

DMG MORI
CTX beta 500 -
VDI 30



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 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
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

Part-#	Name	
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 25 004	Axial drilling and milling head ER 25	
	Weight [kg]:	4.440
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
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

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 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
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

Part-#	Name	
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
	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

Part-#	Name	
	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
	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

Part-#	Name
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
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

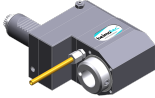
Part-#	Name	
8 030 25 087	Radial drilling and milling head ER 25	
	Weight [kg]:	3.580
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 25 092	Radial drilling and milling head ER 25	
	Weight [kg]:	3.520
	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]:	85
8 030 25 113	Radial drilling and milling head ER 25	
	Weight [kg]:	4.440
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	16
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	85
8 030 25 118	Radial drilling and milling head ER 25 AS IC	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	85

Part-#	Name	
8 030 25 126	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.980
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 25 136	Radial drilling and milling head ER 25 IC	
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	85
8 030 25 242	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.760
	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]:	85
8 030 25 267	Radial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	4.150
	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
	Pressure max [bar]:	140
	Please note:	stronger bearing

Part-#	Name	
	Center distance [mm]:	85
8 030 25 280	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.200
	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]:	64
8 030 25 323	Radial drilling and milling head ER 25 AX UT	
	Weight [kg]:	3.750
	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]:	85
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 26 054	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	5.060
	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

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	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
8 030 26 056	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	5.040
	Version:	right
	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:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
8 030 26 140	Radial drilling and milling head HT 4 IC air	
	Weight [kg]:	4.680
	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:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	85
8 031 24 029	Radial milling head universal arbor 16	
	Version:	left
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite

Part-#	Name	
	Coolant:	EXT
	Center distance [mm]:	85
8 031 24 046	Radial milling head universal arbor 16	
	Weight [kg]:	3.220
	Version:	right
	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]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	64
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
8 033 25 069	Radial drilling and milling head ER 25	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	97
	Offset [mm]:	34,5
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

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
8 033 26 008	Radial drilling and milling head HT 4	
	Weight [kg]:	4.020
	Notation:	offset
	Version:	left
	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
	Coolant:	EXT
	Center distance [mm]:	85
8 033 26 015	Radial drilling and milling head HT 4 IC air	
	Weight [kg]:	4.280
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	10000
	Rotating direction:	same
	Coolant:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	85
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

Part-#	Name	
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
	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

Part-#	Name	
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
	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

Part-#	Name	
	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
	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

Part-#	Name	
	Center distance [mm]:	100
8 039 25 054	Radial drilling and milling head ER 25	
	Weight [kg]:	4.070
	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]:	85
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
	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

Part-#	Name	
	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 26 025	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]:	85
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
8 040 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

Part-#	Name	
	Coolant:	EXT
	Please note:	Fixation 180° reversible
	Center distance [mm]:	64
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
	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

Part-#	Name	
	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
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

Part-#	Name
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
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


Part-#	Name	
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 25 038	Universal head ± 90° adjustable ER 25 AX UT	
	Weight [kg]:	4.890
	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
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	88
8 200 20 000	Plug Z2-30 K	
	Weight [kg]:	0.060
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 20 005	Plug Z2-30 S	
	Weight [kg]:	0.740
	Shank size [mm]:	30.00
	Shank type:	VDI

Part-#	Name	
8 202 20 012	Basic holder longitudinal seat FN 12	
	Weight [kg]:	1.160
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 209 22 000	Adapter for VDI 30	
	Weight [kg]:	4.000
	Version:	doubletoothed
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Center distance [mm]:	85
8 209 22 006	Adapter for VDI 30	
	Weight [kg]:	4.000
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 69880 - 30
	Coolant:	EXT
	Please note:	demountable in right version
	Center distance [mm]:	85
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
8 214 22 000	Tool holder C1-30x20/16	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 214 22 001	Tool holder C3-30x20/16	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

Part-#	Name	
8 215 22 000	Tool holder C2-30x20	
	Weight [kg]:	1.980
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 215 22 001	Tool holder C4-30x20	
	Employment for:	VDI 30
	Version:	left
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 230 25 005	Collet chuck holder ER 25	
	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]:	85
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 25 016	Boring bar holder Ø 16	
	Employment for:	Main- and sub spindle
	Version:	right / left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 25 020	Collet chuck holder ER 25	
	Employment for:	Heavy duty cutting
	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]:	85

