

TECHNICAL DATA SHEET

TAL-U412 UNDERPINNING BRACKET



PRODUCT SPECIFICATIONS	
Physical and Chemical Properties	
STEEL GRADE	Conform to CAN/CSA G40.21-350W and/or ASTM A500 class C
WELDING	Conform to CSA W59
HOT DIP GALVANIZATION	Conform to ASTM-A123M
RECOMMENDED HARDWARE	Conform to ASTM A325 or SAE J429 Grade 5
Models	Standard Dimensional Specifications
TAL-U412 BRACKET	17" x 6 5/8" bearing plate with 2x 1" Ø threaded rods.

The usage and structural capacities of this part must be determined by an engineer, taking into account the applicable conditions and the nature of the structure it supports.

CONDITIONS OF USE

- Underpinning brackets are ideal for supporting pre-existing concrete structures.
- The TAL-U412 support must be connected to a pile with a 114 mm (4 1/2") tube.
- Concrete anchors must be specified by the project engineer with consideration for the loads supported by the bracket.
- The concrete footing must be partially cut to position the support directly below the foundation wall.
- Applications with concrete beams or structural slabs must be approved by the project engineer.
- It is the designer's responsibility to validate shear at the supports for beam application.




Typical connection detail

NORMATIVE INFORMATION

This Postech pile accessory has undergone rigorous evaluation and testing to verify compliance with the applicable production standards specified above, and in accordance 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.