

DOUBLE EXPANSION SHIELD

MODEL LVHEXS



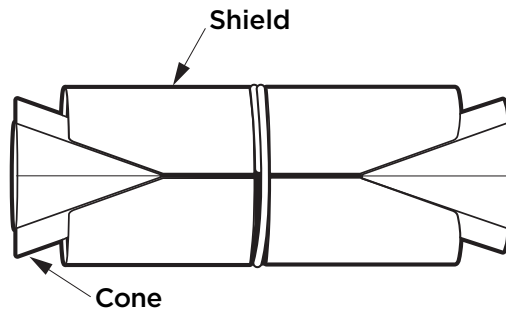
DESCRIPTION

The Lansdale Double Expansion Shield is a dual expansion anchor suitable for materials such as solid concrete, cinder block, brick and stone.

The anchor consists of four parts; a two piece tubular shield, a hollow wedge shaped cone and a wedge shaped nut, held together with a pair of spring bands and is constructed from a zinc alloy.

INSTALLATION

When installing, the anchor should be flush with the material it is going into; please see the table below for hole diameter and anchor length. The anchor should be tapped into the hole until flush; spacing between anchors should be no less than twelve (12) anchor diameters between each other and should be eight (8) anchor diameters from the edges.



MATERIAL SPECIFICATION (In.)							
	ANSI DRILL BIT SIZE	LENGTH OF SHIELD BODY	DIAMETER OF SHIELD BODY	THREAD SIZE	MAX TIGHTENING TORQUE (FT.-LBS.)	TEST LOAD* (ULTIMATE TENSILE STRENGTH) 3000 PSI CONCRETE	SAFE ALLOWABLE LOAD* (3000 PSI CONCRETE)
3/8	3/4	2	1-1/16	3/8-16	10	1,750 Lbs.	437 Lbs.
1/2	7/8	2-1/4	7/8	1/2-1-3	20	2,200 Lbs.	550 Lbs.

*The safe allowable load is 25% of the test load

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:	