

TECHNICAL DATA SHEET

WIND LIFT SECURED ADAPTOR (AS312)



PRODUCT CHARACTERISTICS		
Physical and Chemical properties		
STEEL GRADE	Conform to CAN/CSA G40.21-350W and/or ASTM A500 grade C standards, or approved equivalent	
BOLT GRADE	Conform to ASTM A325M and/or SAE grade 5	
HOT DIPPED GALVANIZATION	Conform to ASTM-A123M	
Models	Standard characteristics	
AS312 ADAPTOR	Molded piece, 3 5/8" Ø interior - with 2 x 1/2"Ø bolts	
Mechanical resistance		
EFFORTS	ULS ⁽¹⁾	SLS ⁽¹⁾
Compression in kN (lbs) ⁽²⁾	180 (40 500)	120 (27 000)
Tension in kN (lbs) ⁽²⁾	-	-

(1): ULS = Ultimate Limit State; SLS = Service Limit State

(2): The strengths shown in the table above represent the maximum capacities of the metal assembly of the part when connected to a pile with a diameter of 89 mm (3 1/2")

CCMC
13102-R



NORMATIVE INFORMATION

Postech screw pile accessories have been calculated and tested on-site by an engineering firm recognized by the CCMC. The purpose of these tests was to validate the mechanical resistance of Postech accessories.

MANUFACTURER:
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RECOMMENDED USE

AS312 wind lift secured adaptors are designed to support compressive and tensile loads only. They serve as a connection between the adjustable head and the pile.

To support tensile loads, the two (2) wind lift secured adaptor clamping bolts must be screwed through the holes drilled to that effect in the superior part of the pile tubing.

In cases where the wind lift secured adaptor is not attached to the pile by the two (2) clamping bolts, they will not allow to support the tensile loads.

ADVANTAGES

- Product and installation are supplied;
- Can be installed in all climates, weather or ground conditions;
- Allows the adjustment of pile heads;
- The most reliable & economical solution available;
- Reusable and recyclable, environmentally friendly;
- Can be installed under an existing structure;
- No waiting time, you can build as soon as the installation is completed.

