



ADJUSTMENT SLIDE

With the ERO-adjustment slides of series VS the swallowtail slides with maximum liftings of 5, 10, 15, 25, 50 or 75 mm are concerned, which are produced in the versions of one, two or three axes.

FIELDS OF APPLICATION

Tasks of positioning, of motion, of machining and handling horizontally and vertically usable.

MATERIAL AND SLIDE EXECUTION

Standard execution aluminium.
Spindels, end plates and fixing screws chemically nicked.
Other materials upon request.
Repeating accuracy 0.05 mm.
All slides with fixing bores.

LOADABILITY AND WEIGHT

Slide sizes 10 – 100 capable of bearing 3 N – 441 N.
Weight of the sizes 10 – 100 from 0.04 – 4.60 kg.

MAINTENANCE

All ERO-slide guidances
Are of lowmaintenance.

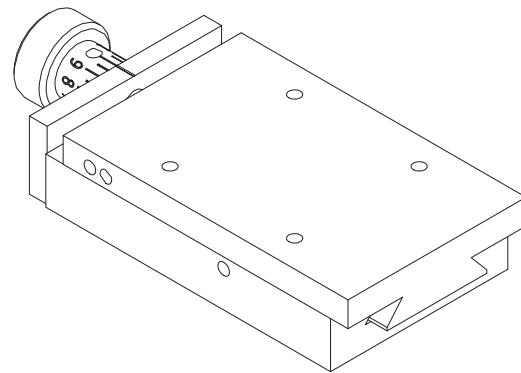
ADVANTAGES OF ERO-ADJUSTMENT SLIDES TYPE VS

- Smooth running of motion
- Precision
- Simple and compact way of construction
- Stable
- Very light
- Non-corrosive
- Maintenance-free
- Upon desire obtainable in other anodizing colours
- Economic

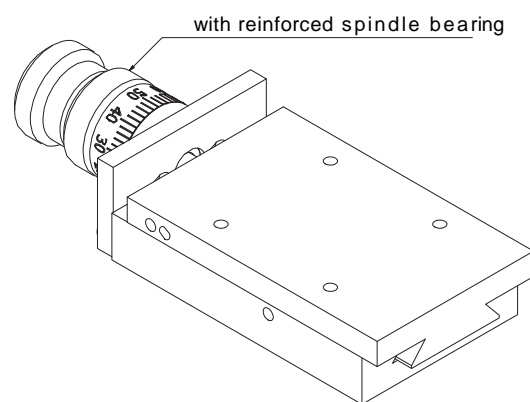




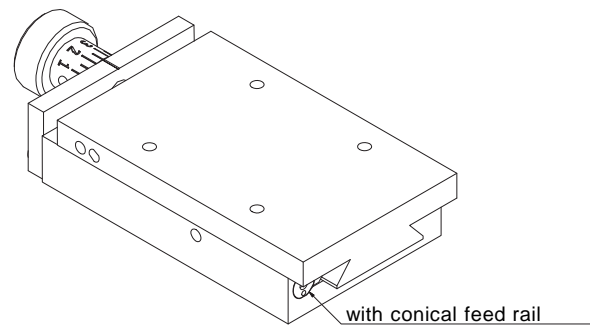
TYPE VS: SIMPLE EXECUTION



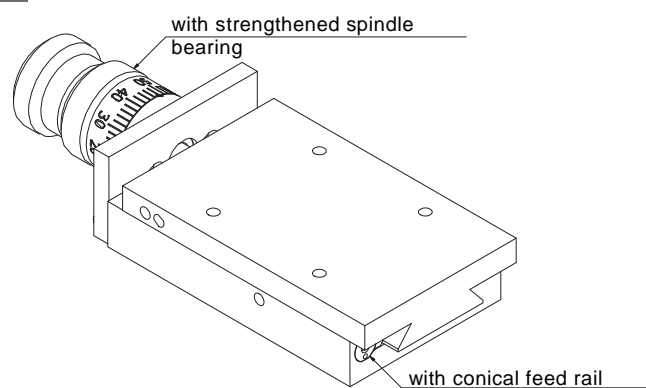
TYPE VSS: WITH REINFORCED SPINDLE BEARING



