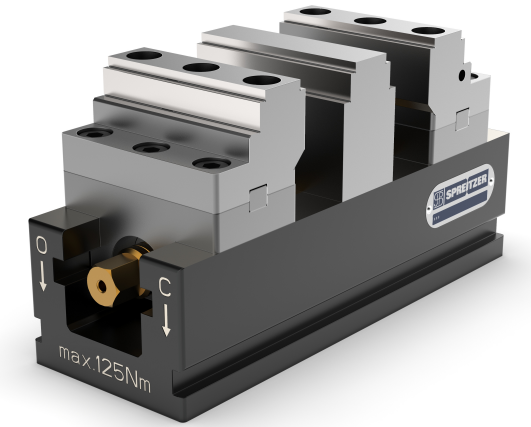
Mechanical double vise MDU

The mechanical double vises MDU allow secure and precise clamping of two work□pieces to the defined fixed stop. Due to the special mounting of the spindle, workpieces with a difference in length of up to 2 mm can be clamped. The extensive jaw program of reversible top jaws provides maximum flexibility and optimum accessibility especially on multi-axis machining centers. Due to the variable step form of the reversible top jaws with 3 ground clamping steps, a maximum clamping range can be covered.
Third hand function: The first workpiece is already held, while the second workpiece is fixed during further rotation of the spindle



Fields of application areas

- Large series production
- Clamping from outside to inside (external clamping)

Scope of delivery

- 1 Double vise with operating instructions

Accessories

- Clamping jaws
- General accessories

Web

See below for more details and accessories
https://produkte.spreitzer.de/en/clamping/compact-vises-stationary-workholding/mechanical-double-vises-and-compact-vises/mechanical-double-vise-mdu-212.

Strong Points

+ Clamping of two workpieces against a fixed stop
+ Wide clamping range by reversible top jaws
+ Highest flexibility

Main application

- Pallet Automation
- Precision Clamping
- Blank Clamping

Design

- [x] Open, Optimized For Chip Evacuation

Material

- Tempered tool steel

Finish

- Surface hardened
- Functional surfaces precision grinded
- Hardened spindle
- Ground in base jaws

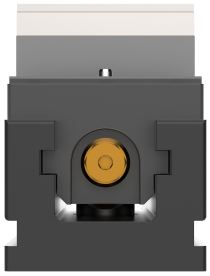
Accuracy

- Pairing accuracy 0,02 mm

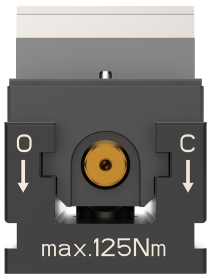
Practical advice

- All clamping jaw variants of the MZU centric vise series can be used on the MDU double vise. The clamping jaw connection is 100% compatible.

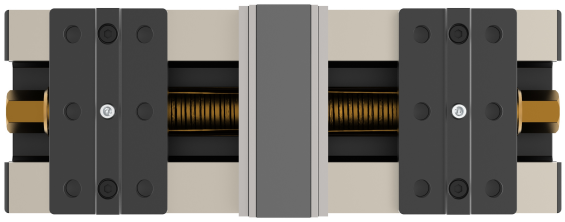
Mechanical double clamp MDU 220-80 front view



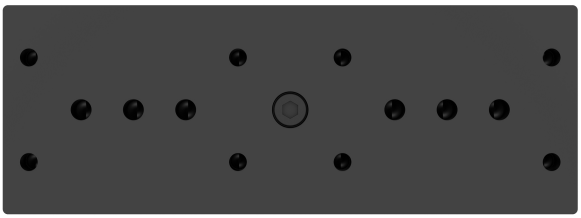
Mechanical double clamp MDU 220-80 from the right



