



Tree Grates

Cast iron grating is strong, durable and stands up to harsh environmental conditions. In its natural state, gray iron develops a pleasant, dark brown patina as it ages. Cast iron is inherently resistant to corrosion from natural elements and will last for many, many years in its original state. All EJ grates are Made in the USA and contain a minimum of 85% recycled materials. Hundreds of tons per day of waste ferrous materials, including old car parts, appliances, and obsolete farm equipment are recycled to produce castings for your infrastructure.

Identify and Customize

Customize your grates with the name of your municipality, corporation or development. Add your motto, logo or insignia to further strengthen your identity. Custom sizes, sub-grade lighting, tree guards and matching ADA trench grating are just a few of the options available. We can help you design a tree grate that will be uniquely yours.

Security Bolting Feature

EJ has developed a hassle-free way to ensure solid, long lasting security. Compatible with standard hex bolts or special security designs, our EON LOCK® design — an innovative approach to bolted tree grates, provides a reliable and permanent fastening solution.



Security bolting



Security bolting with plastic caps



Security underside bolting



Tree Guard Bolting Tabs

Some EJ tree grates are equipped with tree guard bolting tabs for easy and secure installation of tree guards.

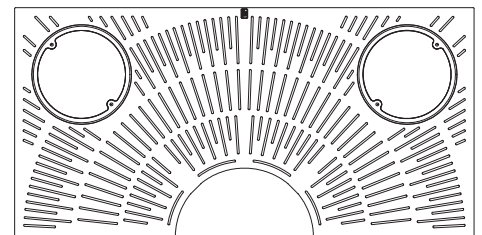


ADA Compliant Tree Grates

EJ has numerous tree grates and trench grates designed to comply with ADA (Americans With Disabilities Act) standards. The guidelines specify that grating, whether tree grates or trench grating, located in pedestrian walkways shall have spaces (slots) no greater than 1/2 inch in one direction and holes (square or round) no greater than 1/2 inch in diameter. Additionally, if grating has elongated openings, the long dimension is to be perpendicular to the dominant direction of travel.

Access Port Options

Illuminate the beauty of your trees at night! Several EJ tree grate designs offer a light port option allowing for the installation of sub-grade lighting units.



Access ports



Access port access grate

Durable, functional and architecturally appealing, EJ Tree Grates are a necessity for healthy trees. Outdoors, the grates provide natural drainage and enhance any urban, campus or park setting. Tree grates provide more area for pedestrian activity while protecting developing trees and root systems, also making them a perfect application for indoor malls. The slotted design allows for efficient watering and is ADA compliant for pedestrian safety. The narrow slot of an ADA grate also prohibits litter from collecting in the tree well and minimizes the growth of weeds.



Tree Grate Frame Options

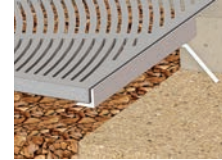
Tree grate frame options vary depending on the solution needed for your application. Most new tree grate installations utilize the frame option with anchor bars to secure the durable steel frame to the newly poured concrete. For retrofit applications, EJ offers two different retrofit frame options to help you adjust the level of your tree grate to the ground surface. Tight, secure, and level tree grate installations are simple with our one-piece and multi-piece frame options. Some tree grate designs may require a frame with a center support. Contact your Sales Representative for more specific information.



For retrofit application in saw cut concrete. Use (leg down orientation) when existing hole is same as grate size.



8 standard 3/8" x 4" concrete anchor bars in frame used with pavers in surrounding area.



8 standard 3/8" x 4" concrete anchor bars in frame.



For retrofit applications in saw cut concrete or existing curb (leg up frame orientation).

Expandable Tree Openings

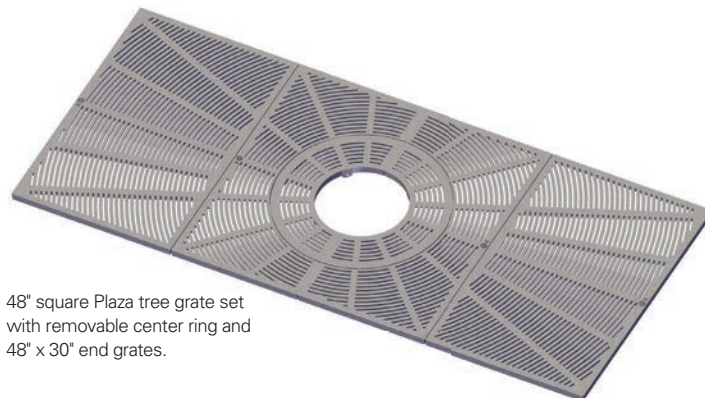
The removable center rings are a convenient way to adjust the tree grate opening diameter as the tree trunk grows in width. As you plan ahead for plantings and tree pit maintenance of the streetscape, order your grate with one or more of the optional rings. Later, you may remove or swap out a ring to increase the opening size during a higher growth phase as the tree matures.



A 16" removable center ring is used when planting a young tree. This helps protect the vulnerable tree.



A 24" removable center ring is inserted to the grate to accommodate tree growth for a maturing tree.



48" square Plaza tree grate set with removable center ring and 48" x 30" end grates.