

PARATECH AudioSmart STRAP ANGLE ON CONCRETE				
VERTICAL LOAD	70	60	50	45
1,000	1 strap	1 strap	1 strap	1 strap
2,000	1 strap	1 strap	1 strap	1 strap
3,000	1 strap	1 strap	1 strap	1 strap
4,000	1 strap	1 strap	1 strap	1 strap
5,000	1 strap	1 strap	1 strap	1 strap
6,000	1 strap	1 strap	1 strap	1 strap
7,000	1 strap	1 strap	1 strap	1 strap
8,000	1 strap	1 strap	1 strap	1 strap
9,000	1 strap	1 strap	1 strap	1 strap
10,000	1 strap	1 strap	1 strap	1 strap
11,000	1 strap	1 strap	1 strap	1 strap
12,000	1 strap	1 strap	1 strap	1 strap
13,000	1 strap	1 strap	1 strap	2 straps
14,000	1 strap	1 strap	1 strap	2 straps
15,000	1 strap	1 strap	1 strap	2 straps
16,000	1 strap	1 strap	1 strap	2 straps
17,000	1 strap	1 strap	1 strap	2 straps
18,000	1 strap	1 strap	1 strap	2 straps
19,000	1 strap	1 strap	1 strap	2 straps
20,000	1 strap	1 strap	1 strap	2 straps
2" wide Ratchet Strap, WLL 3300 lbs				
3/8 Grade 80 Chain, WLL 7,100 lbs				
3/8 Grade 100 Chain, WLL 8,800 lbs				
Anchor Ring, 20,000 lb break; 10,000 lb WL with 2:1 SF				

1" DIAMETER COLD ROLLED PICKET. ON GRASS				
VERTICAL LOAD	PARATECH STRUT ANGLE			
	70	60	50	45
1,000	2 pickets	2 pickets	2 pickets	2 pickets
2,000	2 pickets	2 pickets	2 pickets	3 pickets
3,000	2 pickets	2 pickets	3 pickets	4 pickets
4,000	2 pickets	3 pickets	3 pickets	
5,000	2 pickets	3 pickets	4 pickets	
6,000	2 pickets	4 pickets	4 pickets	
7,000	2 pickets	4 pickets		
8,000	2 pickets			
9,000	2 pickets			
10,000	2 pickets			
11,000	2 pickets			
12,000	2 pickets			
13,000	2 pickets			
14,000	3 pickets			
15,000	3 pickets			
16,000	3 pickets			
17,000	3 pickets			
18,000	3 pickets			
19,000	3 pickets			
20,000	4 pickets			
Used in firm soil.				
Minimum 3 ft of embedment.				
4 pickets maximum per base.				

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1" DIAMETER COLD ROLLED PICKET. ON HARD PACKED GRAVEL				
VERTICAL LOAD	PARATECH STRUT ANGLE			
	70	60	50	45
1,000	2 pickets	2 pickets	2 pickets	2 pickets
2,000	2 pickets	2 pickets	2 pickets	2 pickets
3,000	2 pickets	2 pickets	2 pickets	3 pickets
4,000	2 pickets	2 pickets	3 pickets	3 pickets
5,000	2 pickets	3 pickets	3 pickets	4 pickets
6,000	2 pickets	3 pickets	4 pickets	
7,000	2 pickets	3 pickets	4 pickets	
8,000	2 pickets	4 pickets		
9,000	2 pickets	4 pickets		
10,000	2 pickets			
11,000	2 pickets			
12,000	2 pickets			
13,000	2 pickets			
14,000	2 pickets			
15,000	2 pickets			
16,000	2 pickets			
17,000	2 pickets			
18,000	2 pickets			
19,000	2 pickets			
20,000	3 pickets			
Used in firm soil.				
Minimum 3 ft of embedment.				
4 pickets maximum per base.				

PARATECH STRUT ANGLE ON GRASS				
VERTICAL LOAD	70	60	50	45
1,000	1 strap	1 strap	1 strap	1 strap
2,000	1 strap	1 strap	1 strap	1 strap
3,000	1 strap	1 strap	1 strap	1 strap
4,000	1 strap	1 strap	1 strap	2 straps
5,000	1 strap	1 strap	1 strap	2 straps
6,000	1 strap	1 strap	1 strap	2 straps
7,000	1 strap	1 strap	2 straps	2 straps
8,000	1 strap	1 strap	2 straps	3/8 Gr80
9,000	1 strap	2 straps	2 straps	3/8 Gr100
10,000	1 strap	2 straps	2 straps	3/8 Gr100
11,000	1 strap	2 straps	2 straps	
12,000	1 strap	2 straps	2 straps	
13,000	1 strap	2 straps	3/8 Gr80	
14,000	1 strap	2 straps	3/8 Gr100	
15,000	1 strap	2 straps	3/8 Gr100	
16,000	1 strap	2 straps	3/8 Gr100	
17,000	1 strap	3/8 Gr80		
18,000	1 strap	3/8 Gr100		
19,000	1 strap	3/8 Gr100		
20,000	1 strap	3/8 Gr100		
2" wide Ratchet Strap, WLL 3300 lbs				
3/8 Grade 80 Chain, WLL 7,100 lbs				
3/8 Grade 100 Chain, WLL 8,800 lbs				
Anchor Ring, 20,000 lb break; 10,000 lb WL with 2:1 SF				

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PARATECH STRUT ANGLE ON GRAVEL				
VERTICAL LOAD	70	60	50	45
1,000	1 strap	1 strap	1 strap	1 strap
2,000	1 strap	1 strap	1 strap	1 strap
3,000	1 strap	1 strap	1 strap	1 strap
4,000	1 strap	1 strap	1 strap	1 strap
5,000	1 strap	1 strap	1 strap	1 strap
6,000	1 strap	1 strap	1 strap	2 straps
7,000	1 strap	1 strap	1 strap	2 straps
8,000	1 strap	1 strap	1 strap	2 straps
9,000	1 strap	1 strap	2 straps	2 straps
10,000	1 strap	1 strap	2 straps	2 straps
11,000	1 strap	2 straps	2 straps	2 straps
12,000	1 strap	2 straps	2 straps	3/8 Gr80
13,000	1 strap	2 straps	2 straps	3/8 Gr100
14,000	1 strap	2 straps	2 straps	3/8 Gr100
15,000	1 strap	2 straps	2 straps	3/8 Gr100
16,000	1 strap	2 straps	2 straps	
17,000	1 strap	2 straps	3/8 Gr80	
18,000	1 strap	2 straps	3/8 Gr80	
19,000	1 strap	2 straps	3/8 Gr100	
20,000	1 strap	2 straps	3/8 Gr100	
2" wide Ratchet Strap, WLL 3300 lbs				
3/8 Grade 80 Chain, WLL 7,100 lbs				
3/8 Grade 100 Chain, WLL 8,800 lbs				
Anchor Ring, 20,000 lb break; 10,000 lb WL with 2:1 SF				