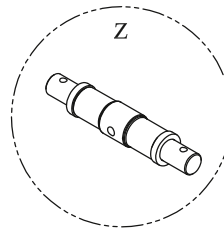
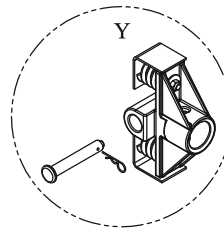
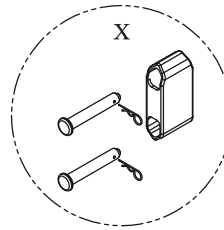
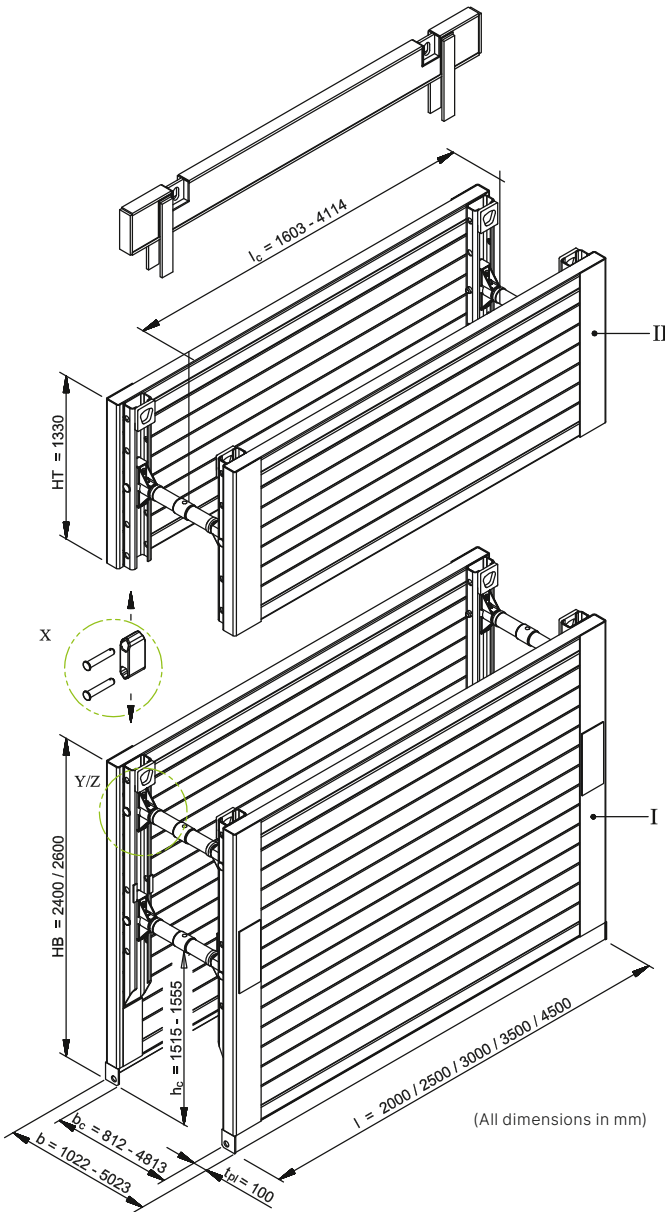


## KRINGS KS 100



### General data

Shoring length	2.00 m–4.50 m	
Base unit height	2.40 m / 2.60 m	
Top unit height	1.30 m	
Pipe culvert height	1.52 m / 1.56 m	
Base box weight	1,414 kg–2,730 kg	
Shoring width	variable	
Rec.: mobile or crawler excavator	Base box only:	12–18 t
	With top unit:	18–30 t



- |    |                  |                |                      |                 |                          |   |                  |
|----|------------------|----------------|----------------------|-----------------|--------------------------|---|------------------|
| I  | Base unit        | l              | Length               | h <sub>c</sub>  | Pipe culvert height      | Z | Spindle 98 x ... |
| II | Top unit         | l <sub>c</sub> | Pipe culvert length  | t <sub>pl</sub> | Panel thickness          |   |                  |
| HB | Base unit height | b              | Shoring/trench width | X               | Connector with bolts     |   |                  |
| HT | Top unit height  | b <sub>c</sub> | Clear width          | Y               | Spring socket with bolts |   |                  |

