TOOL CATALOGUE

heimatec®

Doosan

Z 290SMY oberer Rev. - Sauter

09/2026



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 subsiiary 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 24 067	**Axial drilling and milling head Weldon 14**	
	Version:	Special
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing, special length
8 010 25 090	**Axial drilling and milling head ER 25**	
	Weight [kg]:	1.580
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 68
8 010 25 091	**Axial drilling and milling head ER 25 IC**	
	Weight [kg]:	1.830
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing Ø 68
8 010 25 118	**Axial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

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Part-#	Name	
8 010 25 119	**Axial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 68
8 013 22 000	**Axial drilling and milling head Weldon 6**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 013 24 014	**Axial drilling and milling head Weldon 10**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 013 25 007	**Axial drilling and milling head Weldon 16**	
	Weight [kg]:	4.320
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

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Part-#	Name	
8 014 25 002	**Axial milling head universal arbor 22**	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 018 24 002	**Axial drilling and milling head ER 16 AX**	
	Weight [kg]:	2.800
	Notation:	Y-axes adjustable ± 21 mm
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
8 019 22 001	**Axial drilling and milling head ER 8 M**	
	Notation:	offset
	Version:	Special; left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 8
	Gear ratio [i]:	1:2,174
	Torque max [Nm]:	5
	Rotation max [1/min]:	9000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special version
	Offset [mm]:	70
8 019 25 008	**Axial milling head universal arbor 1"**	
	Weight [kg]:	5.300
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 1" (25,4mm)
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5

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Part-#	Name	
8 019 25 021	**Axial drilling and milling head ER 25**	
	Weight [kg]:	4.320
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 25 025	**Axial milling head universal arbor 22**	
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	4000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 25 027	**Axial drilling and milling head ER 25 IC**	
	Weight [kg]:	4.360
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:3
	Torque max [Nm]:	6
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 26 002	**Axial drilling and milling head HT 4 IC**	
	Weight [kg]:	4.300
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12

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Part-#	Name	
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	34,5
8 030 22 003	**Radial drilling and milling head Weldon 6**	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 24 036	**Radial drilling and milling head ER 20 AX**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Old turret locator distance 46 mm
	Center distance [mm]:	100
8 030 24 037	**Radial drilling and milling head ER 20 AX**	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Old turret locator distance 46 mm
	Center distance [mm]:	100
8 030 24 040	**Radial drilling and milling head ER 20 AX**	
	Weight [kg]:	4.760
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

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Part-#	Name	
	Center distance [mm]:	100
8 030 24 067	**Radial drilling and milling head ER 20 AX**	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 24 086	**Radial drilling and milling head Weldon 10**	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 25 021	**Radial drilling and milling head ER 25**	
	Weight [kg]:	3.970
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 030 25 055	**Radial drilling and milling head ER 25**	
	Weight [kg]:	4.020
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100

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Part-#	Name	
8 030 25 058	**Radial drilling and milling head Weldon 16 IC**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	100
8 030 26 013	**Radial drilling and milling head Weldon 20 IC**	
	Weight [kg]:	4.620
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Please note:	stronger bearing
	Center distance [mm]:	100
8 030 26 055	**Radial drilling and milling head HT 4**	
	Weight [kg]:	4.820
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	15000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 031 26 016	**Radial milling head universal arbor 27**	
	Weight [kg]:	3.430
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	64