TYPE VSL: WITH CONICAL FEED RAIL

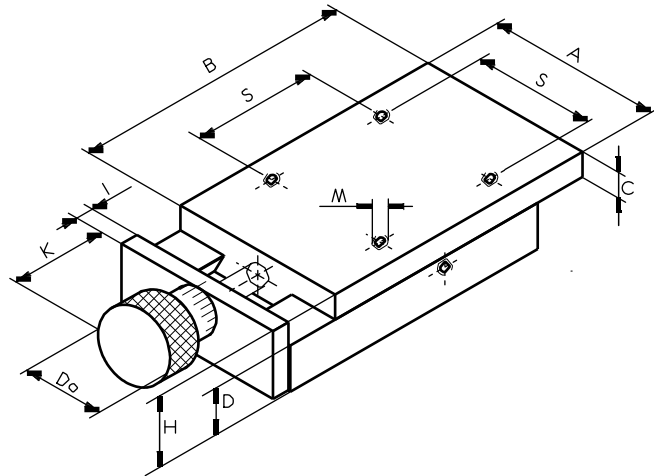


TYPE VSLs: WITH CONICAL FEED RAIL AND SPINDLE BEARING

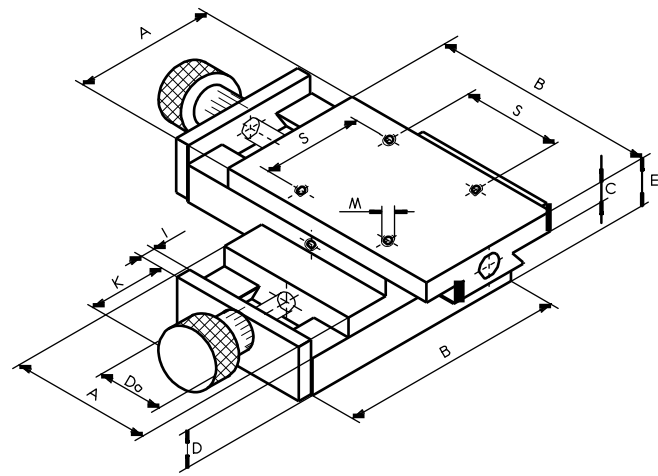




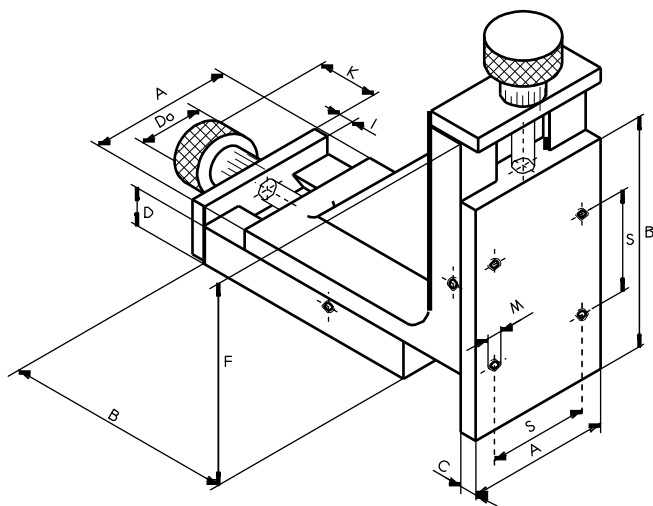
X



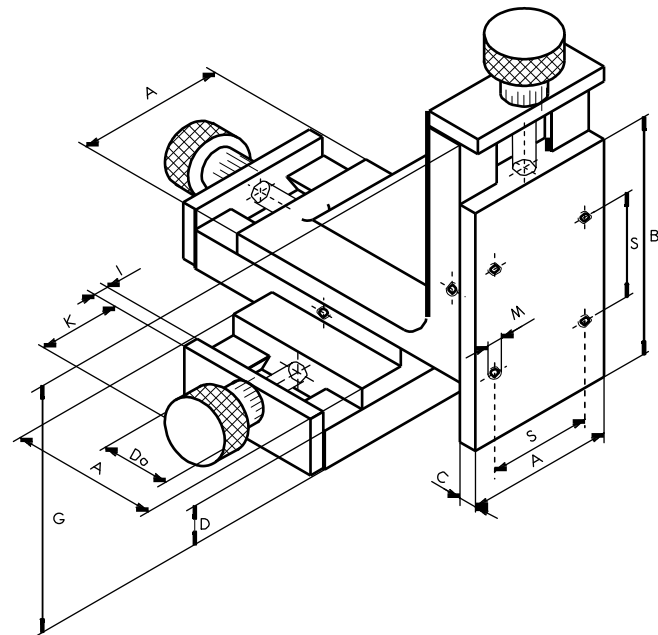
XY



YZ



XYZ



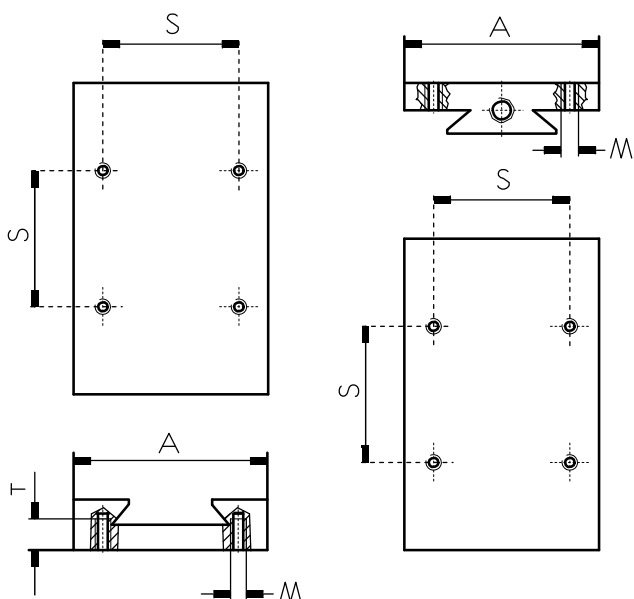


TECHNICAL DATA:

Constructional size														
	A	B	C	D	E	F	G	H	I	K	Do	M	S	T
VS 10	10	15	3	5	16	-	-	8	2	7,5	6	M 2	6	3
VS 20	20	30	5	8	22	38	47	13	3	15	14	M 3	12	5
VS 30 / VSL 30	30	40	6	9	25	49	59	15	3	17	15	M 3	15	6
VSS 30 / VSLS 30										23	14			
VS 50 / VSL 50	50	80	7	13	33	93	106	20	5	20	20	M 4	35	7
VSS 50 / VSLS 50										41	24			
VS 75 / VSL 75	75	105	10	15	40	120	135	25	5	25	25	M 5	50	10
VSS 75 / VSLS 75										41	24			
VS 100 / VSL 100	100	160	12	18	48	178	196	30	6	25	25	M 6	70	12
VSS 100 / VSLS 100										48	30			

Constructional size	Lifting	Load cap. in N	Weight in g				Spindle	Read-off exactness
			X	XY	YZ	XYZ		
VS 10	5	3	6	10	11	15	M 3	0,05
VS 20	10	20	40	80	100	150	M 4 x 0,5	0,02
