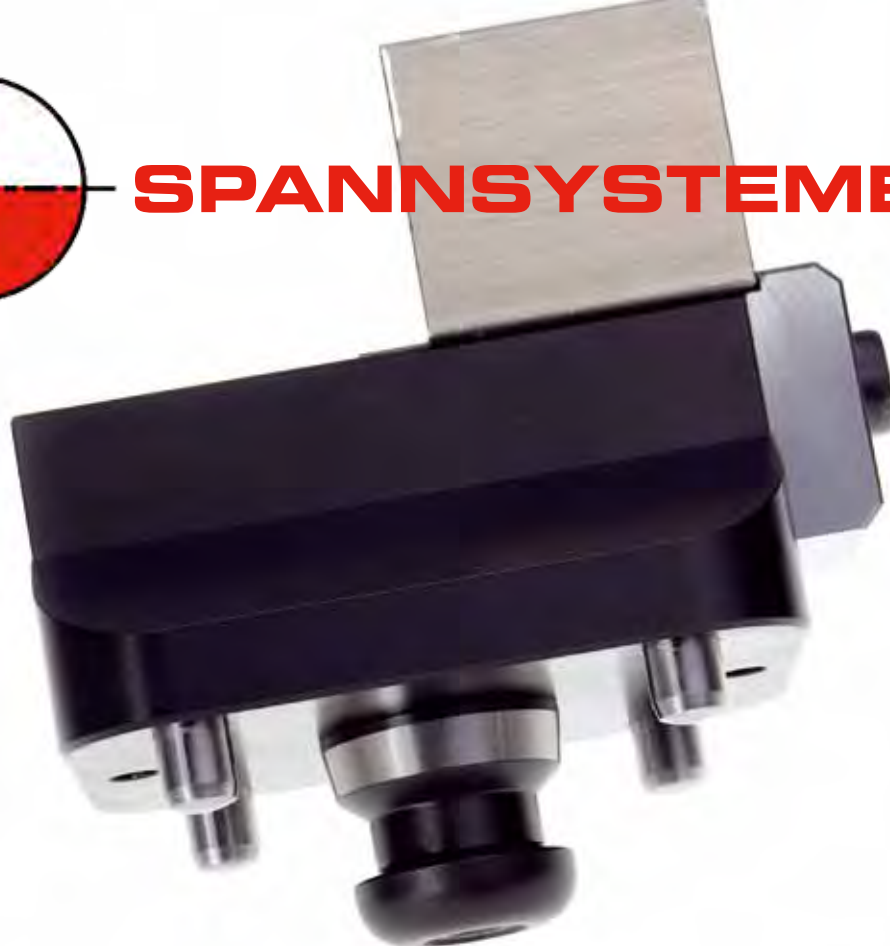


SPANNSYSTEME



Zeropoint clamping

Clamping towers

Clamping stations

Clamping pallets

Magnet clamping

Vacuum clamping

Mechanical clamping



innotool[®]

austria



ESTD. 1996
by innotool austria

Preface

*„Our focus is the development of new technologies
and the manufacturing of highest quality solutions
to support your precision.“ (Johann Supanz, CEO)*

innotool austria has formed over the years to specialize in solutions for manufacturing process. Core competences are construction and development of new products. The following focal points are important for us:

- Innovative solutions in order to optimize your production
- High quality products at economic prices
- Development, construction, production and testing done in-house
- Flexible manufacturing capabilities, modern machines and strong partners guarantee high quality in μ -machining
- Time savings during production because of zero point clamping systems, sophisticated applications and pallet systems

All innotool austria products are assembled, tested and shipped from our headquarter in Altsch which guarantees continuous quality assurance.

FOR YOUR PRECISION



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A C C E S S O R I E S



UNILOCK Accessory Chuck fixations / Indexing

Item No.	Description
UL500.218	Assembly kit for ASM 120, ASH 120 Grid 30
UL500.219	Assembly kit for ASM 120, ASH 120 Grid 40
UL500.220	Assembly kit for ASM 120, ASH 120 Grid 50
UL500.225	BRR 50 Assembly piece for DUO
UL500.226	BRR 50 Assembly kit for DUO (Kit = 4 pieces)
UL500.227	Assembly kit for combining 2 UNILOCK DCM 200

Item No.	Description
UL500.202	ZKB 138, Centering calotte bracket incl. 3x Centering calotte and 2x Mounting screws
UL500.686	ZKB 138/1, Centering calotte bracket incl. 1x Centering calotte 1x Pass bushing, 2x Mounting screws
UL500.216	VSB 12 for ESM 176V: Index bushing for chuck-angle-orientation
UL500.199	ZKA 12, Centering calotte bushing for radial positioning (dowel pin indexing)

