

SPINNER
TC 77L-MC



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

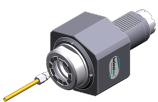
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Part-#	Name	
8 010 56 033	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	5.470
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 57 015	Axial drilling and milling head ER 40	
	Weight [kg]:	5.390
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 010 57 036	Axial drilling and milling head ER 40 IC	
	Weight [kg]:	5.590
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 57 083	Axial drilling and milling head ER 40 AX UT	
	Weight [kg]:	5.120
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 010 57 084	Axial drilling and milling head ER 40 AX UT IC	
	Weight [kg]:	5.280
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 u-tec
	Gear ratio [i]:	1:1



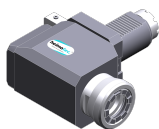
Part-#	Name	
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 58 010	Axial drilling and milling head HT 6	
	Weight [kg]:	5.360
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 010 58 011	Axial drilling and milling head HT 6 IC	
	Weight [kg]:	5.570
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 011 55 011	Axial milling head universal arbor 22	
	Weight [kg]:	5.350
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
8 011 56 006	Axial milling head universal arbor 27	
	Weight [kg]:	7.120
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Taper roller bearings

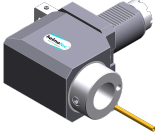
Part-#	Name	
8 013 54 021	Axial drilling and milling head ER 16 AX UT	
	Weight [kg]:	3.520
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:4
	Torque max [Nm]:	5
	Rotation max [1/min]:	24000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 98
8 019 55 043	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	8.360
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:3
	Torque max [Nm]:	16
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	50
8 019 56 013	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	8.580
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:2
	Torque max [Nm]:	40
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Offset [mm]:	50
8 019 56 015	Axial drilling and milling head ER 32	
	Notation:	offset
	Version:	left; special
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	2:1
	Torque max [Nm]:	80
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
	Offset [mm]:	50
8 019 57 073	Axial drilling and milling head ER 40	
	Weight [kg]:	14.160
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	100
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Offset [mm]:	75
8 030 56 009	Radial drilling and milling head ER 32	
	Weight [kg]:	5.920
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69
8 030 56 028	Radial drilling and milling head ER 32 IC	
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	69
8 030 57 013	Radial drilling and milling head ER 40	
	Weight [kg]:	6.060
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	69

Part-#	Name
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8 030 57 048	Radial drilling and milling head ER 40 IC	Weight [kg]: 6.670 Version: right Tool drive: Coupling Shank size [mm]: 50.00 Shank type: VDI Tool adaption: ER 40 Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 69
8 030 57 097	Radial drilling and milling head ER 40	Tool drive: Coupling Shank size [mm]: 50.00 Shank type: VDI Tool adaption: ER 40 Gear ratio [i]: 1:2 Torque max [Nm]: 16 Rotation max [1/min]: 12000 Rotating direction: opposite Coolant: EXT Please note: stronger bearing Center distance [mm]: 69
8 030 57 100	Radial drilling and milling head ER 40 AX UT	Weight [kg]: 6.800 Tool drive: Coupling Shank size [mm]: 50.00 Shank type: VDI Tool adaption: ER 40 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT Center distance [mm]: 69
8 030 57 105	Radial drilling and milling head ER 40 AX UT IC	Weight [kg]: 7.300 Tool drive: Coupling Shank size [mm]: 50.00 Shank type: VDI Tool adaption: ER 40 A - u-tec Gear ratio [i]: 1:1 Torque max [Nm]: 50 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 140 Center distance [mm]: 69



Part-#	Name	
8 030 58 019	Radial drilling and milling head HT 6 IC	
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Center distance [mm]:	69
8 030 58 020	Radial drilling and milling head HT 6	
	Weight [kg]:	7.140
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	69
8 033 57 006	Radial drilling and milling head ER 40	
	Weight [kg]:	9.730
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	110
8 033 57 011	Radial drilling and milling head ER 40	
	Weight [kg]:	10.320
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
	Please note:	stronger bearing
	Center distance [mm]:	110
8 033 57 013	Radial drilling and milling head ER 40 IC	
	Weight [kg]:	10.280
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	110
8 033 57 025	Radial drilling and milling head ER 40	
	Weight [kg]:	9.700
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Gear ratio [i]:	2:1
	Torque max [Nm]:	63
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	110
8 033 58 000	Radial drilling and milling head HT 6	
	Weight [kg]:	10.340
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	110
8 033 58 014	Radial drilling and milling head HT 6 IC	
	Weight [kg]:	10.930
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	HT 6

