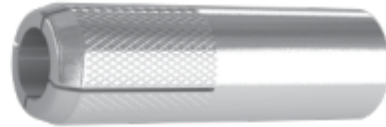


Drop-In Anchor

The lag thread AR Drop-in Anchor features an internally threaded all-steel shell, with an preassembled expansion cone insert. The Drop-In Anchors are designed to work as part of the forming system, matched to the thread of AR Lagstuds or Lagbolts. The Drop-In Anchors are made from carbon steel and electroplated galvanized for corrosion protection. The Drop-in Anchor is used for any application requiring anchorage in solid concrete or homogeneous igneous rock. Ideal for lagging, AR Drop-In Anchors are also effective for hanging bolting or anchoring application with AR Tylags, Lagstud Bolts or Lagstud. Not recommended for uncured concrete (less than 7 days old), lightweight concrete or masonry block or brick.



Anchor	Drill Bit	Thread	Thread Length	Anchor Length (Minimum Depth of Embedment)
NCA ½LT	¾"	½" - 6 lagthread	20 mm (¾")	50 mm (2")
NCA ¾LT	1"	¾" - 4½ lagthread	35 mm (1⅜")	80 mm (3⅓")

Ultimate Shear and Tension Values (kN/lbs) in Concrete

Anchor	Tension		Shear
	f'c = 15MPa (2,200 psi)	f'c = 30MPa (4,400 psi)	f'c = 15MPa (2,200 psi)
NCA ½LT	15 (3,300)	27 (6,075)	20 (4,500)
NCA ¾LT	36 (8,100)	49 (11,000)	42 (9,450)

AR suggests a minimum safety factor of 2:1. On site conditions such as, poor concrete, placing technique, concentrated loads on the formwork, improper use of cranes or concrete pumping could increase the risk. If such site conditions exist, the user must increase the safety factor to compensate.

For anchoring situations not associated with forming, industry practice is to apply a safety factor of 4:1 minimum. For applications of greater risk a larger safety factor may be selected. For edge distance and load reductions contact AR technical representative. Specifications subject to change without notice.

To order, please specify the following information

EXAMPLE

Name Drop-In Anchor
Quantity 200