

WAVETHERM

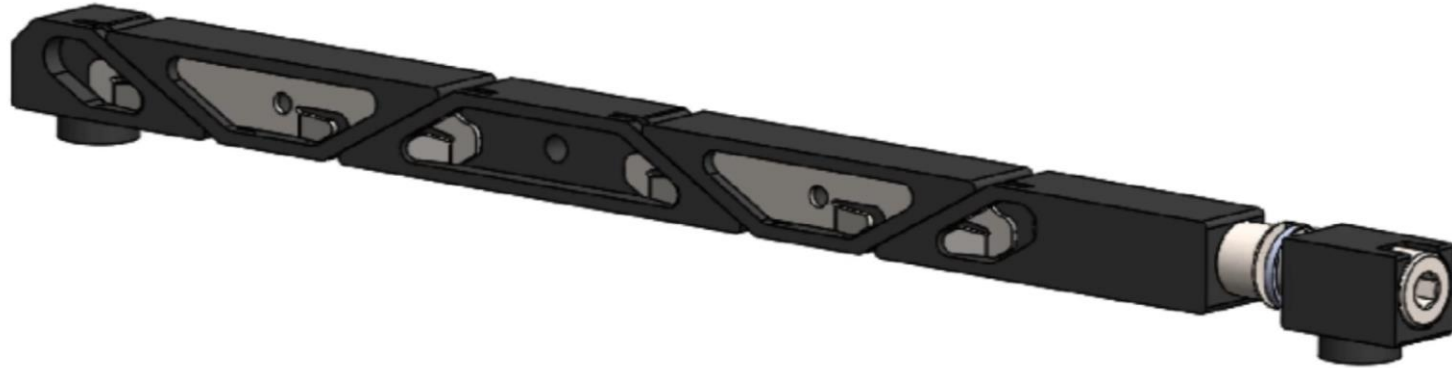
The image features the word "WAVETHERM" in a bold, blue, sans-serif font. The letters are slightly shadowed, giving them a three-dimensional appearance. A thin grey horizontal line runs through the middle of the letters. Below the text, a grey swoosh underline starts from the right side of the word and curves downwards and to the left, ending under the letter 'M'.