Part-#	Name	
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
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 26 027	Boring bar holder Ø 20	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 26 030	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]:	85
8 230 26 033	Collet chuck holder ER 32	
	Employment for:	Heavy duty cutting
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 26 037	Tool holder HT 4	
	Employment for:	Heavy duty cutting
	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]:	85


Part-#	Name	
8 230 26 038	Tool holder HT 4	
	Employment for:	Heavy duty cutting
	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 27 032	Boring bar holder Ø 25	
	Employment for:	Heavy duty cutting
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
8 230 27 033	Boring bar holder Ø 25	
	Weight [kg]:	4.570
	Employment for:	Heavy duty cutting
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
8 230 27 057	Boring bar holder Ø 25	
	Weight [kg]:	4.110
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
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
8 230 28 022	Boring bar holder Ø 32	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in left version

Part-#	Name	
	Center distance [mm]:	85
8 230 28 030	Boring bar holder Ø 32	
	Weight [kg]:	3.710
	Employment for:	Heavy duty cutting
	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]:	85
8 230 28 031	Boring bar holder Ø 32	
	Weight [kg]:	4.400
	Employment for:	Heavy duty cutting
	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
8 230 29 003	Boring bar holder Ø 40	
	Weight [kg]:	3.900
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	85
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 25 011	Collet chuck holder ER 25	
	Employment for:	Heavy duty cutting
	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

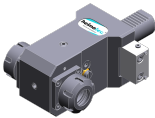
Part-#	Name	
8 231 26 011	Tool holder HT 4	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 231 26 016	Tool holder HT 4	
	Weight [kg]:	3.480
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 231 26 019	Collet chuck holder ER 32	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 231 26 020	Collet chuck holder ER 32	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 231 26 023	Tool holder HT 4	
	Employment for:	Heavy duty cutting
	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]:	85
8 231 26 024	Tool holder HT 4	
	Employment for:	Heavy duty cutting
	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


Part-#	Name	
8 231 26 027	Boring bar holder Ø 20	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 231 27 004	Boring bar holder Ø 25	
	Weight [kg]:	3.400
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 231 27 009	Boring bar holder Ø 25	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 231 27 010	Boring bar holder Ø 25	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
8 231 28 010	Boring bar holder Ø 32	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 231 28 023	Boring bar holder Ø 32	
	Weight [kg]:	3.720
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version


Part-#	Name	
	Center distance [mm]:	85
8 231 29 009	Boring bar holder Ø 40	
	Employment for:	Heavy duty cutting
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
8 234 22 000	Tool holder B3-30x20x40	
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 001	Tool holder B1-30x20x40	
	Employment for:	VDI 30
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 002	Tool holder B5-30x20x40	
	Weight [kg]:	1.790
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
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
8 234 22 004	Tool holder B3-30x20x60	
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 005	Tool holder B5-30x20x60	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT


Part-#	Name	
8 234 22 006	Tool holder B7-30x20x40	
	Weight [kg]:	1.960
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 007	Tool holder B7-30x20x60	
	Weight [kg]:	2.880
	Employment for:	VDI 30
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 014	Tool holder B1-30x20x80 special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 22 015	Tool holder B1-30x20x90 special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 234 24 003	Combi facing holder 30x20x 92	
	Weight [kg]:	4.750
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
8 235 22 000	Tool holder B2-30x20x40	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 001	Tool holder B2-30x20x60	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT

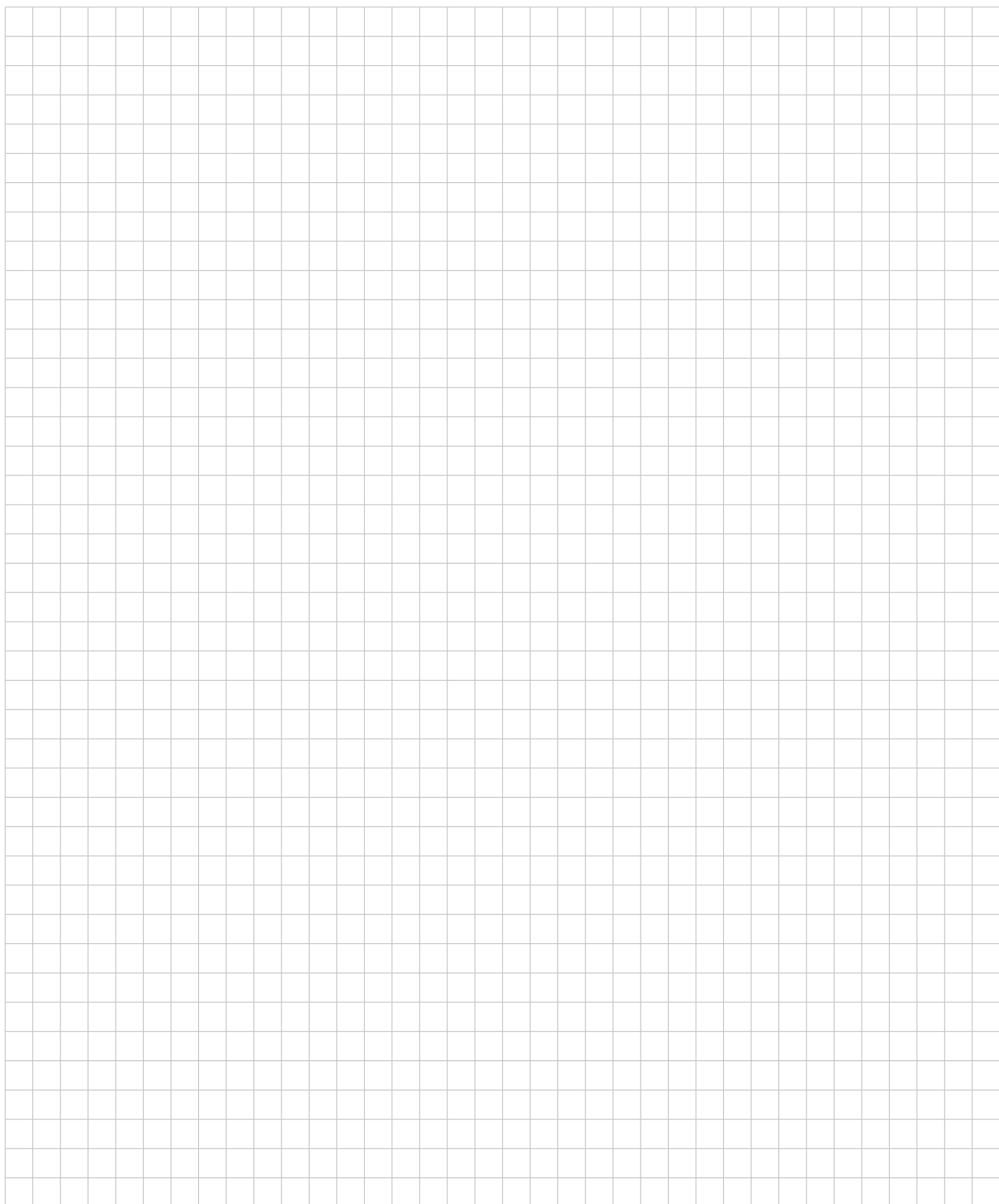
Part-#	Name	
8 235 22 002	Tool holder B4-30x20x40	
	Weight [kg]:	1.360
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 003	Tool holder B4-30x20x60	
	Employment for:	VDI 30
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 004	Tool holder B6-30x20x40	
	Weight [kg]:	1.860
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 005	Tool holder B6-30x20x60	
	Weight [kg]:	2.450
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 006	Tool holder B8-30x20x40	
	Weight [kg]:	1.880
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 235 22 007	Tool holder B8-30x20x60	
	Version:	Left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 239 25 014	Double collet chuck holder ER 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	85

