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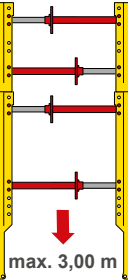
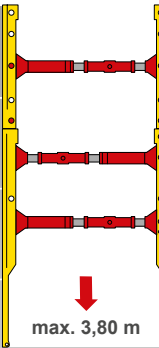
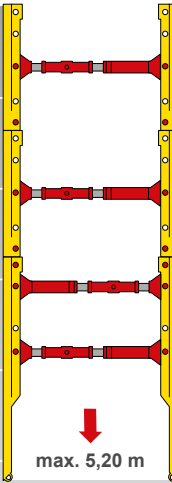
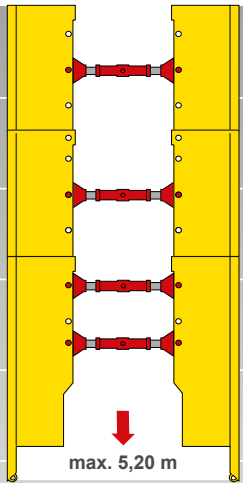
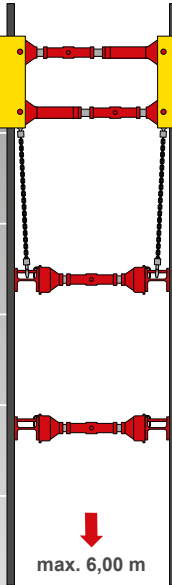
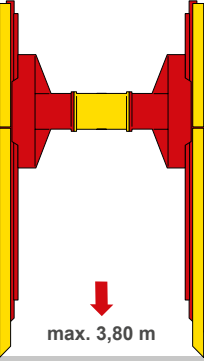
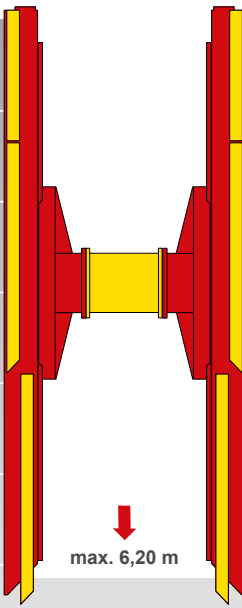
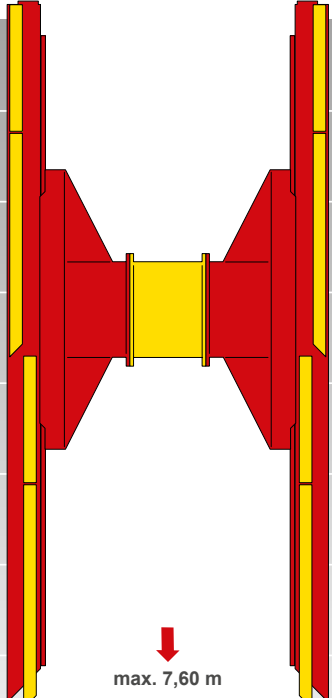
UDLEJNING & SALG



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KASSEN TIL ENTREPRENØREN

► Trench Shoring Systems - Overview

PLACE AND ADJUST METHOD		LOWER AND CUT METHOD						
	Type 100 Light Weight Shoring Page 6 - 7	Type 300 Light Box Shoring Page 8 - 9	Type 600 Standard Box Shoring Page 10 - 11	Type 600 Manhole Box Shoring Page 12 - 13	Type 400 Pile Chamber Page 14 - 15	Single Slide Rail Shoring Page 16 - 17	Double Slide Rail Shoring Standard Page 18 - 19	Double Slide Rail Shoring XL Page 20 - 21
1m	 max. 3,00 m	 max. 3,80 m	 max. 5,20 m	 max. 5,20 m	 max. 6,00 m	 max. 3,80 m	 max. 6,20 m	 max. 7,60 m
2m								
3m								
4m								
5m								
6m								
7m								
8m								
9m								
10m	9 - 13 t	Base element 12 - 18 t with Top element 18 - 30 t	Base element 12 - 18 t with Top element 18 - 30 t	18 - 30 t	9 - 13 t	18 - 30 t	24 - 31 t	up to 6,2 m 24 - 31 t at depths from 6,2 m 30 - 50 t

SPECIAL SOLUTIONS

► on request



FURTHER CONTENT



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Adjustable clamping device

Slide Rail Plates 24
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ISCHEBECK Gigant
Aluminium trench sheet

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ISCHEBECK
Gigant / Titan / Terra



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Trench sheets, Sheet Piles



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Fall Protection Equipment



Mobile Road System 30 - 33
ground protection tiles

Supporting Equipment 34
Pipe grabs
Hydraulic pipe pullers

Certificates 35
Proven Quality

► Trench Shoring Systems - Production

Vi forsyner de danske entreprenører med gravekasser og andet entreprenørmateriel fra vores tyske leverandør, TWF i Heinsberg.

Vi tilbyder dag-til-dag levering på de mest gængse gravekasser.

Vi har over 35 års erfaring fra branchen og vi kender derfor vores kunders behov og de problemer der kan være på byggepladsen.

Vi har alt fra letvægts-gravekasser til slide rail systemer ned til 9 m, samt spuns-/ og alu-systemer.

Vi leverer over hele skandinavien.

Ring hvis du mangler kassen - telefon: 71 96 92 30



► Heinsberg - Germany



The **experience** of our motivated employees and the use of **high performance welding machines** ensure the excellent quality of production.

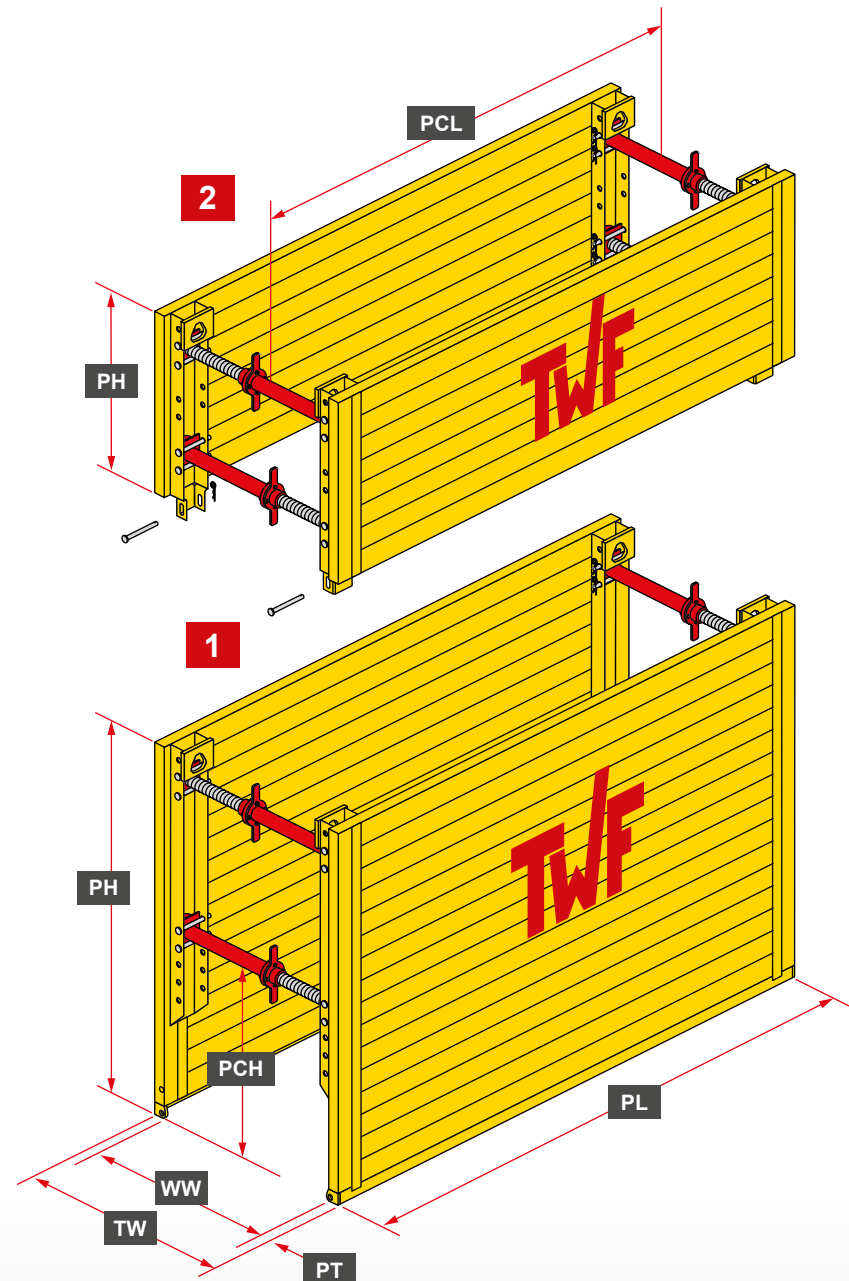
Our steel trench shoring are designed and built according to **latest international standards and safety regulations**. We know about the tough reality at site and therefore we reinforced our equipment where needed to extend the lifetime and reduce maintenance cost.



