

Citizen
Cincom M(5)32



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 34 005



Axial drilling and milling head ER 20

Citizen Part-#: KSC113
 Weight [kg]: 2.190
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Offset [mm]: (49)

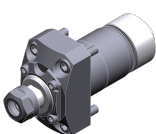
3 010 34 007



Axial drilling and milling head ER 20

Citizen Part-#: KSC213
 Weight [kg]: 1.970
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Offset [mm]: (49)

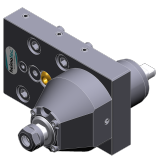
3 013 33 000



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 33 001



Axial drilling and milling head ER 11

Citizen Part-#: ~KSC107-4X
 Weight [kg]: 2.090
 Notation: 180° reversible
 Employment for: Turret
 Version: long
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 11
 Gear ratio [i]: 1:4
 Torque max [Nm]: 2,5

Part-#	Name
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Rotation max [1/min]: 48000
 Rotating direction: same
 Coolant: EXT
 Offset [mm]: (49)

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 33 003 Axial drilling and milling head ER 11



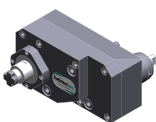
Weight [kg]: 1.720
 Notation: 180° reversible
 Employment for: Turret
 Version: short
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 11
 Gear ratio [i]: 1:4
 Torque max [Nm]: 2,5
 Rotation max [1/min]: 48000
 Rotating direction: same
 Coolant: EXT
 Offset [mm]: (49)

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

3 019 33 001 Axial milling head arbor 5/8"

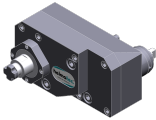


Citizen Part-#: KSS1060
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: Arbor 5/8" (15,875mm)
 Gear ratio [i]: 4:1
 Torque max [Nm]: 70
 Rotation max [1/min]: 1500

Part-#	Name
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Rotating direction: same
Coolant: no
Please note: for milling cutter ø 60 mm
Offset [mm]: 93 (44)

3 019 34 001 Axial milling head arbor 16



Citizen Part-#: KSS1063
Notation: 180° reversible
Employment for: Turret
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 36.00
Shank type: BMT
Tool adaption: Arbor 16
Gear ratio [i]: 4:1
Torque max [Nm]: 70
Rotation max [1/min]: 1500
Rotating direction: same
Coolant: no
Please note: for milling cutter ø 63 mm
Offset [mm]: 91,5 (42,5)

3 019 34 003 Axial drilling and milling head ER 20 IC



Citizen Part-#: ~KSC113
Weight [kg]: 4.230
Notation: 180° reversible
Employment for: Turret
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 36.00
Shank type: BMT
Tool adaption: ER 20
Gear ratio [i]: 1:1
Torque max [Nm]: 16
Rotation max [1/min]: 6000
Rotating direction: same
Coolant: IC/Ext
Pressure max [bar]: 140
Offset [mm]: 98 (49)

3 019 34 004 Axial drilling and milling head ER 20 IC

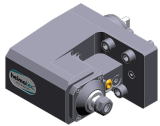


Citizen Part-#: ~KSC213
Notation: 180° reversible
Employment for: Turret
Tool drive: Flat (~DIN 1809)
Shank size [mm]: 36.00
Shank type: BMT
Tool adaption: ER 20
Gear ratio [i]: 1:1
Torque max [Nm]: 16
Rotation max [1/min]: 6000
Rotating direction: same
Coolant: IC/Ext
Pressure max [bar]: 140
Offset [mm]: 98 (49)

Part-#	Name
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3 030 33 001

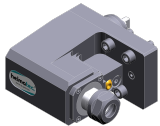
Radial drilling and milling head ER 11



Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 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: EXT
 Center distance [mm]: 80

3 030 34 000

Radial drilling and milling head ER 20



Citizen Part-#: KSE113
 Weight [kg]: 4.410
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 80

3 030 34 001

Radial drilling and milling head ER 20



Citizen Part-#: KSE213
 Weight [kg]: 3.940
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 80

3 030 34 002

Radial drilling and milling head ER 20 IC



Citizen Part-#: KSE113 - IK
 Weight [kg]: 4.290
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1

Part-#	Name
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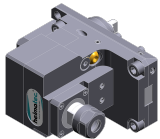
Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 80

3 030 34 003 Radial drilling and milling head ER 20 IC



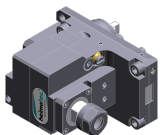
Citizen Part-#: KSE213 - IK
 Weight [kg]: 3.910
 Notation: 180° reversible
 Employment for: Turret
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 20
 Gear ratio [i]: 1:1
 Torque max [Nm]: 16
 Rotation max [1/min]: 6000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140
 Center distance [mm]: 80

3 030 34 004 Radial drilling and milling head ER 16



Citizen Part-#: KSE1410
 Notation: 180° reversible
 Employment for: Turret
 Version: offset
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 16
 Gear ratio [i]: 1:2
 Torque max [Nm]: 8
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 80
 Offset [mm]: 26 (48,0)

3 030 34 005 Radial drilling and milling head ER 16 IC



Citizen Part-#: ~KSE1410-IK
 Weight [kg]: 4.560
 Notation: 180° reversible
 Employment for: Turret
 Version: offset
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 16
 Gear ratio [i]: 1:2
 Torque max [Nm]: 8
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: IC/Ext
 Pressure max [bar]: 140

