

Citizen
Cincom A20



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

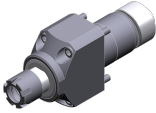
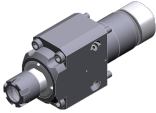
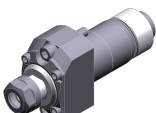

Digital tool management


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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 23 006	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	
	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
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

Part-#	Name	
	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	
	3 013 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

Part-#	Name	
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
	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 30 000	Woodruff keycutter arbor 5	
		
	Version:	± 5° turnable
	Tool drive:	Gear
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	Arbor 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	no
	Please note:	Check applicability! neighbor stations
	Center distance [mm]:	64

Part-#	Name
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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

3 059 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

3 068 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




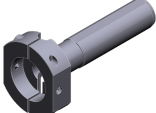
Part-#	Name	
3 214 34 000	Turning holder sq. 12	
	Weight [kg]:	0.420
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	Sq. 12
	Coolant:	no
3 253 25 001	Multiple boring bar holder Ø 3/4"	
	Citizen Part-#:	GDF1302
	Notation:	offset
	Shank size [mm]:	25.00
	Shank type:	BMT
	Tool adaption:	Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
		Ø 3/4" (19,05mm)
	Coolant:	no
	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
3 732 21 000	Reducing sleeve 25,4/ 4/130	
	Citizen Part-#:	ABS104
	Shank size [mm]:	25.40
	Tool adaption:	Ø 4
	Please note:	Total length 130,0 mm

Part-#	Name	
3 732 23 000	Reducing sleeve 25,4/ 8/130	
	Citizen Part-#:	ABS108
	Weight [kg]:	0.430
	Shank size [mm]:	25.40
	Tool adaption:	Ø 8
	Please note:	Total length 130,0 mm
3 732 23 001	Reducing sleeve 25,4/10/100	
	Citizen Part-#:	ABS110
	Weight [kg]:	0.327
	Shank size [mm]:	25.40
	Tool adaption:	Ø 10
	Please note:	Total length 100,0 mm
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
3 776 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

Part-#	Name	
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
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 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 14 003	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 23 000	Collet chuck Ø 25,4/ER 11	
	Citizen Part-#:	ADS707
	Shank size [mm]:	25.40
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 91,0 mm
3 776 24 000	Collet chuck Ø 25,4/ER 16 M	
	Citizen Part-#:	ADS810
	Version:	short S
	Shank size [mm]:	25.40
	Tool adaption:	ER 16 M
	Coolant:	no
	Please note:	Total length 61,0 mm
3 776 24 001	Collet chuck Ø 25,4/ER 16 M	
	Citizen Part-#:	ADS710
	Weight [kg]:	0.300
	Version:	long L
	Shank size [mm]:	25.40
	Tool adaption:	ER 16 M
	Coolant:	no
	Please note:	Total length 97,0 mm
3 776 24 002	Collet chuck Ø 25,4/ER 16	
	Citizen Part-#:	ADS110
	Shank size [mm]:	25.40
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 95,0 mm
3 776 24 004	Collet chuck Ø 25,4/ER 16	
	Citizen Part-#:	ADS410
	Weight [kg]:	0.230
	Version:	short S
	Shank size [mm]:	25.40
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 85,0 mm

Part-#	Name	
3 776 24 007	Doppel-collet chuck Ø 25,4/ER 16 M	
	Citizen Part-#:	ADS1110
	Version:	short S
	Shank size [mm]:	25.40
	Tool adaption:	ER 16 M ER 16 M
	Coolant:	no
	Please note:	Total length 85, 0 mm
3 776 24 009	Doppel-collet chuck Ø 25,4/ER 16 M	
	Citizen Part-#:	ADS1410
	Version:	long L
	Shank size [mm]:	25.40
	Tool adaption:	ER 16 M ER 16 M
	Coolant:	no
	Please note:	Total length 118,0 mm
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
3 778 23 000	Tapping chuck Ø 25,4/ER 11	
	Citizen Part-#:	ATS210
	Notation:	with length compensation 8 mm
	Version:	short S
	Shank size [mm]:	25.40
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 65,0 mm
3 778 23 001	Tapping chuck Ø 25,4/ER 11	
	Citizen Part-#:	ATS307
	Notation:	with length compensation 8 mm
	Version:	long L
	Shank size [mm]:	25.40
	Tool adaption:	ER 11
	Coolant:	no
	Please note:	Total length 93,0 mm

Part-#	Name	
3 778 24 000	Tapping chuck Ø 25,4/ER 16	
	Citizen Part-#:	ATS112
	Weight [kg]:	0.320
	Notation:	with length compensation 8 mm
	Shank size [mm]:	25.40
	Tool adaption:	ER 16
	Coolant:	no
	Please note:	Total length 110,0 mm
3 778 26 001	Die chuck Ø 25,4/ Ø 20,0x 7,0	
	Citizen Part-#:	AUS106
	Shank size [mm]:	25.40
	Tool adaption:	Ø 20,0x 7,0
	Coolant:	no
	Please note:	Total length 130,0 mm
3 778 27 000	Die chuck Ø 25,4/ Ø 25,0x 9,0	
	Citizen Part-#:	AUS110
	Shank size [mm]:	25.40
	Tool adaption:	Ø 25,0x 9,0
	Coolant:	no
	Please note:	Total length 130,0 mm
3 778 28 000	Die chuck Ø 25,4/ Ø 38,0x13,0	
	Citizen Part-#:	AUS112
	Shank size [mm]:	25.40
	Tool adaption:	Ø 38,0x13,0
	Coolant:	no
	Please note:	Total length 130,0 mm





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