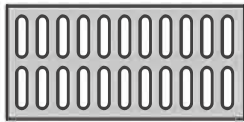


8th EDITION

REFERENCE MANUAL

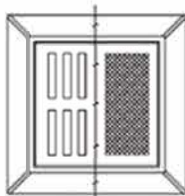
CONSTRUCTION SPECIALTY CASTINGS



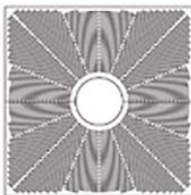
Trench Grates & Frame



Pipe Grates



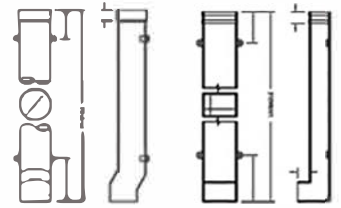
Catch Basins



Tree Grates



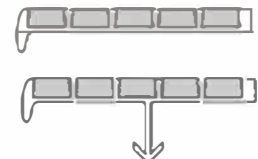
65 Years Serving the
Construction Industry



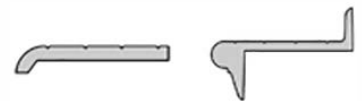
Downspout Boots



Manhole Rings & Covers



Extruded Aluminum
Nosings/Treads/Thresholds



Cast Iron
Nosings/Treads/Thresholds

Trench Grates • Downspout Boots • Nosings • Treads • Tree Grates
Gray Cast Iron • Ductile Cast Iron • Cast Aluminum

Barry Pattern & Foundry Company, Inc.

3333 35th Avenue North, Birmingham, AL 35207

Toll-Free 1-800-524-1809

Fax: 205-841-1972

BarryCraft.com or BarryFdy.com

Loadings shown are for Gray and Ductile Cast Iron.

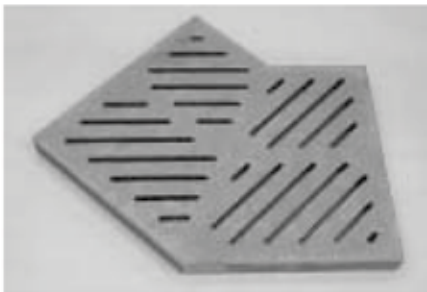
For aluminum covers and grates: If H-20 Loading is required – it must be specified.

OVER SIXTY YEARS



EXPERIENCE & SERVICE

For all purposes: from the simplest to the most complex casting needs...



BarryCraft manufactures quality trench grating for virtually any requirement or need that you may have – from the simplest to the most complex casting needs.

BarryCraft is dedicated to providing the personal service that you need. You will find very quickly that we care about our customers.



BarryCraft is committed to provide the best service, to sell competitively and to meet your needs.

BarryCraft Specifications Meet:

- ASTM (American Society for Testing and Materials) standards.
- Federal Government Standards (RR-F-621C)
- AASHTO (American Association of State Highway and Transportation Official) standards.
- BarryCraft provides load capacities including impact and free open area data on virtually all of our grating.

Short Form Specifications & Service Information

Gray cast iron

Gray cast iron trench grating/solid covers and frames shall be as manufactured by Barry Pattern and Foundry (BarryCraft), Birmingham, Alabama. Gray cast iron used in the manufacture of trench grating or solid covers and frames shall conform to ASTM A48-83 CLASS 35. All castings shall be of uniform quality, free from blow holes, shrinkage defects, swells, cracks or other defects. Casting will be free of fins, burrs and slag.

Ductile cast iron

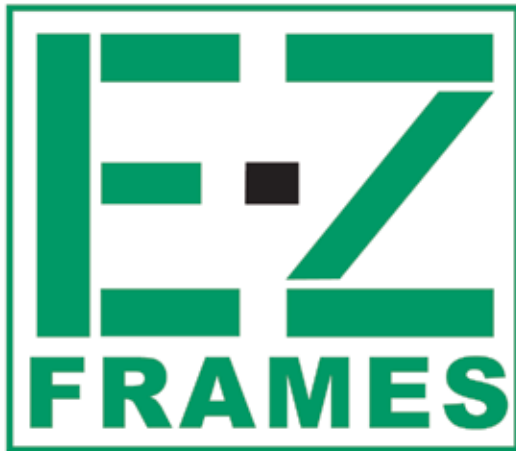
Ductile cast iron trench grating or solid covers (frames furnished in gray cast iron unless specified ductile cast iron) shall be as furnished by Barry Pattern and Foundry (BarryCraft), Birmingham, Alabama. Ductile cast iron used in the manufacture of trench grating or solid covers and frames shall conform to ASTM A536-80 grade 65-45-12. All castings shall be of uniform quality, free from blow holes, shrinkage defects, swells, cracks or other defects. Casting will be free of fins, burrs and slag.

Cast aluminum

Cast aluminum trench grating or solid covers and frames shall be as manufactured by Barry Pattern and Foundry (BarryCraft), Birmingham, Alabama. Cast aluminum used in the manufacture of trench grating or solid covers and frames shall be by alloy 319 meeting Federal Specifications QQ-A-601 and ASTM B-26. All castings shall be of uniform quality, free from blow holes, shrinkage defects, swells, cracks or other defects. Casting will be free of fins, burrs and slag. Cast aluminum will be natural sand-cast finish. H-20 loading must be specified if required.