► 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**
- Trench width: **0,66 - 2,23 m**
- Pipe clearance height: **0,94 m**



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

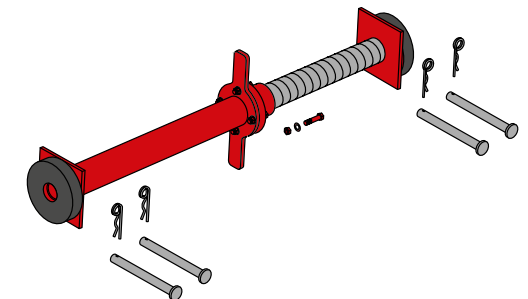
► Light Weight Shoring Type 100

Element	Plate length PL (m)	Plate height PH (m)	Plate 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 / 2,40 / 2,60	60	1,60	0,94*	47,8	570 / 674 / 766 / 812
2		0,60 / 1,00					310 / 470
1	2,50	1,60 / 2,00 / 2,40 / 2,60	60	2,10	0,94*	38,3	634 / 774 / 914 / 984
2		0,60 / 1,00					370 / 568
1	3,00	1,60 / 2,00 / 2,40 / 2,60	60	2,60	0,94*	31,9	736 / 904 / 1068 / 1150
2		0,60 / 1,00					430 / 536
1	3,50	1,60 / 2,00 / 2,40 / 2,60	60	3,10	0,94*	27,3	830 / 1040 / 1200 / 1280
2		0,60 / 1,00					490 / 592

* PH: 1,60 m / 2,00 m

Light Weight Spindle

Type	Working width WW (m)		Trench width TW (m)		Safe working load (kN)	Weight complete (kg)
	min.	max.	min.	max.		
A	0,53	0,73	0,66	0,86	160	13,2
B	0,71	1,07	0,84	1,20	147	16,0
C	1,05	1,65	1,18	1,78	124	19,5
D	1,50	2,10	1,63	2,23	107	22,5



Telescopic Strut

Type	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	9,5
1	0,82	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	31,5



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

► Trench Shoring Systems

Light Box Shoring Type 300

- For **medium trench shoring** with light construction machinery
- 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: **3,80 m**
- Trench width: **1,11 - 4,40 m**
- Pipe clearance height: **1,27 m**



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

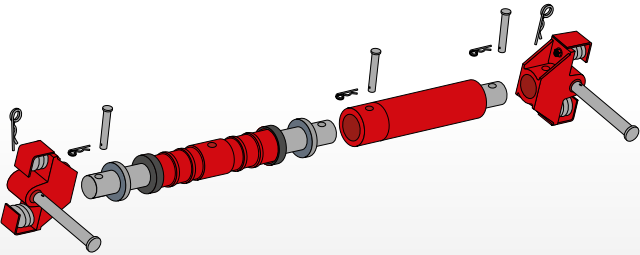
► Light Box Shoring Type 300

Element	Plate length PL (m)	Plate height PH (m)	Plate thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. System resistance R_k (kN/m ²)	Weight c/w spindle (kg/box)
1	2,00	2,00 / 2,40 / 2,60	60	1,60	1,14 / 1,28 / 1,28	68,1 / 49,3 *	1051 / 1205 / 1281
2		1,40				68,05	665
1	2,50	2,00 / 2,40 / 2,60	60	2,10	1,14 / 1,28 / 1,28	55,4 / 39,4 *	1245 / 1431 / 1523
2		1,40				55,4	797
1	3,00	2,00 / 2,40 / 2,60	60	2,60	1,14 / 1,28 / 1,28	45,4 / 32,9 *	1437 / 1661 / 1773
2		1,40				45,4	929
1	3,50	2,00 / 2,40 / 2,60	60	3,10	1,14 / 1,28 / 1,28	34,3 / 28,2 *	1539 / 1779 / 1899
2		1,40				34,3	1061
1	4,00	2,00 / 2,40	60	3,60	1,14 / 1,28 / 1,28	25,0	1719 / 2007
2		1,40				25,0	1061

* The Char. System resistance is based on the indicated PC-height.

Standard Spindle

Number intermediate pipe	Working width WW (m)	Trench width TW (m)	Safe working load (kN)	Weight complete (kg)
0	0,98 – 1,27	1,11 – 1,40	468	65
1	1,48 – 1,77	1,61 – 1,90	403	86
2	1,98 – 2,27	2,11 – 2,40	348	107
3	2,48 – 2,77	2,61 – 2,90	299	128
4	2,98 – 3,27	3,11 – 3,40	254	149
5	3,48 – 3,77	3,61 – 3,90	210	170
6	3,98 – 4,27	4,11 – 4,40	165	191



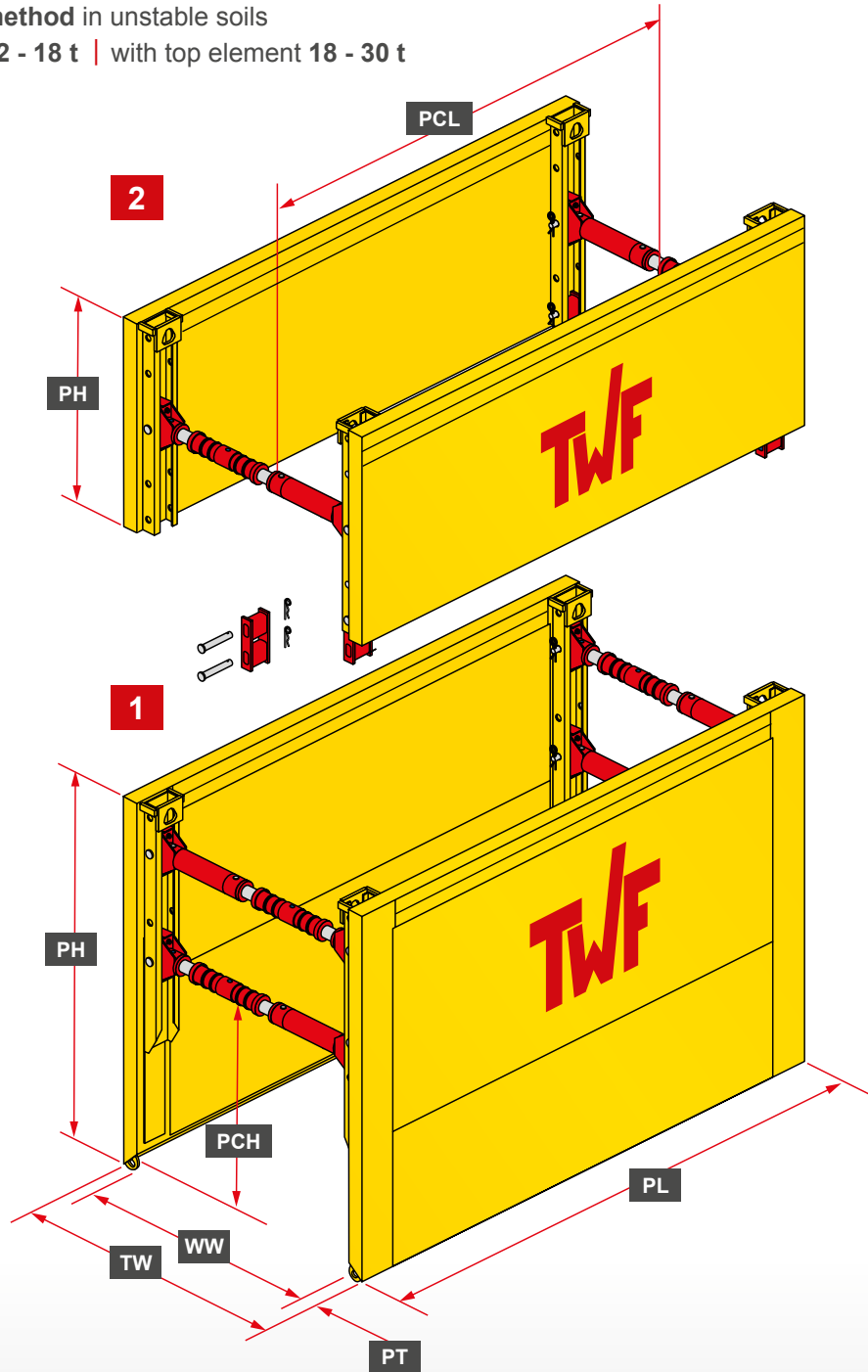
► Trench Shoring Systems

Standard Box Shoring 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**
- Trench width: **1,20 - 4,49 m**
- Pipe clearance height: **1,50 m**



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



► Standard Box Shoring Type 600

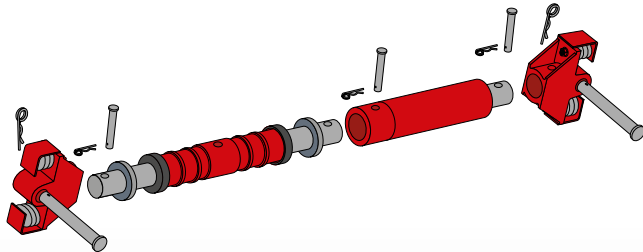
Element	Plate length PL (m)	Plate height PH (m)	Plate thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. System resistance R_k (kN/m²) *	Weight c/w spindle (kg/box)
1	3,00	2,40 / 2,60	107	2,60	1,30 / 1,50	65,7 / 76,3 *	2007 / 2151
2		1,40					1121
1	3,50	2,40 / 2,60	107	3,10	1,30 / 1,50	56,3 / 65,4 *	2289 / 2463
2		1,40					1289
1	4,00	2,40 / 2,60	107	3,60	1,30 / 1,50	49,3 / 57,2 *	2549 / 2733
2		1,40					1509

* 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)	Safe working load (kN)	Weight complete (kg)
0	0,98 – 1,27	1,20 – 1,49	468	65
1	1,48 – 1,77	1,70 – 1,99	403	86
2	1,98 – 2,27	2,20 – 2,49	348	107
3	2,48 – 2,77	2,70 – 2,99	299	128
4	2,98 – 3,27	3,20 – 3,49	254	149
5	3,48 – 3,77	3,70 – 3,99	210	170
6	3,98 – 4,27	4,20 – 4,49	165	191



► Transformation Profile - special solution



REJNSTRUP
GRAVEKASSER
ENTREPRENØRMATERIEL
www.regr.dk

Transformationsprofil

Fra Rejnstrup

Øger rør diameteren fra ø 1500
til ø 2300

Dette system benyttes, hvor den
traditionelle gravekasse må give
op.

