

# Tainter (Radial) Gates

Tainter gates are the heavy-weights in the gate market. They are used to manage large flow or storage applications. Their shape, a convex curved faceplate supported from behind by two triangular arms, brilliantly transfers what can be enormous loads to two Trunnion pins fixed to the sides of a concrete bay.



Anabella Lake 1500lbs



LowerMalad Lake 4000Lbs

While they are often made fairly small for canals of fairly light-weight materials, they can get to extremely large size weighing many tons and require very heavy duty materials. Watch specializes in Tainter gates up to approximately 10 tons. A typical Radial gate is +/- 20' wide x 8-14' tall with 15-18' radial arms and weights 7-10,000 lbs. Watch manufactures the gates and lifting mechanisms that operate the gates. Watch Radial gates can be painted or powder-coated



Little Bayou Black 7100 Lbs



Dietrich Drop Drive-Line