Our Newest Product

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BuyLine 0790



PATENT #4,993,877

We proudly introduce our newest product...

Consider the advantages:

Cost Savings

- Labor costs drastically reduced.
- Less forming material – less cost.

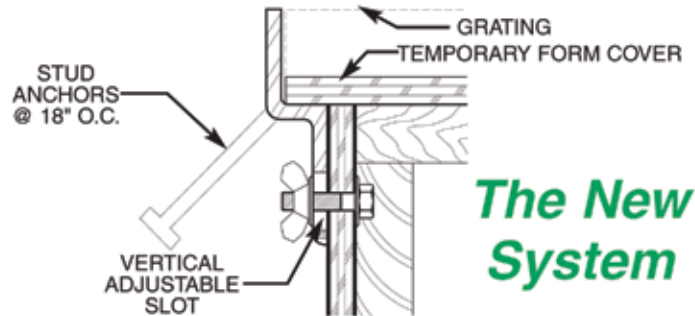
Simple Installation

- Personnel inexperienced in forming can easily install.
- Frames attach simply without the use of wire, nails and seat forms.
- Quickly adjusts for leveling.
- Frames easily cut in the field.
- Frames easily welded in the field.

A Superior Frame Design That Produces Quality Trench Installation

- Insures level frame installation.
- Provides superior anchorage in concrete.
- Reduces risk of spalling of concrete underframes.
- Continuous bearing surface with fewer joints.
- Supplied in standard 4'0" lengths.
- Excellent with brick pavers and tile.
- Galvanized steel.

Unique features for high-quality, low-cost, time-saving installation:



The New System

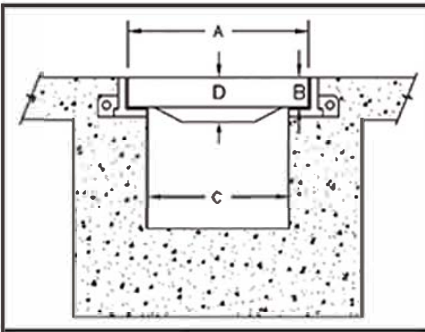
<p>Align E-Z frame bearing surface along top edge of plywood wall form and scribe each slot.</p>		<p>Drill holes in center of the slot.</p> <p>Mount frame to form using 1/4" nuts and bolts.</p> <p>Frame should be tightened enough to be adjustable.</p>
<p>Nail pre-fabricated 2" x 4" box form braces to sidewalls of 3/4" weather resistant plywood. Boxes may be toenailed for future use or nailed from the outside.</p>		<p>Box height is staggered: flush with bearing surface where spreaders are used.</p> <p>Lower boxes for bottom support</p>
<p>When positioned in trench, leveling is easily and quickly accomplished.</p> <p>One suggested method is to position one side and tighten the bolts and nuts. Take a piece of flat steel (the grate width by 24") or use an actual grate, placing it within the frame.</p>		<p>Raise or lower the loose frame until the leveling is assured, then tighten the bolts and install the spreaders.</p> <p>Your level is guaranteed virtually perfect. It works – it is easy!</p>

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800-524-1809

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Detailed installation instructions are included when requested.

Gray Cast Iron Standard Designs



The above illustration, found also on the following pages, shows only basic dimensions, and does not apply to all cover designs. Bar depths, seating widths and center thickness may vary on different styles and sizes.

Gray Cast Iron is an excellent and economical material for use in areas where heavy or light wheel loadings do not subject the grates or covers to extreme shock levels. Gray Cast Iron exhibits good corrosion resistance in road wear areas. BarryCraft Construction Casting Company has provided you with loading tables to enable you to select exactly what you require.

Note: The wheel load selection including impact (such as H-20) is your most important consideration. If H-20 loading is required on aluminum – it must be specified.



Quality Products

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Fax: 205-841-1972

**BarryCraft.com or
BarryFdy.com**

Grates For Heavy Loads

H-20 Loading Trench Grates/Covers/Frames B-H20G Series	TABLE: Dimensions in Inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
H-20 design provides for (on each 2'0" section of grate): (1) two wheel loads of 9,000# + 3,000# of impact per wheel; or (2) a single wheel load of 24,000# (including impact). Our heavy duty grates and frames are designed for warehouse trucks, concrete mixers and tractor trailers.	B-H20G-A	8	1½	6	78	54%
	B-H20G-B	10	1½	8	91	47%
	B-H20G-C	12	1½	10	117	49%
	B-H20G-D	14	1½	12	143	50%
	B-H20G-E	17	1½	15	182	51%
	B-H20G-F	20	1½	18	221	51%
	B-H20G-G	23	1½	21	260	52%
	B-H20G-H	26	1½	24	248	43%
	B-H20G-J	30	2	27	282	44%
	B-H20G-K	33	2	30	317	44%
	B-H20G-L	36	2	33	351	44%
	B-H20G-M	39	2	36	377	44%
	B-H20G-N	45	2	42	441	44%
	B-H20G-O	51	2	48	510	44%