Med profilerne på gravekasserne
hæver man den nederste spindel,
hvilket gør man kan få plads til et rør
med udvendig diameter på ø 2300.

Man kan benytte profilerne op til
5,20 meters dybde.

Profilerne vejer 500 kg stykket.



Rejnstrup - vi har kassen

RING
Tlf: 71 96 92 30
for mere information.
www.regr.dk

Fra
Ø 1500
op til
Ø 2300

Hæver man den
nederste spindel, kan
man få plads til et rør med
udvendig diameter på
Ø 2300

RING NU

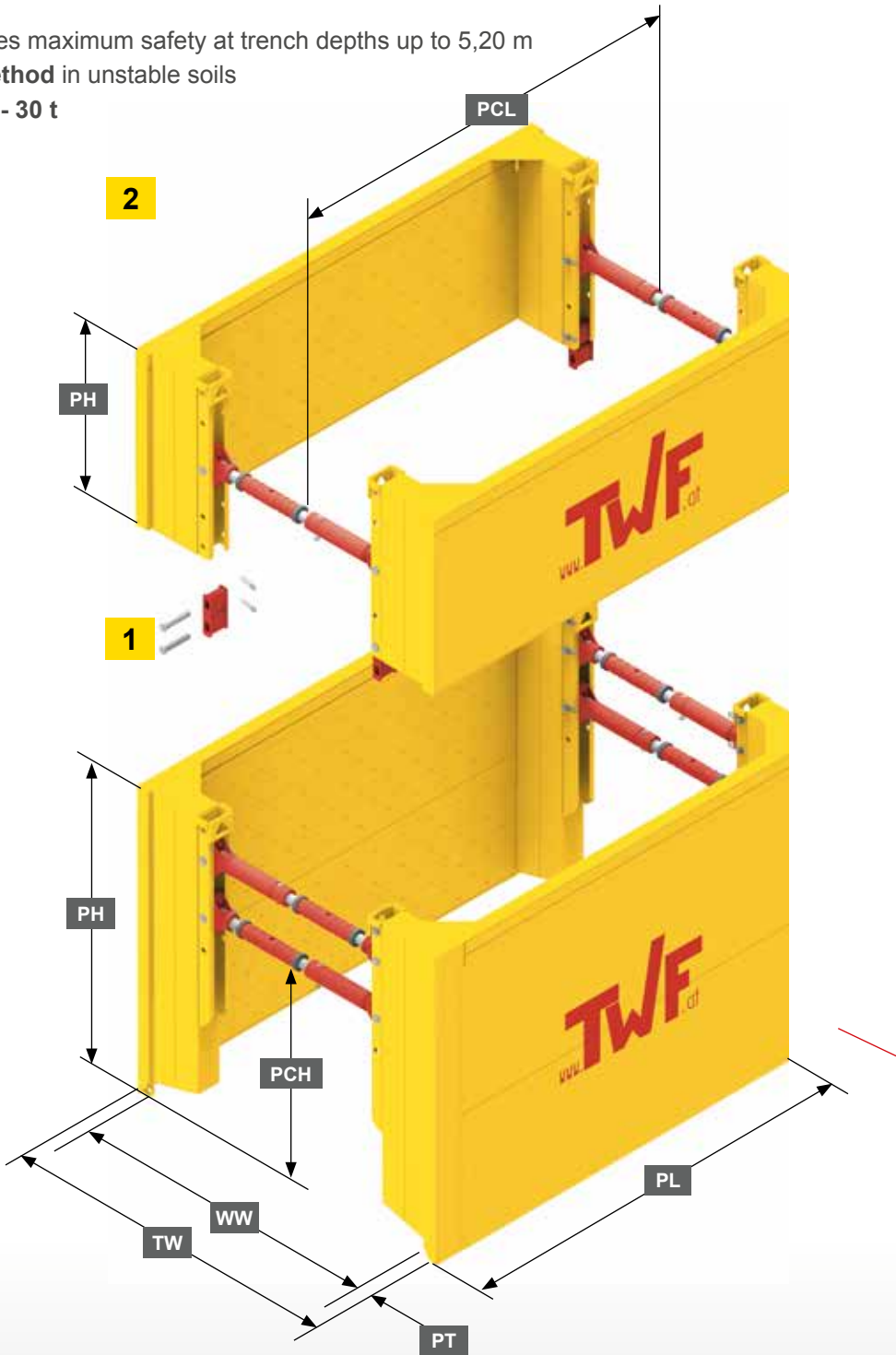
og få et godt tilbud.

Tlf: 71 96 92 30

► Trench Shoring Systems

Manhole Box Shoring Type 600

- **Solid and hard wearing** - ensures maximum safety at trench depths up to 5,20 m
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: **18 - 30 t**
- Maximum trench depth: **5,20 m**
- Trench width: **2,00 - 5,29 m**
- Pipe clearance height: **1,50 m**



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

► Manhole Box Shoring Type 600

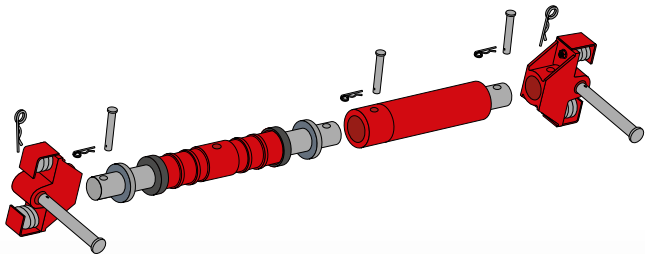
Element	Plate length PL (m)	Plate height PH (m)	Plate thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. System resistance R_s (kN/m²) *	Weight c/w spindle (kg/box)
1	3,00	2,40	107	2,60	1,30 / 1,50	65,7 / 76,3 *	2623
2		1,40					1599
1	3,50	2,40	107	3,40	1,30 / 1,50	56,3 / 65,3 *	2968
2		1,40					1706
1	4,00	2,40	107	3,60	1,30 / 1,50	49,2 / 57,2 *	3221
2		1,40					1853

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

► Other lengths on request!

Standard Spindle

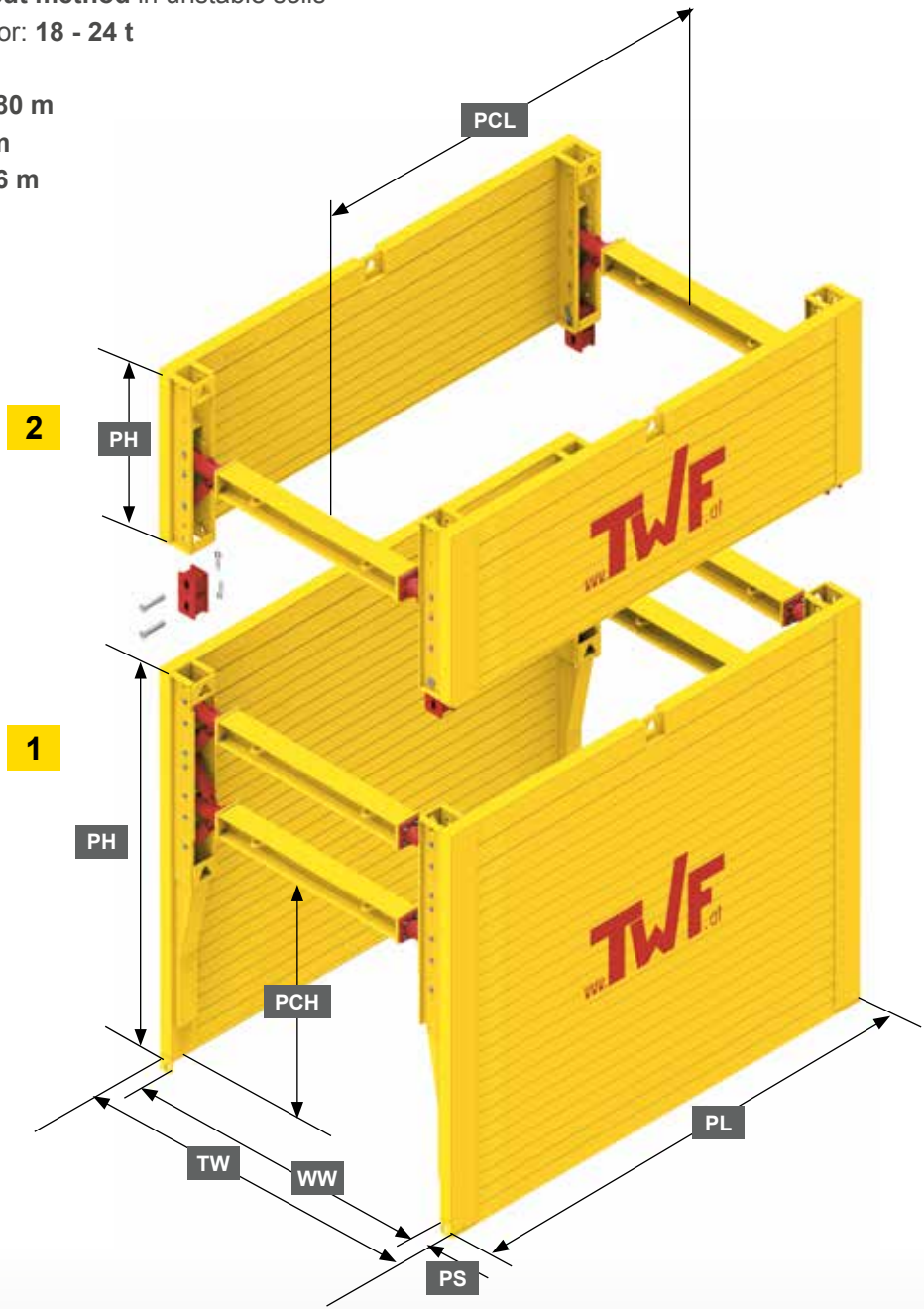
Number intermediate pipe	Working width WW (m)	Trench width TW (m)	Safe working load (kN)	Weight complete (kg)
0	1,78 - 2,07	2,00 - 2,29	468	65
1	2,28 - 2,57	2,50 - 2,79	403	86
2	2,78 - 3,07	3,00 - 3,29	348	107
3	3,28 - 3,57	3,50 - 3,79	299	128
4	3,78 - 4,07	4,00 - 4,29	254	149
5	4,28 - 4,57	4,50 - 4,79	210	170
6	4,78 - 5,07	5,00 - 5,29	165	191



