

Gildemeister
CTX 310 m.
Antrieb DIN
5482



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 22 004	Axial drilling and milling head Weldon 6	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 23 004	Axial drilling and milling head Weldon 8	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 8
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 24 002	Axial drilling and milling head ER 20	
	Weight [kg]:	1.400
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 24 022	Axial drilling head b 16 IC	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 238 - b 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
8 010 24 033	Axial drilling and milling head Weldon 10	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT

Part-#	Name	
8 010 24 036	Axial drilling and milling head Weldon 14	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 24 040	Axial drilling and milling head C 12	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 24 055	Axial drilling and milling head ER 16	
	Weight [kg]:	1.900
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 25 000	Axial drilling and milling head ER 25	
	Weight [kg]:	1.480
	Tool drive:	DIN 5482
	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
8 010 25 006	Axial drilling and milling head ER 25 AX UT IC	
	Weight [kg]:	1.630
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext

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Part-#	Name	
	Pressure max [bar]:	25
	Please note:	round housing Ø 68
8 010 25 018	Axial drilling and milling head ER 25 IC air	
	Weight [kg]:	1.910
	Tool drive:	DIN 5482
	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:	same
	Coolant:	IC air
	Pressure max [bar]:	10
8 010 25 042	Axial drilling and milling head ER 25 IC	
	Weight [kg]:	1.710
	Tool drive:	DIN 5482
	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 25 043	Axial drilling and milling head Weldon 16 IC	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 25 061	Axial drilling and milling head ER 25	
	Weight [kg]:	3.400
	Version:	Special
	Tool drive:	DIN 5482
	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:	same
	Coolant:	EXT
	Please note:	stronger bearing, extended housing

Part-#	Name	
8 010 25 132	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	1.660
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 68; stronger bearing
8 010 26 002	Axial drilling and milling head Weldon 20	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing Ø 68, stronger bearing
8 010 26 011	Axial drilling and milling head HT 4 IC	
	Weight [kg]:	1.640
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 68
8 010 26 016	Axial drilling and milling head HT 4	
	Weight [kg]:	1.410
	Tool drive:	DIN 5482
	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

Part-#	Name	
8 010 26 021	Axial drilling and milling head ER 32 IC	
	Weight [kg]:	2.800
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
8 010 26 028	Axial drilling and milling head HT 4 IC air	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC air
	Pressure max [bar]:	10
8 011 24 000	Axial milling head universal arbor 16	
	Weight [kg]:	1.940
	Tool drive:	DIN 5482
	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
	Coolant:	EXT
8 011 25 004	Axial milling head universal arbor 22	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
8 011 26 000	Axial milling head universal arbor 27	
	Weight [kg]:	2.480
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 27
	Gear ratio [i]:	1:1

Part-#	Name
	Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: stronger bearing
8 013 24 003	Axial drilling and milling head ER 20 AX IC
	Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: ER 20 A Gear ratio [i]: 1:3 Torque max [Nm]: 5 Rotation max [1/min]: 15000 Rotating direction: same Coolant: IC air Pressure max [bar]: 10
8 013 24 005	Axial drilling and milling head ER 20 AS
	Weight [kg]: 3.620 Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: ER 20 A Gear ratio [i]: 1:3 Torque max [Nm]: 6 Rotation max [1/min]: 15500 Rotating direction: same Coolant: EXT
8 013 24 016	Axial drilling and milling head ER 20 AX IC
	Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: ER 20 A Gear ratio [i]: 1:3 Torque max [Nm]: 5 Rotation max [1/min]: 15000 Rotating direction: same Coolant: IC/Ext Pressure max [bar]: 25
8 013 25 000	Axial drilling and milling head ER 25
	Version: right Tool drive: DIN 5482 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

