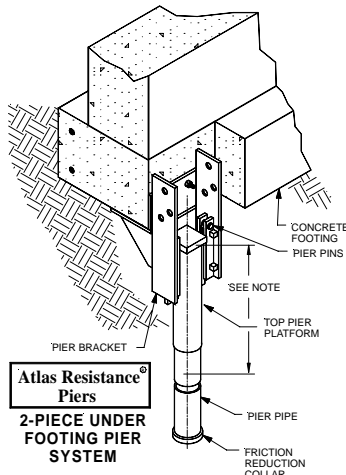


## REMEDIAL REPAIR BRACKETS for ATLAS RESISTANCE® PIERS



### Atlas Resistance® Standard and Modified 2-Piece Systems

- Use for lifts up to 4".
- All 2-piece pier systems include:
  - Pier bracket .
  - Top pier platform.
  - 14 linear feet of pier pipe (including the starter section).
  - "M" designates one modified sleeve included.
- Order Separately: Two pier pins (two Grade 8 bolts for 4-1/2" pier) and pier shims. Each pier requires a minimum of four anchor bolts. NOTE: Anchor bolts not supplied by Chance® Civil Construction
- Standard finish is all mill steel (except AP-2-UF-3500[PA] series, 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® Standard and Modified 2-Piece Pier Designators

Pier Designation NOTE: Specify finish in area marked [*]	Ultimate Capacity <sup>1</sup>	Max Working Capacity <sup>1</sup>	Pier Dia	Features
AP-2-UF-2875.165[*][14'-0]	60,000#	30,000#	2-7/8"	Lowest cost.
AP-2-UF-2875.165M[*][14'-0]	70,000#	35,000#	2-7/8"	Lowest cost. Increased rotational stiffness. Recommended for weak surface soils
AP-2-UF-3500.165[*][14'-0]	85,000#	42,500#	3-1/2"	"Flow Coat" pier pipe standard (NER579) <sup>2</sup> .
AP-2-UFVL-3500.165[*][14'-0]	86,000#	43,000#	3-1/2"	Has additional mounting plate for two additional anchor bolts.
AP-2-UF-3500.165M[*][14'-0]	91,000#	45,500#	3-1/2"	"Flow Coat" pier pipe standard (NER579) <sup>2</sup> . Increased rotational stiffness. Recommended for weak surface soils.
AP-2-UFVL-3500.165M [*][14'-0]	91,000#	45,500#	3-1/2"	Has additional mounting plate for two additional anchor bolts. Increased rotational stiffness.
AP-2-UF-4000.219[*][14'-0]	98,000#	49,000#	4"	Higher capacity. Easier installation than AP2-3500M.
AP-2-UFVL-4000.219[*][14'-0]	110,000#	55,000#	4"	Has additional mounting plate for two additional anchor bolts.
AP-2-UF-4500.237[*][14'-0]	141,000#	70,500#	4-1/2"	Highest capacity.

Notes:

1. Capacities based upon maximum pipe exposure of 2 feet and soil strength having a minimum Standard Penetration Test (SPT) Blow Count "N" of 4. The capacities are based on a pier depth to fixity of 5'-6.
2. Complies with the structural provisions of the most recent editions of BOCA National Code, ICBO Uniform Code, SBCCI Standard Code and 2000 International Building and Residential Code (2002 Accumulative Supplement). (See *Appendix C.*)
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 on AP-2-UF-2875.165[\*] Series (Optional) and AP-2-UF-3500 Series (Standard).