Mission Assurance is the Priority

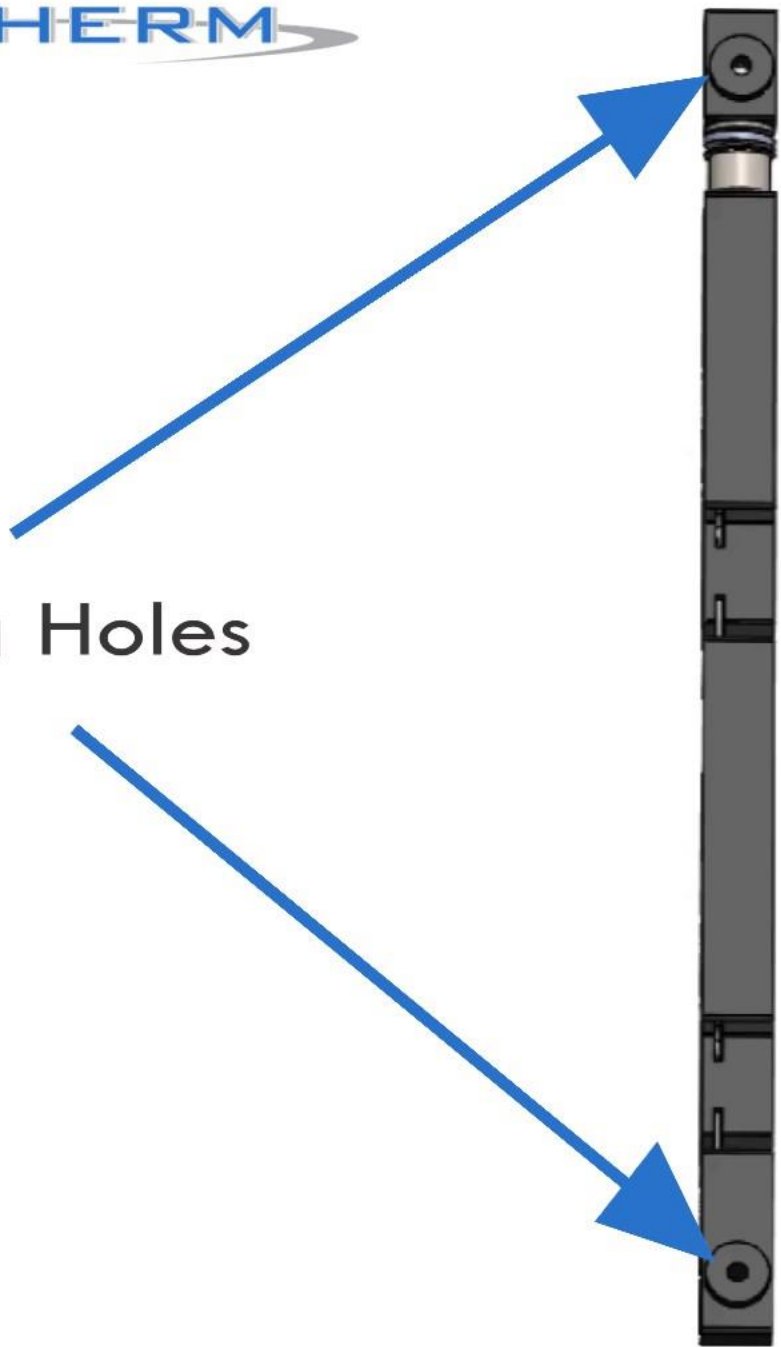
The highest cost is a failed mission

The positive retraction SolidWedge addresses key risks associated with the traditional drive-mechanism wedgelock. This short video illustrates exactly how the SolidWedge differentiates itself, and how these risks to your mission can be mitigated by distinct design features and expert knowledge related to mechanical packaging of critical systems.

