

TECHNICAL DATA SHEET

L-SHAPED ADJUSTABLE HEAD (TAL6)



PRODUCT SPECIFICATIONS		
Physical and Chemical Properties		
STEEL GRADE	Conform to CAN/CSA G40.21-350W and/or ASTM A500 grade C standards, or approved equivalent	
THREADED ROD & NUT	Conform to ASTM A307M and/or SAE grade 2	
ARC WELDING	Conform to CSA W59	
ZINC COATING	Conform to ASTM-B633	
Models		Standard Dimensional Specifications
TAL6 ADJUSTABLE HEAD	1/4" thick L- shaped plate, height of 6" by length of 6", welded to a 6" x 1"Ø threaded rod	
Mechanical Resistance		
EFFORTS	ULS ⁽¹⁾	SLS ⁽¹⁾
Compression in kN (lb) ⁽²⁾	126 (28 325)	67 (15 240)
Tension in kN (lb) ⁽²⁾	See note (3)	See note (3)

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

(2): The resistances indicated in the above table represent the maximum metal assembly capacities taking into consideration a hollow profile with a base thickness plate of 1/4" resting on an adjustable head.

(3): Capacity in tension to be determined by project engineer depending on specified connection.

CONDITIONS OF USE

- TAL adjustable pile heads have an adjustment rod to facilitate the leveling of the structure to be supported.
- Adjustable heads are designed to support compression and tension loads only. In the event that lateral and/or bending forces will be applied to the adjustable head, the prior approval of an engineer will be required.
- The applied loads must be centered on the pile head.
- The adjustment of the pile head must in no case allow the threaded rod to come out of the adapter by more than 3".
- If the adjustable pile head is intended to support a hollow column, a steel plate with a minimum thickness of 1/4" must be installed at the base of the column. Approval from an engineer will be required.

NORMATIVE INFORMATION

This Postech pile accessory has been the subject of calculations and/or physical tests. The aim of this work is to validate the mechanical resistance of the part. In accordance with CCMC technical guide TG-316216.01-15, referring to the National Building Code (NBC), and in compliance with the ISO-9001 quality management system.

MANUFACTURER:

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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.

