



Atlas Resistance® 2-Piece Plate Pier Systems

- Easy surface mount installation.
- May be used for round columns (custom manufactured - see information below).
- Use for lifts up to 4".
- All plate pier systems include:
 - Pier bracket.
 - Top pier platform.
 - 14 feet of pier pipe (including starter section).

Order separately: Two pier pins (two Grade 8 bolts for 4-1/2" pier) and pier shims. Eight anchor bolts per pier are required (consult *Appendix C* for anchor bolt specifications). NOTE: Anchor bolts not supplied by Chance® Civil Construction.

Standard finish is mill steel (except AP2-PP-3500.165[PA], which has "Flow Coat" corrosion protection on the pier pipe standard). Specify finish within brackets [*] when ordering. See Note 3 at bottom of table for available finishes.

Atlas Resistance® 2-Piece Pier Plate Pier Designators				
Pier Designation NOTE: Specify finish in area marked [*]	Ultimate Capacity ¹	Max Working Capacity ¹	Pier Dia	Features
AP-2-PP-2875.165[*][14'-0]	60,000#	30,000#	2-7/8"	Lowest cost.
AP-2-PP-2875.165M[*][14'-0]	70,000#	35,000#	2-7/8"	Lowest cost. Increased rotational stiffness. Recommended for weak surface soils.
AP-2-PP-3500.165[*][14'-0]	86,000#	43,000#	3-1/2"	Standard pier for most applications. "Flow Coat" pier pipe standard.
AP-2-PP-3500.165M[*][14'-0]	90,000#	45,000#	3-1/2"	"Flow Coat" pier pipe standard. Increased rotational stiffness. Recommended for weak surface soils.
AP-2-PP-4000.219[*][14'-0]	103,000#	51,500#	4"	Larger pier pipe. Higher capacity.
AP-2-PP-4500.237[*][14'-0]	112,000#	56,000#	4-1/2"	Commercial and industrial applications. Greater pier pipe diameter. Highest capacity.
Notes:				
1. Capacities based upon maximum pipe exposure of 2 feet and soil strength having a <u>minimum</u> Standard Penetration Test (SPT) Blow Count "N" of 4. The capacities are based on a pier depth to fixity of 5'-6". 2. Mounting distance from bottom of stem wall to bottom of plate pier bracket must be greater than 5". 3. Specify letter for available finishes: P = Entire product supplied mill finish steel. G = Entire product supplied galvanized. PA = Plain steel bracket assy; "Flow Coat" corrosion protection on pier pipe. GA = HDG bracket assy; "Flow Coat" corrosion protection on pier pipe. NOTE: "PA" and "GA" available only on AP-S-PP-2875.165[*] Series (Optional) and AP-2-PP-3500.165[*] Series (Standard).				
ROUND COLUMN APPLICATIONS				
Where a plate pier must be attached to a round column, the pier bracket can be custom manufactured at extra cost to match the radius of the column and the side rail width will be extended for clearance. <i>Please provide diameter of column when ordering.</i> Specify: AP-2-PPRC-2875.165[*], AP-2-PPRC-3500.165M[*] or AP-2-PPRC-4000.219[*].				