► Trench Shoring Systems

XL-BOX Type 690

- Cost-efficient construction processes with the highest degree of safety and high pipe clearance at trench depths up to **5,80 m**.
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: **18 - 24 t** with top element: **22 - 30 t**
- Maximum trench depth: **5,80 m**
- Trench width: **0,97 - 6,05 m**
- Pipe clearance height: **2,06 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

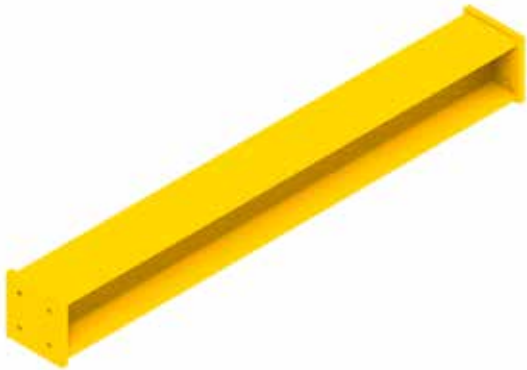
► XL-BOX Type 690

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_x (kN/m ²)	Weight c/w spindle (kg/box)
1	2,00	3,15	100	1,60	2,06	40	2204
2		1,32					1102
1	2,50	3,15	100	2,10	2,06	40	2470
2		1,32					1248
1	2,90	3,15	100	2,50	2,06	40	2682
2		1,32					1364
1	3,40	3,15	100	3,00	2,06	40	2948
2		1,32					1508
1	3,70	3,15	100	3,30	2,06	40	3108
2		1,32					1596

► Other lengths on request!

■ Strut Extensions HEB 180

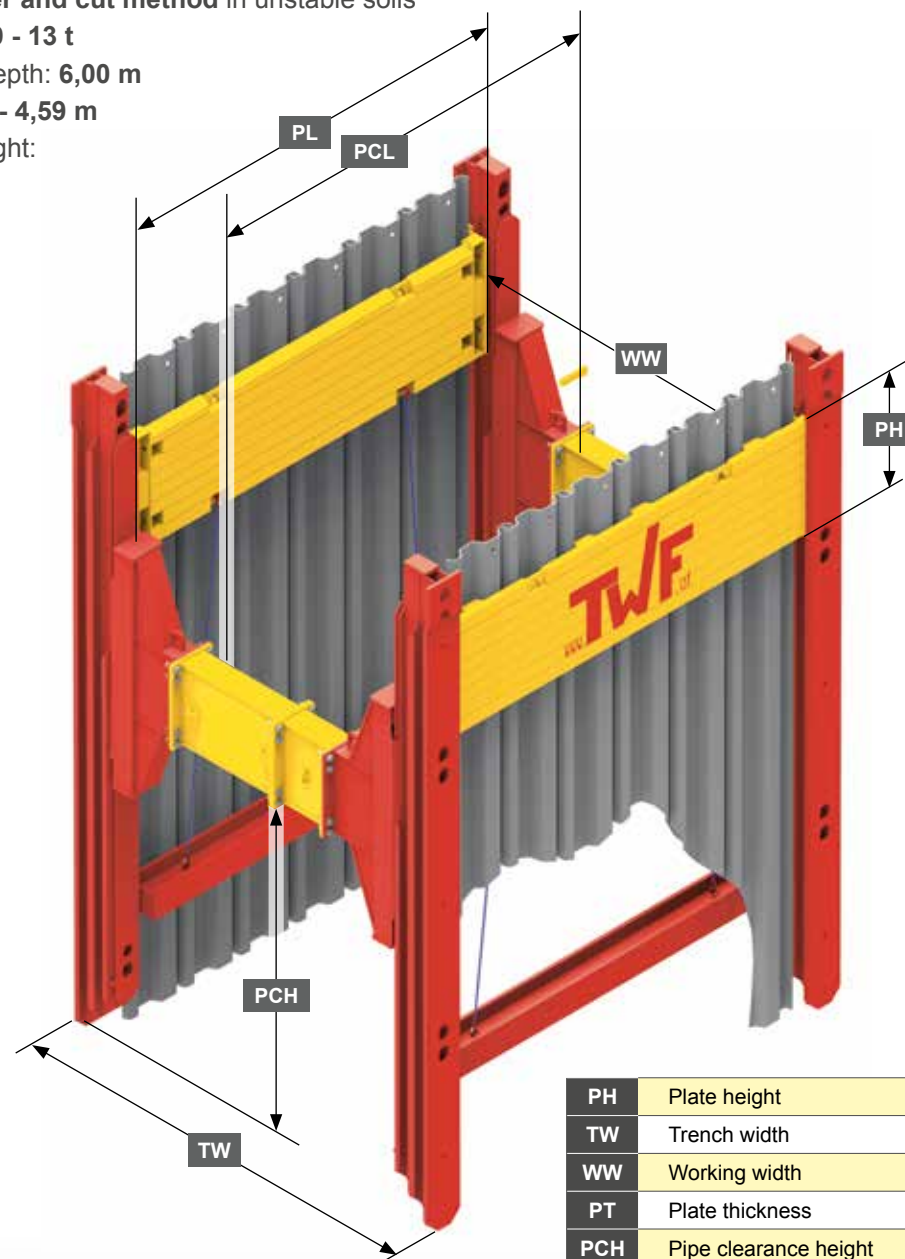
- Strut extension lengths:
0,275 | 0,550 | 1,100 | 1,650 | 2,200 m
Customised lengths on request



► Trench Shoring Systems

| Pile Chamber Type 400 |

- Combined System (plates and trench sheets) applicable where supply lines are crossing. Also possible in combination with slide rail shoring
- Installation by lower and cut method in unstable soils
- Mobile excavator: 9 - 13 t
- Maximum trench depth: 6,00 m
- Trench width: 1,30 - 4,59 m
- Pipe clearance height:



PH	Plate height
TW	Trench width
WW	Working width
PT	Plate thickness
PCH	Pipe clearance height
PL	Plate length
PCL	Pipe clearance length



End hooks for steel walings
special solution

► Pile Chamber Type 400

Plate-length PL (m)	Plate height with guide PH (m)	PC-length PCL (m)	Quantity Trench sheets (n / plate)	Permissible beam load (kN/m)	Weight Plate (kg)	Weight Box (kg)
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► PC Type 100 with light weight spindle „B“ + Trench sheets KD 4

2,10	0,60	1,70	5	45,70	274	612
2,50	0,60	2,10	6	30,56	318	700
2,90	0,60	2,50	7	21,86	363	790

► PC Typ 400 with standard spindle + Trench sheets KD 6*

2,80	1,00	2,50	5	132,80	613	1309
3,40	1,00	3,00	6	90,04	689	1461
3,90	1,00	3,50	7	67,82	849	1781

► PC Typ 400 for slide rails + Trench sheets KD 6

2,00	1,00	1,80	3	n.B	487	-
2,50	1,00	2,30	4	169,54	582	-
3,00	1,00	2,80	5	116,02	677	-
3,50	1,00	3,30	6	80,52	778	-
4,00	1,00	3,80	7	61,53	873	-
5,00	1,00	4,80	9	69,52	1250	-

* Design with KD 4 on request.

