

HANGERS & FASTENERS

DROP-IN-ANCHORS
MODELS LV-MDS3E,
LV-MDS12, LV-DS3E,
LV-DS12, & LV-DS34



Material Specifications

Material

Zinc Plated Steel

Approvals

UL Listed

Conformance

ANSI/CAN/UL 203

NFPA

Product Overview

Lansdale Drop-In Anchors and Mini Drop-In Anchors are UL listed in accordance with NFPA requirements. Zinc plating provides corrosion resistance. Follow NFPA requirements and installation instructions for proper use.

Installation

STEP 1: Using a bit suitable for the material being drilled, drill an appropriate sized hole according to the table below.

STEP 2: After inserting the anchor, insert the correct size setting tool and drive the anchor until the shoulder of the setting tool meets the edge of the anchor. The anchor is now installed and ready to be used.

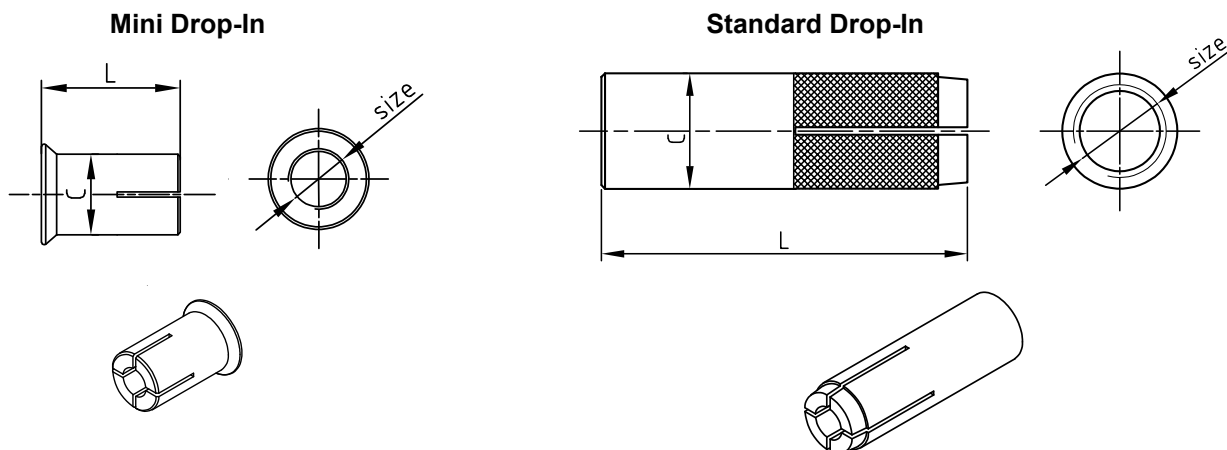
Note: It is recommended that when used in cinder block, that the anchor be placed between the cells.



PROJECT INFORMATION		APPROVAL STAMP
Project:		☐ Approved
Address:		☐ Approved as noted
Contractor:		☐ Not approved
Engineer:		Remarks:
Submittal Date:		
Notes 1:		
Notes 2:		

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Drop-in-Anchor									
Part Number	Model	Description Drop-in-Shield	Drill Bit Size (DIN)	Anchor Length (L) Hole Depth	Pull out/* Tension (lbs.)	Shear*	Max Pipe Size	C (in.)	WT (lbs.)
				Min. Embedment (in.)					
500-450-00010	LV-MDS3E	MINI 3/8"	1/2"	0.78	750	2000	2"	.47	.03
500-450-00015	LV-MDS12	MINI 1/2"	5/8"	1.00	1500	2350	4"	.63	.07
500-450-00020	LV-DS3E	STD 3/8"	1/2"	1.57	1500	2900	4"	.47	.06
500-450-00040	LV-DS12	STD 1/2"	5/8"	2.00	4050	4200	8"	.63	.11
500-450-00050	LV-DS34*	STD 3/4"	1"	3.15	8200	9600	12"	.98	.26

Based on 2,500 psi concrete
*Not UL Listed

For combined loading this formula must be followed

$$\left(\frac{TA}{TAL}\right) + \left(\frac{SA}{SAL}\right) \leq 1$$

TA - Tension Applied
TAL - Tension Allowable
SA - Shear Applied
SAL - Shear Allowable

General Notes:

- Please always refer to the latest approval data posted on the Lansdale website.
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- Lansdale reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on Lansdale products previously sold.

For more information

Learn more about Lansdale's other products
by visiting www.lansdalevalve.com

Lansdale Valve & Manufacturing

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