Mission Assurance is the Priority



The highest cost is a failed mission

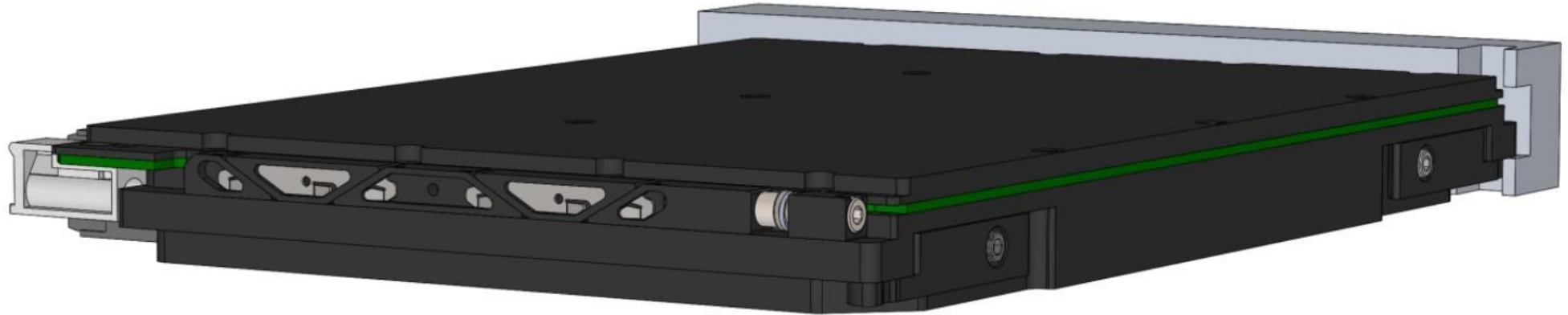


Mounting Holes

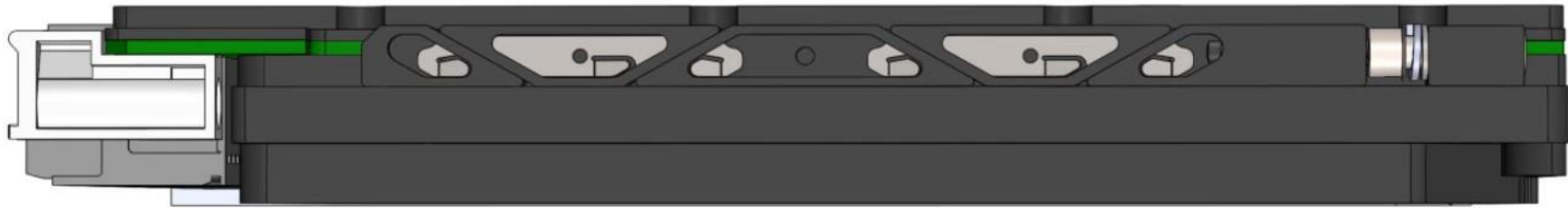


Side and Front views of
SolidWedge Wedge
Segments

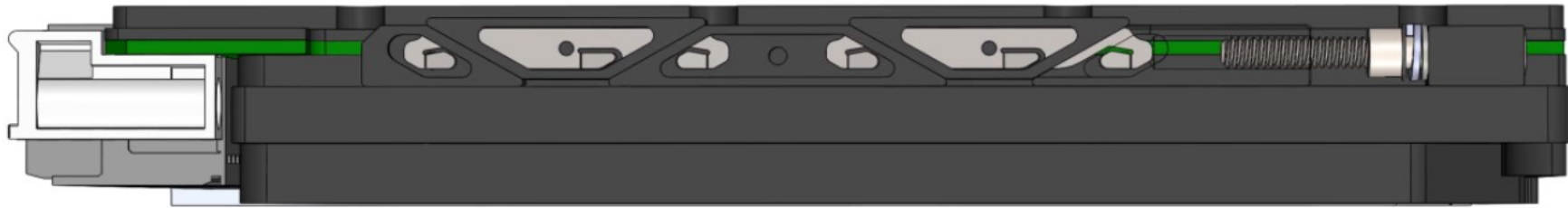
A SolidWedge secured to a
6U 5HP Heat Frame



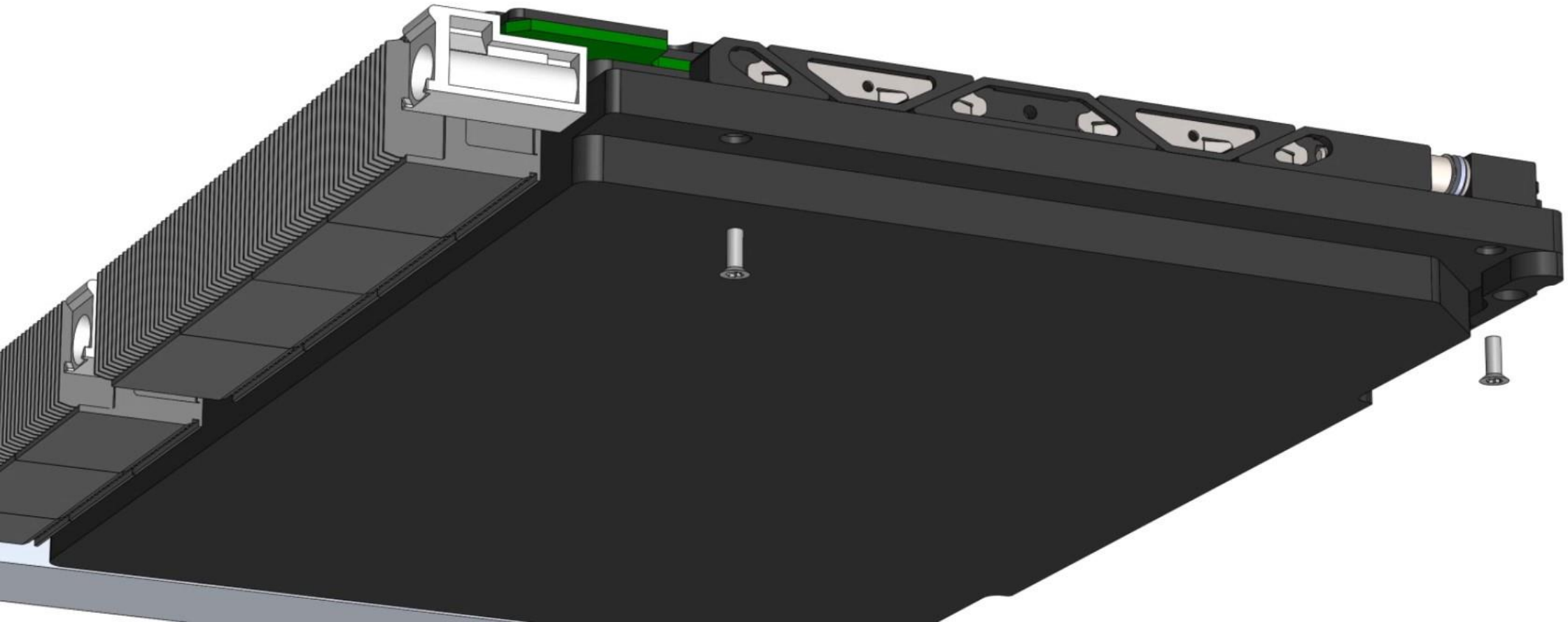
The SolidWedge mounts at two points, located at the front and rear wedge segments which is a design attribute that enables the device to derive its structural rigidity and expansion forces from the mechanical heat frame.