► Special lengths and inner plates 170 mm are available on request!



| Standard Spindle |

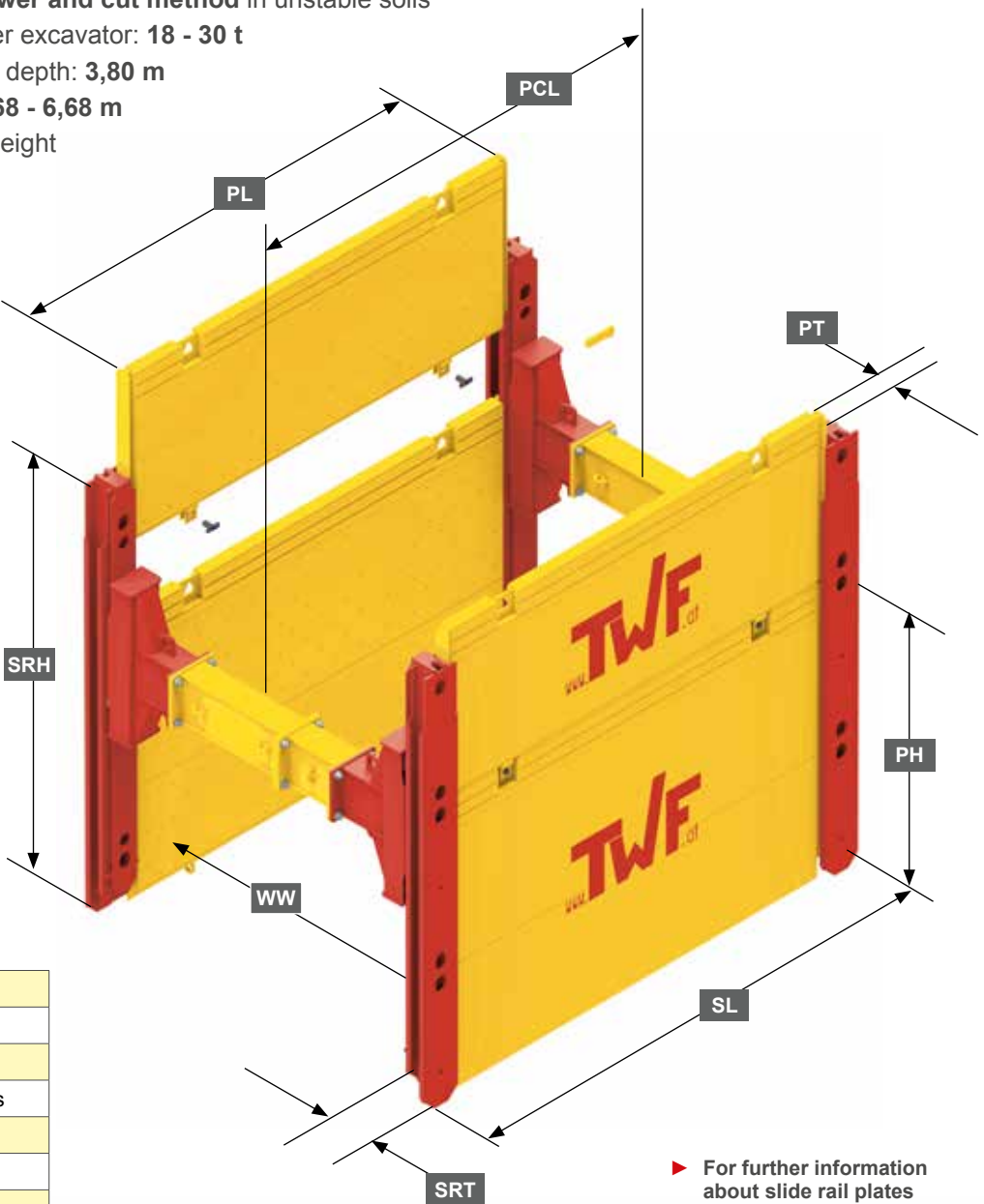
Number intermediate pipe	Working width WW (m)		Trench width TW (m)	Safe working load (kN)	Weight complete (kg)
Trench sheets Inner plates					
0	1,00 – 1,29	0,76 – 1,05	1,30 – 1,59	468	65
1	1,50 – 1,79	1,26 – 1,55	1,80 – 2,09	403	86
2	2,00 – 2,29	1,76 – 2,05	2,30 – 2,59	348	107
3	2,50 – 2,79	2,26 – 2,55	2,80 – 3,09	299	128
4	3,00 – 3,29	2,76 – 3,05	3,30 – 3,59	254	149
5	3,50 – 3,79	3,26 – 3,55	3,80 – 4,09	210	170
6	4,00 – 4,29	3,76 – 4,05	4,30 – 4,59	165	191



► Trench Shoring Systems

Single Slide Rail Shoring

- Usage at **high pipe clearances** - slide rail plates in **one guide rail** - rolling struts are movable - it ensures the best possible use of the **working area**
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: **18 - 30 t**
- Maximum trench depth: **3,80 m**
- Trench width: **1,68 - 6,68 m**
- Pipe clearance height



PL	Plate length
SRH	Slide rail height
WW	Working width
SRT	Slide rail thickness
SL	System length
PH	Plate height
PT	Plate thickness
PCL	Pipe clearance length

► For further information about slide rail plates see [page 24](#)

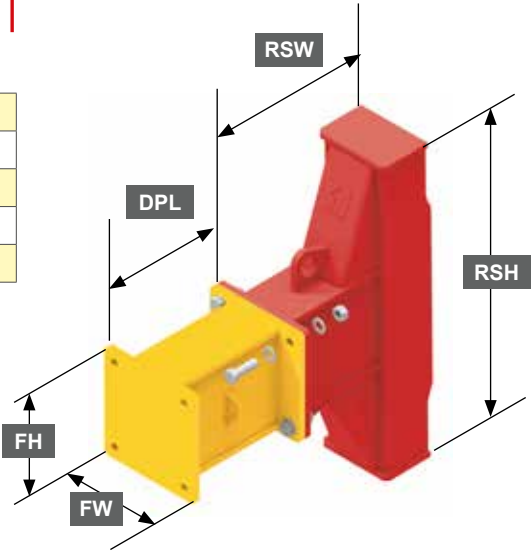
► Single Slide Rail Shoring

Element	Slide rail height SRH (m)	Weight (kg)	Slide rail thickness SRT (mm)	Char. System resistance
Slide rail	3,50	540	220	460,0 kNm
Corner rail		350	275	130,9* kN/m

* Slide rail force each side

Rolling Strut

RSW	Rolling Strut width
DPL	Distance piece length
FH	Flange height
FW	Flange width



Rolling Strut	
Height RSH (m)	1,24
Width RSW (m)	0,62
Flange width FW (mm)	405
Flange height FH (mm)	420
Weight / RS-pair (kg)	620
min. Working width WW (m)	1,24

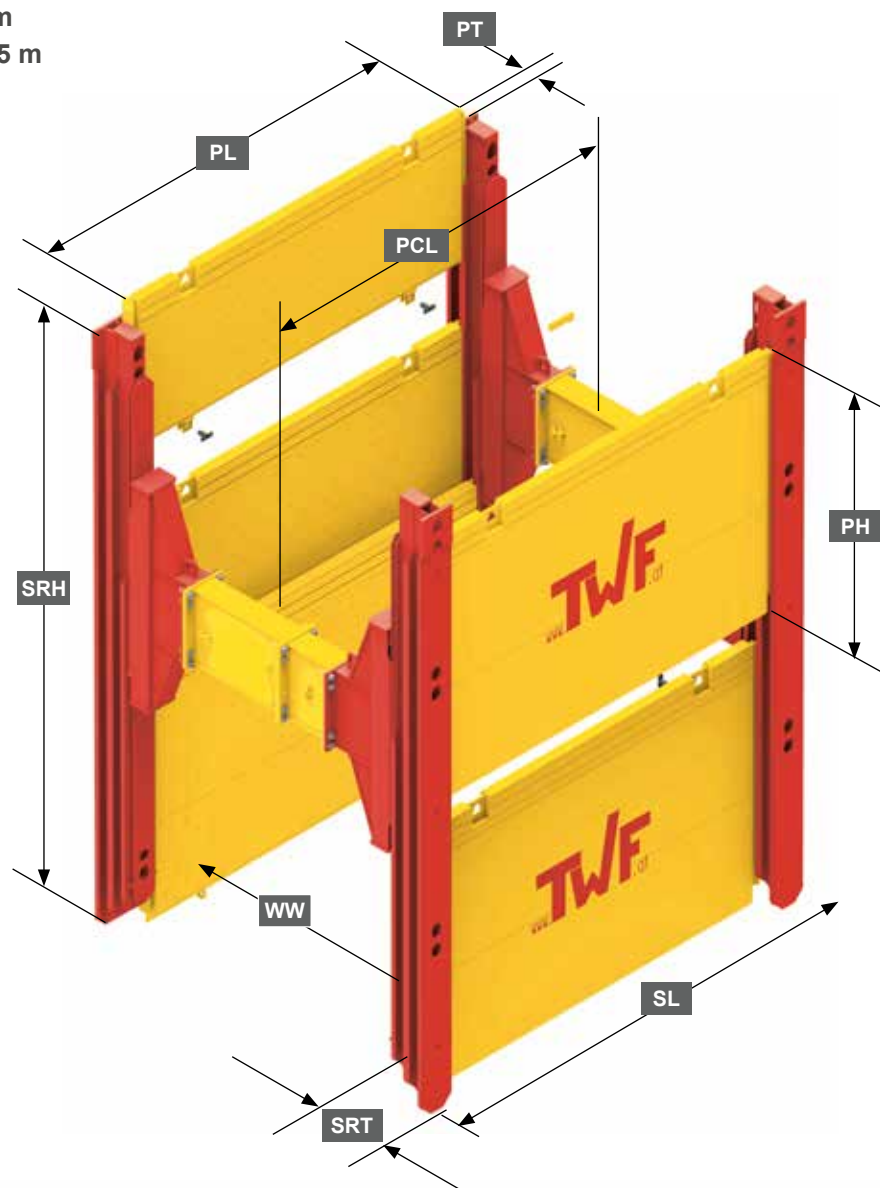
Distance piece	
Lenght DPL (m)	0,25 0,50 0,75 1,00 2,00 3,00
Weight (kg)	99 128 157 185 303 421



