:	no
	Please note:	Total length 130,0 mm
3 776 13 008	Collet chuck Ø 19,05/ER 11	
	Citizen Part-#:	LDS107
	Weight [kg]:	0.250
	Version:	long XXL
	Shank size [mm]:	19.05
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 141,0 mm
3 776 14 000	Collet chuck Ø 19,05/ER 16	
	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
3 776 14 001	Collet chuck Ø 19,05/ER 16	
	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

Part-#	Name	
3 776 14 002	Collet chuck Ø 19,05/ER 16 M	
	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
3 776 14 003	Collet chuck Ø 19,05/ER 16	
	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
3 776 14 004	Collet chuck Ø 19,05/ER 16	
	Citizen Part-#:	LDS110
	Weight [kg]:	0.240
	Version:	long XXL
	Shank size [mm]:	19.05
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 140,0 mm
3 776 23 001	Collet chuck Ø 25/ER 11	
	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
3 776 24 011	Collet chuck Ø 25/ER 16 M	
	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
3 776 24 015	Collet chuck Ø 25/ER 20 M	
	Weight [kg]:	0.170
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	ER 20 M
	Coolant:	no
	Please note:	Total length 63,5 mm

Part-#	Name	
3 778 13 000	Tapping chuck Ø 19,05/ER 11	
	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
3 778 13 001	Tapping chuck Ø 19,05/ER 11	
	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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