Grates For Lighter Loads



H-15 Loading Trench Grates/Covers/Frames B-H15G Series	TABLE: Dimensions in inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
H-15 design provides for (on each 2'0" section of grate): (1) two wheel loads of 6,750# + 2,250# of impact per wheel; or (2) a single wheel load of 18,000# (including impact). Our medium heavy duty grates and frames are excellent for truck cranes with pneumatic tires and where usual highway and industrial loading occur.	B-H15G-A	8	1½	6	78	54%
	B-H15G-B	10	1½	8	91	47%
	B-H15G-C	12	1½	10	117	49%
	B-H15G-D	14	1½	12	143	50%
	B-H15G-E	17	1½	15	182	51%
	B-H15G-F	20	1½	18	221	51%
	B-H15G-G	23	1½	21	260	52%
	B-H15G-H	26	1½	24	248	43%
	B-H15G-J	30	2	27	282	44%
	B-H15G-K	33	2	30	317	44%
	B-H15G-L	36	2	33	351	44%
	B-H15G-M	39	2	36	377	44%
	B-H15G-N	45	2	42	441	44%
	B-H15G-O	51	2	48	510	44%

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Grates For Lighter Loads

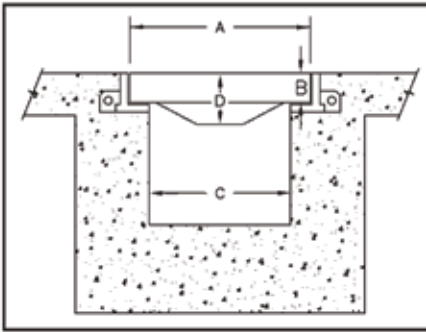


<i>H-10 Loading Trench Grates/Covers/Frames B-H10G Series</i>	TABLE: Dimensions in inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
<p>H-10 design provides for (on each 2' 0" section of grate):</p> <p>(1) two wheel loads 2'0" of 4,500# + 1,500# of impact per wheel; or</p> <p>(2) a single wheel load of 12,000# (including impact).</p> <p>Our medium duty grates and frames are excellent for vehicles such as for light trucks, automobiles and dollies.</p>	B-H10G-A	8	1½	6	78	54%
	B-H10G-B	10	1½	8	91	47%
	B-H10G-C	12	1½	10	117	49%
	B-H10G-D	14	1½	12	143	50%
	B-H10G-E	17	1½	15	182	51%
	B-H10G-F	20	1½	18	221	51%
	B-H10G-G	23	1½	21	260	52%
	B-H10G-H	26	1½	24	248	43%
	B-H10G-J	30	1½	27	282	44%
	B-H10G-K	33	1½	30	317	44%
	B-H10G-L	36	1½	33	351	44%
	B-H10G-M	39	1½	36	377	44%
	B-H10G-N	45	1½	42	441	44%
B-H10G-O	51	1½	48	510	44%	

<i>1000 Pound Loading Trench Grates/Covers/Frames</i>	TABLE: Dimensions in inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
<p>Light duty trench grates, covers and frames are recommended for applications where maximum wheel loads do not exceed 1,000 pounds.</p> <p>In addition to areas with light traffic, these grates are also excellent for pedestrian traffic. They are functional and yet attractive enough for the most demanding eye.</p>	B-1000G-A	8	1½	6	78	54%
	B-1000G-B	10	1½	8	91	47%
	B-1000G-C	12	1½	10	117	49%
	B-1000G-D	14	1½	12	143	50%
	B-1000G-E	16	1½	14	182	51%
	B-1000G-F	18	1½	16	221	51%
	B-1000G-G	20	1½	18	260	52%
	B-1000G-H	24	1½	22	248	43%
	B-1000G-J	26	1½	24	282	44%

***Note:** 1,000 pound loading trench grates and covers are supplied with 1½" edge thickness for use with "L" frame installations. "EZ" frames are also available. Type "L1" frames are available for 3/4" cover thickness. Please specify edge thickness and frame type when ordering.

Ductile Cast Iron Standard Designs



- A = Grate/Cover Width
- B = Edge Thickness
- C = Trench Width
- D = Varies with Load Required

Ductile Cast Iron is an excellent material to be used in areas where heavy or light wheel loading subject extreme and sudden levels of shock to the grates/covers. Ductile Cast Iron by nature will bend slightly, absorbing extreme and sudden impacts. Ductile Cast Iron exhibits essentially the same corrosive resistance as Gray Cast Iron.

Please note: Load strength is in the grate itself. Ductile grates are furnished with gray cast iron frames with no sacrifice in load strength. Ductile iron frames can be furnished - but must be specified.

