

Doosan  
**Dooturn S 390**  
**LM**



# 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	
<b>8 010 46 001</b>	<b>Axial drilling and milling head ER 32</b>	
	Weight [kg]:	3.270
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	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
<b>8 010 46 195</b>	<b>Axial drilling and milling head ER 32 AX UT IC</b>	
	Weight [kg]:	3.340
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 84
<b>8 010 46 196</b>	<b>Axial drilling and milling head ER 32 AX UT</b>	
	Weight [kg]:	3.200
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	ER 32 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 84
<b>8 010 46 281</b>	<b>Axial drilling and milling head ER 32 IC</b>	
	Weight [kg]:	3.400
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	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:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 84

Part-#	Name	
<b>8 010 47 103</b>	<b>Axial drilling and milling head HT 5 IC</b>	
	Weight [kg]:	3.440
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing $\varnothing$ 84
<b>8 010 47 104</b>	<b>Axial drilling and milling head HT 5</b>	
	Weight [kg]:	3.210
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	Shank type:	VDI
	Tool adaption:	HT 5
	Gear ratio [i]:	1:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing $\varnothing$ 84
<b>8 010 47 105</b>	<b>Axial drilling and milling head ER 40 IC</b>	
	Weight [kg]:	3.620
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	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
	Please note:	stronger bearing; round housing $\varnothing$ 84
<b>8 033 46 027</b>	<b>Radial drilling and milling head ER 32 IC</b>	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	40.00
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100

Part-#	Name
<b>8 033 46 112</b>	<b>Radial drilling and milling head ER 32 AX UT</b>
	Weight [kg]: 7.480
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 100
<b>8 033 46 135</b>	<b>Radial drilling and milling head ER 32 AX UT IC</b>
	Weight [kg]: 7.920
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: IC/Ext
	Pressure max [bar]: 140
	Center distance [mm]: 100
<b>8 033 47 018</b>	<b>Radial drilling and milling head C 25</b>
	Weight [kg]: 7.700
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: DIN 6388 - C 25
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 100
<b>8 037 49 019</b>	<b>Radial disk mill head shaft diameter 16-32</b>
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: Interchangeable arbor
	Gear ratio [i]: 3:1
	Torque max [Nm]: 80
	Rotation max [1/min]: 2000
	Rotating direction: opposite
	Coolant: EXT
	Please note: Price without arbor, strong version

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Part-#	Name
	Center distance [mm]: 113
	Offset [mm]: 58
<b>8 039 46 044</b>	<b>Radial drilling and milling head ER 32 AX UT</b>
	Weight [kg]: 8.490
	Notation: offset in Y-axis
	Version: Special
	Tool drive: DIN 5482
	Shank size [mm]: 40.00
	Shank type: VDI
	Tool adaption: ER 32 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 115

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**heimatec**<sup>®</sup>

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

T +49 7843 9466 0  
[www.heimatec.com](http://www.heimatec.com)  
[info@heimatec.com](mailto:info@heimatec.com)

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