

Stud Type Mechanical Expansion Anchors (MEA)

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MEA Diameter	Type ⁽³⁾	Manufacturer	Product Name	Material Type	ESR ⁽⁴⁾	Stud Diameter	Anchor Length ⁽⁵⁾	h_{ef} ⁽³⁾	T_{inst} ^{(2),(3),(6)}
3/8"	W	Dewalt	Power-Stud + SD4/SD6 Anchor	Stainless Steel	2502	3/8"	2-3/4"	1-1/2"	25 ft-lbs
1/2"	W	Dewalt	Power-Stud + SD4/SD6 Anchor	Stainless Steel	2502	1/2"	3-3/4"	2"	40 ft-lbs

Notes:

1. The Stud MEA size and structural capacity of an individual Stud MEA anchor or anchor group shall be determined based on ACI 318-14, or later editions. Refer to the Division of Engineering Service's Structural Design Alert – Anchorage to Concrete, dated 5/11/2020.
2. The Stud MEAs are to be installed in accordance with the manufacturer's installation instructions.
3. 'W' = Wedge, ' h_{ef} ' = Effective Embedment Depth, ' T_{inst} ' = Installation Torque.
4. International Code Council - Evaluation Service Report (ICC-ESR) per ACI 355.2.
5. Anchor lengths shown are minimum acceptable lengths. The use of longer anchors is permitted.
6. Installation torque subject to change. Refer to product installation information to confirm the installation torque.
7. See *Figure 1: Stud MEA*.

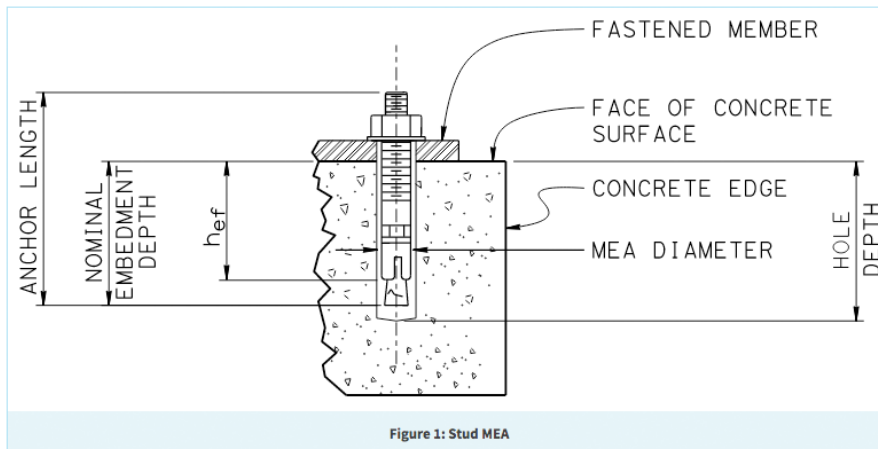


Figure 1: Stud MEA