

Product Specifications



1/2" x 4" Wedge Anchor

Part number W12400

Category number 4540

UPC 781002593140

Wedge Anchors are manufactured with a carbon steel body and expansion clip, and are designed for normal and lightweight concrete. These fully threaded expanding anchors are ICC-ESR listed for seismic zones, cracked, and uncracked concrete. They feature a pilot on the hammered end to prevent first thread damage and are a non-bottom-bearing anchor. Common applications for use include structural connections, cable trays, strut, fire sprinklers, and piping supports in concrete substrate. For installation instructions and weight loads, reference the technical data sheet.



Physical Characteristics

Anchor Type	Wedge
Thread Style	Fully
Thread Type	UNC
Size	1/2" x 4"
Anchor Diameter	1/2"
Anchor Length	4"
Thread Length	3-1/8"
Thread Per Inch	13
Thread Pitch/Thread Per Inch	1/2"-13
Material	Carbon Steel
Finish	Zinc Plated

Performance Data

Pre-Drill Size	1/2"
Minimum Embedment Depth	2-1/2"

Applications

Normal and Lightweight Concrete
Seismic Zones
Crack and Uncracked Concrete

Special Features

Carbon Steel Body, Expansion Clip, Pilot End to Prevent First Thread Damage When Installing

Cement Type	Various PSI
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Packaging Details

Included	Washer & Nut
Standard Qty	50
Master Qty	200
Price Per	100
Package Length	8.40
Package Width	5.90
Package Height	3.90
Net Weight	0.26
Package Weight	13.24

Certifications

Meets/Exceeds	ICC-ES Evaluated
RoHS Compliant	Yes