Utilizing a left-hand thread, the short, larger diameter, SolidWedge drive screw threads into the drive wedge segment.



SolidWedge perfectly mates to counter-bores on machined heat frame. 2-56 or 4-40 screws protrude thru heat frame and thread into a boss on the front and rear wedge segments.

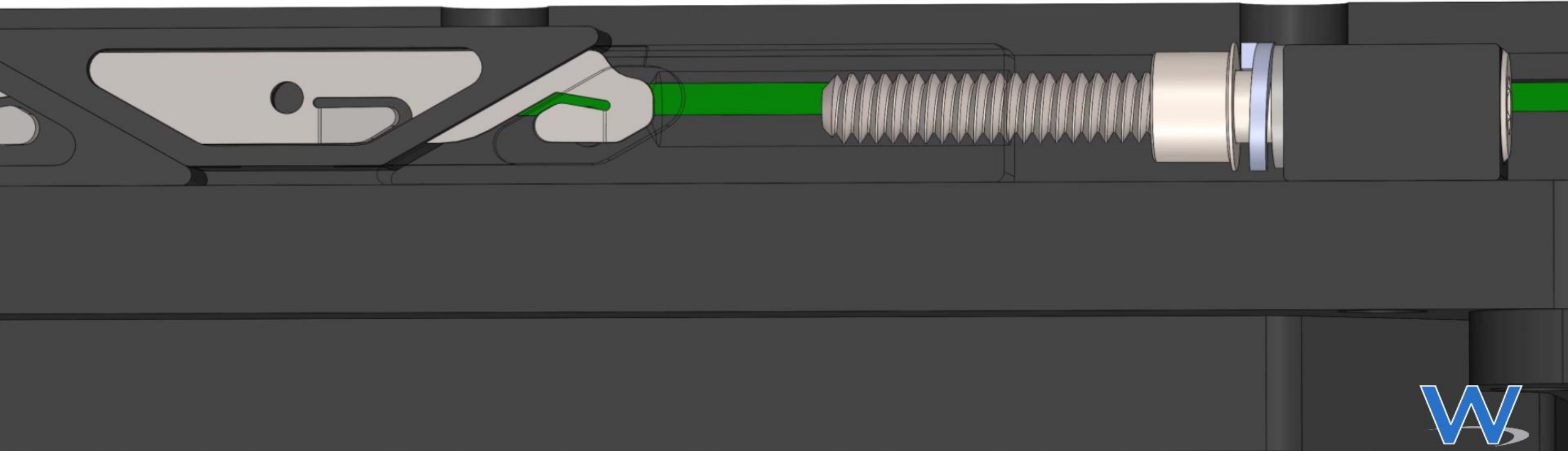


Activation of the short drive screw pushes the drive assembly wedge segment which allows the SolidWedge to engage with the coldwall.

