

# SWISS hemo

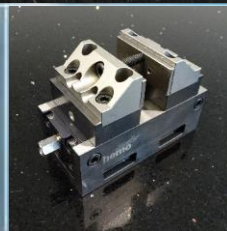
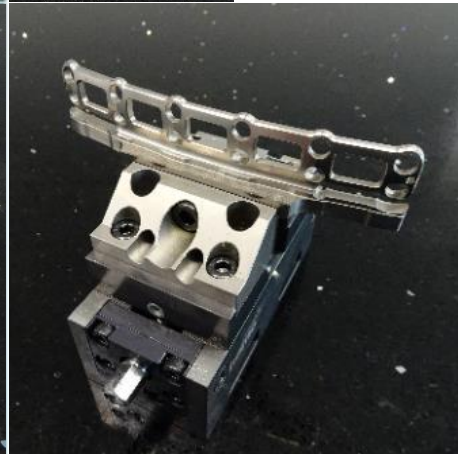
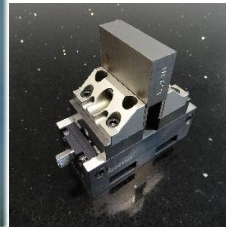
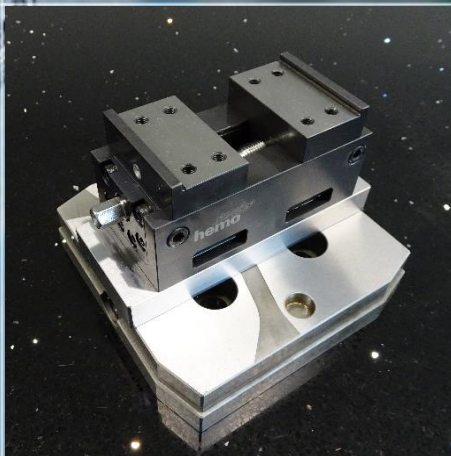
## Centring vice

### Optima II ZS48

### the optimal companion

Our little powerhouse

Safely clamping  
very small parts?



### Application:

Clamping very small workpieces

- with high precision and safety,
- with the best accessibility,
- top clamping power of up to 30kN, and a repeatability of  $\leq 0.01\text{mm}$ .

For the first and second clamping

hemo Werkzeugbau  
Dattenmattstrasse 12  
CH-6010 Kriens

Tel. +41 (0)41 348 04 04  
Fax +41 (0)41 348 04 00  
info@hemo.ch  
www.hemo.ch

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V180727  
Subject to misprints

## Your benefit:

- Best accessibility
- Clamp your very small parts reliably and with high precision
- Precision-ground guides in the base
- Repeatability  $\leq 0.01\text{mm}$
- Perfect for first and second clamping
- Clamping power up to 30kN at a torque of 50Nm
- Grip jaw with clamping power boost up to 36kN
- Two different lengths, ZS48/70 and ZS48/100, with 48mm jaw width
- Patented flushing borehole for process-integrated cleaning of the vice

	ZS48/70 102150		ZS48/100 102151	
	Min	Max	Min	Max
A	0	10	0	40
B	53	63	53	93
C	7	14	7	44
L	70		100	

	Soft jaw, low, 2, art. no. 102438		Soft jaw, tall, 2, art. no. 102447
	Hard jaw, shallow-corrugated, 2, art. no. 102450		Hard jaw, serrated, 2, art. no. 102453
	Grip jaw, steel, 2, art. no. 102099		Grip jaw, plastic, 2, art. no. 102457
	Stepped jaw, ground, 2, art. no. 102426		Collet holder ER25 for optima II ZS48/100, art. no. 102464