

DDA™

DEWALT DESIGN ASSIST™

THE COMPLETE SOFTWARE FOR ANCHORING TO CONCRETE

**NOW INCLUDING
ACI 318-19**



DESIGN



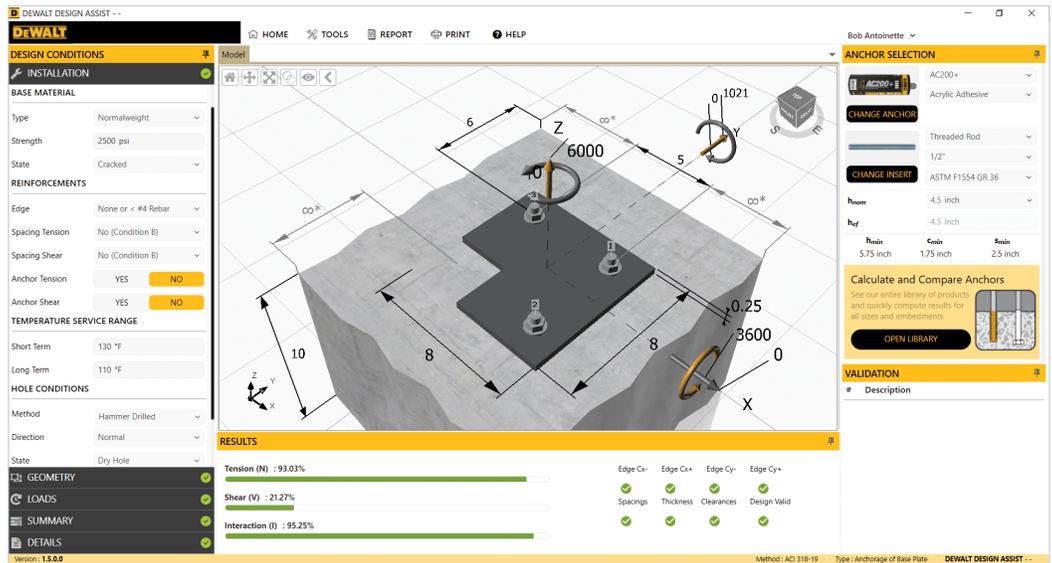
COMPARE



DOCUMENT



ANCHOR



Building with steel and concrete takes vision, power, and structural design without limits.

DEWALT DESIGN ASSIST™ (DDA) is a no cost/no fee state-of-the-art structural design software that streamlines, automates, and optimizes your concrete anchoring design process. With multiple design standards to choose from, a comprehensive library of anchors, numerous reporting options, and unparalleled design tools, simplify your design process with DEWALT Design Assist.

ANCHOR TYPES



Cast-in-Place



Mechanical



Adhesives

CODE COMPLIANCES

- ACI 318-19
- ACI 318-14
- CSA A23.3-14

**DOWNLOAD THE FULL SUITE FREE AT
DEWALT.COM/DDA**

DEWALT®

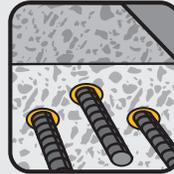
ANCHORS & FASTENERS

KEY FEATURES AND BENEFITS



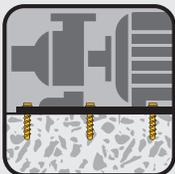
Base Plate Anchorage

The standard tool to use when considering anchorage to concrete, allows complete geometric flexibility with the anchor patterns or base plate shape. Designs are calculated to be compliant with the latest major published design criteria and use products that have been tested by independent approval bodies for performance.



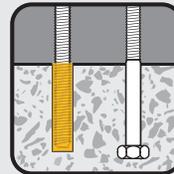
Post-Installed Rebar Design

Enables the design of post-installed rebar doweling using cast-in place design methodology rather than the limit states used in anchor design.



Equipment Anchorage

Further extending the functionality of base plate designs, you can now leverage this tool to model wind and seismic forces acting on equipment and resolve optimal anchorage solutions at a larger scale.



Anchor Comparisons

Comparisons of anchors can occur in several ways within DEWALT Design Assist. For a broad analysis, quickly calculate and filter the entire anchor library with a click of a button. To take a more detailed look, use the use the Anchor Comparison Tool to easily see differences across anchor types, sizes and brands to intelligently and effectively select the optimal product for your design.



Anchorage to Deck Members

Into the floor or overhead, this functionality considers the unique designs where anchoring to concrete deck members is required. Various considerations are taken into account for the multiple cast-in or post-installed products DEWALT has to offer.



Independently Verified

To provide the best possible design aid DEWALT has partnered with leading engineering firms for the development of the core calculation logic. In addition to extensive internal software testing, various design scenarios were independently validated to ensure accuracy and precision for the most critical designs.

EXTENSIVE PRODUCT LIBRARY

Mechanical



Power-Stud®+ SD1



Screw-Bolt+™



Power-Stud®+ SD2



Flat Head Screw-Bolt+™



Power-Stud®+ SD4



Hangermate®+



Power-Stud®+ SD6



UltraCon®+



Atomic+ Undercut®



Mini-Undercut+™



Power-Bolt®+



Snake®+

Adhesives



AC200+®



AC100+ Gold®



Pure110+®



Pure50+™



PE1000+®

Cast-In Place



Wood-Knocker® II+
Wood-Knocker® II+ LP (Low Profile)
Wood-Knocker® II+ Multi-Thread



Pan-Knocker® II+
Pan-Knocker® II+ LP (Low Profile)
Pan-Knocker® II+ Multi-Thread



Bang-It®+
Bang-It®+ Multi Thread



DDI™+ DEWALT Deck Insert



Headed Bolt



Hooked Bolt

AND MORE