

PUSA & PUSA HD POST SHORES

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The different structural characteristics of the PUSA and PUSA HD post shores allow to reach a load capacity of more than 11200 [LBS] (PUSA HD 350).

The post shores of the PUSA HD version are equipped with a quick release hook, which has been designed to speed up the operations of arming and disarming the slabs.

In our production process we use raw material made in accordance with UNI EN 10219 norm, combined with innovative machineries that guarantee high quality standard and the safety of products.



Characteristics
According to ANSI/SSFI SH300-2007 Norm
Inner tube Ø (1" 7/8) / (2' 7/16") made in steel S235JRH according to the norm UNI EN 10219-1/2
Outer tube Ø (2" 3/8) / (2") made in steel S235JRH according to the norm UNI EN 10219-1/2
Hook Ø (9/16") / (11/16") made in steel S235JRH
Hand safety system
Adjustable forged steel nut, handle and hook galvanized
Inner tube drilled every (3" 15/16) to settle the post shore extension
A wide range of dimensions from (6' 1") to (18')
Uncovered thread
Our user and maintenance manual provides clear instructions concerning the use, the assembly and the treatment of post shores
A wide range of accessories available

On request
Customized stickers application
Reinforced base

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Product Code	PUSA185	PUSA310	PUSA335
Maximum post shore Length	5' 8" 7/8	9' 10" 1/8	10' 7" 15/16
Weight [LBS]	26	36	38

Product Code	PUSA400	PUSA500
Maximum post shore Length	12' 9" 9/16	16' 15/16
Weight [LBS]	44	52

Extension [imp]	Table of maximum capacity load of post shore [LBS] (Safety factor included)		
	PUSA185	PUSA310	PUSA335
3' 9" 1/4	10666		
4' 1" 3/16	10310		
4' 5" 1/8	9954		
4' 9" 1/16	9598		
5' 1"	9530		
5' 4" 15/16	9174		
5' 8" 7/8	9396		
5' 10" 7/8		10667	
6' 2" 13/16		10311	
6' 6" 3/4		9955	
6' 8" 11/16			11436
6' 10" 11/16		9598	
7' 5/8"			11080
7' 2" 5/8		9242	
7' 4" 9/16			10724
7' 6" 9/16		8886	
7' 8" 1/2			10367
7' 10" 1/2		7796	
8' 7/16"			10011
8' 2" 7/16		7796	
8' 4" 3/8			9655
8' 6" 3/8		7796	
8' 8" 5/16			6708
8' 10" 5/16		7796	
9' 1/4"			6708
9' 2" 1/4		7796	
9' 4" 3/16			6708
9' 6" 3/16		7796	
9' 8" 1/8			6708
9' 10" 1/8		6086	
10' 1/16"			6708
10' 4"			6708
10' 7" 15/16			4735

Extension [imp]	Table of maximum capacity load of post shore [LBS] (Safety factor included)	
	PUSA400	PUSA500
7' 10" 1/2	10827	
8' 2" 7/16	10338	
8' 6" 3/8	9849	
8' 10" 5/16	9361	
9' 2" 1/4	8872	9651
9' 6" 3/16	8383	9143
9' 10" 1/8	7894	8635
10' 2" 1/16	7406	8126
10' 5"	6917	7618
10' 9" 15/16	6349	7109
11' 1" 7/8	5780	6601
11' 5" 13/16	5212	6093
11' 9" 3/4	4644	5584
12' 1" 11/16	4076	5076
12' 5" 5/8	3507	4567
12' 9" 9/16	2939	4059
13' 1" 1/2		3860
13' 5" 7/16		3661
13' 9" 3/8		3463
14' 1" 5/16		3264
14' 5" 1/4		3065
14' 9" 3/16		2866
15' 1" 1/8		2667
15' 5" 1/16		2469
15' 8"		2270
16' 15/16		2071

Considered safety factor = 3.

Product Code	PUSAHD350	PUSAHD450	PUSAHD550
Max. post shore Length	11' 5" 13/16	14' 9" 3/16	18' 9/16
Weight [LBS]	59	67	82

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Max. post shore Length	11' 5" 13/16	14' 9" 3/16	18' 9/16
Weight [LBS]	59	67	82

Extension [imp]	Admitted loads, according to compression tests in LBS (ANSI/SSFI SH300-2007)		
	PUSAHD350	PUSAHD450	PUSAHD550
7' 2" 5/8	11.836		
7' 6" 9/16	11.572		
7' 10" 1/2	11.309		
8' 2" 7/16	11.045		
8' 6" 3/8	10.782	10.884	
8' 10" 5/16	10.518	10.587	
9' 2" 1/4	10.255	10.290	
9' 6" 3/16	9.991	9.993	
9' 10" 1/8	9.728	9.696	
10' 2" 1/16	9.464	9.398	
10' 5"	9.201	9.101	
10' 9" 15/16	8.937	8.804	10.636
11' 1" 7/8	8.674	8.507	10.324
11' 5" 13/16	8.410	8.210	10.011
11' 9" 3/4		7.913	9.698
12' 1" 11/16		7.616	9.385
12' 5" 5/8		7.319	9.073
12' 9" 9/16		7.022	8.760
13' 1" 1/2		6.725	8.447
13' 5" 7/16		6.428	8.134
13' 9" 3/8		6.131	7.821
14' 1" 5/16		5.834	7.509
14' 5" 1/4		5.537	7.196
14' 9" 3/16		5.240	6.883
15' 1" 1/8			6.570
15' 5" 1/16			6.258
15' 8"			5.945
16' 15/16			5.632
16' 4" 7/8			5.319
16' 8" 13/16			5.006
17' 3/4			4.694
17' 4" 11/16			4.381
17' 8" 5/8			4.068
18' 9/16			3.755

Extension [imp]	Admitted loads (For temporary re-shoring condition ONLY), according to compression tests in LBS		
	PUSAHD350	PUSAHD450	PUSAHD550
7' 2" 5/8	16140		
7' 6" 9/16	15780		
7' 10" 1/2	15421		
8' 2" 7/16	15062		
8' 6" 3/8	14702	14842	
8' 10" 5/16	14343	14436	
9' 2" 1/4	13984	14031	
9' 6" 3/16	13624	13626	
9' 10" 1/8	13265	13221	
10' 2" 1/16	12906	12816	
10' 5"	12546	12411	
10' 9" 15/16	12187	12006	14504
11' 1" 7/8	11828	11601	14078
11' 5" 13/16	11468	11196	13651
11' 9" 3/4		10791	13225
12' 1" 11/16		10386	12798
12' 5" 5/8		9980	12372
12' 9" 9/16		9575	11945
13' 1" 1/2		9170	11519
13' 5" 7/16		8765	11092
13' 9" 3/8		8360	10666
14' 1" 5/16		7955	10239
14' 5" 1/4		7550	9813
14' 9" 3/16		7145	9386
15' 1" 1/8			8960
15' 5" 1/16			8533
15' 8"			8107
16' 15/16			7680
16' 4" 7/8			7253
16' 8" 13/16			6827
17' 3/4			6400
17' 4" 11/16			5974
17' 8" 5/8			5547
18' 9/16			5121

Considered safety factor = 3.

Using the post shores for temporary reshoring: The headplate and baseplate **MUST** be placed directly against the slab (a formwork-sheeting packing strip is permissible).