100 Ton loading is available in type "A" grates and type "D" covers with type "L" Frames only.

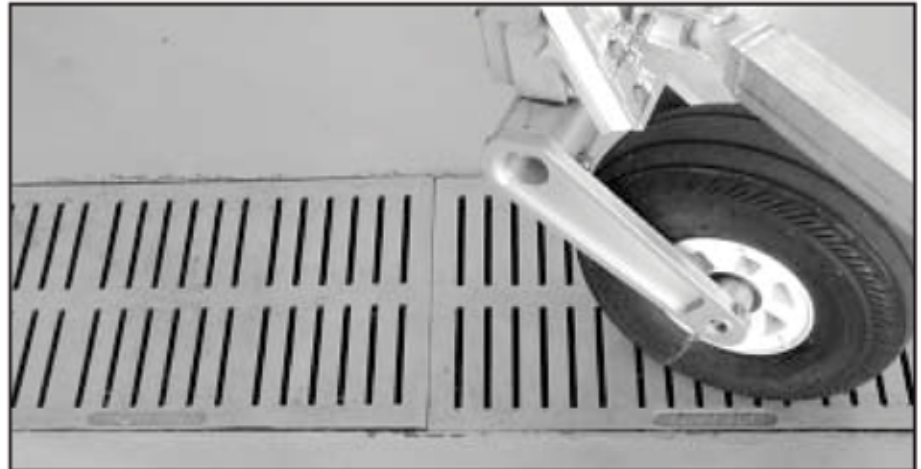
BarryCraft Construction Casting Company has provided you with load tables to enable you to select exactly what you need.



Grates For Extremely Heavy Loads Available in Type "A" or "D" Covers Only in Type "L" Frame Only

60 Ton Wheel Load Trench Grates/Covers/ Frames B-60TD Series	TABLE: Dimensions in inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
This design provides for (on each 2' section of grate). (1) a single wheel load of 60 Tons (120,000#) + 24,000# of impact , equaling a total wheel load of 144,000#.	B-60TD-A	8	1½	6	78	54%
	B-60TD-B	10	1½	8	91	47%
	B-60TD-C	12	1½	10	117	49%
	B-60TD-D	15	2	12	143	50%
	B-60TD-E	18	2	15	182	51%
	B-60TD-F	21	2	18	221	51%
	B-60TD-G	24	2	21	260	52%
	B-60TD-H	27	2	24	248	43%
	B-60TD-J	30	2	27	282	44%
	B-60TD-K	33	2	30	317	44%
	B-60TD-L	36	2	33	351	44%
	B-60TD-M	39	2	36	377	44%
	B-60TD-N	45	2	42	441	44%
	B-60TD-O	51	2	48	510	44%

40 Ton Wheel Load Trench Grates/ Covers/Frames B-40TD Series	TABLE: Dimensions in inches				Open Area /2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
This design provides for (on each 2'0" section of grate): (1) a single wheel load of 40 Tons (80,000#) + 16,000# of impact , equaling a total wheel load of 96,000#.	B-40TD-A	8	1½	6	78	54%
	B-40TD-B	10	1½	8	91	47%
	B-40TD-C	12	1½	10	117	49%
	B-40TD-D	15	2	12	143	50%
	B-40TD-E	18	2	15	182	51%
	B-40TD-F	21	2	18	221	51%
	B-40TD-G	24	2	21	260	52%
	B-40TD-H	27	2	24	248	43%
	B-40TD-J	30	2	27	282	44%
	B-40TD-K	33	2	30	317	44%
	B-40TD-L	36	2	33	351	44%
	B-40TD-M	39	2	36	377	44%
	B-40TD-N	45	2	42	441	44%
	B-40TD-O	51	2	48	510	44%



20 Ton Wheel Load Trench Grates/ Covers/ Frames B-20TD Series	TABLE: Dimensions in inches				Open Area/2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
<p>This design provides for (on each 2'0" section of grate):</p> <p>(1) a single wheel load of 20 tons (40,000#) + 8,000# of impact, equaling a total wheel load of 48,000#.</p> <p>Our extra heavy duty grates and frames are recommended in areas subjected to extremely heavy loads and shock levels. They are excellent in areas subjected to heavy aircraft, heavy dock cranes, military vehicles and very heavy earth moving equipment.</p>	B-20TD-A	8	1½	6	78	54%
	B-20TD-B	10	1½	8	91	47%
	B-20TD-C	12	1½	10	117	49%
	B-20TD-D	14	1½	12	143	50%
	B-20TD-E	17	1½	15	182	51%
	B-20TD-F	20	1½	18	221	51%
	B-20TD-G	23	1½	21	260	52%
	B-20TD-H	26	1½	24	248	43%
	B-20TD-J	30	2	27	282	44%
	B-20TD-K	33	2	30	317	44%
	B-20TD-L	36	2	33	351	44%
	B-20TD-M	39	2	36	377	44%
	B-20TD-N	45	2	42	441	44%
	B-20TD-O	51	2	48	510	44%

