TWF TIEFBAUTECHNIK

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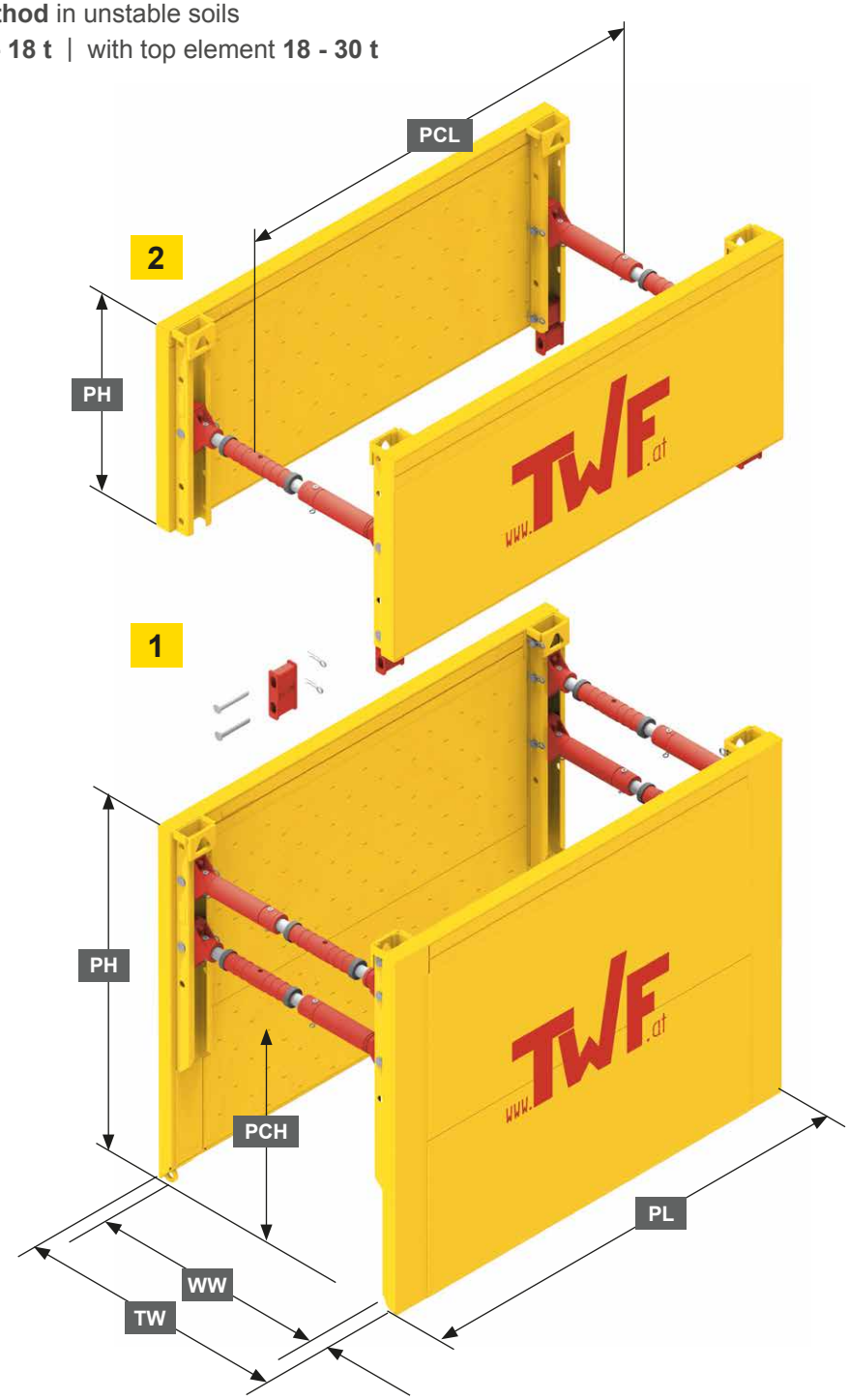
▶ TWF Trench Shoring Systems

Standard Box Type 600

- **Solid** and **hard wearing** - it ensures maximum safety at trench depths up to 5,20 m
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: **12 - 18 t** | with top element **18 - 30 t**
- Maximum trench depth: **5,20 m**
- Working width: **0,98 - 4,77 m**
- Trench width: **1,20 - 4,98 m**
- Pipe clearance height: **1,50 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



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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/m²) *	Weight c/w spindle (kg/box)
1	2,00	2,40 | 2,60	107	1,60	1,30 | 1,50	114,4 | 98,6	1555 | 1719
2		1,40					938
1	2,50	2,40 | 2,60	107	2,10	1,30 | 1,50	91,5 | 78,9	1841 | 1971
2		1,40					1096
1	3,00	2,40 | 2,60	107	2,60	1,30 | 1,50	76,3 | 65,7	2019 | 2231
2		1,40					1232
1	3,50	2,40 | 2,60	107	3,10	1,30 | 1,50	65,4 | 56,3	2301 | 2475
2		1,40					1296
1	4,00	2,40 | 2,60	107	3,60	1,30 | 1,50	57,2 | 49,3	2561 | 2745
2		1,40					1516

* The char. system resistance is based on the indicated PC-height.

► **Other lengths on request**

■ Standard Spindle

Number intermediate pipe	Working width WW (m)	Trench width TW (m)	Char. compressive axial force Fk (kN)	Weight complete (kg)
0	0,98 - 1,27	1,19 - 1,48	943	65
1	1,48 - 1,77	1,69 - 1,98	673	86
2	1,98 - 2,27	2,19 - 2,48	517	107
3	2,48 - 2,77	2,69 - 2,98	269	128
4	2,98 - 3,27	3,19 - 3,48	202	149
5	3,48 - 3,77	3,69 - 3,98	165	170
6	3,98 - 4,27	4,19 - 4,48	121	191
7	4,48 - 4,77	4,69 - 4,98	99	212

► Transformation profile - special solution