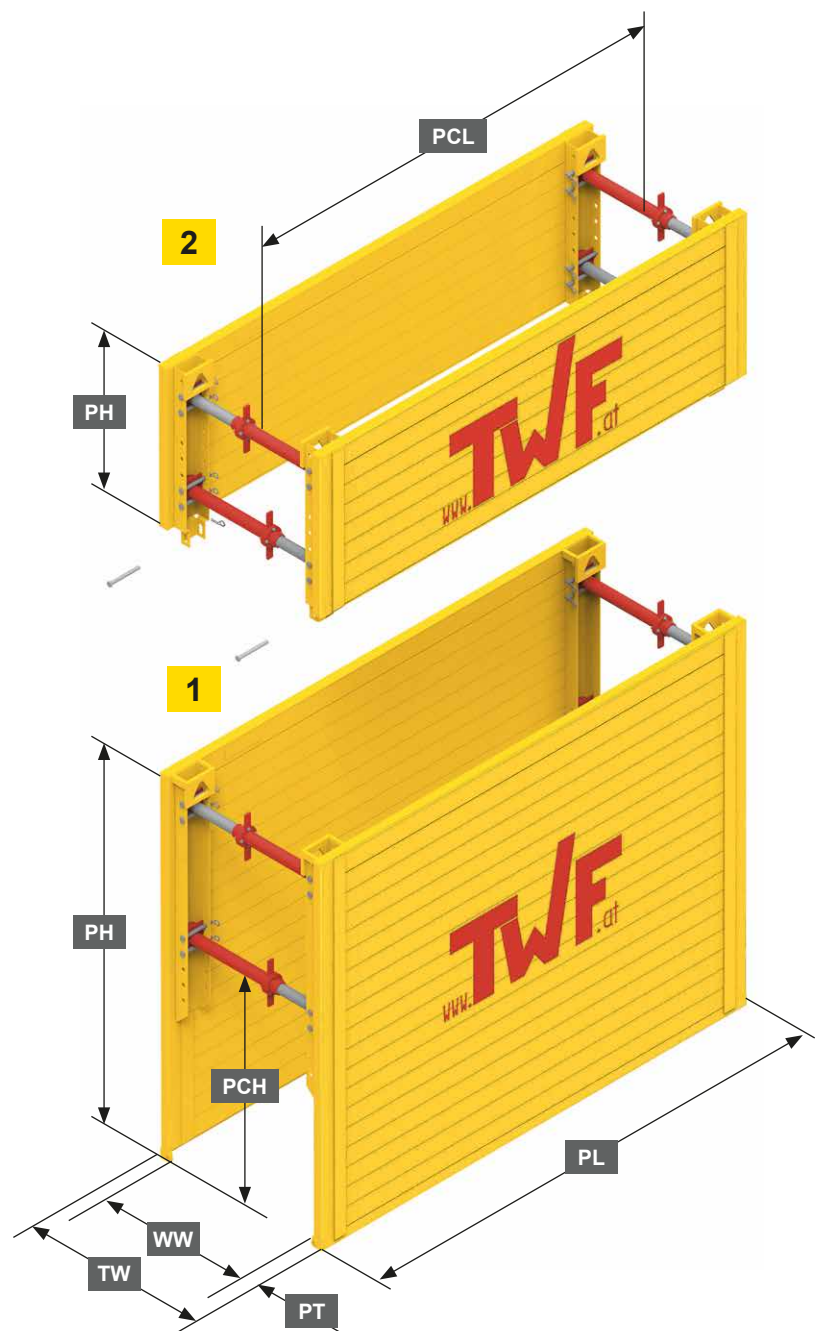


► TWF Trench Shoring Systems

■ Light Weight Shoring Type 100

- For **small to medium-sized construction projects** (utility lines, house connections etc.)
- Installation with **place and adjust method** in stable soils
- Mobile excavator: **9 - 13 t**
- Maximum trench depth: **3,00 m**
- Working width: **0,54 - 3,09 m**
- Trench width: **0,66 - 3,21 m**
- Pipe clearance height: **0,94 m**



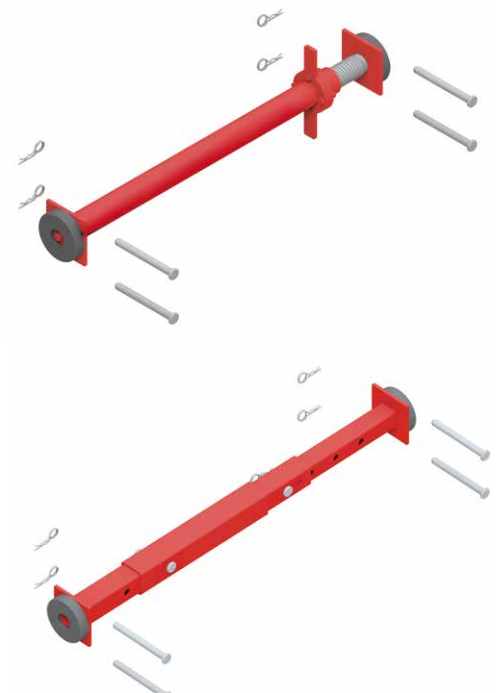
1	Base element
2	Top element
PH	Panel height
TW	Trench width
WW	Working width
PT	Panel thickness
PCH	Pipe clearance height
PL	Panel length
PCL	Pipe clearance length

► Light Weight Shoring Type 100

Element	Panel length PL (m)	Panel height PH (m)	Panel thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. system resistance R_k (kN/m ²)	Weight c/w strut B (kg/box)
1	2,00	1,60 2,00	60	1,60	0,94	47,8	609 717
2		0,60 1,00					287 429
1	2,50	1,60 2,00	60	2,10	0,94	38,3	701 825
2		0,60 1,00					329 489
1	3,00	1,60 2,00	60	2,60	0,94	31,9	787 929
2		0,60 1,00					371 547

■ Light Weight Spindle

Type	Working width WW (m)		Trench width TW (m)		Char. compressive axial force F_k (kN)	Weight complete (kg)
	min.	max.	min.	max.		
A	0,54	0,74	0,66	0,86	146	13,2
B	0,72	1,08	0,84	1,20	135	16,0
C	1,06	1,66	1,18	1,78	106	19,5
D	1,51	2,11	1,63	2,23	84	22,5
E	1,89	2,49	2,01	2,61	62	25,3
F	2,49	3,09	2,61	3,21	81	48,9



■ Telescopic Strut

Number intermediate pipe	Working width WW (m)		Trench width TW (m)		Safe working load (kN)	Weight complete (kg)
	min.	max.	min.	max.		
0	0,57	0,77	0,70	0,90	169	11,0
1	0,87	1,29	0,95	1,42	159	15,0
2	1,34	1,80	1,47	1,93	149	20,5
3	1,85	2,32	1,98	2,45	132	26,0
4	2,37	2,83	2,50	2,96	103	35,8

► **Telescopic Strut**
optional for Type 100
for working widths
from 570 mm to 2830 mm