► Trench Shoring Systems

Double Slide Rail Standard

- Slide rail plates in **two guide rails** - for flexible use in several fields
- Installation by **lower and cut method** in unstable soils - easy dismantling
- Crawler excavator: **24 - 31 t**
- Maximum trench depth: **6,20 m**
- Trench width: **1,99 - 8,99 m**
- Pipe clearance height: **2,95 m**



PL	Panel length
SRH	Slide rail height
WW	Working width
SRT	Slide rail thickness
SL	System length
PH	Panel height
PT	Panel thickness
PCL	Pipe clearance length

► For further information about slide rail panels see **page 28**

► Double Slide Rail

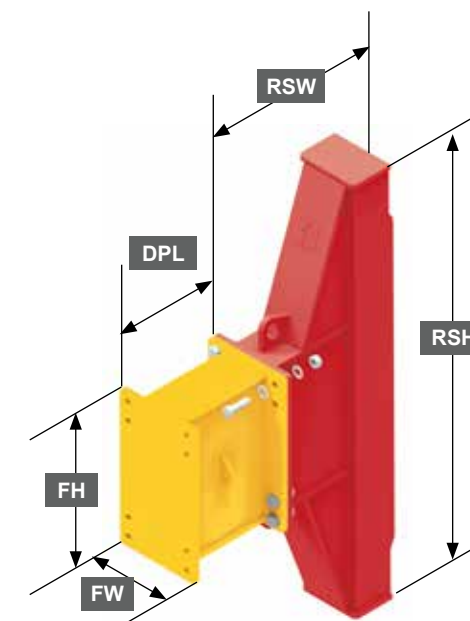
Element	Slide rail height SRH (m)	Weight (kg)	Slide rail thickness SRT (mm)	Char. System resistance
Slide rail	4,50	960	375	949,2 kNm
	5,50	1176		
	6,00	1266		
	6,50	1383		
Corner rail	4,50	810	430	130,9* kN/m
	5,50	957		

* Slide rail force each side



Rolling Strut Standard

RSH	Rolling Strut height
RSW	Rolling Strut width
DPL	Distance piece length
FH	Flange height
FW	Flange width



Rolling Strut - Standard	
Height RSH (m)	2,04
Width RSW (m)	0,50*
	0,62
Flange width FW (mm)	405
Flange height FH (mm)	720
Weight / RS-pair (kg)	980
min. Working width WW (m)	1,24

*Special width on request

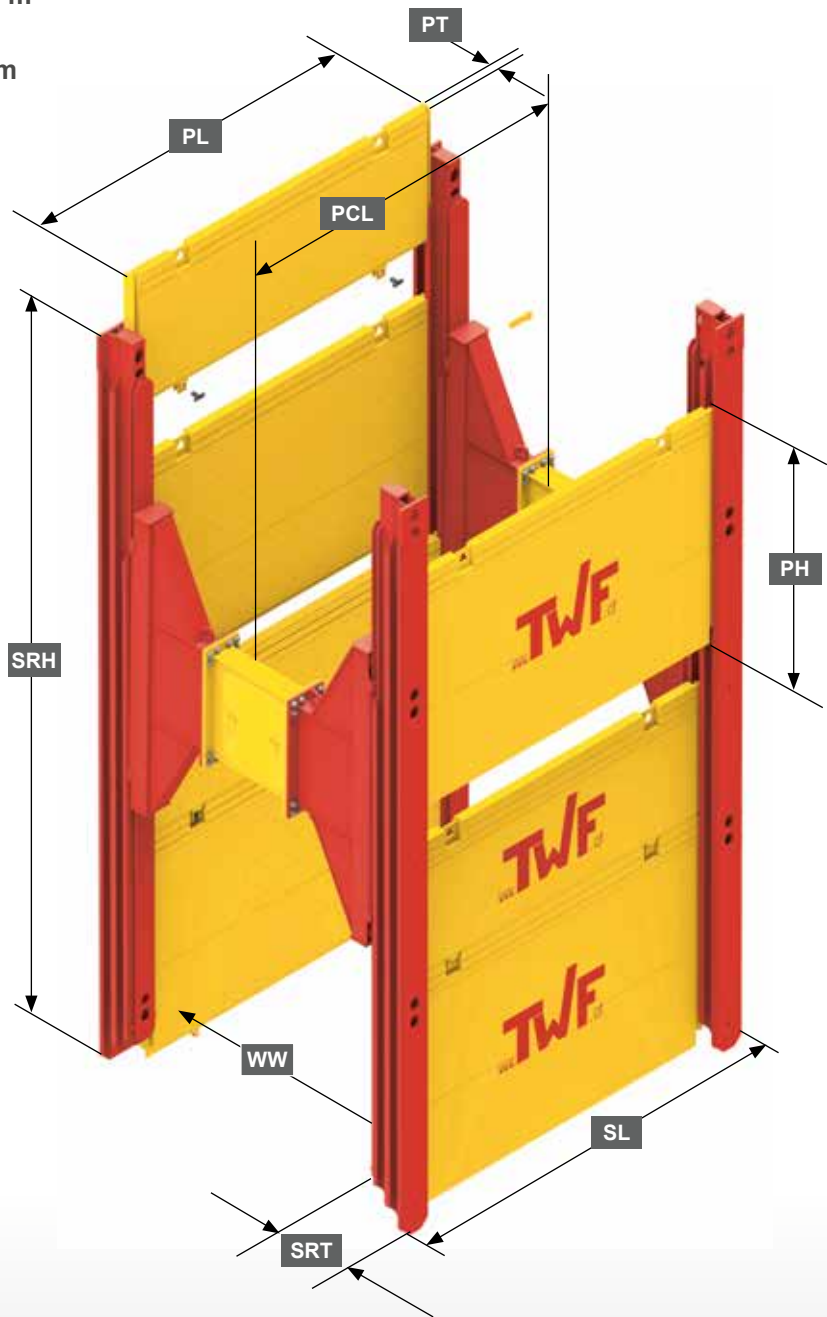
Distance piece - Standard						
Lenght DPL (m)	0,25	0,50	0,75	1,00	2,00	3,00
Weight (kg)	163	202	245	277	437	597



► Trench Shoring Systems

Double Slide Rail XL

- Slide rail plates in **two guide rails** - for **flexible use** in **several fields**
- Installation by **lower and cut method** in unstable soils - **easy dismantling**
- Crawler excavator at depths up to 6,2 m: **24 - 31 t** | at depths from 6,2 m: **30 - 50 t**
- Maximum trench depth: **7,60 m**
- Trench width: **2,64 - 9,64 m**
- Pipe clearance height: **3,95 m**



PL	Plate length
SRH	Slide rail height
WW	Working width
SRT	Slide rail thickness
SL	System length
PH	Plate height
PT	Plate thickness
PCL	Pipe clearance length

► For further information
about slide rail plates
see **page 24**

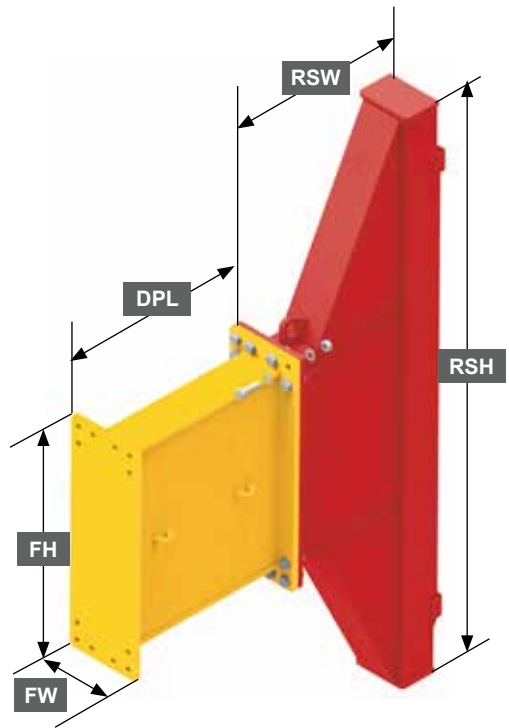
► Double Slide Rail

Element	Slide rail height SRH (m)	Weight (kg)	Slide rail thickness SRT (mm)	Char. System resistance
Slide rail	6,50	1418	405	949,2 kNm
	7,50	1636		
Corner rail	6,50	1188	430	130,9* kN/m
	7,50	1338		

* Slide rail force each side
* Slide rail force each side

Rolling Strut
Rolling Strut XL

RSH	Rolling Strut height
RSW	Rolling Strut width
DPL	Distance piece length
FH	Flange height
FW	Flange width



Rolling Strut - XL	
Height RSH (m)	3,04
Width RSW (m)	0,92
Flange width FW (mm)	405
Flange height FH (mm)	1220
Weight / RS-pair (kg)	1700
min. Working width WW (m)	1,83

