

Type: Self-centring vice

ZSS

View
on-line:



System:

Two clamping sliders with continuous spindle and simultaneous centric clamping of two sides

Versions:

ZSS-M

mechanical span adjustment and pressure build-up

ZSS-MOT

Span adjustment and pressure build-up powered by a hydraulic motor

ZSS – outstanding accessibility, ideal for complex and heavy-duty machining

Perfect grip

The wide support for the clamping slider ensures maximum grip.

Impressive centring

Hardened and smoothed trapezoidal thread spindle (for ZSS 100 and ZSS 125)

Trouble-free for large chip volumes

Outstanding chip and coolant discharge

Optimum positioning

Traverse groove for alignment



Impressive advantages:

- Repeat accuracy ≤ 0.015 mm
- Heavy-duty design prevents vibrations
- Large clamping range due to reversible jaws
- Basic equipment: 2 standard prismatic jaws and 1 hand crank

Suitable accessories you can find starting from page 96

OPTIONAL:



Flat bed version on request (p. 8)

ON REQUEST:



Bed length up to 1,200 mm

Usage of mould jaws

The vice, together with the hydraulic motor, is ideal for using mould jaws that require a high opening path /clamping stroke in automatic mode.

Special jaws? No problem!

Customised jaw production: Faster for professional clamping saves time during set-up!

Large clamping range

The extreme clamping slider geometry, in conjunction with reversible jaws, enables very large clamping ranges.

