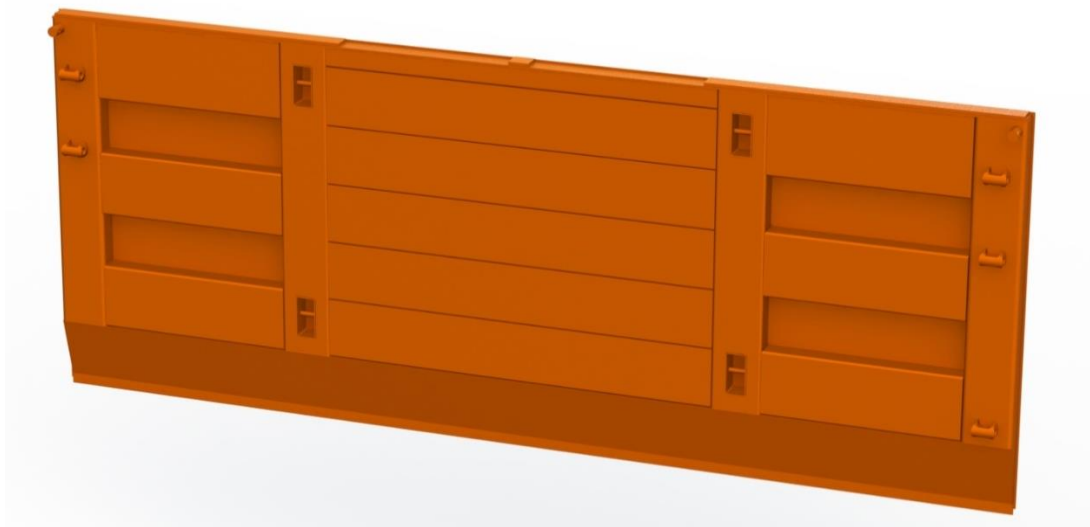


## HYBRID SERIES TRENCH SHIELDS

# HYBRID TRENCH SHIELD

- Combination of a Titan 2 Trench Shield and a Titan 1 Trench Shield
- TP5-8X20-K combined with a RP5-8X20-K would become a HP5-8X20-K
- Titan 2 style for the mid box cross section and Titan 1 style between the endtube and IPM



### CONCEPT

The goal of the Hybrid Trench Shield is to combine the best aspects of the Titan 1 and Titan 2 trench shields. This design allows the shield to go to depths equivalent to the Titan 2 shields at a weight close to the Titan 1 style shield. Material is strategically placed to add strength where strength counts and lighten the shield where possible.

### CUSTOMER BENEFITS

**-BETTER DEPTH RATINGS**

**-LIGHTER SHIELDS**

# TITAN PLUS SHIELDS



The name means what it says: More free features than any other shield available, Titans go beyond.

## How Kundel's trench shields compare to others

### Common features

- P.E. Certified
- O.S.H.A. Compliant
- Tabulated Data
- 1/2" x 3" Cutting Bar

### Kundel goes beyond...

- Formed Steel Design
- Continuous Steel Members
- 18" High Tapered Knife Edge
- Internal Pounding Members
- Reinforced Knife Edge
- Internal Stacking System
- Easy Slide Outside Edge
- One C Soil Depth Rating
- Vertical Reinforced Pounding Area
- Reinforced Through Wall Sockets

Your Local Trench Protection Specialist:

**IMPORTANT:** Kundel believes that every Contractor has individual concerns that must be addressed individually, not generically. Kundel uses its years of in-the-trench experience, as well as in-depth knowledge of O.S.H.A. regulations, to custom fit you with a shoring or shielding system that will increase your production and profits, while working within O.S.H.A. guidelines, please call...

### Titan Plus 3

3 1/2" Side Walls  
Production Depth 8' to 16'

#### Featuring:

- 18" Knife Edge Taper
- 5" (X) Strong Pipe Sockets
- 3/4" Thick Pounding Pads
- 2 1/2" Solid Stacking Lug Bar
- 1/2" x 3" Cutting Bar

Length	4'			5'			6'			8'			10'		
	Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.	
16' - ST	3227	22K	16' - K	3693	25K	16' - K	4384	29K	16' - K	5645	38K	16' - K	7690	51K	
18' - ST	3495	23K	18' - K	3993	27K	18' - K	4788	32K	18' - K	6180	41K	18' - K	8628	58K	
20' - ST	3795	25K	20' - K	4364	29K	20' - K	5221	35K	20' - K	6743	45K	20' - K	9596	64K	
22' - ST	4089	27K	22' - K	4693	31K	22' - K	5591	37K	22' - K	7230	48K	22' - K	10175	68K	
24' - ST	4374	29K	24' - K	4993	33K	24' - K	5996	40K	24' - K	7773	52K	24' - K	11123	74K	
26' - ST	4628	31K	26' - K	5295	35K	26' - K	6367	42K	26' - K	8223	55K	26' - K	11664	78K	

### Titan Plus 5

5" Side Walls  
Production Depth 12' to 20'