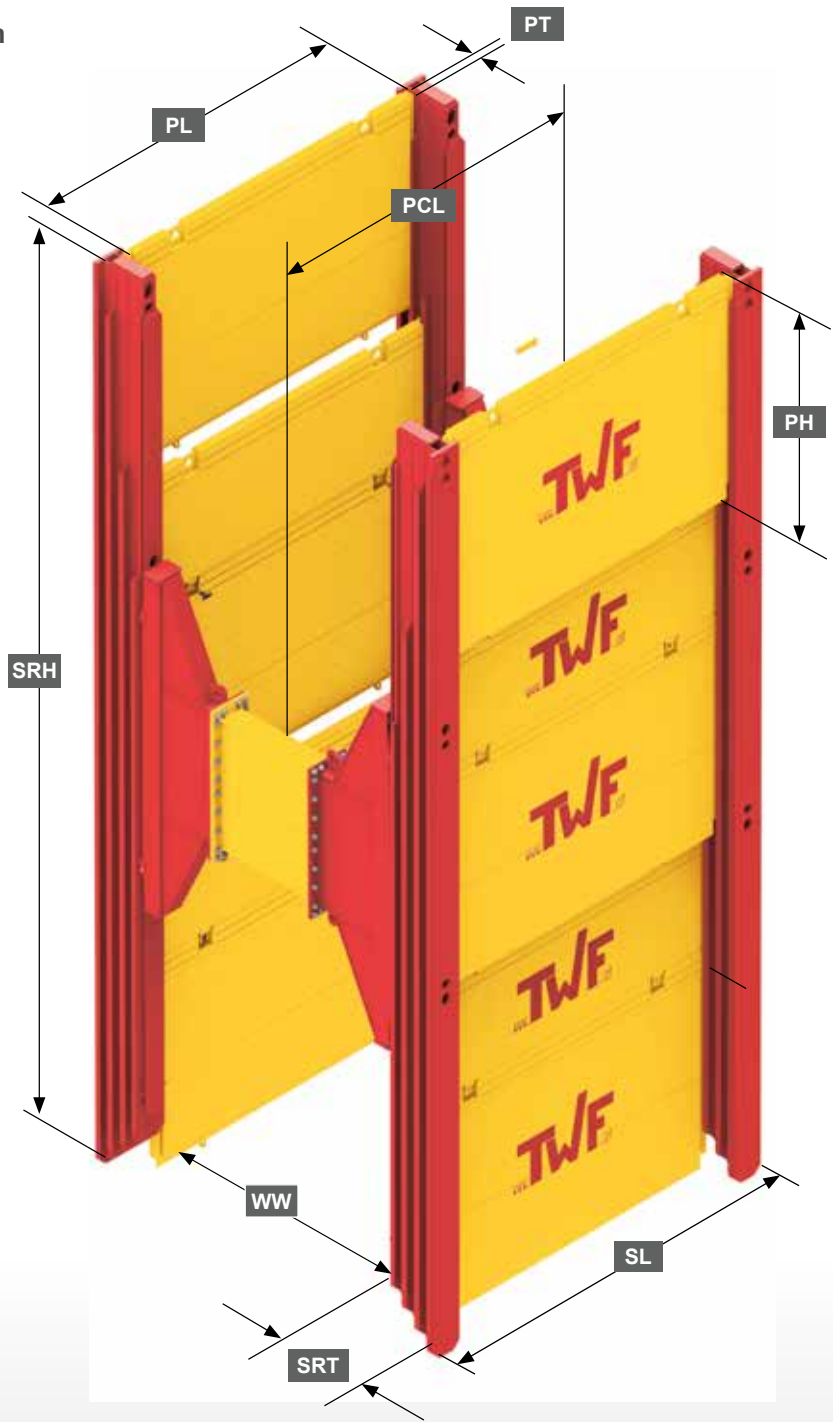
Distance piece - XL						
Lenght DPL (m)	0,25	0,50	0,75	1,00	2,00	3,00
Weight (kg)	306	363	418	475	714	960



► Trench Shoring Systems

Tripple slide rail XXL

- Slide rail panels in three guide rails - for very deep construction projects
- Installation by lower and cut method in unstable soils - easy dismantling
- Crawler excavator: 50 t
- Maximum trench depth: 10,00 m
- Trench width: 3,14 - 13,64 m
- Pipe clearance height: 5,50 m



PL	Panel length
SRH	Slide rail height
WW	Working width
SRT	Slide rail thickness
SL	System length
PH	Panel height
PT	Panel thickness
PCL	Pipe clearance length

► For further information
about slide rail panels
see [page 28](#)

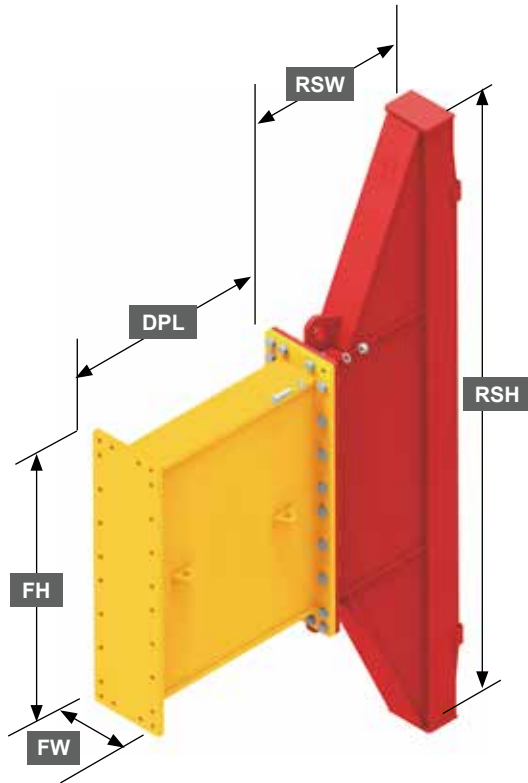
► Shaft and Manhole Shoring

Element	Slide rail height SRH (m)	Weight (kg)	Slide rail thickness SRT (mm)	Char. system resistance
Slide rail	10,00	4446	590	1858,0 kN/m
Corner rail	10,00	3347	586	130,9* kN/m

* Slide rail force each side

Rolling Strut XXL

RSR	Rolling strut height
RSW	Rolling strut width
DPL	Distance piece length
FH	Flange height
FW	Flange width



Rolling strut - XXL	
Height RSH (m)	3,66
Width RSW (m)	0,93
Flange width FW (mm)	454
Flange height FH (mm)	1635
Weight / RS-pair (kg)	2160
min. Working width WW (m)	1,86

Distance piece - XXL						
Length DPL (m)	0,25	0,50	0,75	1,00	2,00	3,00
Weight (kg)	417	518	618	723	1125	1528



► Trench Shoring Systems

► Shaft and Manhole Shoring

Shaft and Manhole Shoring

► Working widths

from 2,0 x 2,0 m up to 7,0 x 7,0 m **without struts**.

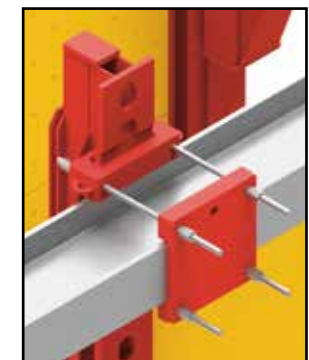
Further information on request!



► Adjustable clamping device

Large excavations require the use of an adjustable clamping device so that they can be built without struts.

Further information on request!



► For further information about slide rail panels see [page 28](#)

► Trench Shoring Systems

Slide Rail Panels

1	Base panel
2	Top panel

2

1



Element	Panel length PL (m)	Panel height PH (m)	Panel thickness PT (mm)	PC-length PCL (m)	System length (m)	Char. system resistance R _s (kN/m ²)	Weight (kg)
1	2,00	2,40	107	1,80	2,27	220,2	575
2		1,40					367
1	2,50	2,40	107	2,30	2,77	141,2	660
2		1,40					434
1	3,00	2,40	107	2,80	3,27	97,9	828
2		1,40					521
1	3,50	2,40	107	3,30	3,77	72,0	966
2		1,40					608
1	4,00	2,40	107	3,80	4,27	55,1	1105
2		1,40					694
1	4,50	2,40	130	4,30	4,77	78,5	1530
2		1,40					1010
1	5,00	2,40	130	4,80	5,27	63,6	1788
2		1,40					1239
1	5,50	2,40	130	5,30	5,77	52,6	1967
2		1,40					1200
1	6,00	2,40	130	5,80	6,27	44,1	1980
2		1,40					1490
1	6,50	2,40	150	6,30	6,77	45,0	2650
2		1,40					1810
1	7,00	2,40	150	6,80	7,27	38,8	2850
2		1,40					1950

► Panels for HEAVY DUTY on request

► Aluminium letvægts-spuns



ALU-SPUNS Gravekasse

Krydsfinerplader som spuns er besværligt, tidskrævende og for dyrt.

Benyt istedet en alu-spuns gravekasse for at sikre din udgravning på en let og sikker måde.

- Kassen samles på under 10 minutter.
- Kassen kan håndteres af 1 mand.
- Kassen vejer ca. 400 kg.
- Pladetryk: 25 kN/m²

Kassen er utrolig fleksibel ved svære graveopgaver, hvor der er rør og stikledninger på kryds og tværs.



