

Iron Age designs and manufactures decorative drain grates, tree grates

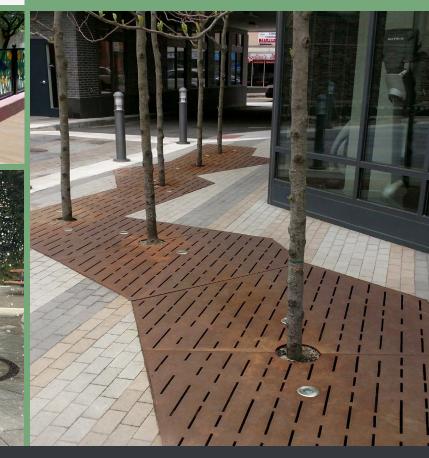


We also partner with architects, designers, artists and municipalities to create custom castings in iron, bronze and aluminum.



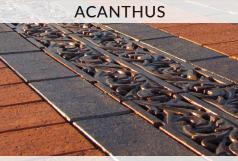


## Find out how Iron Age can help inform and inspire your creativity.





Upgrading to decorative metal grating is easy and cost effective with Iron Age. Many of our trench grates are engineered to fit the most widely used drain bodies on the market today, such as ABT<sup>®</sup>, ACO<sup>®</sup>, MEA<sup>®</sup>, NDS<sup>®</sup> and Zurn<sup>®</sup>. Visit the "Filter Products" section on IRONAGEGRATES.COM to search our grates by the manufacturer and drain body you are using.



Shown: 9" Width | Cast Iron | Baked-On-Oil Finish





shown: 5" Width | Cast Iron | Raw

**FLOWER GRID** 

Shown: 9" Width | Cast Iron | Raw

# CARBOCHON

Shown: 5" Width | Cast Iron | Baked-On-Oil Finish

**GREEK KEY** 

shown: 5" Width | Cast Iron | Raw

MINNIONE

DYNAMO



shown: 5" Width | Cast Iron |Baked-On-Oil Finish



shown: 5" Width | Cast Bronze | Raw

JANIS

Shown: 5" Width | Cast Iron | Raw









Shown: 12" Width | Cast Aluminum | Raw





shown: 5" Width | Cast Iron | Baked-On-Oil Finish

OBLIO shown: 12" Wide Radiused Trench Cast Iron, Raw

All trench grates are ADA compliant, with a max. opening of 1/2". Grates designated Heel Proof have a max. opening of 1/4"

VISIT IRONAGEGRATES.COM for ADDITIONAL PATTERNS, SIZES and SPECIFICATIONS

## TRENCH GRATES

## RADIUS TRENCH GRATES

Iron Age can create custom cast trench grates in any design, on any radius you specify. Visit the 'Radius Considerations" section of our website to see if we already have an existing pattern that will work for you. If not, contact us and we will provide a quote for custom radius trench grates in your specified width, radius and arc length.







KELP



Tree grates/guards have long played a critical role in the preservation and health of urban trees, while at the same time extending the ADA compliant pedestrian surface. The latest research also shows that tree pits protected from soil compaction offer notably higher stormwater infiltration capacity than unprotected pits.

Iron Age's unique, artfully designed tree grates and guards not only help give public spaces a distinct sense of place, they offer adaptable, low-maintenance protection in a wide variety of sizes, patterns, materials and finishes.











CARBOCHON

All tree grates are ADA compliant, with a max. opening of 1/2". Grates designated Heel Proof have a max. opening of 1/4"

## TREE GRATES



ARGO





### VISIT IRONAGEGRATES.COM for ADDITIONAL PATTERNS, SIZES and SPECIFICATIONS

## CATCH BASIN GRATES



Our catch basins are engineered to fit the most widely used drain bodies on the market today. Visit the "Filter Products" section of our website, choose the manufacturer and drain body you are using, and you'll be able to quickly and easily see exactly which of our grates will work for your project.



GROUND SWELL shown: 18" x 25" | Cast Iron | Raw





RAIN Shown: 18" x 24" | Cast Iron | Baked-On-Oil





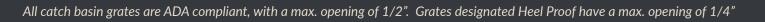
BULLSEYE shown: 6" Dia | Cast Iron | Baked-On-Oil

DIVISADERO shown: 24" Sq | Cast Iron | Baked-On-Oil











Iron Age's artfully designed planter fences are a versatile choice for protecting planting areas. By preventing soil compaction, they can also play an important role in stormwater management. Available with a variety of mounting and finish options. Priced in 12" increments.