Spindle drive

Optionally, mechanic or motorised version

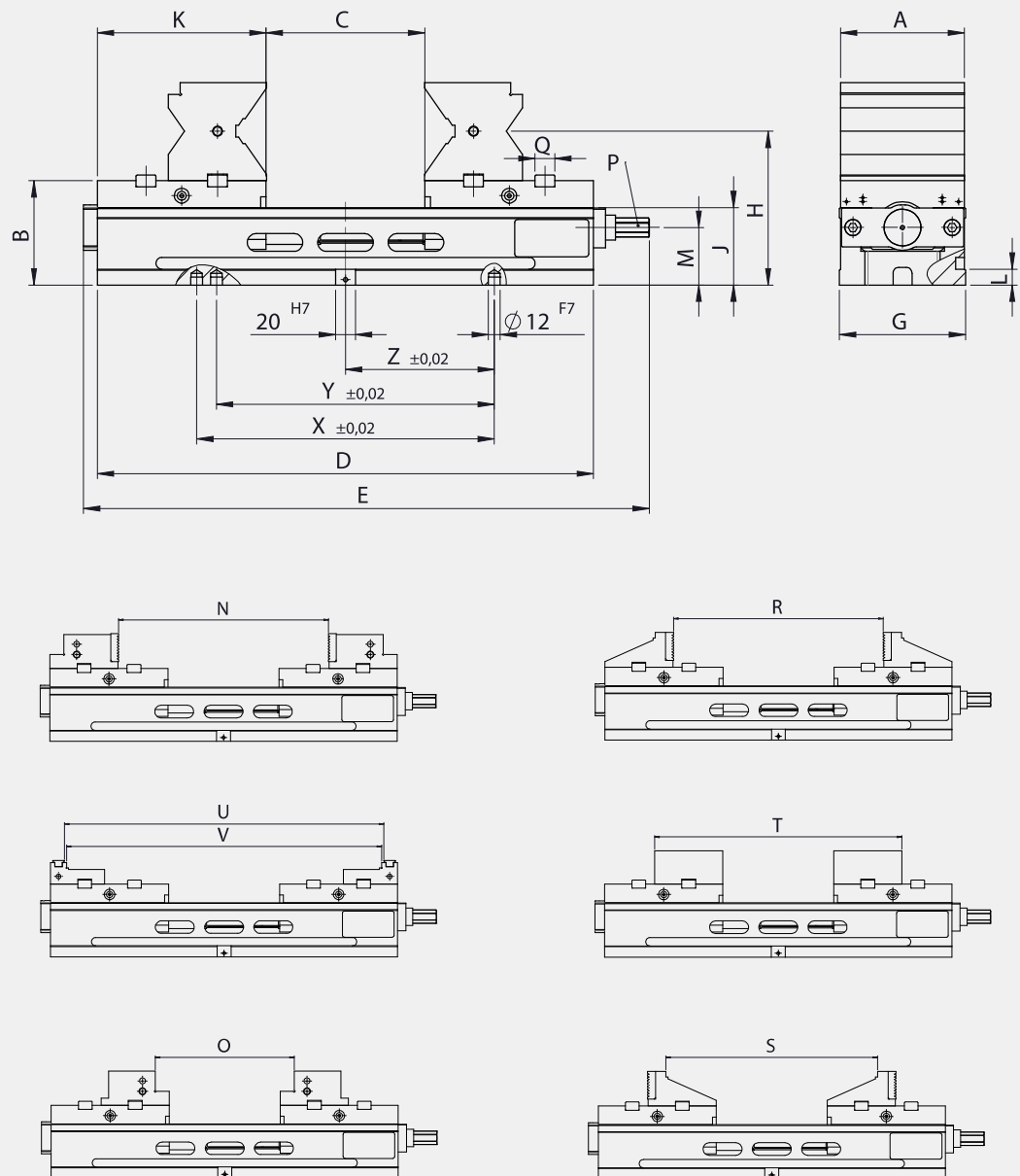




ZSS-M & ZSS-MOT

Self-centring vice ZSS-M (mech.) and ZSS-MOT (hydraulic)

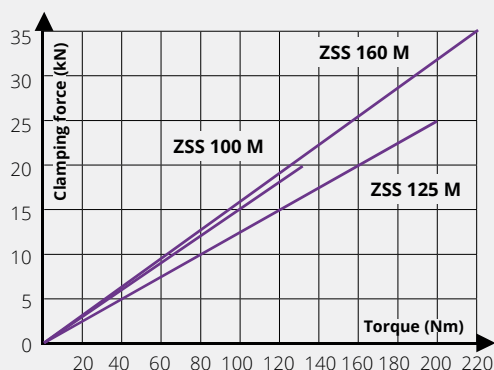
Technical drawing



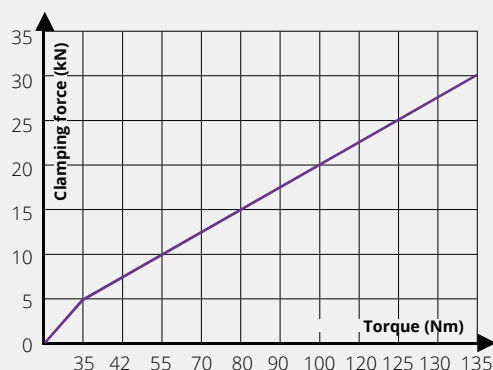
Technical specifications

Jaw width	A	100	125	160
Order No. ZSS-M		03411A	03511A	03611
without jaws		03411A000100	03511A000100	03611000100
	B-0,03	96	105	125
Bed length	D	350	500	650
Overall length	E	408	567	733
Total width	G	104	127	162
Center point	H	130	155	211
Bed height	J h7	78	78	90
Clamping slide	K	118	170	200
	L	14	16	16
	M	63	58	64
Hexagonal con- nection SW	P	17	17	19
	Q	20h7	19.8h7	19.8h7
	X	300	300	400
	Y	-	280	-
	Z	150	150	200
Clamping range with prismatic jaws		Ø 20-100	Ø 30-150	Ø 30-240
Span	C	114	160	250
Span	N	0-219	0-300	0-398
Span	O	32-252	42-340	30-430
Span	R	0-219	0-300	-
Span	S	86-308	147-447	-
Span	T	118-336	198-500	-
	U	10-310	10-455	622
	V	90-300	155-450	616
Weight	kg	26.4	53.5	98
Clamping force	kN/Nm	20/130	25/200	35/220

