

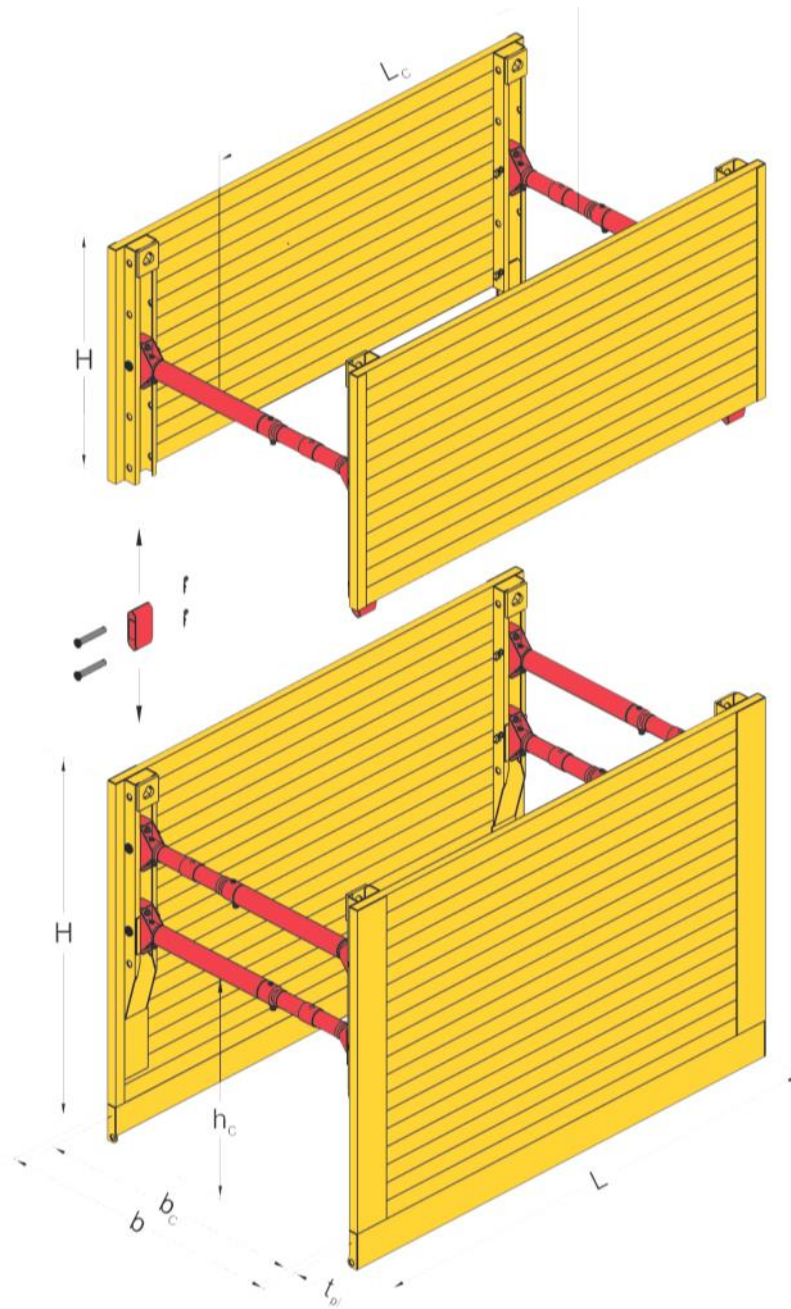
# SHORING BOX KS 60



Unit length	2.00 m - 3.50 m
Base box height	2.40 m
Top box height	1.30 m
Pipe culvert height	Max. 1.35 m
Weight	1120 kg - 1710 kg
Advised depth of work	Up to 4.00 m
Lifting device	Excavator $\approx$ 12 - 18 tons

This box combines robustness and lightness. The spindles used on this box are those of the range known as “heavy”. Widths are flexible with suitability thanks to the extensions tubes that are simply “plugged-in” the spindle. The thickness of these panels (60 mm) makes it possible to maximize clearance of work and to limit the floor space of the excavated trench.

# SHORING BOX KS 60



Conformité  
DIN 4124  
DIN EN 13331

$H$	Plate height
$L$	Plate length
$H_c$	Pipe culvert height
$L_c$	Pipe culvert length
$b_c$	Working width
$b$	Shoring width
$t_{pl}$	Plate thickness



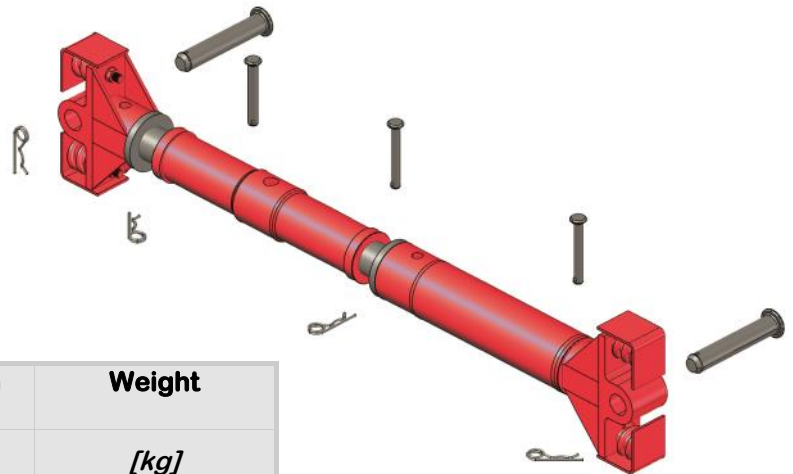
# SHORING BOX KS 60

Base plate LxH	Weight box	Pipe culvert height H <sub>c</sub>	Pipe culvert length L <sub>c</sub>	Thickness plate t <sub>p1</sub>	State design load limit ed
[mm]	[kg]	[mm]	[mm]	[mm]	[kN/m <sup>2</sup> ]
KS 2000x2400	1120	1355	1600	60	66.2
KS 2500x2400	1240	1355	2100	60	49.8
KS 3000x2400	1360	1355	2600	60	33.0
KS 3500x2400	1710	1355	3030	60	32.9
<b>Top plate</b>					
KSA 2000x1300	610	-	1600	60	66.2
KSA 2500x1300	680	-	2100	60	49.8
KSA 3000x1300	750	-	2600	60	33.0
KSA 3500x1300	960	-	3030	60	32.9

Any other dimension, consult us.

#### Tensile forces:

- lifting eyes at the plate head Rd = 229 kN
- bottom eyes Rd = 23 kN



Brace extension	Working width b <sub>c</sub>	Shoring width b	Weight
[mm]	[m]	[m]	[kg]
0	0.99-1.29	1.11-1.41	71.0
300	1.29-1.59	1.14-1.71	+ 15.5
500	1.49-1.79	1.61-1.91	+ 20.0
800	1.79-2.09	1.91-2.21	+ 26.7
1000	1.99-2.29	2.11-2.41	+ 31.1