UL500.207	Index knob for ESM 176-V (Ø 25H6, hardened, grinded) incl. ball implementation (Pilz)
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UL500.203	Index pin for pallet indexing (Ø 12x36, hardened, grinded)
UL500.204	Orientation pin for ground plates (Ø 12x50, hardened, grinded)
UL500.205	Orientation pin for ground plates (Ø 14x50, hardened, grinded)
UL500.206	Orientation pin for ground plates, Lock thread M10 (Ø 18x60, hardened, grinded)
60360	Shoulder dowel pin for T-Slot nut 8mm Ø 8x12mm
60361	Shoulder dowel pin for T-Slot nut 12mm Ø 12x16mm
60362	Shoulder dowel pin for T-Slot nut 14mm Ø 14x20mm
60363	Shoulder dowel pin for T-Slot nut 16mm Ø 16x22mm
60364	Shoulder dowel pin for T-Slot nut 18mm Ø 18x25mm





UNILOCK Accessory Protection covers

Item No.	Description
UL500.232	Interface cover-clamping knob, aluminum Ø 40mm
UL500.233	Interface cover-clamping knob kit, aluminum Ø 40mm (Kit = 4 pieces)
UL500.241	Assembly chuck dirt-cover, aluminum, Ø 120mm
UL500.242	Installation chuck dirt-cover, aluminum, Ø 138mm
UL500.229	Mono chuck dirt-cover, aluminum Ø 170mm
UL500.230	Installation chuck dirt-cover, aluminum, Ø 176mm
UL500.235	Dirt-cap-kit for mountingscrews for ESM 138, black (Kit = 60 pieces)
UL500.245	Centering calotte cover, brazen, for ZKA 12
UL500.246	Stepped bore hole covers for M10 brazen, with O-Ring
UL500.247	Stepped bore hole covers for M12 brazen, with O-Ring
UL500.248	Stepped bore hole covers for M16 brazen, with O-Ring
UL500.249	Stepped bore hole covers for M20 brazen, with O-Ring
UL500.250	Stepped bore hole covers for M24 brazen, with O-Ring
UL500.787	Slide wedges cover for ESM 138



UNILOCK Accessory Maintenance kits / sealings

Item No.	Description
UL500.298	Wearing unit for ASM 90 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.312	Wearing unit for ESM 100/75 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.300	Wearing unit for ASM 120 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.303	Wearing unit for ESM 138 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.304	Wearing unit for ESM 138 STAINLESS, consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.306	Wearing unit for EFM 138 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.308	Wearing unit for MSM 170 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring
UL500.310	Wearing unit for ESM 176 consisting of: spring kit (screw, spring, O-Ring) slide wedge O-Ring, piston O-Ring



Item No.	Description
UL500.317	Plane O-Ring for ASM + ASH 120, ESM 138 95x3mm (Kit = 10 pieces)
UL500.318	Plane O-Ring for MSM 170 130x3mm (Kit = 10 pieces)
UL500.319	Plane O-Ring for ESM 176 115x3mm (Kit = 10 pieces)
UL500.320	Plane O-Ring for ASM 90 50x3mm (Kit = 10 pieces)
UL500.323	Installation O-Ring for ASM 120 120x2mm (Kit = 10 pieces)
UL500.322	Installation O-Ring for EFM 138 110x1,5mm (Kit = 10 pieces)
UL500.321	Installation O-Ring for ESM 138 140x2mm (Kit = 10 pieces)
UL500.324	Plane connection for ESM 138, MSM 170, ESM 176, 8x2mm (Kit = 10 pieces)
UL500.325	Plane connection for ASM 90, ASM 120 5x1,2mm (Kit = 10 pieces)
UL500.326	Plane connection for ESM 100/75, EFM 138 5x1,5mm (Kit = 10 pieces)





