

# BKX Round Junction Boxes

CSA Certification Only.

## Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, BKX junction boxes are weatherproof.
- BKX junction boxes are dust-ignitionproof when supplied for Class II applications. Suitable for use in grain elevators, flour mills and other environments where dust presents a hazard.

## Features

- Malleable iron Unilets offer high tensile strength, ductility, corrosion resistance and impact and shock resistance.
- Copperfree aluminum Unilets are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Roomy interiors: more wiring space.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- BKX Series
  - Enclosed and gasketed boxes when used with hub or blank covers provide CSA Type 4 fit.
  - Suitable for exposed or concealed installations.
  - Boss in rear of box allows for fifth entry, factory or field entries, 1/2" or 3/4".
  - Available in three inside depths: 1-1/2", 2-1/4" and 3".
  - Furnished with four tapped holes and two close-up plugs.
  - Available in gray iron and aluminum.
  - Cushion fixture hangers are enclosed and gasketed.
  - Available for Class II, Division 1 applications.
  - Can be fitted with terminal block.

## Standard Materials

- BKX junction boxes and cast covers: gray iron
- BKX-A junction boxes and cast aluminum covers: copperfree (max. 4/10ths of 1%) aluminum
- BKX sheet metal covers: steel or aluminum
- Gaskets: neoprene or composition fiber

## Standard Finishes

- Boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat

## Options

- Factory installed terminal block, add suffix **-CB** to catalog number

## Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 013017

## Related Products

- For explosionproof junction boxes, see Enclosures and Junction Boxes.
- For Class II Fixture Hangers, See *Lighting*.



**BKX Junction Boxes.**  
Choice of three depths.



**BKX Class II Junction Boxes with covers and gasket.**









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Fittings

FITTINGS: CONDUIT OUTLET BODIES






Description	Hub Size (Inches)	Catalog Number	
		Aluminum	Gray Iron
 <p><b>BKXS — 1-1/2" Inside Depth</b> Furnished with four tapped holes and 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as separate item.</p>	1/2	<b>BKXS-1A</b>	<b>BKXS-1</b>
	3/4	<b>BKXS-2A</b>	<b>BKXS-2</b>
	1	<b>BKXS-3A</b>	<b>BKXS-3</b>
 <p><b>BKXM — 2-1/4" Inside Depth</b> Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as separate item.</p>	1/2	<b>BKXM-1A</b>	<b>BKXM-1</b>
	3/4	<b>BKXM-2A</b>	<b>BKXM-2</b>
	1	<b>BKXM-3A</b>	<b>BKXM-3</b>
 <p><b>BKXD — 3" Inside Depth</b> Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as a separate item.</p>	1/2	<b>BKXD-1A</b>	<b>BKXD-1</b>
	3/4	<b>BKXD-2A</b>	<b>BKXD-2</b>
	1	<b>BKXD-3A</b>	<b>BKXD-3</b>
<b>BKX Covers — Furnished with screws</b>			
 <p>Cast</p>	Blank	<b>CBK-A</b>	<b>CBK</b>
	1/2	<b>CBK-1A</b>	<b>CBK-1</b>
	3/4	<b>CBK-2A</b>	<b>CBK-2</b>
 <p>Sheet Metal</p>	Blank	<b>CB-A</b>	<b>CB</b>
 <p><b>BKX Gasket</b> Neoprene</p>		—	<b>BKG</b>
<b>JB — Flexible Fixture Hangers — Furnished with gasket and screws.</b>			
 <p><b>Ball Type</b> 15° swing in all directions, supports 250 lbs./113.4 kgs.</p>	1/2	—	<b>JBK-50-BS</b>
	3/4	—	<b>JBK-75-BS</b>
 <p><b>Cushion Type</b> Enclosed and gasketed — 8° swing in all directions. Cushions 40 lbs., supports 250 lbs./113.4 kgs.</p>	1/2	—	<b>JBK-50-CS</b>
	3/4	—	<b>JBK-75-CS</b>

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# BKX Round Junction Box Assemblies

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Class II, Division 1 and 2, Groups E, F, G  
Class III  
CSA Enclosure 4

Description	Hub Size (Inches)	Catalog Number	
		Aluminum	Gray Iron
 <p><b>BKXS – 1-1/2" Inside Depth</b> Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXS-1BA	BKXS-1B
	3/4	BKXS-2BA	BKXS-2B
 <p><b>BKXM – 2-1/4" Inside Depth</b> Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXM-1BA	BKXM-1B
	3/4	BKXM-2BA	BKXM-2B
	1	BKXM-3BA	BKXM-3B
 <p><b>BKXD – 3" Inside Depth</b> Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXD-1BA	BKXD-1B
	3/4	BKXD-2BA	BKXD-2B
	1	BKXD-3BA	BKXD-3B
 <p><b>BKX – Class II replacement cover assemblies</b> Cast cover with permanently affixed gasket. Furnished with screws.</p>	—	CBK-GA	CBK-G
 <p><b>Terminal Block</b> Furnished with fastening hardware. 5 wire, 20 Amp, 300 Volt.</p>	—	—	CB205B

Fittings

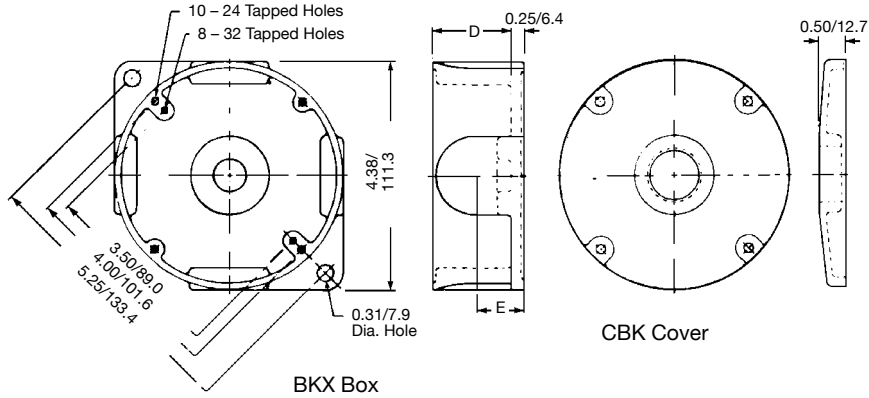
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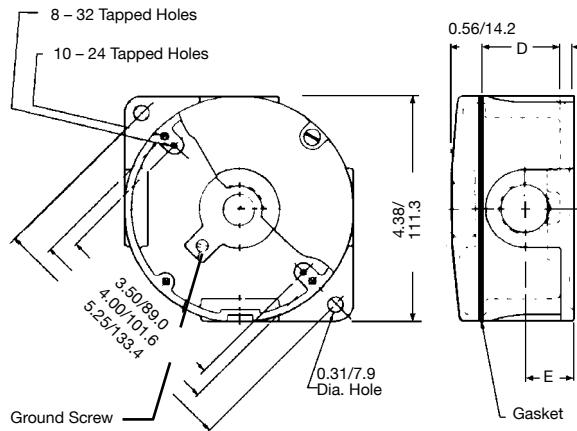
# BKX Cast Junction Boxes Dimensions

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## BKX Round Base Unilet (Dimensions in Inches/Millimeters)




## BKX Round Base Unilet for Class II (Dimensions in Inches/Millimeters)



Fittings

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Enclosure	Dimensions in Inches/Millimeters	
	D	E
BKXS	1.50/38.1	0.94/23.9
BKXM	2.25/57.2	1.56/39.6
BKXD	3.00/76.2	1.56/39.6

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