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Part-#	Name	
8 033 25 106	**Radial drilling and milling head ER 25 IC**	
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 033 26 017	**Radial drilling and milling head HT 4 IC**	
	Weight [kg]:	5.860
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
8 033 26 018	**Radial drilling and milling head HT 4**	
	Weight [kg]:	5.640
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:3
	Torque max [Nm]:	8
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	100
8 036 25 002	**Radial drilling and milling head ER 25 IC**	
	Weight [kg]:	3.990
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 036 25 003	**Radial drilling and milling head ER 25**	
	Weight [kg]:	3.990
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 036 25 008	**Radial drilling and milling head ER 25**	
	Weight [kg]:	3.540
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 036 25 038	**Radial drilling and milling head ER 25 IC**	
	Weight [kg]:	3.940
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 036 25 041	**Radial drilling and milling head ER 25 AX UT**	
	Weight [kg]:	4.220
	Notation:	180° reversible
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 036 25 042	**Radial drilling and milling head ER 25 AX UT IC**	
	Weight [kg]:	4.640
	Notation:	180° reversible
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	100
8 036 26 038	**Radial drilling and milling head HT 4 IC**	
	Notation:	180° reversible
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 039 24 008	**Radial drilling and milling head ER 20**	
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 039 24 011	**Radial milling head universal arbor 16**	
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000

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Part-#	Name	
	Rotating direction:	same/opposite
	Coolant:	EXT
8 039 25 006	**Radial drilling and milling head ER 25**	
	Weight [kg]:	4.440
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 039 25 053	**Radial drilling and milling head ER 25**	
	Weight [kg]:	4.530
	Version:	double spindle; doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 039 25 070	**Radial drilling and milling head ER 25**	
	Weight [kg]:	4.330
	Version:	360° turnable
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	85
8 039 26 003	**Radial drilling and milling head ER 25 / HT 4**	
	Weight [kg]:	4.480
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4 ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16

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Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Center distance [mm]:	100
8 039 26 004	**Radial drilling and milling head HT 4**	
	Weight [kg]:	4.500
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 039 26 021	**Radial drilling and milling head HT 4**	
	Weight [kg]:	4.600
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	Fixation slide stone; stronger bearing
	Center distance [mm]:	100
8 039 26 026	**Radial drilling and milling head HT 4**	
	Version:	double spindle; doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
8 039 29 001	**Angle head for adapter v. Microborekopf**	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Centering bore 58,2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

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Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	100
8 040 24 012	**Universal head ± 90° adjustable ER 20**	
	Weight [kg]:	2.470
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Fixation 180° reversible
	Center distance [mm]:	64
8 040 24 032	**Universal head ± 90° adjustable HT 2**	
	Weight [kg]:	3.080
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	5000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Note swivel range
	Center distance [mm]:	97
8 040 24 035	**Universal head ± 90° adjustable ER 16**	
	Weight [kg]:	2.320
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Fixation 180° reversible
	Center distance [mm]:	64
8 040 24 059	**Universal head ± 90° adjustable ER 16 AX UT**	
	Weight [kg]:	4.430
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000

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Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88
8 040 24 075	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Weight [kg]:	4.450
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	88
8 040 24 077	**Universal head ± 90° adjustable ER 16 AX UT**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88
8 040 24 078	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	88
8 040 24 079	**Universal head ± 90° adjustable ER 16 AX UT**	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88

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Part-#	Name	
8 040 24 081	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Weight [kg]:	4.450
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	88
8 040 24 084	**Universal head ± 90° adjustable ER 16 AX UT**	
	Weight [kg]:	4.440
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88
8 040 24 087	**Universal head ± 90° adjustable ER 16 AX UT IC**	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	88
8 040 24 108	**Universal head ± 90° adjustable ER 16 AX UT**	
	Weight [kg]:	4.470
	Version:	left, at +45° position can be pinned
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88

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Part-#	Name	
8 040 25 021	**Universal head ± 90° adjustable ER 25 AX UT**	
	Weight [kg]:	4.630
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
8 040 25 022	**Universal head ± 90° adjustable ER 25 AX UT IC**	
	Weight [kg]:	4.650
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	88
8 040 25 032	**Universal head ± 90° adjustable ER 25 AX UT**	
	Weight [kg]:	4.660
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
8 040 25 040	**Universal head ± 90° adjustable ER 25 AX UT IC**	
	Weight [kg]:	3.500
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	88
8 049 24 000	**Universal head ± 90° adjustable ER 16**	
	Version:	360° turnable
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	95
8 210 26 011	**Tool holder HT 4 IC**	
	Weight [kg]:	1.270
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
8 210 26 012	**Tool holder HT 4 IC**	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
8 230 25 007	**Collet chuck holder ER 25**	
	Weight [kg]:	3.870
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
8 230 26 022	**Tool holder HT 4**	
	Weight [kg]:	3.940
	Version:	doubletoothed
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	HT- insert demountable
	Center distance [mm]:	100

