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## Item # 370989, 1/2 x 4-1/2" Power Stud<sup>TM+</sup> SD1 Anchor

- ICC-ES Report #ESR-2818
- COLA Report #LARR-25787
- UL Listed File #EX1289
- Factory Mutual Approved
- Various DOT Approvals including CalTrans listing for "Stud Mechanical Expansion Anchors"
- Federal GSA Specifi



## Specifications | Holds Up to | Technical Information | Max. Allowable Load

Spe	Specifications				
	Size	1/2 x 4-1/2"			
	Finish	Steel/Zinc			
	Packaging	Wini Box			
	Pieces per Pak	10			
	UPC	008236433487			

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r					
	Drill Size	1/2 in			
	Min. Embedment	2-1/4 in			
	Base Material	Concrete			
	<b>Building Code Approved</b>	Yes			
Hol	ds Up to		-		
	Holds Up to (4000 psi Concrete) <sup>1</sup>	1700 lbs			
Technical Information –					
	This catalog provides helpful installation and maximum allowable load information. For complete load capacity and installation details please call Hillman Customer Service at 1-800-800-4900 or visit www.powers.com				
Max. Allowable Load					
	<ul> <li>The Maximum Allowable Load is calculated based on applying a safety factor to the average ultimate shear and tension loads obtained from laboratory testing. The Maximum Allowable Load can be found on most Hillman Anchor packages to assist in locating the proper anchor for your project.</li> <li>Maximum Allowable Load for drywall (1/2") and plaster is based on 2:1 safety factor using an average of ultimate tension and shear loads.</li> <li>Maximum Allowable Load for concrete (4,000 PSI), block (C-90) and brick is based on 4:1 safety factor using an average of ultimate tension and shear loads.</li> <li>The Maximum Allowable Load is a guide only and cannot be guaranteed. Pound ratings are based on the anchor only. Effectiveness can be diminished based on the material and conditions of the base material.</li> </ul>				

drywall the Maximum Allowable Load is based on a 2:1 safety factor using an average of ultimate tension and shear loads. For concrete, block, and brick, the Maximum Allowable Load is based on a 4:1 safety factor using an average of ultimate tension and shear loads.