VISIT IRONAGEGRATES.COM for ADDITONAL PATTERNS, SIZES and SPECIFICATIONS

# PLANTER FENCES



## BOLLARDS



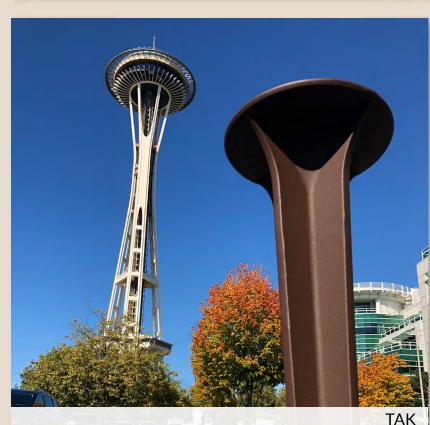
SPAK The typical cylindrical bollard re-imagined. Overlapping loops allow the Spak to double as a bike rack. Embed or surface



MAIN STREET Traditional styling, featuring a rounded cap and fluted center. Chain link barriers can be added for pedestrian traffic control.



NEEDLE Complements any modern city streetscape. Doubles as a bike rack. Embed or surface mount. Cast aluminum with powder coat finish.



Unique design adds visual interest to urban spaces. Available with Round or Square cap. Cast aluminum with powder coat finish.





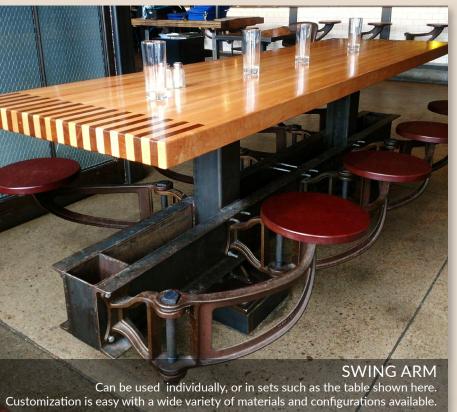
Available with and without back. Powder coated cast aluminum with IPE wood slats.





## SEATING

Only bench on the market made entirely from durable cast iron. Comfortable for sitting, but discourages sleeping or skateboard grinding



#### VISIT IRONAGEGRATES.COM for MORE SEATING DESIGNS & SPECIFICATIONS

## **SPECIFICATIONS**

#### DRAWINGS

Spec sheets can be downloaded from our website, IRONAGEGRATES.COM.

#### SIZES

All dimensions are nominal. Due to variations in the properties of different metals, dimension may vary slightly from casting to casting.

#### STANDARD MATERIAL & FINISH

Cast Grey Iron per ASTM A48 CL 25 or better. In it's raw state, Grey Iron is extremely durable and low maintenance. Standard finish is raw, as cast.

#### MATERIAL OPTIONS

- Cast Ductile Iron: More pliant, less brittle, and with a higher strength-to-weight ratio than Grey Iron
- Cast Silicon Bronze: Very strong and durable, the preferred choice for use near salt water or fountains; does not rust.
- Cast Aluminum per ASTM B26: Often requested if the look of stainless steel is desired or if the project requires a lighter weight casting; weathers to a dull pewter.

#### **FINISH OPTIONS**

#### Powder Coat

- For GROUND plane installation, stick with RAW metal. Powder coating is not recommended because foot or vehicular traffic will eventually cause the finish to fail. Powder coat can also lessen the slip resistance of the casting, possibly affecting ADA compliance.
- For VERTICAL plane installation, powder coat or galvanize to prevent bleed. 0 Baked-On-Oil
- We generally recommend letting our grates age naturally, but for those who wish to bypass the orange oxidation phase of raw iron, we offer an eco-friendly finish using recycled cooking oil.
- It's primary purpose is as an aesthetic treatment to mimic an aged, raw iron product. As this natural finish wears off, it provides a smooth transition from installation to final patina.

#### ADA COMPLIANCE & HEEL PROOF DESIGNATION

- All of our grates are ADA compliant, meaning each casting shall have holes no greater than 1/2" in the dominant direction of travel, no vertical rise greater than 1/4", and a coefficient of friction at .6 or better in wet or dry conditions.
- A "heel proof" design is different than ADA compliant in that it requires a smaller max. opening of only 1/4".

#### **RECYCLED CONTENT**

Our cast metal products contain a minimum of 80% recycled materials, and are all 100% recyclable.

#### MADE IN THE USA

Iron Age proudly designs and manufactures 100% of our products in the United States.

| WEBSITE: | ironagegrates.com      |
|----------|------------------------|
| TEL:     | 206-276-0925           |
| FAX:     | 206-257-0318           |
| EMAIL:   | info@ironagegrates.com |

Printed on recycled paper stock.

16/2

Iron Age Designs® reserves the right to change or discontinue products at any time.

© Copyright 2018 Iron Age Designs



Raw Cast Iron  $\rightarrow$  Oxidation Phase  $\rightarrow$  Baked-On-Oil Finish



Cast iron, bronze and aluminum shown in an unfinished state

