



PRODUCT SPECIFICATION

IRON DOME® Radius Plates.

View additional photos, drawings and specifications on our website: www.adatale.com.
Please call (800) 372-0519 with any questions.

DOMES GEOMETRY *In accordance with ADA Regulations for Detectable Warning Surface Products on Curb Ramps (PROWAG):* Raised truncated domes with a diameter of nominal 0.9” (22.9mm), a height of nominal 0.2” (5.0mm), and a center-to-center spacing of 1.60”-2.40” (40.6mm-61.0mm) maximum.

TWS UNIT DIMENSIONS
Iron Dome® Radial TWS Unit Sizes:
Radii: 15’, 20’, 25’, 30’; Inner Arc: 1.12”-2.12”, Outer Arc: 4”-5”
Iron Dome® TWS Unit Thickness:
Parts measure 0.20” (5.1mm) thick with a 0.38” (9.7mm) deep perimeter flange.
Iron Dome® TWS Unit Hardware:
¼” x 1 ½” Inserts with ¼” x 1 ¼” Stainless Steel Truss Head Bolts

MATERIAL
Grade: Gray Iron Casting compliant with ASTM A-159 (G3000), ASTM A48-03, and AASHTO M105-09 (Grade 30B).
Iron Dome® Finish:
1. “Natural” Patina: Gary Blast Finish ages to “Patina” Finish
2. Coatings: Yellow, Black, Brick Red. Gray. Call ADA for details
Source: Iron Dome® is manufactured in the United States

INSTALLATION
Designed for installation into fresh poured concrete curb ramps, handicap ramps, curb cuts, grade crossings, and other similar applications. Can accommodate installation conditions where R=6’ to 40’ using available combinations of Iron Dome® straight and radial plates.

PHYSICAL CHARACTERISTICS:

Physical Properties	Complies (Grade G3000)	ASTM A 159
Physical Properties	Complies (Class 30B)	ASTM A 48
Physical Properties	Complies (Class 30B)	AASHTO M105
Slip Resistance	0.93 (Dry), 0.91 (Wet)	ASTM C 1028
Tensile Strength	34,700 psi	ASTM A 159