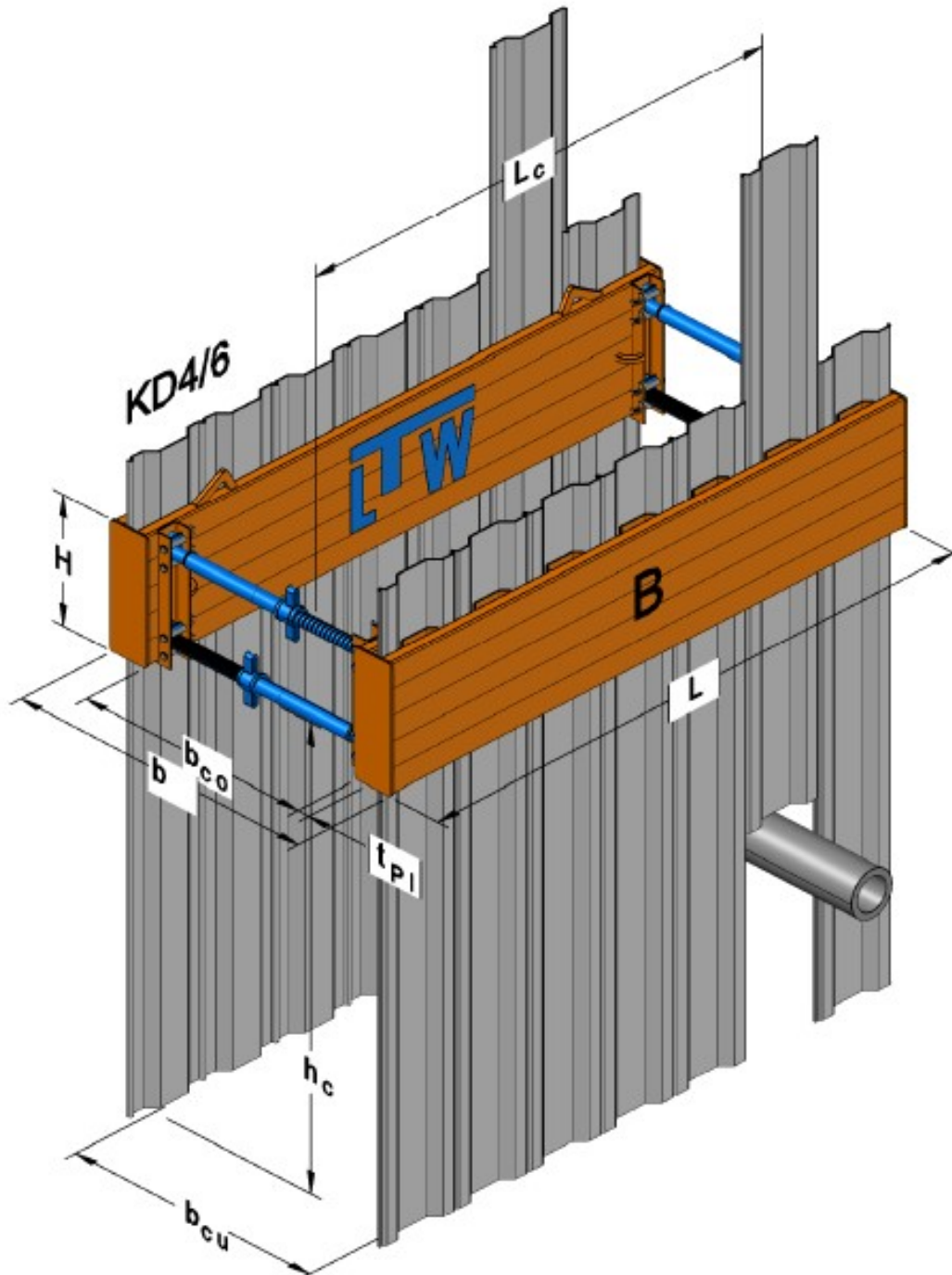


TECHNICAL CHARACTERISTICS

LTW MINI PILE GUIDE BOX



SYSTEM VIEW



B Mini Pile Guide Box
H Plate Height
b Shoring Width

b_{co} Inner working width (top/plates)
 b_{cu} Inner working width between KD4/6
 t_{PI} Plate thickness (inside profile)

h_c Pipe Culvert Height
L Plate Length
 L_c Pipe Culvert Length

TECHNICAL CHARACTERISTICS

LTW MINI PILE GUIDE BOX



Mini - Pile Guide Box $t_{PI\text{-inside profile}} = 60 \text{ mm}$

Plate Length L [m]	Plate Height H [m]	Pipe culvert length L_c [m]	Trench Sheets No. per plate	Limit state design beam load q_d [kN / m]	Plate weight G_{PL} [kg]	Box weight G_E [kg]
2,04	0,60	1,74	5 * KD4	92,6	275	600
2,44	0,60	2,14	6 * KD4	61,8	320	690
2,84	0,60	2,54	7 * KD4	44,2	370	790

Trench Sheet Type KD 4/6 S275JRC



Width b [mm]	Height h [mm]	Thickness t [mm]	Section Modulus W_y [cm ³ /m]	Moment of inertia I_y [cm ⁴ /m]	Bending Moment M_d [kNm/m]	Weight single pile [kg/m]	Weight Wall [kg/m ²]
400	50	6	102	254	25,5	22,1	55,3

Tensile Forces

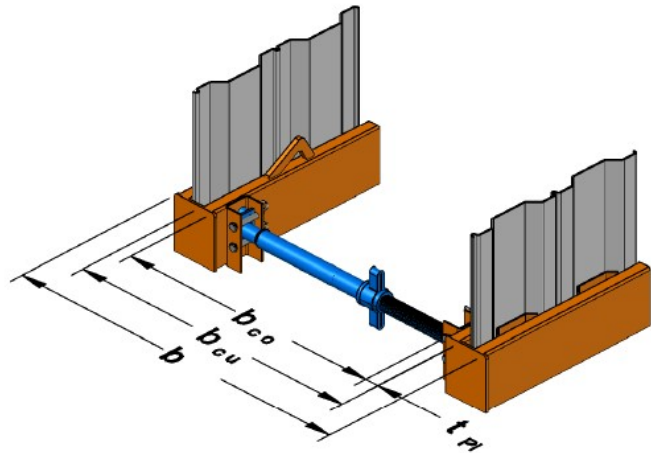
lifting eyes at the plate head $R_d = 229 \text{ kN}$

TECHNICAL CHARACTERISTICS

LTW MINI PILE GUIDE BOX



MINIBOX STRUT



Type	Stroke	inner working width (top) between plates	inner working widths between sheets	Shoring Width	Weight
	[m]	b_{co} [m]	b_{cu} [m]	b [m]	G [kg]
A	0,10	0,53 - 0,63	0,65 - 0,75	0,89 - 0,99	12
B	0,19	0,62 - 0,81	0,74 - 0,93	0,98 - 1,17	13
C	0,37	0,80 - 1,17	0,92 - 1,29	1,16 - 1,53	16
D	0,73	1,16 - 1,89	1,28 - 2,01	1,52 - 2,25	21
E	0,73	1,87 - 2,60	2,00 - 2,73	2,24 - 2,97	34