VS 30 / VSL 30	15	48	60	100	150	200	M 6	0,05
VSS 30 / VSLS 30							M 3	0,01
VS 50 / VSL 50	25	149	300	500	600	900	M 6	0,05
VSS 50 / VSLS 50								0,02
VS 75 / VSL 75	50	250	700	1.200	1.500	2.000	M 6	0,05
VSS 75 / VSLS 75								0,02
VS 100 / VSL 100	75	441	1.600	2.600	3.500	4.600	M 8 x 1	0,05
VSS 100 / VSLS 100								0,01

STANDARD BORING IMAGE VS-SLIDE



ERO-adjustment slides of series VS are swallowtail slides, which excel especially by their simple, but quite robust structure and utmost favourable prices.

Base slide parts: aluminium with natural eloxation. Obtainable in other eloxing colours (upon request).

Type VS:
Fixing via lateral screw*
Adjusting precision: ≤ 0.15
Scale on turning knob.

Type VSS+ VSL+ VSLS:
Spindle bearing with prestressed ball bearings
Conical feed rail
Fixation via lateral screw*
Adjustment precision: ≤ 0.02

* alternatively with clamping lever size 30 - 100

Ordering example:

Type	Size	Axes	(Clamping claws)
VSLS	100	XYZ	(SPK)

Clamping claws see following page.