RING
Tlf: 71 96 92 30
for mere information.
www.regr.dk

► Trench Struts

► Trench Shoring Profiles

Trench Struts

ISCHEBECK®

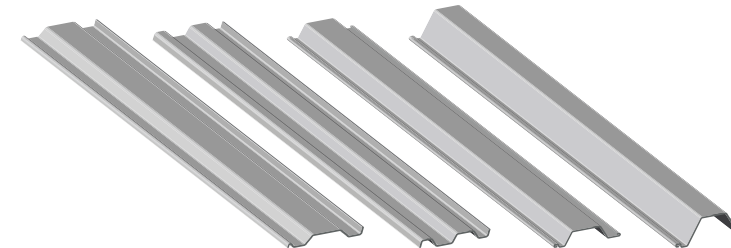
Type	Adjustment	Safe working load	Weight
GIGANT with hook-type angle from HEB 140 - 300 mm			
Gi-S 120	0,70 - 1,20 m	210,0 - 177,3 kN	26,00 kg
Gi-S 170	1,05 - 1,70 m	210,0 - 177,3 kN	32,00 kg
Gi-S 210	1,40 - 2,10 m	184,4 - 156,1 kN	36,00 kg
Gi-S 260	1,90 - 2,60 m	176,3 - 139,7 kN	40,00 kg
Gi-S 310	2,40 - 3,10 m	156,8 - 138,1 kN	45,00 kg
Gi-SV 210	1,40 - 2,10 m	548,0 - 290,0 kN	77,80 kg
Gi-SV 260	1,90 - 2,60 m	471,0 - 260,0 kN	89,00 kg
Gi-SV 310	2,40 - 3,10 m	424,0 - 270,0 kN	100,30 kg
Gi-SV 380	3,10 - 3,80 m	390,0 - 258,0 kN	116,00 kg
Gi-SV 450	3,80 - 4,50 m	344,0 - 262,0 kN	131,80 kg

Type	Adjustment	Safe working load	Weight
TITAN with support angle for 140/160 mm			
Titan 48/120	0,70 - 1,17 m	63 - 48 kN	8,58 kg
Titan 48/150	0,90 - 1,50 m	61 - 45 kN	10,25 kg
Titan 48/210	1,20 - 2,10 m	60 - 38 kN	12,90 kg
Titan 60/150	0,90 - 1,50 m	100 - 99 kN	16,20 kg
Titan 60/200	1,40 - 2,00 m	100 - 93 kN	19,40 kg
Titan 60/250	1,90 - 2,50 m	95 - 84 kN	22,10 kg
Titan 60/300	2,40 - 3,00 m	85 - 72 kN	25,00 kg

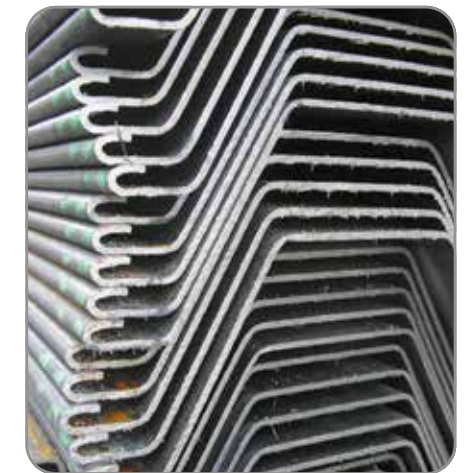
Type	Adjustment	Safe working load	Weight
TERRA with claw plate and nail hole			
Terra 1	0,50 - 0,80 m	38 - 30 kN	3,64 kg
Terra 1a	0,60 - 0,90 m	36 - 29 kN	3,92 kg
Terra 2	0,80 - 1,10 m	34 - 29 kN	4,51 kg
Terra 3	1,10 - 1,40 m	29 - 23 kN	5,37 kg
Terra 4	1,40 - 1,70 m	26 - 22 kN	6,36 kg



Trench Sheets Sheet Piles



Type	Width (mm)	Section modulus (cm³/m)	Weight (kg/lfm)	Weight (kg/m²)
KD 400 / 6	400	98,75	22,23	55,57
KD 600 / 8	600	237	50,0	83,33
FLP 700 / 8	700	540	61,9	88,45
FLP 750 / 8	750	1044	76,61	102,0



Our product range covers **trench sheets** and **sheet piles** for all your needs in various sizes and shapes.



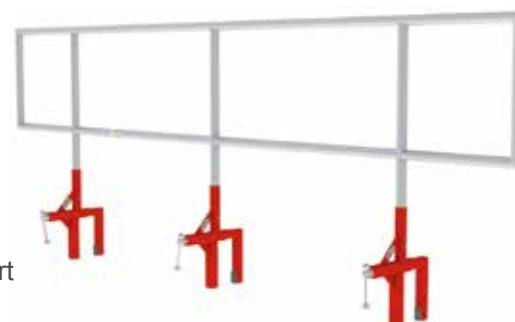
► SIKKERHEDSSYSTEMER



SIKKERHEDSGELÆNDER

Justerbart aluminiums gelænder, til byggepladser med brug for fysiske barrikader, som forhindrer at arbejdere falder i åbne huller og udgravninger.

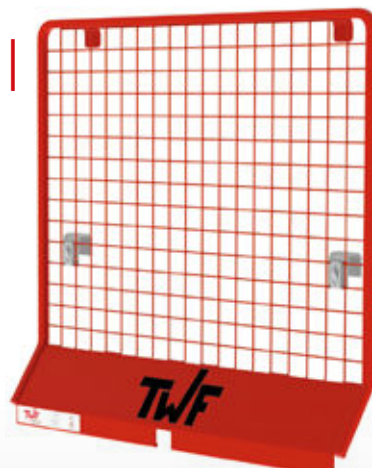
- med justerbar spændefod/ tvinge
- tilgængelig i længderne: 3,0 m, 3,5 m, 4,0 m
- modulær i design og konstruktion
- nem opbevaring. Stables på byggepladsen samt ved transport



SIKKERHEDSGITTER Paneler 1000 mm

Gitter rækværk er et ideelt produkt til sikring af byggepladser. Praktisk løsning der formindsker risikoen for, at medarbejdere, der arbejder i åbne udgravninger, bliver ramt af faldende genstande.

- gitterpaneler: 1m x 1m
- lav vægt: 9 kg
- robust konstruktion
- hurtig at samle



SIKKERHEDSPLATFORM Udskydelig

Den udskydelige platform og teleskopiske gangbro giver sikker adgang og udgang til og fra udgravningen, og lader altid brugere benytte tre sikkerhedskontaktpunkter.

- skridsikkert gittergulv
- låge der lukker automatisk
- indbygget stige-beslag



SIKRINGSMAST Faldsikring

Sikring af personer på platformen. Sikringsmasten er designet til at passe ind på begge sider af den udskydelige platform.

Består af:

- sikringsmast
- friktionsrulle, 9 m



REDNINGSKRAN Faldsikring

Redningskranen er designet til at blive monteret på afstivningspaneler/gravekasser (stål og aluminium). Fungerer som faldsikring, og muliggør en sikker måde at få løftet arbejdere ud af svært tilgængelige huller/brønde og udgravninger.

- overbelastningsindikator
- justerbar rækkevidde
- effektiv rækkevidde: 24 m





Skakt-system med spuns

REJNSTRUP
GRAVEKASSER
ENTREPRENØRMATERIEL
www.regr.dk



Spuns grube
fra
Rejnstrup



Denne grube
er udviklet specifikt
til pumpebrønde, fjern-
varme renovering, samt
andre steder hvor man
har behov for en
byggegrube.



Gruben kan bruges i
størrelserne fra 3.00 x
5.00 meter. (3, 4 samt 5
meters længde)
Og kan benyttes helt op til
6.00 meters dybde.

► Tilbehør

► Proven Quality - Certificates

Hydraulic Pipe Puller

- Safe and fast joining of reinforced concrete pipes
- No trailing cables due to battery operation
- Tensioning and pulling by push button control via hydraulic cylinders



For safe **lifting** and **lowering** or **contraction** of reinforced concrete pipes **pipe grabs** and **hydraulic pipe pullers** are a great help.

Round Grab

- The Strong Combination of **Grab** and **Sling** for the **Safe Handling** of Cylindrical Parts (Pipes, Cylinders ...)



For detailed information about **pipe grabs** and **hydraulic pipe pullers**, we are always at your disposal.



CERTIFICATE

Factory production control

0035-CPR.1090-1.00875.TÜVRh.2015.002

Welding CERTIFICATE

TÜVRh-EN1090-2.00806.2015.002

EN 1090-1, welding of steel and other metal constructions requires special expertise and manufacturer qualification – DIN EN 1090-2



CERTIFICATE

DIN 4124

DIN EN 13331



REJNSTRUP

www.regr.dk

**SIKKERHEDEN ER I TOP!
- NÅR DU ARBEJDER I BUNDEN**



Vores gravekasser er af meget høj kvalitet og testet efter høje tyske (TÜV) standarder.

Vi lægger stor vægt på grundig rådgivning så du får en gravekasse der passer til dit udgravningsprojekt og som yder maksimal sikkerhed.

Rådgivning og service.

Vi er klar på telefon: 71 96 92 30

Email: rg@regr.dk



*Certifikater.
Se side 39.*

KASSEN TIL ENTREPRENØREN