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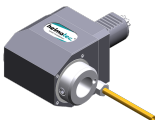
Part-#	Name
8 013 26 000	Axial drilling and milling head ER 32
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 30.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 4:1
	Torque max [Nm]: 64
	Rotation max [1/min]: 1000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
8 014 26 000	Axial milling head universal arbor 27
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 30.00
	Shank type: VDI
	Tool adaption: Universal arbor 27
	Gear ratio [i]: 4:1
	Torque max [Nm]: 64
	Rotation max [1/min]: 1000
	Rotating direction: same
	Coolant: EXT
	Please note: stronger bearing
8 019 24 030	Axial milling head universal arbor 16
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 30.00
	Shank type: VDI
	Tool adaption: Universal arbor 16
	Gear ratio [i]: 2:1
	Torque max [Nm]: 40
	Rotation max [1/min]: 3000
	Rotating direction: opposite
	Coolant: EXT
	Offset [mm]: 34,5
8 019 24 035	Axial drilling and milling head ER 20 IC
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	Shank size [mm]: 30.00
	Shank type: VDI
	Tool adaption: ER 20
	Gear ratio [i]: 1:3
	Torque max [Nm]: 6
	Rotation max [1/min]: 15000
	Rotating direction: opposite
	Coolant: IC/Ext
	Pressure max [bar]: 25
	Offset [mm]: 34,5

Part-#	Name	
8 019 25 002	Axial drilling and milling head ER 25	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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
	Offset [mm]:	34,5
8 019 25 013	Axial drilling and milling head ER 25	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	opposite
	Coolant:	EXT
	Offset [mm]:	34,5
8 019 25 014	Axial drilling and milling head ER 25 IC	
	Weight [kg]:	4.060
	Notation:	offset
	Tool drive:	DIN 5482
	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]:	4000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 25 015	Axial drilling and milling head ER 25 IC	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	IC/Ext
	Pressure max [bar]:	25
	Offset [mm]:	34,5

Part-#	Name	
8 019 25 019	Axial milling head universal arbor 22	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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
8 030 24 010	Radial drilling and milling head ER 20	
	Weight [kg]:	2.500
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	54
8 030 24 026	Radial drilling and milling head ER 20 IC	
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Coolant:	IC
	Please note:	IC for air
8 030 24 043	Radial drilling and milling head ER 20 IC	
	Weight [kg]:	2.760
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	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]:	54
8 030 24 104	Radial drilling and milling head ER 20	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	54
8 030 25 001	Radial drilling and milling head ER 25	
	Weight [kg]:	2.550
	Version:	right
	Tool drive:	DIN 5482
	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]:	54
8 030 25 020	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	2.950
	Version:	right
	Tool drive:	DIN 5482
	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]:	54
8 030 25 043	Radial drilling and milling head Weldon 16 IC	
	Weight [kg]:	3.180
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	54
8 030 25 044	Radial drilling and milling head ER 25	
	Weight [kg]:	3.420
	Version:	right
	Tool drive:	DIN 5482
	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

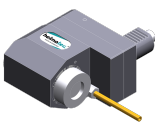
Part-#	Name
	Rotating direction: opposite Coolant: EXT Center distance [mm]: 66
8 030 25 110	Radial drilling and milling head ER 25 IC
	Weight [kg]: 3.980 Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: ER 25 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 3000 Rotating direction: opposite Coolant: IC/Ext Pressure max [bar]: 25 Center distance [mm]: 66
8 030 25 285	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 2.760 Version: right Tool drive: DIN 5482 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]: 54
8 030 25 290	Radial drilling and milling head ER 25 AX UT IC
	Weight [kg]: 2.980 Version: right Tool drive: DIN 5482 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 Center distance [mm]: 54
8 030 26 021	Radial drilling and milling head HT 4 IC
	Weight [kg]: 2.910 Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: HT 4 Gear ratio [i]: 1:1 Torque max [Nm]: 25

Part-#	Name	
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	54
8 030 26 027	Radial drilling and milling head HT 4	
	Weight [kg]:	2.520
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	54
8 030 26 136	Radial drilling and milling head ER 32 AX	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32 A
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	66
8 030 26 158	Radial drilling and milling head ER 32 IC	
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	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]:	54
8 031 24 009	Radial milling head universal arbor 16	
	Weight [kg]:	2.520
	Version:	right
	Tool drive:	DIN 5482
	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