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Part-#	Name	
8 230 26 023	**Tool holder HT 4**	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
8 230 28 003	**Boring bar holder Ø 32**	
	Weight [kg]:	4.455
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
8 231 25 000	**Collet chuck holder ER 25**	
	Weight [kg]:	3.880
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 231 26 011	**Tool holder HT 4**	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 234 22 003	**Tool holder B1-30x20x60**	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 239 26 013	**Double tool holder HT 4**	
	Employment for:	Main- and sub spindle
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Center distance [mm]:	100

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Part-#	Name	
8 239 27 006	**Double boring bar holder Ø 25**	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	100
8 239 28 000	**Double boring bar holder Ø 32**	
	Weight [kg]:	6.240
	Shank size [mm]:	30.00
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	100

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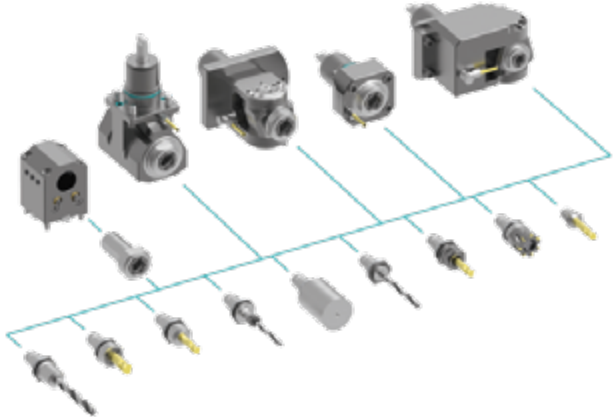
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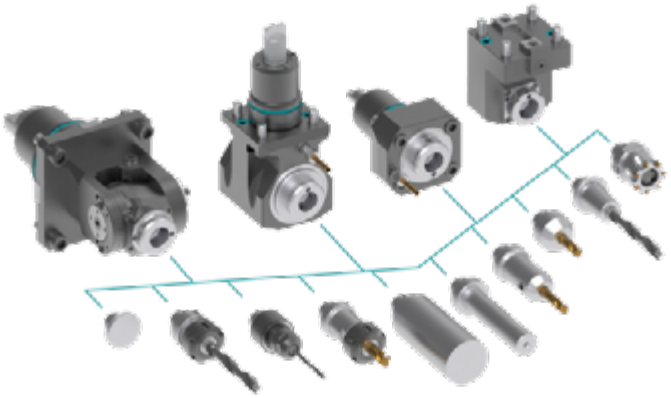
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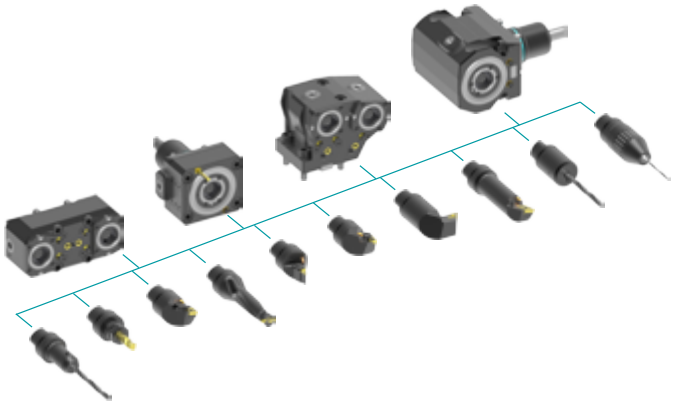
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