Mechanical double clamp MDU 220-80 from the left



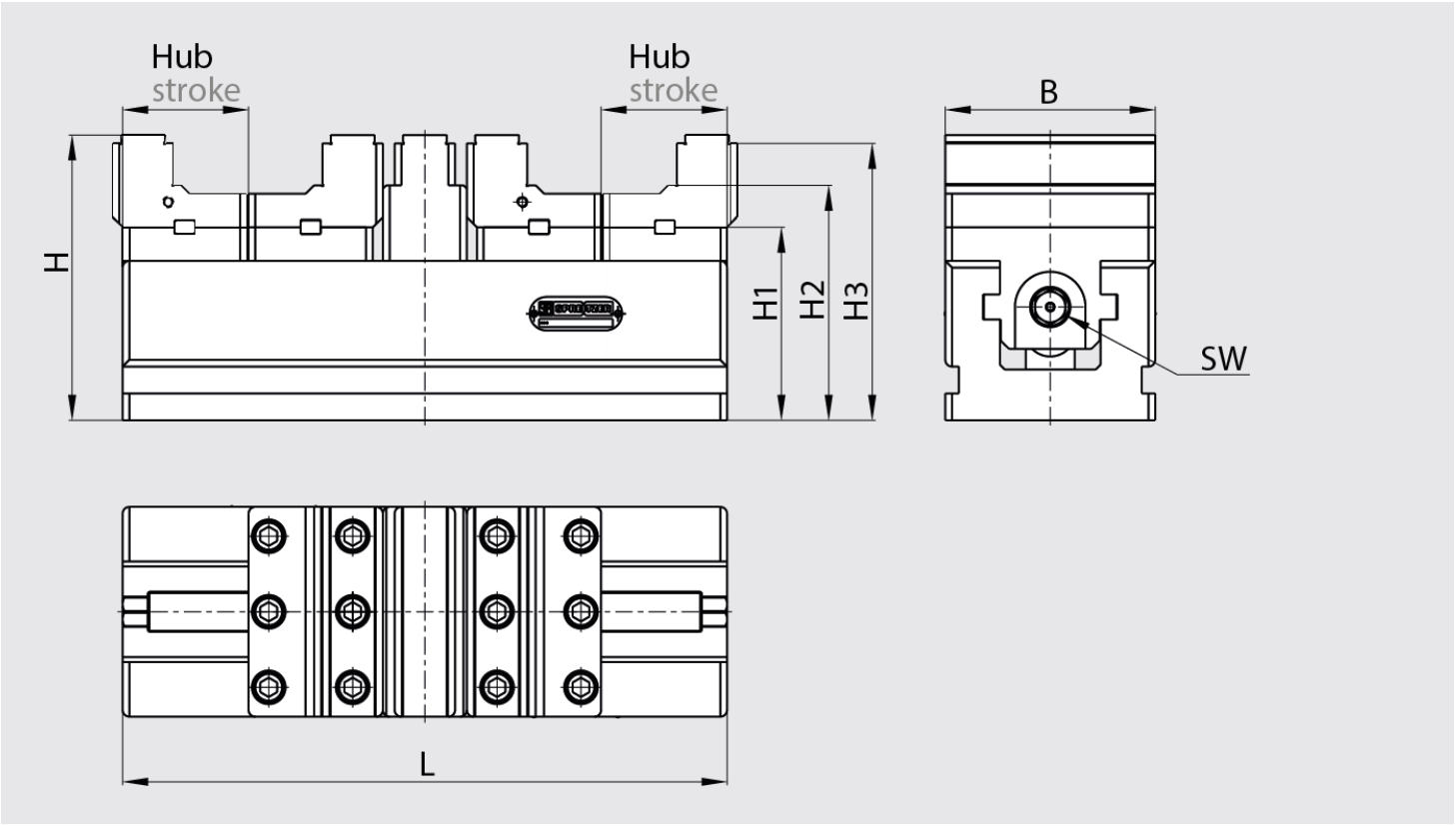
Mechanical double clamp MDU 220-80 from above



Mechanical double clamp MDU 220-80 from below

Finish	Order Number	L [mm]	B [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	Stroke [2xmm]	Clamping width [mm]	Clamping force [N]	M max [Nm]	SW [mm]	Weight [kg]
MDU 120-36 without reversible stepped jaws	B204600006	120	36	59	39	54	56	34	2x55	16000	30	8	1,5
MDU 220-60 without reversible stepped jaws	B204600002	220	60	104	70	90	100	59	2x85	30000	80	12	12,0
MDU 220-80 without reversible stepped jaws	B204600012	220	80	115	75	100	111	43	2x82	40000	125	15	10,0
MDU 280-100 without reversible stepped jaws	B204600014	280	100	139	95	115	135	60	2x108	50000	140	15	18,5
MDU 320-125 without reversible stepped jaws	B204600004	320	125	115	75	100	111	99	2x124	40000	125	15	19,5
MDU 360-125 without reversible stepped jaws	B204600008	360	125	170	115	140	165	80	2x142	70000	200	18	35,0
MDU 500-125 without reversible stepped jaws	B204600010	500	125	170	115	140	165	150	2x212	70000	200	18	45,0
MDU 120-36 with reversible stepped jaws	B204600005	120	36	59	39	54	56	34	2x55	16000	30	8	1,5
MDU 220-60 with reversible stepped jaws	B204600001	220	60	104	70	90	100	59	2x85	30000	80	12	12,0
MDU 220-80 with reversible stepped jaws	B204600011	220	80	115	75	100	111	43	2x82	40000	125	15	10,0
MDU 280-100 with reversible stepped jaws	B204600013	280	100	139	95	115	135	60	2x108	50000	140	15	18,5
MDU 320-125 with reversible stepped jaws	B204600003	320	125	115	75	100	111	99	2x124	40000	125	15	19,5
MDU 360-125 with reversible stepped jaws	B204600007	360	125	170	115	140	165	80	2x142	70000	200	18	35,0
MDU 500-125 with reversible stepped jaws	B204600009	500	125	170	115	140	165	150	2x212	70000	200	18	45,0

Note: Your selected variants are marked in orange.



Plan drawing Mechanical double clamp MDU 220-80