

FS and FD Cast Device Boxes: Malleable Iron, Aluminum

UNILETS® for use with Threaded Rigid Conduit and IMC.
All Device Boxes have Ridge Top Construction.

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- FS and FD blank bodies—for special conduit-entrance arrangements.

Features: All FS and FD Boxes

- Corrosion-resistant—ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility—provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.

Features: Cast Hub Boxes

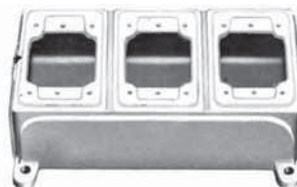
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Features: FDB Blank Bodies for Drilling and Tapping

- Available in single, two and three gang boxes.
- Drilling and tapping from 1/2" thru 1-1/2".
- Minimum engagement of 3-1/2 threads.
- With mounting lugs.
- FDB-2GL and FDB-3GL can also be drilled and tapped in back of box (wall opposite cover).



1 Cast Hub Boxes.
Single Gang shown.



2 Blank Bodies for Drilling
and tapping. FDB-3L shown.



3 Blank Bodies for Brazed Hubs.
FS-2G shown.

Features: FS & FD Blank

Bodies for Brazed Hubs

- Available in single, two, three and four gang boxes.
- Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4".
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Standard Materials

- Cast Hub Device Boxes and Boxes for Drilling and Tapping: malleable iron or copper-free (4/10 of 1% max.) aluminum.
- Brazed Hubs: malleable iron.
- Covers: malleable iron, steel, or copper-free (4/10 of 1% max.) aluminum.

Standard Finishes

- Malleable Iron Device Boxes: triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat.
- Aluminum Device Boxes: epoxy powder coat.

- Malleable Iron Covers with Gaskets: triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat.

- Steel Covers: zinc electroplate.

- Aluminum Covers: epoxy powder coat.

Compliances

- UL Standard: 498 and 514A.
- U.S. Federal Specification W-C-586B.
- Appleton malleable iron products conform to ASTM A47-77, Grade 32510, which has the following properties: tensile strength, 50,000 psi; yield, 32,000 psi; and elongation, 10%.
- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max.) alloy.

Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to "Ordering Information" pages.



Gasket is designed so that it wraps around ridge top of Appleton aluminum or malleable iron device box. Result is a positive seal against moisture.



Gasket construction. Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

FS and FD Cast Device Boxes: Single Gang; Malleable Iron, Aluminum

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2 3/4 1	FS-1-50 FS-1-75 FS-1-100	FS-1-50-A FS-1-75-A FS-1-100-A
	FD	Deep	1/2 3/4	FD-1-50 FD-1-75	FD-1-50-A FD-1-75-A
	FSC	Shallow	1/2 3/4 1	FSC-1-50 FSC-1-75 FSC-1-100	FSC-1-50-A FSC-1-75-A FSC-1-100-A
	FDC	Deep	1/2 3/4	FDC-1-50 FDC-1-75	FDC-1-50-A FDC-1-75-A
	FSS	Shallow	1/2 3/4	FSS-1-50 FSS-1-75	FSS-1-50-A FSS-1-75-A
	FDS	Deep	1/2 3/4 1	FDS-1-50 FDS-1-75 FDS-1-100	FDS-1-50-A FDS-1-75-A FDS-1-100-A
	FSLA	Shallow	1/2	FSLA-1-50	

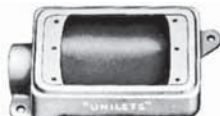
FS and FD Cast Device Boxes: Single Gang; Malleable Iron, Aluminum

UNILETS® for use with Threaded Rigid Metal Conduit and IMC.
FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal
Ground Screw.

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FSCA	Shallow	1/2	FSCA-1-50	
			3/4	FSCA-1-75	
	FSCC	Shallow	1/2	FSCC-1-50	
			3/4	FSCC-1-75	
	FDCC	Deep	1/2	FDCC-1-50	FDCC-1-75-A
			3/4	FDCC-1-75	
			1	FDCC-1-100	
	FSCT	Shallow	1/2	FSCT-1-50	
			3/4	FSCT-1-75	
			1	FSCT-1-100	
	FDCT	Deep	1/2	FDCT-1-50	
			3/4	FDCT-1-75	
			1	FDCT-1-100	
	FST	Shallow	1/2	FST-1-50	
			3/4	FST-1-75	
	FDT	Deep	1/2	FDT-1-50	
			3/4	FDT-1-75	
			1	FDT-1-100	
	FSX	Shallow	1/2	FSX-1-50	
			3/4	FSX-1-75	
	FDX	Deep	1/2	FDX-1-50	
			3/4	FDX-1-75	
			1	FDX-1-100	
	FSCD	Shallow	1/2	FSCD-1-50	
			3/4	FSCD-1-75	

FS and FD Cast Device Boxes: Single Gang and Tandem; Malleable Iron

UNILETS® for use with Threaded Rigid Metal Conduit and IMC.
FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with
Internal Ground Screw.

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top	Aluminum Ridge Top
FS and FD Single Gang Boxes with Mounting Lugs					
	FS	Shallow	1/2 3/4	FS-1-50L FS-1-75L	
	FD	Deep	1/2 3/4 1	FD-1-50L FD-1-75L FD-1-100	FD-1-50L-A FD-1-75L-A FD-1-100-A
	FSC	Shallow	1/2 3/4	FSC-1-50L FSC-1-75L	
	FDC	Deep	1/2 3/4 1	FDC-1-50L FDC-1-75L FDC-1-100	FDC-1-50L-A FDC-1-75L-A FDC-1-100-A
FS Single Gang Boxes with Double Opening					
	FS	3.38"	1/2 3/4	FS-1D-50 FS-1D-75	
	FSC	3.38"	1/2 3/4	FSC-1D-50 FSC-1D-75	
FS Two-Gang Tandem Boxes					
Take single gang covers					
	FS	Shallow	1/2 3/4	FS-2T-50 FS-2T-75	
	FSC	Shallow	1/2 3/4	FSC-2T-50 FSC-2T-75	
	FS	Extension	1.00"	FS-1EXT	