Part-#	Name	
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	54
8 031 25 000	Radial milling head universal arbor 22	
	Weight [kg]:	3.040
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	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]:	54
8 031 25 003	Radial milling head universal arbor 22	
	Weight [kg]:	3.900
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	66
8 033 24 006	Radial drilling and milling head ER 20	
	Weight [kg]:	3.560
	Notation:	offset
	Tool drive:	DIN 5482
	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
	Coolant:	EXT
	Center distance [mm]:	75
8 033 24 010	Radial drilling and milling head ER 20 IC	
	Weight [kg]:	4.000
	Notation:	offset
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	8000
	Rotating direction:	same

Part-#	Name	
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	High pressure version
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 033 25 001	Radial drilling and milling head ER 25	
	Weight [kg]:	3.640
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 033 25 003	Radial drilling and milling head ER 25 IC air	
	Weight [kg]:	4.120
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	same
	Coolant:	IC air
	Pressure max [bar]:	10
	Center distance [mm]:	75
8 033 25 009	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	3.960
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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]:	75
	Offset [mm]:	34,5

Part-#	Name
8 033 25 011	Radial drilling and milling head ER 25
	Weight [kg]: 4.540
	Tool drive: DIN 5482
	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
8 033 25 021	Radial drilling and milling head ER 25 IC
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	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: IC/Ext
	Pressure max [bar]: 25
	Center distance [mm]: 87
8 033 25 087	Radial drilling and milling head ER 25 AX UT
	Weight [kg]: 3.870
	Notation: offset
	Version: right
	Tool drive: DIN 5482
	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: EXT
	Please note: stronger bearing
	Center distance [mm]: 75
8 033 26 000	Radial drilling and milling head ER 32
	Weight [kg]: 6.460
	Notation: offset
	Tool drive: DIN 5482
	Shank size [mm]: 30.00
	Shank type: VDI
	Tool adaption: ER 32
	Gear ratio [i]: 3,012:1
	Torque max [Nm]: 50
	Rotation max [1/min]: 2000
	Rotating direction: same
	Coolant: EXT

Part-#	Name	
8 033 26 006	Radial drilling and milling head ER 32 IC	
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	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:	stronger bearing
	Center distance [mm]:	75
8 033 26 029	Radial drilling and milling head HT 4	
	Weight [kg]:	3.630
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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]:	75
8 033 26 032	Radial drilling and milling head HT 4 IC	
	Weight [kg]:	4.010
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	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:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	75
	Offset [mm]:	34,5
8 033 26 068	Radial drilling and milling head ER 32	
	Weight [kg]:	4.220
	Notation:	offset
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25

Part-#	Name
	Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: stronger bearing Center distance [mm]: 75
8 033 27 000	Radial drilling and milling head Weldon 1" IC
	Version: Special Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: Weldon (DIN 1835 b) 1" (25,4mm) Gear ratio [i]: 3:1 Torque max [Nm]: 50 Rotation max [1/min]: 2000 Rotating direction: same Coolant: IC/Ext
8 034 24 009	Radial milling head universal arbor 16
	Weight [kg]: 4.820 Notation: offset Version: right Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: Universal arbor 16 Gear ratio [i]: 2:1 Torque max [Nm]: 32 Rotation max [1/min]: 3000 Rotating direction: same Coolant: EXT Center distance [mm]: 87
8 034 25 003	Radial milling head universal arbor 22
	Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: Universal arbor 22 Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: same Coolant: EXT Please note: stronger bearing
8 037 29 023	Radial disk mill head shaft diameter 10-22
	Weight [kg]: 9.280 Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: Interchangeable arbor Gear ratio [i]: 3:1 Torque max [Nm]: 50 Rotation max [1/min]: 2000 Rotating direction: opposite Coolant: EXT Please note: Price without arbor

Part-#	Name	
8 037 29 024	Radial disk mill head shaft diameter 10-22	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	3:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
8 037 29 025	Radial disk mill head shaft diameter 10-22	
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	3:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
8 037 29 034	Radial disk mill head shaft diameter 10-22	
	Weight [kg]:	9.280
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	3:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	2000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Price without arbor
8 038 24 005	Radial drilling and milling head ER 20	
	Tool drive:	DIN 5482
	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]:	5000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Special version
8 038 25 000	Radial drilling and milling head ER 25	
	Weight [kg]:	4.260
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	DIN 5482
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1