**Base units**

Art. no.	l [m]	h [m]	t <sub>pl</sub> [m]	h <sub>c</sub> [m]	l <sub>c</sub> [m]	G / VP [kg]	G / Box [kg]	A [m <sup>2</sup> ]	e <sub>h</sub> [kN/m <sup>2</sup> ]
132 030	2.00	2.40	0.10	1.52	1.61	567.0	1,414.0 *	4.80	60.0
132 050	2.50	2.40	0.10	1.52	2.11	675.0	1,630.0 *	6.00	57.0
132 070	3.00	2.40	0.10	1.52	2.61	761.0	1,802.0 *	7.20	48.0
132 090	3.50	2.40	0.10	1.52	3.11	830.0	1,940.0 *	8.40	44.0
132 140	4.00	2.40	0.10	1.52	3.61	1,000.0	2,280.0 *	9.60	40.0
132 156	4.50	2.40	0.10	1.52	4.11	1,120.0	2,520.0 *	10.80	31.8
132 040	2.00	2.60	0.10	1.56	1.61	612.0	1,504.0 *	5.20	55.0
132 060	2.50	2.60	0.10	1.56	2.11	711.0	1,702.0 *	6.50	52.0
132 080	3.00	2.60	0.10	1.56	2.61	813.0	1,906.0 *	7.80	44.0
132 100	3.50	2.60	0.10	1.56	3.11	905.0	2,090.0 *	9.10	44.0
132 150	4.00	2.60	0.10	1.56	3.61	1,090.0	2,460.0 *	10.40	40.0
132 121	4.50	2.60	0.10	1.56	4.11	1,225.0	2,730.0 *	11.70	31.8

Other sizes or custom-made products on request.

\* With spindle 98 × 700

**Top units**

Art. no.	l [m]	h [m]	t <sub>pl</sub> [m]	h <sub>c</sub> [m]	l <sub>c</sub> [m]	G / VP [kg]	G / Box [kg]	A [m <sup>2</sup> ]	e <sub>h</sub> [kN/m <sup>2</sup> ]
132 190	2.00	1.30	0.10	-	1.61	370.0	922.0 *	2.60	60.0
132 200	2.50	1.30	0.10	-	2.11	430.0	1,042.0 *	3.25	57.0
132 210	3.00	1.30	0.10	-	2.61	486.0	1,154.0 *	3.90	48.0
132 220	3.50	1.30	0.10	-	3.11	570.0	1,322.0 *	4.55	44.0
132 260	4.00	1.30	0.10	-	3.61	660.0	1,502.0 *	5.20	40.0
132 261	4.50	1.30	0.10	-	4.11	730.0	1,642.0 *	5.85	31.8

Other sizes or custom-made products on request.

\* With spindle 98 × 700

**Shoring widths for spindle 98 × 550**

Art. no. extension bar	l [m]	b <sub>c</sub> [m]	b [m]
138 280 (spindle 98 × 550)	w/o	0.81–1.01	1.02–1.22
139 430	0.30	1.11–1.31	1.32–1.52
139 445	0.50	1.31–1.51	1.52–1.72
139 385	1.00	1.81–2.01	2.02–2.22
139 400	1.50	2.31–2.51	2.52–2.72
139 420	2.00	2.81–3.01	3.02–3.22
139 425	2.50	3.31–3.51	3.52–3.72

**Shoring widths for spindle 98 × 700**

Art. no. extension bar	l [m]	b <sub>c</sub> [m]	b [m]
138 290 (spindle 98 × 700)	w/o	0.99–1.33	1.20–1.54
139 430	0.30	1.29–1.63	1.50–1.84
139 445	0.50	1.49–1.83	1.70–2.04
139 385	1.00	1.99–2.33	2.20–2.54
139 400	1.50	2.49–2.83	2.70–3.04
139 420	2.00	2.99–3.33	3.20–3.54
139 425	2.50	3.49–3.83	3.70–4.04

**Shoring widths for spindle 98 × 817**

Extension bars	l [m]	b <sub>c</sub> [m]	b [m]
0	0.00	0.91–1.31	1.12–1.52
1	0.50	1.41–1.81	1.62–2.02
2	1.00	1.91–2.31	2.12–2.52
3	1.50	2.41–2.81	2.62–3.02
4	2.00	2.91–3.31	3.12–3.52
5	2.50	3.41–3.81	3.62–4.02
6	3.00	3.91–4.31	4.12–4.52
7	3.50	4.41–4.81	4.62–5.02

Depending on the shoring strut, up to 7 extension bars of 500 mm each may be used.

l	Length	t <sub>pl</sub>	Panel thickness
l <sub>c</sub>	Pipe culvert length	A	Surface
b	Trench width	G	Weight
b <sub>c</sub>	Clear width	G / VP	Weight / shoring panel
h	Height	G / Box	Weight / shoring box
h <sub>c</sub>	Pipe culvert height	e <sub>h</sub>	Admissible soil pressure