Part-#	Name	
	Center distance [mm]:	80
	Offset [mm]:	26 (48)
3 037 32 002	Radial disk mill head arbor 10	
	Citizen Part-#:	~KSH432
	Weight [kg]:	4.080
	Notation:	180° reversible
	Employment for:	Turret
	Version:	± 22° turnable
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	no
	Please note:	max. milling cutter ø32 mm
	Center distance [mm]:	77
	Offset [mm]:	49 (25)
3 043 34 000	Universal head +90°/-30° adj. ER16AX UT	
	Notation:	offset; 180° reversible
	Employment for:	Turret
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	41
	Offset [mm]:	49 (0)
3 050 34 001	Multispindle drilling head ER 16	
	Citizen Part-#:	KSC1210
	Weight [kg]:	5.140
	Notation:	180° reversible
	Employment for:	Turret
	Version:	2-spindles
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	ER 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8/Sp.
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Offset [mm]:	98 (49)

Part-#	Name
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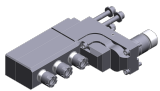
3 050 34 002



Multispindle drilling head ER 20

Citizen Part-#:	KSC313
Weight [kg]:	4.770
Notation:	180° reversible
Employment for:	Turret
Version:	2-spindles
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	36.00
Shank type:	BMT
Tool adaption:	ER 20
Gear ratio [i]:	1:1
Torque max [Nm]:	16/Sp.
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Offset [mm]:	98 (49)

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
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 34 003

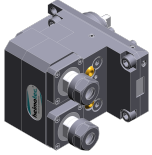


Multispindle radial head ER 20

Citizen Part-#:	KSE313
Weight [kg]:	5.830
Notation:	180° reversible
Employment for:	Turret
Version:	2-spindles; offset
Tool drive:	Flat (~DIN 1809)
Shank size [mm]:	36.00
Shank type:	BMT
Tool adaption:	ER 20 ER 20
Gear ratio [i]:	1:1
Torque max [Nm]:	16
Rotation max [1/min]:	6000
Rotating direction:	same
Coolant:	EXT
Center distance [mm]:	80
Offset [mm]:	42,5 (31,5) Y±26,5

Part-#	Name
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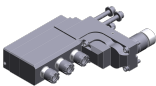
3 053 34 004



Multispindle radial head ER 16

Citizen Part-#: KSE1510
 Weight [kg]: 5.250
 Notation: 180° reversible
 Employment for: Turret
 Version: 2-spindles; offset
 Tool drive: Flat (~DIN 1809)
 Shank size [mm]: 36.00
 Shank type: BMT
 Tool adaption: ER 16
 ER 16
 Gear ratio [i]: 1:2
 Torque max [Nm]: 8
 Rotation max [1/min]: 12000
 Rotating direction: same
 Coolant: EXT
 Center distance [mm]: 80
 Offset [mm]: 26 (48,0)
 Y±26,5

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



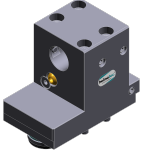
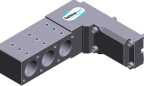

3 068 34 001



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	
3 068 34 002	Radial whirling unit HW 46	
	Employment for:	Turret
	Tool drive:	Flat (~DIN 1809)
	Shank size [mm]:	36.00
	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:	EXT
	Please note:	Check applicability; without cutting inserts carrier
	Center distance [mm]:	70
3 214 31 002	Turning holder sq. 16	
	Citizen Part-#:	CTF1216
	Weight [kg]:	3.235
	Notation:	180° reversible
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Sq. 16 (5/8")
	Coolant:	EXT
	Offset [mm]:	74 (0)
3 214 31 007	Turning holder sq. 16	
	Citizen Part-#:	CTF1316
	Notation:	180° reversible
	Employment for:	Turret
	Version:	Upside down
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Sq. 16 (5/8")
	Coolant:	EXT
	Offset [mm]:	74 (0)
3 219 33 000	Adapter for sensor Blum TC 55	
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Blum-sensor TC 55
	Coolant:	no
3 240 37 000	Boring bar holder Ø 1"	
	Notation:	offset
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	70

Part-#	Name	
3 240 37 001	Boring bar holder Ø 1"	
	Citizen Part-#:	CDF1201
	Weight [kg]:	4.020
	Notation:	offset
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	70,0
3 240 37 002	Boring bar holder Ø 1"	
	Citizen Part-#:	CDF1401
	Weight [kg]:	3.860
	Notation:	offset
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC
	Center distance [mm]:	70,0
3 249 37 000	Double boring bar holder ø 1"	
	Citizen Part-#:	CDF1301
	Weight [kg]:	3.690
	Notation:	offset
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	EXT
	Center distance [mm]:	70,0
3 253 37 006	Multiple boring bar holder Ø 1"	
	Citizen Part-#:	GDF1701
	Weight [kg]:	3.600
	Notation:	offset
	Shank size [mm]:	31.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm) Ø 1" (25,4mm) Ø 1" (25,4mm)
	Coolant:	no
	Center distance [mm]:	78/114/150
3 253 37 007	Multiple boring bar holder ø 1"	
	Citizen Part-#:	CDF1101
	Weight [kg]:	5.630
	Notation:	offset
	Employment for:	Turret
	Shank size [mm]:	36.00
	Shank type:	BMT
	Tool adaption:	Ø 1" (25,4mm) Ø 1" (25,4mm) Ø 1" (25,4mm)
	Coolant:	IC/Ext

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Part-#	Name
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Center distance [mm]: 70,0/91,0
Offset [mm]: Y+32,0 ; Y-32,0

3 259 31 000

Multiple turning holder 2x sq. 16



Citizen Part-#: CTF1116
Weight [kg]: 4.160
Notation: 180° reversible
Employment for: Turret
Version: Y-axes offset
Shank size [mm]: 36.00
Shank type: BMT
Tool adaption: Sq. 16
Sq. 16
Coolant: EXT
Offset [mm]: 74 (0)
Y+21,0 ; Y-21,0



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