Part-#	Name
	Torque max [Nm]: 16 Rotation max [1/min]: 5000 Rotating direction: same Coolant: EXT
8 038 25 003	Radial drilling and milling head ER 25
	Notation: Y-axes adjustable Tool drive: DIN 5482 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]: 5000 Rotating direction: same Coolant: EXT
8 039 24 010	Radial drilling and milling head ER 20 AX
	Weight [kg]: 5.360 Notation: 135° angle Version: Special Tool drive: DIN 5482 Shank size [mm]: 30.00 Shank type: VDI Tool adaption: ER 20 A Gear ratio [i]: 1:1 Torque max [Nm]: 16 Rotation max [1/min]: 6000 Rotating direction: opposite Coolant: EXT
8 040 25 027	Universal head ± 90° adjustable ER 25 AX UT
	Tool drive: DIN 5482 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]: 87
8 200 20 000	Plug Z2-30 K
	Weight [kg]: 0.060 Shank size [mm]: 30.00 Shank type: VDI
8 200 20 002	Tool holder A2-30x100
	Weight [kg]: 3.120 Shank size [mm]: 30.00 Shank type: VDI

Part-#	Name	
8 200 20 005	Plug Z2-30 S	
	Weight [kg]:	0.740
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 20 008	Tool holder A2-30x240	
	Weight [kg]:	7.160
	Shank size [mm]:	30.00
	Shank type:	VDI
8 200 23 000	Tool holder A1-30x 85	
	Weight [kg]:	6.900
	Shank size [mm]:	30.00
	Shank type:	VDI
8 202 23 000	Basic holder transversal set SZ 40	
	Weight [kg]:	0.890
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interface SZ 40
	Coolant:	EXT
8 210 21 000	Tool holder F 30-MK 1	
	Weight [kg]:	0.960
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 1
	Coolant:	IC
8 210 22 000	Tool holder F 30-MK 2	
	Weight [kg]:	0.880
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 2
	Coolant:	IC
8 210 22 002	Tool holder E2-30x 6	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 6
	Coolant:	IC/Ext
8 210 23 000	Tool holder F 30-MK 3	
	Weight [kg]:	1.340
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 228 D - MK 3
	Coolant:	IC
8 210 23 001	Tool holder E2-30x 8	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 8
	Coolant:	IC/Ext

Part-#	Name	
8 210 23 007	Short drill chuck VDI 30x 8	
	Weight [kg]:	0.940
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 23 009	Short drill chuck VDI 30x 8 - IC	
	Weight [kg]:	1.000
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 24 002	Tool holder E2-30x12	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC/Ext
8 210 24 003	Short drill chuck VDI 30x13	
	Weight [kg]:	2.100
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 24 010	Tool holder E1-30x10	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 10
	Coolant:	IC
8 210 24 011	Tool holder E1-30x12	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 12
	Coolant:	IC
8 210 24 014	Short drill chuck VDI 30x13 - IC	
	Weight [kg]:	1.820
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 24 015	Tool holder E1-30x14	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC
8 210 24 021	Tool holder E2-30x14	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 14
	Coolant:	IC/Ext