Part-#	Name	
8 239 25 016	Double collet chuck holder ER 25 	Shank size [mm]: 30.00
		Shank type: VDI
		Tool adaption: ER 25
		Coolant: IC/Ext
		Center distance [mm]: 100
8 239 25 019	Double collet chuck holder ER 25	Employment for: Heavy duty cutting
		Shank size [mm]: 30.00
		Shank type: VDI
		Tool adaption: ER 25
		Coolant: IC/Ext
8 239 25 020	Double collet chuck holder ER 25	Weight [kg]: 3.910
		Employment for: Heavy duty cutting
		Shank size [mm]: 30.00
		Shank type: VDI
		Tool adaption: ER 25
8 239 26 013	Double tool holder HT 4	Coolant: IC/Ext
		Center distance [mm]: 100
		Employment for: Main- and sub spindle
		Shank size [mm]: 30.00
		Shank type: VDI
8 239 26 017	Double tool holder HT 4	Tool adaption: HT 4
		Coolant: IC/Ext
		Center distance [mm]: 85
		Shank size [mm]: 30.00
		Shank type: VDI
8 239 26 023	Double tool holder HT 4	Tool adaption: HT 4
		Coolant: IC/Ext
		Center distance [mm]: 85
		Employment for: Heavy duty cutting
		Shank size [mm]: 30.00
8 239 26 024	Double tool holder HT 4	Shank type: VDI
		Tool adaption: HT 4
		Coolant: IC/Ext
		Center distance [mm]: 100
		Employment for: Heavy duty cutting

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 27 012	Double boring bar holder Ø 25	
	Weight [kg]:	5.500	
	Employment for:	Heavy duty cutting	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	Ø 25	
	Coolant:	IC/Ext	
	Center distance [mm]:	85	
	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	
	8 239 28 002	Double boring bar holder Ø 32	
	Weight [kg]:	5.570	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	Ø 32	
	Coolant:	IC/Ext	
	Center distance [mm]:	85	
	8 239 28 010	Double boring bar holder Ø 32	
	Employment for:	Heavy duty cutting	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	Ø 32	
	Coolant:	IC/Ext	
	Center distance [mm]:	85	
	8 239 28 011	Double boring bar holder Ø 32	
	Weight [kg]:	5.900	
	Employment for:	Heavy duty cutting	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	Ø 32	
	Coolant:	IC/Ext	
	Center distance [mm]:	100	
	8 251 24 002	Combi double turning holder sq. 20	
	Weight [kg]:	4.600	
	Shank size [mm]:	30.00	
	Shank type:	VDI	
	Tool adaption:	Sq. 20	
	Coolant:	EXT	

Part-#	Name	
8 253 28 005	Double boring bar holder Ø 32	
	Weight [kg]:	4.660
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
		Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	60/102
8 262 29 011	Stock stop VDI 30 - Ø 60 OD turret	
	Weight [kg]:	4.540
	Notation:	rotating
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Length adjustable
	Center distance [mm]:	85
8 274 22 000	Tool holder D2-30x20	
	Weight [kg]:	2.220
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 274 22 001	Tool holder D1-30x20	
	Weight [kg]:	2.040
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20/16
	Coolant:	EXT
8 320 22 019	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.510
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 013	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.720
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 018	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.910
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext

Part-#	Name	
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 23 038	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.900
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal, check applicability!
8 320 29 002	Cut-off holder, height adjustable 845 IC	
	Weight [kg]:	1.630
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70



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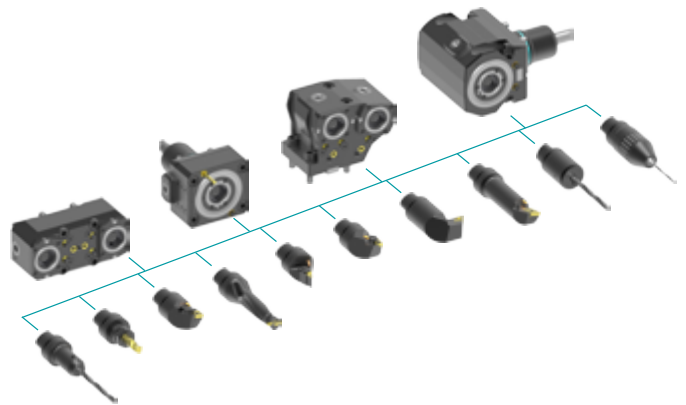
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