Grates For Heavy Loads



H-20 Loading Trench Covers/Grates/ Frames B-H20D Series	TABLE: Dimensions in inches				Open Area/2'0" section	
	Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"	Square Inches	Percent
<p>H-20 design provides for (on each 2'0" section of grate):</p> <p>(1) two wheel loads of 9,000# + 3,000# of impact per wheel; or</p> <p>(2) a single wheel load of 24,000# (including impact).</p> <p>Our heavy duty grates and frames are designed for warehouse trucks, concrete mixers, tractor trailers and heavy forklifts.</p>	B-H20D-A	8	1½	6	78	54%
	B-H20D-B	10	1½	8	91	47%
	B-H20D-C	12	1½	10	117	49%
	B-H20D-D	14	1½	12	143	50%
	B-H20D-E	17	1½	15	182	51%
	B-H20D-F	20	1½	18	221	51%
	B-H20D-G	23	1½	21	260	52%
	B-H20D-H	26	1½	24	248	43%
	B-H20D-J	30	2	27	282	44%
	B-H20D-K	33	2	30	317	44%
	B-H20D-L	36	2	33	351	44%
	B-H20D-M	39	2	36	377	44%
	B-H20D-N	45	2	42	441	44%
	B-H20D-O	51	2	48	510	44%

Pedestrian – Handicap/Bicycle Trench Grating

Pedestrian Trench Grating



Call Us Toll Free: 1-800-524-1809
Fax: 205-841-1972

BarryCraft's "pedestrian" trench grating (type HH design: see Page 11) is a new improved trench grate design for pedestrian traffic. The 5/16" wide slot helps to provide safer grating to walk on in the areas where drainage is required. When specifying or ordering BarryCraft's "pedestrian" grating, please remember to indicate the type of material required. BarryCraft offers you three choices:

- Gray cast iron
- Ductile cast iron
- Cast aluminum

The type L frame is standard and will be provided with the pedestrian grating when a frame is specified.

Applications for BarryCraft's "pedestrian" grating include: sidewalks, terraces, shopping malls, around swimming pools and other areas where appearance and public safety are important.

TABLE: Dimensions in inches

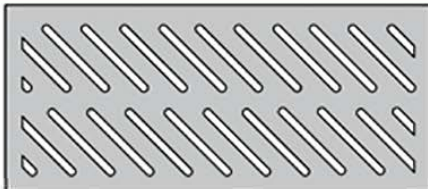
Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"
B-PED-A1	6	1½	4
B-PED-A2	8	1½	6
B-PED-A3	10	1½	8
B-PED-A4	12	1½	10
B-PED-A5	14	1½	12

*Note: "Pedestrian" trench grating are supplied with 1½" edge thickness for use with "L" frame installations.

"EZ" frames are also available. Please specify edge thickness and frame type when ordering.

Custom sizes may be available.

Handicap/Bicycle Trench Grating



BarryCraft's "handicapped/bicycle" trench grating (type AAA design: see Page 11) is designed to help ease handicap and bicycle traffic safely over trench grating installations. BarryCraft's "handicapped/ bicycle" trench grating's standard diagonal slots are 3/8" wide with a maximum slot length of 9". Grates and frames may be ordered or specified in:

- Gray cast iron
- Ductile cast iron
- Cast aluminum

The type L frame (see page 11) is standard and will be provided with the Handicapped/bicycle grating when a frame is specified.

BarryCraft's "handicapped/bicycle" trench grating is particularly suitable in any public area where handicapped and others on small tire traffic have access. Such areas include hospitals, schools, office buildings, colleges, public sidewalks and shopping malls.

TABLE: Dimensions in inches

Trench Grating Style	Grate Width "A"	Edge Thickness "B"	Trench Width "C"
B-HCB-A1	6	1½	4
B-HCB-A2	8	1½	6
B-HCB-A3	10	1½	8
B-HCB-A4	12	1½	10
B-HCB-A5	14	1½	12

*Note: "Handicapped/bicycle" trench grating are supplied with 1½" edge thickness for use with "L" frame installations.

"EZ" frames are also available. Please specify edge thickness and frame type when ordering.

Custom sizes may be available.

Standard Frame Types

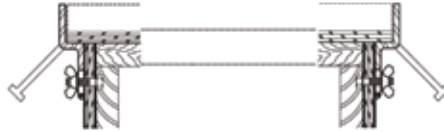
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BuyLine 0790

E-Z frames are high quality, at a low cost and are simple to install.



Type "L"
Type "L" frame-standard
and most popular!



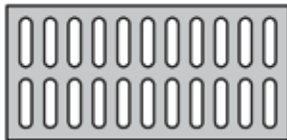
Type E-Z
Most simple to install.



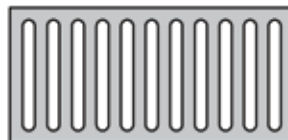
Type "L1" 3/4 inch
Light duty grates only.

Standard Grate & Cover Designs

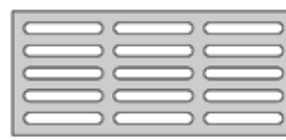
Available in Gray, Ductile Cast Iron, Aluminum



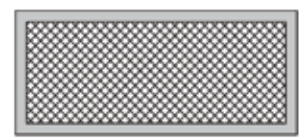
Type "A" Grate (slots run perpendicular to frame).
Recommended for highest strength and lowest cost.



Type "B" Grate (slots perpendicular to frame.)

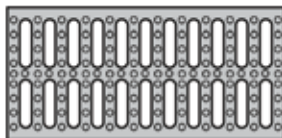


Type "C" Grate (slots parallel to frame.)