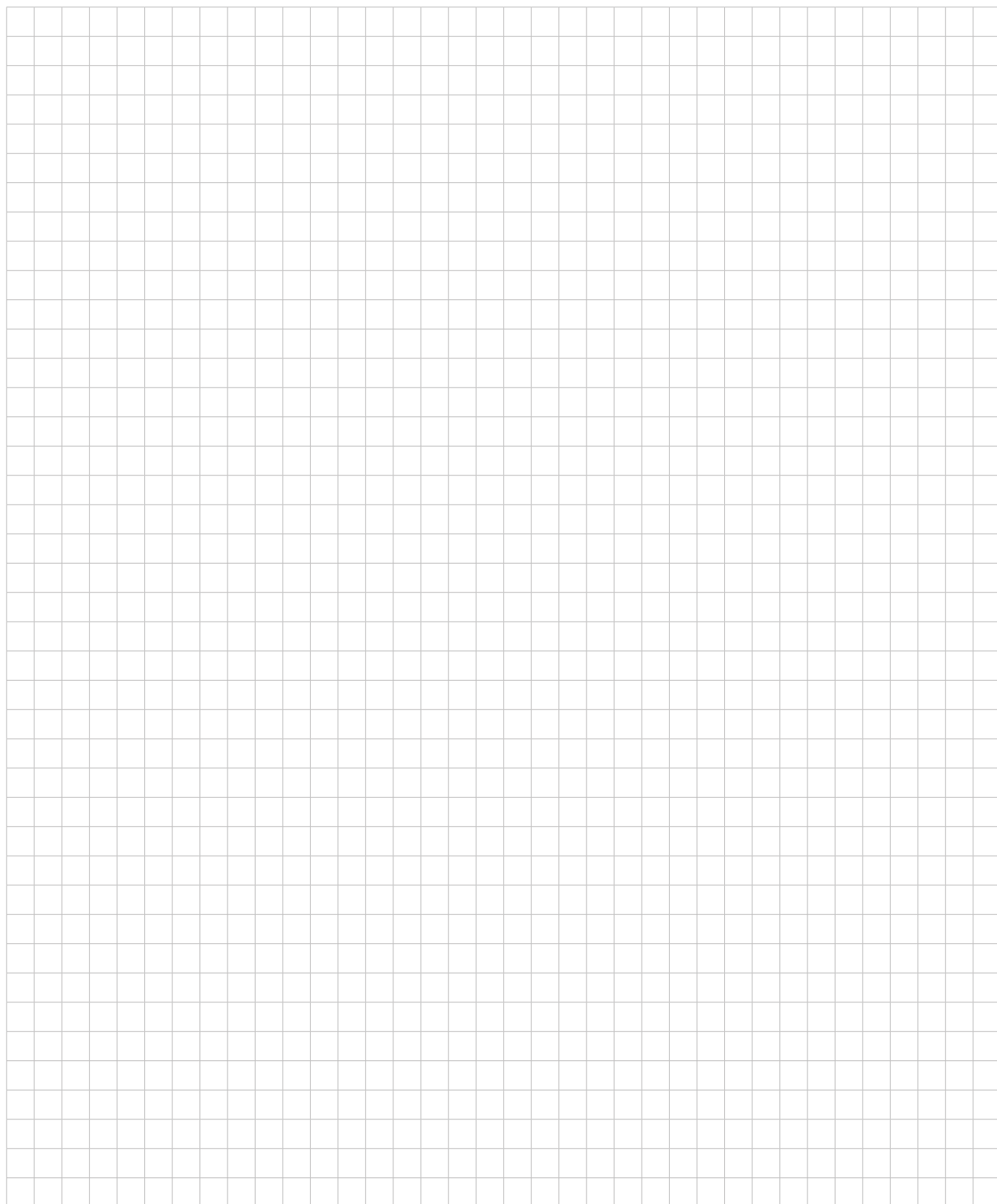
Part-#	Name	
8 210 25 001	Tool holder E4-30xER 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
8 210 25 002	Tool holder E2-30x16	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
8 210 25 004	Tool holder E1-30x16	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 16
	Coolant:	IC
8 210 25 009	Short drill chuck VDI 30x16	
	Weight [kg]:	2.100
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT
8 210 25 013	Short drill chuck VDI 30x16 - IC	
	Weight [kg]:	1.880
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	IC
8 210 25 016	Tool holder E2-30x18	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 18
	Coolant:	IC/Ext
8 210 25 017	Tool holder E4-30xER 25 - special	
	Weight [kg]:	0.980
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC
	Please note:	Special
8 210 25 024	Tool holder ER 25 AX UT IC	
	Weight [kg]:	1.050
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Coolant:	IC/Ext
8 210 26 001	Tool holder E1-30x20	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC

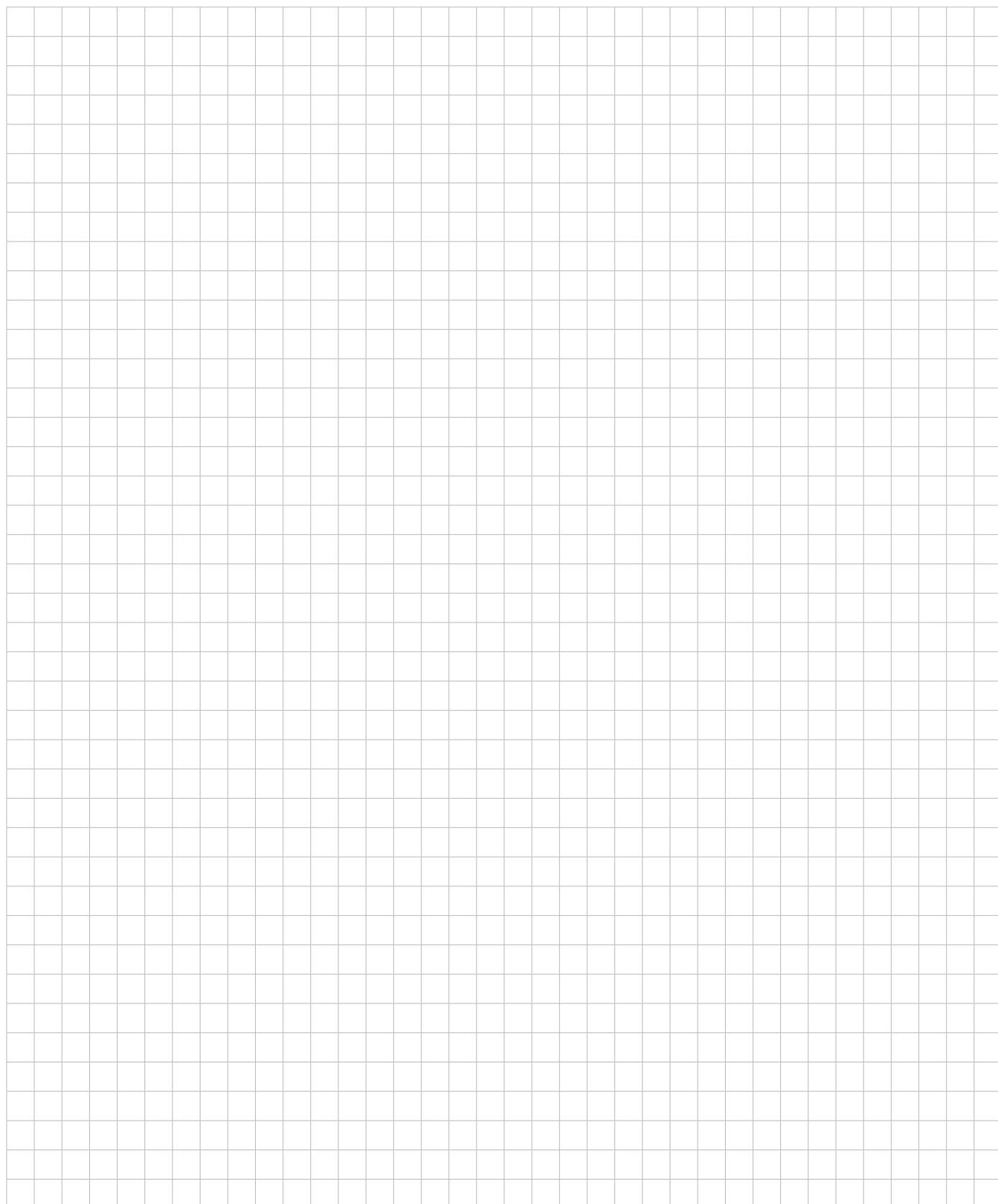
Part-#	Name	
8 210 26 002	Tool holder E2-30x20	
	Weight [kg]:	1.380
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
8 210 26 005	Tool holder E4-30xER 32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC
8 210 26 011	Tool holder HT 4 IC	
	Weight [kg]:	1.270
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
8 210 27 002	Tool holder E2-30x25	
	Weight [kg]:	1.320
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
8 210 27 005	Tool holder E1-30x25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC
8 210 27 007	Tool holder E3-30x C 25	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	DIN 6388 - C 25
	Coolant:	IC
8 210 27 008	Tool holder E4-30xER 40	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 40
	Coolant:	IC
8 210 27 015	Tool holder E2-30x1" special	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 1" (25,4mm)
	Coolant:	IC/Ext
8 210 28 001	Tool holder E1-30x32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC

Part-#	Name	
8 210 28 002	Tool holder E2-30x32	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
8 210 29 001	Tool holder E1-30x40	
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC
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
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

Part-#	Name	
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
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
8 262 29 000	Stock stop VDI 30 - Ø 42	
	Weight [kg]:	0.920
	Notation:	rotating
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Lenght adjustable 62-95mm
8 262 29 003	Stock stop VDI 30 - Ø 60	
	Weight [kg]:	1.180
	Notation:	rotating
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Lenght adjustable 62-95mm

Part-#	Name	
8 267 29 000	Bar pick-up VDI 30 offset	
	Weight [kg]:	1.450
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Please note:	Chuck jaws 42-65 mm special accessories
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 22 018	Cut-off holder, height adjustable SH 26 IC	
	Weight [kg]:	1.780
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 23 012	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.770
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 29 005	Cut-off holder, height adjustable 845 IC	
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70
8 742 20 000	Clamping ring Z1- VDI 30	
	Weight [kg]:	0.420
	Shank size [mm]:	30.00
	Shank type:	VDI
	Coolant:	EXT





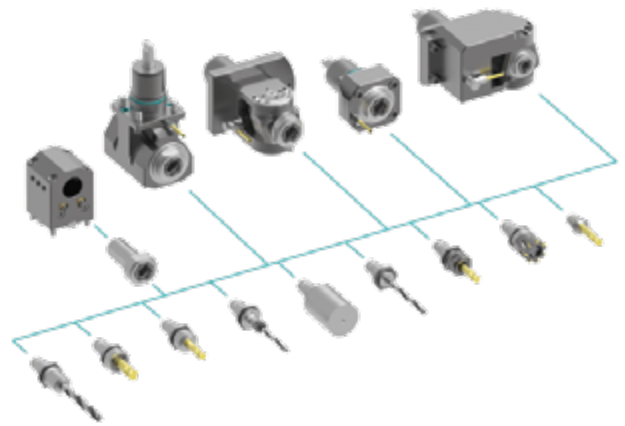
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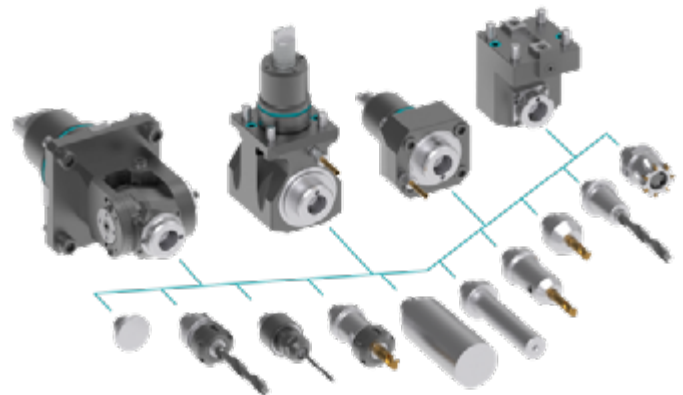
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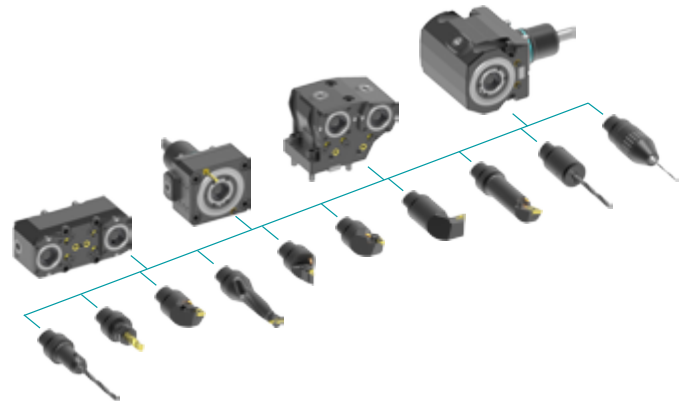
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