



DESCRIPTION:

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.

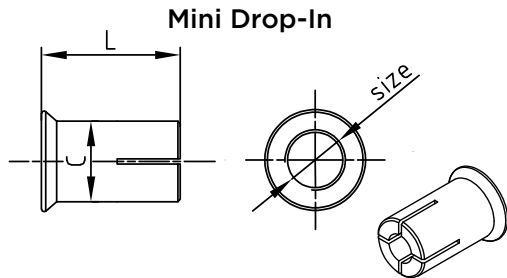
- **Material:** Zinc Plated Steel

INSTALLATION:

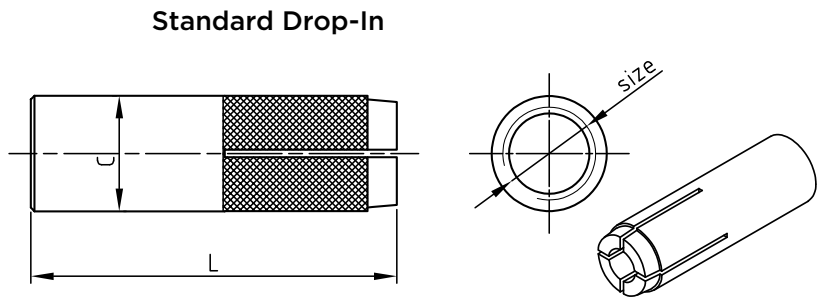
STEP 1: Using a bit suitable for the material being drilled, drill an appropriate sized hole according to the table below.

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.



Mini Drop-In



Standard Drop-In

| MODEL | DESCRIPTION | DRILL BIT SIZE (DIN) | SIZE | | PULL OUT/ TENSION (lbs.) | SHEAR* | MAX PIPE SIZE | C (in.) | WT (lbs.) |
|----------|--------------------------|----------------------|---------------------------------|----------------------|-----------------------------|--------|---------------|---------|-----------|
| | | | ANCHOR LENGTH (L) HOLE DEPTH | MIN. EMBEDMENT (in.) | | | | | |
| LV-MDS3E | MINI 3/8" DROP IN SHIELD | 1/2" | .80 | | 750 | 2000 | 2" | .47 | .03 |
| LV-MDS12 | MINI 1/2" DROP IN SHIELD | 5/8" | 1.00 | | 1500 | 2350 | 4" | .63 | .07 |
| LV-DS3E | STD 3/8" DROP IN SHIELD | 1/2" | 1.57 | | 1500 | 2900 | 4" | .47 | .06 |
| LV-DS12 | STD 1/2" DROP IN SHIELD | 5/8" | 2.00 | | 4050 | 4200 | 8" | .63 | .11 |
| LV-DS34* | STD 3/4" DROP IN SHIELD | 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

| PROJECT | APPROVAL STAMP |
|-----------------|--|
| PROJECT: | <input type="checkbox"/> APPROVED |
| ADDRESS: | <input type="checkbox"/> APPROVED AS NOTED |
| ENGINEER: | <input type="checkbox"/> NOT APPROVED |
| SUBMITTAL DATA: | REMARKS: |
| NOTES 1: | |
| NOTES 2: | |