

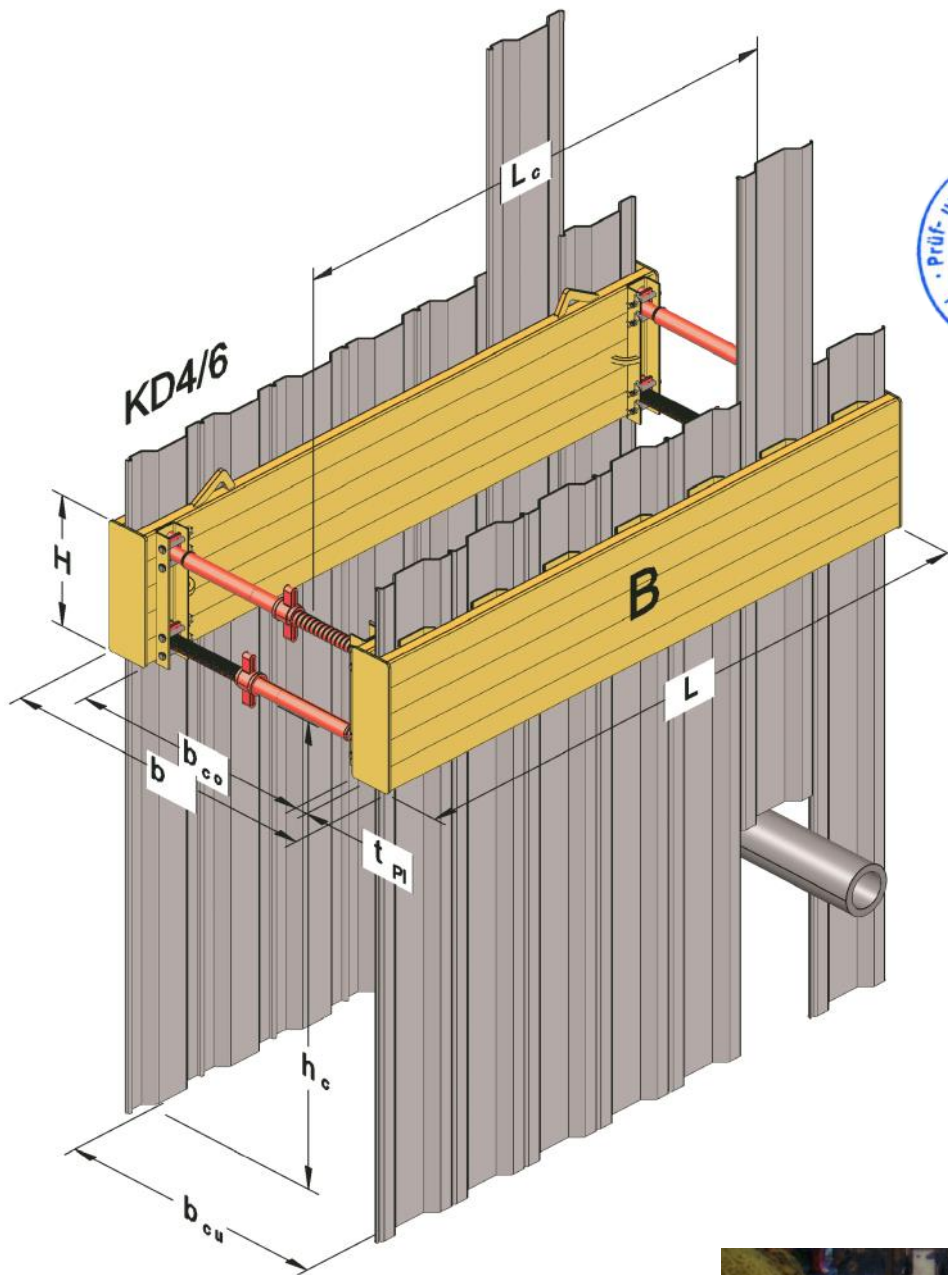


Unit length	2.00 m - 2.8 m
Box height	0.60 m
Weight	560 kg - 730 kg
Advised depth of work	Up to 3.50 m
Lifting device	Excavator $\approx$ 7 - 13 tons

This steel box consists of a special internal guide structure that receives KD4-6 type trench sheet (the trench sheet is a vertical steel profile of 400 or 600mm width) which makes possible to cross transverse networks without any disturbance.

The ideal tool for urban areas at a shallow depth with a minimum space and a maximum existing services. Easy to handle with a backhoe, this box is the perfect complementary product to the KVL light box; and the struts are identical

# MINI PILE BOX KKP



Conformité  
DIN 4124  
DIN EN 13331

<b>H</b>	Plate height
<b>L</b>	Plate length
<b>L<sub>c</sub></b>	Pipe culvert height
<b>b<sub>co</sub></b>	Pipe culvert length
<b>b<sub>cu</sub></b>	Working width
<b>b</b>	Shoring width
<b>t<sub>pl</sub></b>	Plate thickness



# MINI PILE BOX KKP

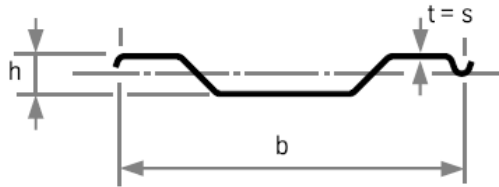
Base plate LxH	Weight box	Trench sheet No.	Pipe culvert length $L_c$	Thickness inner plate $t_{pi}$	State design load limit qd
[mm]	[kg]	[KD4]	[mm]	[mm]	[kN/m]
KKP 2040x600	560	10	1740	60	92.6
KKP 2440x600	650	12	2140	60	61.8
KKP 2840x600	730	14	2540	60	44.2

Any other dimension, consult us.

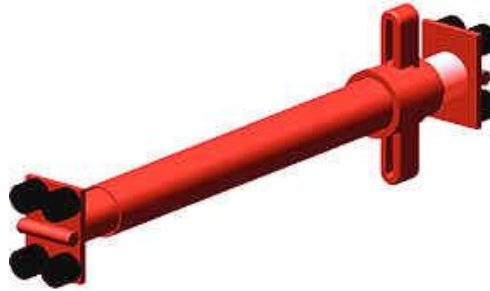
#### Tensile forces:

- lifting eyes at the plate head  $R_d = 229$  kN

**KD 4/6**



Width b	Height h	Thickness t	Section modulus $W_y$	Moment of inertia $I_y$	Bending moment $M_d$	Weight single pile	Weight wall
[mm]	[mm]	[mm]	[cm <sup>3</sup> /m]	[cm <sup>4</sup> /m]	[kNm/m]	[kg/m]	[kg/m <sup>2</sup> ]
400	50	6	102	254	25.5	22.1	55.3



Strut type	Working width $b_c$	Inner working width between sheets $b_{cu}$	Shoring width b	Weight
	[m]	[m]	[m]	[kg]
A	0.53 - 0.63	0.65 - 0.75	0.89 - 0.99	12.4
B	0.62 - 0.81	0.74 - 0.93	0.98 - 1.17	13.5
C	0.80 - 1.17	0.92 - 1.29	1.16 - 1.53	15.7
D	1.16 - 1.89	1.28 - 2.01	1.52 - 2.25	19.4