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Part-#	Name	
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	110
8 039 52 002	Radial drilling and milling head Weldon 6	
	Weight [kg]:	7.100
	Version:	left
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6 special
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special version
	Center distance [mm]:	185
8 040 56 007	Universal head ± 90° adjustable ER 32	
	Weight [kg]:	14.880
	Tool drive:	Coupling
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	123
8 200 51 002	Tool holder A2-50x135	
	Weight [kg]:	9.200
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 003	Tool holder A2-50x220	
	Weight [kg]:	14.240
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 004	Tool holder A2-50x400	
	Weight [kg]:	24.700
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 51 005	Plug Z2-50 S	
	Weight [kg]:	2.260
	Shank size [mm]:	50.00
	Shank type:	VDI

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Part-#	Name	
8 200 51 006	Plug Z2-50 K	
	Weight [kg]:	0.200
	Shank size [mm]:	50.00
	Shank type:	VDI
8 200 55 000	Tool holder A1-50x125	
	Weight [kg]:	19.800
	Shank size [mm]:	50.00
	Shank type:	VDI
8 208 59 002	Test mandrel VDI 50x40x200	
	Weight [kg]:	3.860
	Shank size [mm]:	50.00
	Shank type:	VDI
8 210 52 000	Tool holder F 50-MK 2	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
8 210 53 000	Tool holder F 50-MK 3	
	Weight [kg]:	2.700
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
8 210 53 001	Tool holder E2-50x 8	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext
8 210 54 000	Tool holder E1-50x10	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
8 210 54 001	Tool holder E1-50x12	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
8 210 54 002	Tool holder E2-50x12	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext

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Part-#	Name	
8 210 54 003	Tool holder F 50-MK 4	
	Weight [kg]:	2.760
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 4
	Coolant:	IC
8 210 54 004	Short drill chuck VDI 50x13	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	EXT
8 210 54 005	Short drill chuck VDI 50x13 - IC	
	Weight [kg]:	2.920
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
8 210 54 006	Tool holder E2-50x10	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC/Ext
8 210 55 000	Tool holder E1-50x16	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
8 210 55 001	Tool holder E2-50x16	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 55 002	Tool holder F 50-MK 5	
	Weight [kg]:	8.320
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 5
	Coolant:	IC
8 210 55 004	Short drill chuck VDI 50x16 - IC	
	Weight [kg]:	3.120
	Shank size [mm]:	50.00
	Shank type:	VDI
	Coolant:	IC
8 210 56 000	Tool holder E1-50x20	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC

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Part-#	Name	
8 210 56 001	Tool holder E2-50x20	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 210 57 000	Tool holder E2-50x25	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
8 210 57 001	Tool holder E1-50x25	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
8 210 57 002	Tool holder E3-50x C 25	
	Weight [kg]:	3.180
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
8 210 57 003	Tool holder E4-50xER 40	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
8 210 58 000	Tool holder E1-50x32	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC
8 210 58 001	Tool holder E2-50x32	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
8 210 58 002	Tool holder E3-50x C 32	
	Weight [kg]:	3.620
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 32
	Coolant:	IC
8 210 59 001	Tool holder E2-50x50	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC/Ext

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Part-#	Name	
8 210 59 002	Tool holder E1-50x40	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
8 210 59 003	Tool holder E1-50x50	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 50
	Coolant:	IC
8 210 59 004	Tool holder E2-50x40	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
8 210 59 005	Tool holder E1-50x44 - special	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 44
	Coolant:	IC
	Please note:	Special version
8 210 59 006	Tool holder E1-50x63 - special	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Ø 63
	Coolant:	IC
	Please note:	Special version
8 214 54 000	Tool holder C1-50x32	
	Weight [kg]:	5.660
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 214 54 001	Tool holder C3-50x32	
	Weight [kg]:	6.080
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 000	Tool holder B1-50x32x55	
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT

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Part-#	Name	
8 234 54 001	Tool holder B3-50x32x55	
	Weight [kg]:	4.420
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 002	Tool holder B5-50x32x55	
	Weight [kg]:	5.220
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 234 54 003	Tool holder B7-50x32x55	
	Weight [kg]:	5.640
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Sq. 32/25
	Coolant:	EXT
8 320 53 004	Cut-off holder, height adjustable SH 32 IC	
	Version:	universal
	Shank size [mm]:	50.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70



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heimatec[®]

heimatec GmbH
 Präzisionswerkzeuge
 Carl-Benz-Str. 4
 77871 Renchen
 Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
<https://heimatec.com/business-partners>