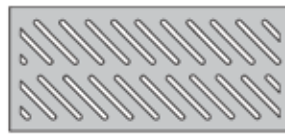
Type "D" Solid Cover.
Abrasive grit available.

New!

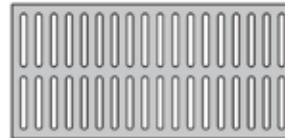


Type "AK" Grate (slots run perpendicular to frame).
Recommended for highest strength and lowest cost with raised knobs to improve drainage and traction.

New grate designs for safety!



Type "AAA"
(slots run diagonal to frame.
For handicap/bicycle safety.)



Type "HH" Grate
(slots run perpendicular to frame. Slots to 5/16" wide for pedestrian traffic.)



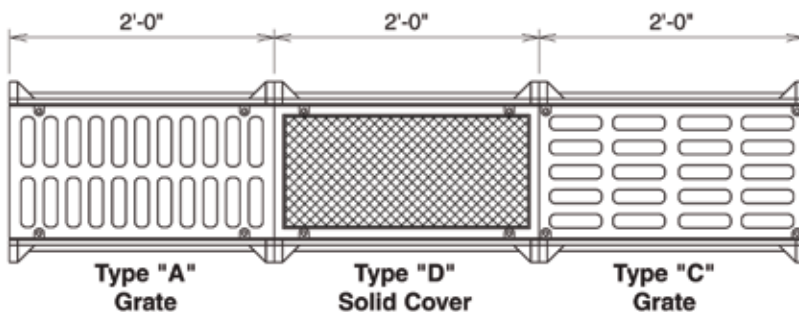
Type "W" Wave Grates.
This is a top surface view. There are Cross Ribs underneath for support.

Safer for wheelchairs and bicycles!
Excellent drainage from all directions.
Strength designs for light wheelchair/
bicycle traffic up to aircraft traffic.



Safer for pedestrian traffic.
Strength designs for light pedestrian traffic up to aircraft traffic.

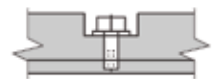
Bolting Details



Top View



Type "L" Frame



Side View



Construction Casting Company
800-524-1809

BarryCraft.com or BarryFdy.com

SEE US IN



Downspout Boots Gray Cast Iron & Cast Aluminum

B4924 Series

BarryCraft's gray cast iron and cast aluminum downspout boots are heavy duty and should last virtually the life of the building.

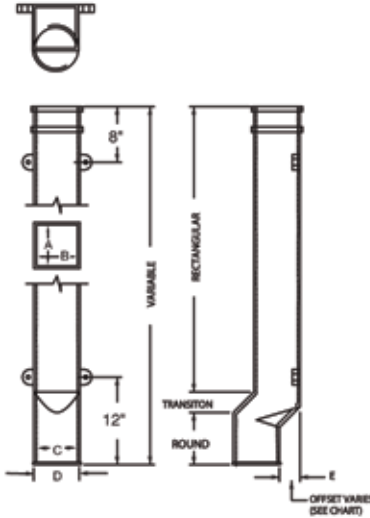
Cast iron downspout boots will be painted primer gray. Aluminum downspout boots will have a sand cast finish.

When ordering, please specify:

- Material - Cast Iron or Cast Aluminum
- Style of Downspout - Example - "B25A"
- What length downspout boot is required
- What size downspout is fitting into the top of the boot
- What size outlet is desired to attach to your drainage system

B25A

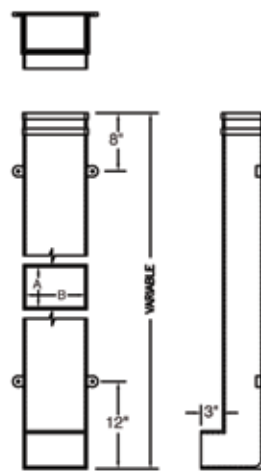
Pattern



Rectangular downspout to round discharge outlet is designed to empty straight into a soil pipe. This downspout boot is also designed with an offset from the building to allow the pipe hub to fit around the downspout boot. They may be used with PVC pipe. Check clearances in the table below.

B25B

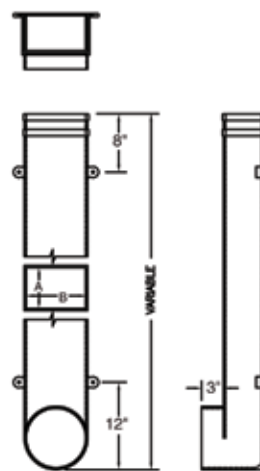
Pattern



Rectangular downspout to rectangular discharge outlet is designed to empty into a trench or gutter box at a 90° turn.

B25C

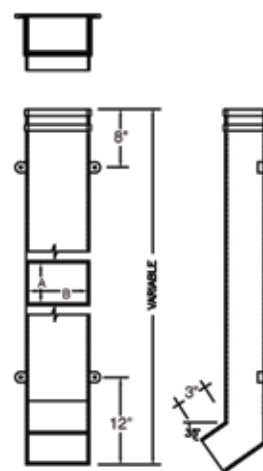
Pattern



Rectangular downspout to round discharge outlet is designed to empty into a vitrified, concrete or soil pipe with a 90° turn. Downspout outlet is designed to fit into the hub of a standard soil pipe or PVC pipe. Call to verify diameter clearances.

