

TECHNICAL DATA SHEET

ADAPTOR (A312)



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	
HOT DIP GALVANIZATION	Conform to ASTM-A123M	
Models		Standard characteristics
A312 ADAPTOR	Round plate 3 5/8"Ø x 5/16" thick, with a 2 7/8"Ø x 3" lg. round tube.	
Mechanical resistance		
EFFORTS	ULS⁽¹⁾	SLS⁽¹⁾
Compression in kN (lbs) ⁽²⁾	145 (32 600)	95 (21 350)

(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")

RECOMMENDED USE

A312 adaptors connect the adjustable head to the piles.

They are designed to support compressive loads only. The adaptors are simply deposited on the pile which does not allow any resistance to tension efforts.

In cases where piles are subjected to tensile or lateral loads, the use of another more appropriate adaptor will be required.

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.



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.

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