ZSS-M – span force diagram



ZSS 125 mot. with OMP 125 motor

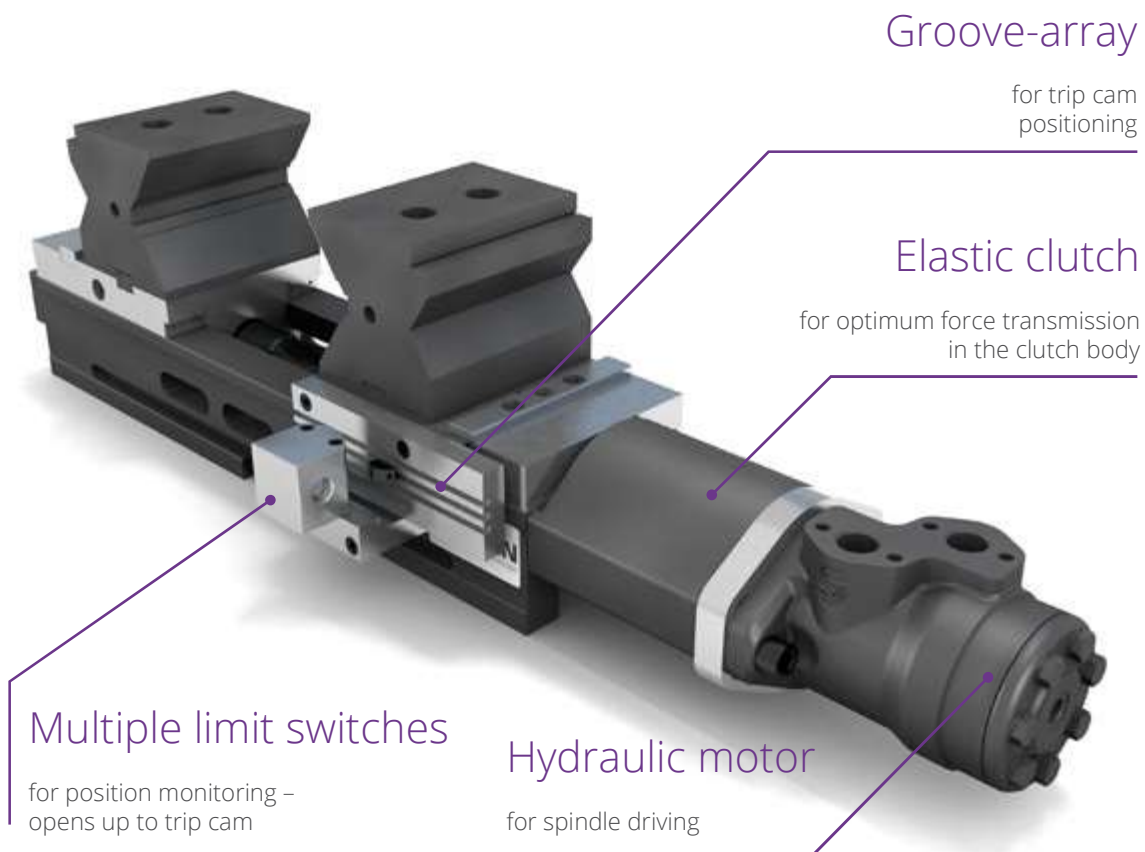


NOTE: A hydraulic unit is necessary to operate motorised centring vice.



ZSS-MOT

Heavy-duty machining made easy: ZSS-MOT (hydraulic)



Technical specifications

Jaw width	A	100	125	160
Order No.		03451A	03551A	03651
without jaws		03451A000100	03551A000100	03651000100
Total length without clutch	E	547	610	-
Total length with clutch	E	-	792	972

For other dimensions see previous page