B25D

Pattern



Rectangular downspout to rectangular discharge outlet is designed to empty onto a splash block or paved area.

B25 Series Standard Inside A" x B" Dimensions

3" x 3"
3" x 4"
3" x 5"
4" x 4"
4" x 5"
4" x 5"
4" x 6"
5" x 5"
6" x 6"

DOWNSPOUT BOOTS STYLE 25A STANDARD OUTLETS AVAILABLE

Other sizes may be available upon request for the B25A downspout boots.

DOWNSPOUT SIZE A x B	OUTLET I.D. C	OUTLET O.D. D	OFFSET E
3" x 3"	3"	4"	2½"
3" x 4"	4"	4⅞"	2½"
3" x 5"	5"	6"	2⅝"
4" x 4"	4"	4⅞"	2¼"
4" x 5"	4"	4⅞"	2½"
4" x 5"	5"	6"	2⅝"
4" x 6"	4"	4⅞"	1½"
4" x 6"	6"	6⅞"	1½"
5" x 5"	6"	7"	2½"
6" x 6"	6"	7"	1¼"

Standard Lengths 12" 18" 24" 30" 36" 42" 48" 54" 60" 72"

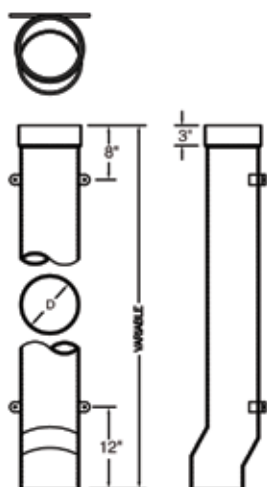
Round Downspout Boots

Gray Cast Iron & Cast Aluminum

BarryCraft downspout boots are excellent in areas subjected to vehicular traffic where light duty downspout boots can be easily damaged. Our downspout boots are also excellent in public areas such as around buildings or schools where pedestrian traffic can vandalize light duty downspouts.

B26A

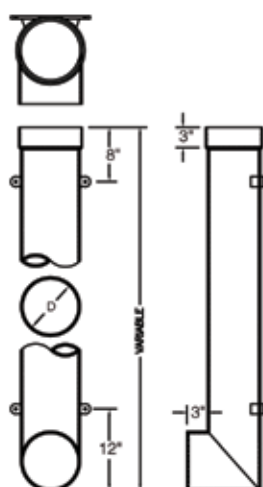
Pattern



Round downspout to a round discharge is designed to empty straight down into a soil pipe. This downspout boot is also designed with an offset from the building to allow the pipe hub to fit around the Downspout boot. Standard offset 2½". PVC pipe may be used. Call to check clearances.

B26B

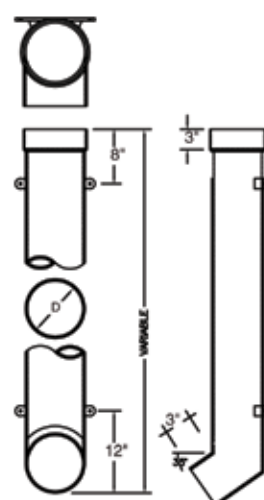
Pattern



Round downspout to a round discharge to empty into a soil pipe at a 90 turn. The outlet is designed to fit into the hub of a standard soil pipe. PVC pipe may be used. Call to check clearances.

B26C

Pattern



Round downspout to a round discharge is Designed to empty onto a splash block or paved area.

"D"

- 3" dia. Inside diameter of round
- 4" dia. downspout boots.
- 5" dia.
- 6" dia.

Cast iron downspout boots will be painted primer gray.

Cast aluminum downspout boots will have a sand cast finish.

Standard Lengths 12" 18" 24" 30" 36" 42" 48" 54" 60" 72"

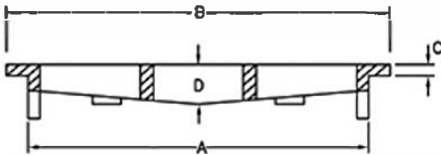
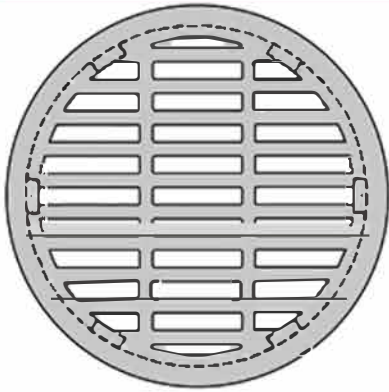


Construction Casting Company
800-524-1809

BarryCraft.com or BarryFdy.com

The BarryCraft Line of Quality Cast Products Available in Cast Gray Iron or Aluminum