UNILOCK Accessory Pneumatic connections

Item No.	Description
UL500.284	PAD-1, plate connector G 1/4" - G 1/8" with 2 exits G1/8", connection thread G1/4" incl. 2 mounting screws M 4
UL500.285	PAD-2, plate connector G 1/4" - G 1/4" with 1 exit G1/4", connection thread G1/4" incl. 2 mounting screws M 4
UL500.278	BAD-G, Bottom-connect-adaptor + straight screw-in plug connector, O-Ring, 2 mounting screws
UL500.279	BAD-LL, Bottom-connect-adaptor + LL with T-connector, O-Ring, 2 mounting screws
UL500.280	BAD-LR, Bottom-connect-adaptor + LR with T-connector, O-Ring, 2 mounting screws
UL500.281	BAD-T, Bottom-connect-adaptor + T-screw-in plug connector, O-Ring, Pin plug, 2 mounting screws
UL500.345	Straight screw-in plug connector G 1/4" for air tube 6/4
UL500.346	Straight screw-in plug connector G 1/4" for air tube 8/6
UL500.347	Straight screw-in plug connector G 1/8" for air tube 6/4
UL500.348	Straight screw-in plug connector with inside thread G 1/4" for air tube 6/4
UL500.349	Straight screw-in plug connector with inside thread G 1/4" for air tube 8/6
UL500.350	Straight screw-in plug connector with inside thread G 1/8" for air tube 6/4
UL500.354	Angle screw-in plug connector, pivoting, G 1/4" for air tube 6/4
UL500.355	Angle screw-in plug connector, pivoting, G 1/4" for air tube 8/6
UL500.356	Angle screw-in plug connector, pivoting, G 1/8" for air tube 6/4
UL500.363	Angle connector M 5, pivoting, for air tube 4/2, small version
UL500.364	Angle connector M7, pivoting, for air tube 6/4, ISK, small version
UL500.365	Angle connector G 1/8", pivoting, for air tube 6/4, ISK, small version
UL500.366	Angle connector G 1/4", pivoting, for air tube 8/6, small version



UNILOCK Accessory Pneumatic connections

Item No.	Description
UL500.367	T-connector M7, pivoting for air tube 6/4, small version
UL500.688	T-connector, G 1/8", pivoting small version
UL500.689	T-connector, G 1/4", pivoting small version
UL500.360	T-screw-in plug connector G 1/4" pivoting for air tube 6/4
UL500.361	T-screw-in plug connector G 1/4", pivoting for air tube 8/6
UL500.362	T-screw-in plug connector G 1/8", pivoting for air tube 6/4
NT001.974	Check valve
UL500.292	Flatface plug (male), Type Wagener, NW 8, G 1/4"
UL500.293	Flatface sleeve (female), Type Wagener, NW 8, G 1/4"
UL500.294	Flatface plug (male), Type Wagener, NW 5, G 1/8"
UL500.295	Flatface sleeve (female), Type Wagener, NW 5, G 1/8"
UL500.374	Y-circuit connectors air tube 1x 8/ 2x6
UL500.784	Y-circuit connectors air tube 1x 6/ 2x6
UL500.785	Y-circuit connectors air tube 1x 8/ 2x8
UL500.369	T-circuit connectors air tube 6/4
UL500.370	T-circuit connectors air tube 8/6
UL500.371	Cross circuit connectors air tube 6/4
UL500.372	Cross circuit connectors air tube 8/6
UL500.382	Connector plug for circuit connectors Foot valve Ø 6
UL500.786	Connector plug for circuit connectors Foot valve Ø 8





UNILOCK Accessory Pneumatic valves / tubes

Item No.	Description
UL500.383	Screw plug G 1/8", short, straight
UL500.384	Screw plug G 1/8", short, conical
UL500.385	Screw plug G 1/4", short, straight
UL500.386	Screw plug G 1/4", short, conical
UL500.389	Valve-preselect-screw M 8 in air-control bar incl. O-Ring 9x2mm (Kit = 10 pieces)
UL500.390	O-Ring for valve-preselect-screw (Ø 4x3mm) (kit = 10 pieces)
UL500.266	Foot valve with plug-connection, solid version for air tube Ø 6/4
UL500.264	Hand valve, hub-pull feeler 5/2 ways, G 1/4" (Solid version)
UL500.265	Hand valve, hub-pull feeler 3/2 ways, G 1/8"
UL500.273	Ball valve brazen, nickel-plated, full passage for G 1/2"
UL500.274	Ball valve brazen, nickel-plated, full passage for G 1/4"
UL500.275	Ball valve brazen, nickel-plated, full passage for G 3/8"
UL500.387	Exhaust air - screw-in silencer G 1/8"
UL500.388	Exhaust air - screw-in silencer G 1/4"
UL500.282	LBV 9, air terminal blocks (1x G1/4", 9x G1/8")
UL500.283	LBV 13, air terminal blocks (1x G1/4", 13x G1/8")
UL500.287	Air tube 6/4, black
UL500.288	Air tube 6/4, blue
UL500.289	Air tube 8/6, black
UL500.290	Air tube 8/6, blue





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