

Product Image



Double Expansion Anchors

Double expansion anchors are designed for anchoring into concrete, brick, or block base material. Inserting a machine-threaded bolt into the anchor expands it against the concrete at two points. These anchors are made from Zamac, a non-rusting material. They are intended to be set flush with the base material and are considered a light to medium-duty fastener.

Features:

- Concrete and masonry anchor
- Made of zamac alloy
- Screw/bolt can be easily replaced while maintaining holding power
- Corrosion resistant

Product Dimensions

PN#	DEA14	DEA516	DEA38	DEA12	DEA58	DEA34
Screw Size	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
Drill Size	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"
Min. Embedment	1-1/4"	1-1/2"	1-3/4"	2-1/4"	2-1/2"	3-1/2"

Ultimate Load Capacities for Double Expansion Anchor in Normal-Weight Concrete

PN#	Screw Size	Min. Embedment	2.000 psi		4.000 psi	
			Tension/lbs.	Shear/lbs.	Tension/lbs.	Shear/lbs.
DEA14	1/4"	1-1/4"	710	1110	900	1135
DEA516	5/16"	1-1/2"	1130	1735	1500	2020
DEA38	3/8"	1-3/4"	1365	2690	2000	3000
DEA12	1/2"	2-1/4"	2590	3740	3550	4310
DEA58	5/8"	2-1/2"	4290	9640	6150	10270
DEA34	3/4"	3-1/2"	6000	10920	8150	13330

Allowable Load Capacities for Double Expansion Anchor in Normal-Weight Concrete

PN#	Screw Size	Min. Embedment	2.000 psi		4.000 psi	
			Tension/lbs.	Shear/lbs.	Tension/lbs.	Shear/lbs.
DEA14	1/4"	1-1/4"	180	280	225	285
DEA516	5/16"	1-1/2"	285	435	375	505
DEA38	3/8"	1-3/4"	340	675	500	750
DEA12	1/2"	2-1/4"	650	935	890	1080
DEA58	5/8"	2-1/2"	1075	2410	1540	2570
DEA34	3/4"	3-1/2"	1500	2730	2040	3335

PRODUCT SPECIFICATIONS



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