Heavy Duty Pipe Grates

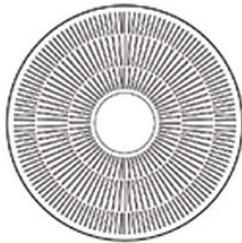


B-4042 HEAVY DUTY GRATES FOR THE END OF CORRUGATED PIPE OR PVC PIPE					
PIPE SIZE	A	Overall DIA. (B)	Edge (C)	Center (D)	Total Wt.
6	5 1/4"	7 1/2"	1/2"	3/4"	12
8	7 1/4"	10"	5/8"	1 1/4"	15
10	9 1/4"	12"	3/4"	1 1/4"	25
12	11 1/4"	14 1/2"	3/4"	1 1/4"	34
15	14 1/4"	17 1/2"	3/4"	1 1/2"	50
18	17 1/4"	20 1/2"	3/4"	1 1/2"	15
24	23 1/4"	26 1/2"	3/4"	2 1/4"	130
30	29 1/4"	32 1/2"	1"	2 1/4"	228
36	35 1/4"	38 1/2"	1 1/8"	3"	325
42	41 1/4"	44 1/2"	1 1/2"	4"	480
48	47 1/4"	50 1/2"	1 1/2"	4 1/4"	630

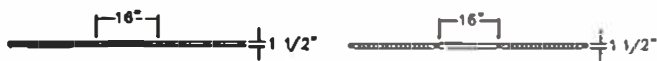
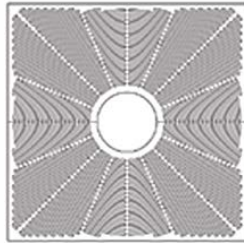
A = Pipe Size minus 1/4" Diameter

Tree Grates & Frames - Hundreds of Styles

Sunburst Design

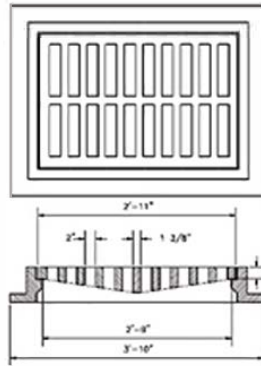


Concentric Design



For sizes see Sweets CD, sweets.com or order catalog.

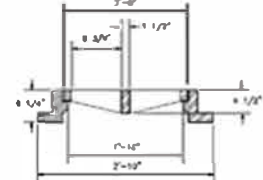
Airport Drainage Inlet



Ductile Iron Grates can be Specified for Added Material Strength

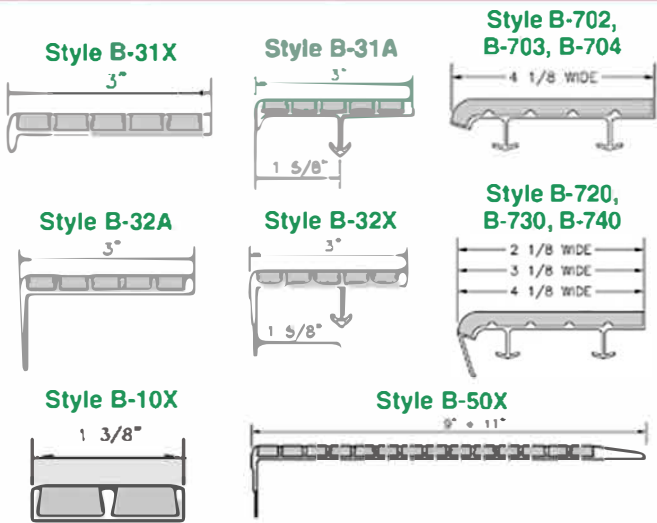
B3485 Series

- Extra Heavy Duty
- Bottom Flange Frame with Grate Suitable for the Most Heavy Traffic Uses.
- Specify if Bolting Is Required.

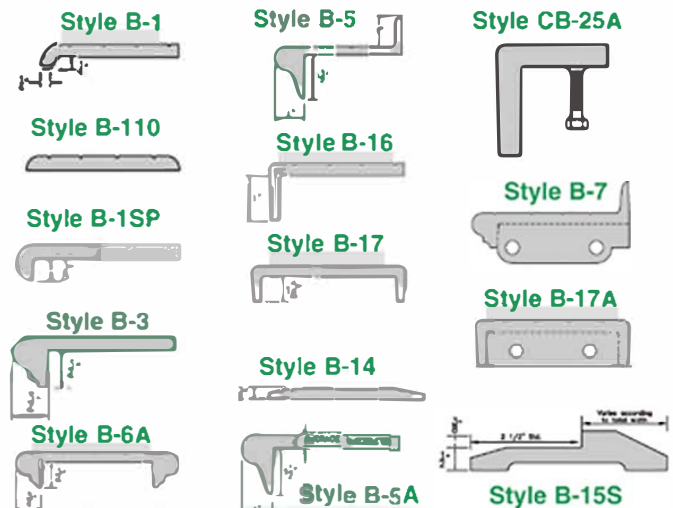


For sizes see Sweets CD, sweets.com or order catalog.

Extruded Aluminum Nosings, Treads & Thresholds



Cast Treads, Nosings & Thresholds



Barry Pattern & Foundry Company, Inc. 3333 35th Avenue North, Birmingham, AL 35207
 Call Toll Free 1-800-524-1809
 Fax: 205-841-1972