#### Featuring:

- 18" Knife Edge Taper
- 5" (X) Strong Pipe Sockets
- 1 1/4" Thick Pounding Pads
- 2 1/2" Solid Stacking Lug Bar
- 1/2" x 3" Cutting Bar

Length	4'			5'			6'			8'			10'		
	Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.	
16' - ST	3131	21K	Call factory for availability 1.877.KUNDEL3				16' - K	4539	30K	16' - K	5890	39K	16' - K	6990	47K
18' - ST	3580	24K					18' - K	5335	36K	18' - K	6969	46K	18' - K	8329	56K
20' - ST	3891	26K					20' - K	5795	39K	20' - K	7597	51K	20' - K	9085	61K
22' - ST	4208	28K					22' - K	6297	42K	22' - K	8186	55K	22' - K	9770	65K
24' - ST	4662	31K					24' - K	6884	46K	24' - K	8890	59K	24' - K	10632	71K
26' - ST	4963	33K					26' - K	7395	49K	26' - K	9564	64K	26' - K	11397	76K

### Titan Plus 6

6 3/4" Side Walls  
Production Depth 16' to 30'

#### Featuring:

- 18" Knife Edge Taper
- 7" (X) Strong Pipe Sockets
- 1 1/2" Thick Pounding Pads
- 3" Solid Stacking Lug Bar
- 1/2" x 3" Cutting Bar

Length	4'			5'			6'			8'			10'		
	Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.	
16' - ST	5118	34K	16' - K	5638	38K	16' - K	6451	43K	16' - K	8187	55K	16' - K	9782	65K	
18' - ST	5499	37K	18' - K	6067	40K	18' - K	6991	47K	18' - K	8890	59K	18' - K	10636	71K	
20' - ST	5935	40K	20' - K	6557	44K	20' - K	7589	51K	20' - K	9650	64K	20' - K	11551	77K	
22' - ST	6399	43K	22' - K	7083	47K	22' - K	8192	55K	22' - K	10397	69K	22' - K	12432	83K	
24' - ST	6790	45K	24' - K	7527	50K	24' - K	8754	58K	24' - K	11126	74K	24' - K	13306	89K	
26' - ST	7227	48K	26' - K	7990	53K	26' - K	9318	62K	26' - K	11830	79K	26' - K	14138	94K	

### Titan Plus 8

8 1/2" Side Walls  
Production Depth 20' to 34'

#### Featuring:

- 18" Knife Edge Taper
- 7" (X) Strong Pipe Sockets
- 1 1/2" Thick Pounding Pads
- 3" Solid Stacking Lug Bar
- 1/2" x 3" Cutting Bar

Length	4'			5'			6'			8'			10'		
	Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.	
20' - ST	6790	45K	20' - K	7422	49K	20' - K	8799	59K	20' - K	11056	74K	20' - K	13324	89K	
22' - ST	7321	49K	22' - K	7990	53K	22' - K	9457	63K	22' - K	11881	79K	22' - K	14286	95K	
24' - ST	7765	52K	24' - K	8492	57K	24' - K	9994	67K	24' - K	12670	84K	24' - K	15239	102K	
26' - ST	8248	55K	26' - K	8993	60K	26' - K	10712	71K	26' - K	13446	90K	26' - K	16152	108K	
28' - ST	8730	58K	28' - K	9554	64K	28' - K	11339	76K	28' - K	14222	95K	28' - K	16995	113K	
30' - ST	9213	61K	30' - K	9994	67K	30' - K	11966	80K	30' - K	14998	100K	30' - K	17978	120K	

### Titan Plus 9

9 1/2" Side Walls  
Production Depth 20' to 42'

#### Featuring:

- 18" Knife Edge Taper
- 6" (2X) Strong Pipe Sockets
- 1 1/2" Thick Pounding Pads
- 3" Solid Stacking Lug Bar
- 1/2" x 3" Cutting Bar

Length	4'			5'			6'			8'			10'		
	Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.		Shield Wt.	Mach Wt.	
20' - ST	7841	52K	20' - K	7720	51K	20' - K	9180	61K	20' - K	11579	77K	20' - K	13867	92K	
22' - ST	8456	56K	22' - K	8299	55K	22' - K	9858	66K	22' - K	12414	83K	22' - K	14842	99K	
24' - ST	9023	60K	24' - K	8820	59K	24' - K	10499	70K	24' - K	13235	88K	24' - K	15826	106K	
26' - ST	9592	64K	26' - K	9370	62K	26' - K	11138	74K	26' - K	13991	93K	26' - K	16752	112K	
28' - ST	10181	68K	28' - K	9920	66K	28' - K	11777	79K	28' - K	14798	99K	28' - K	17679	118K	
30' - ST	10760	72K	30' - K	10470	70K	30' - K	12416	83K	30' - K	15594	104K	30' - K	18595	124K	

LARGER 28'+ AND CUSTOM SHIELDS ARE AVAILABLE (Spreaders sold separately)