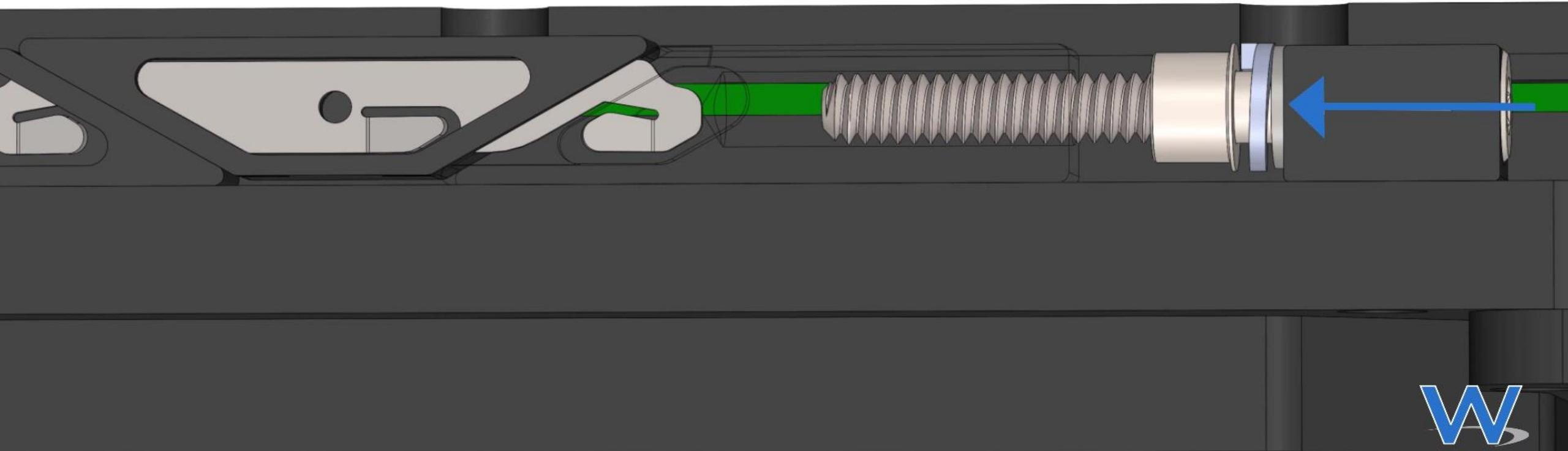


A SolidWedge expanding in a coldwall.

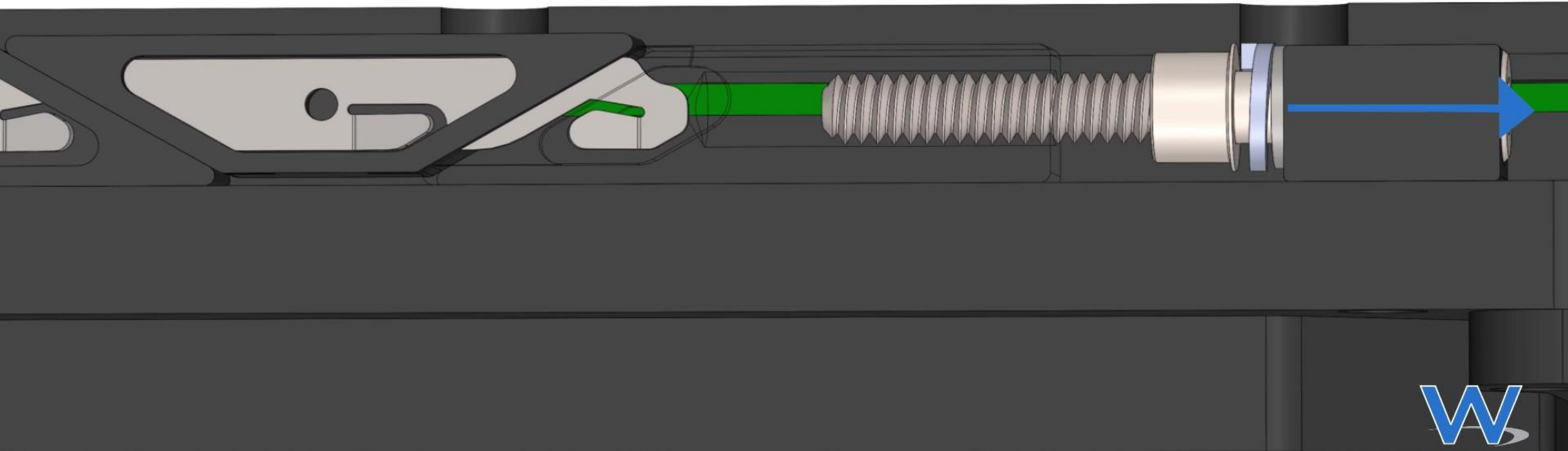
Each of the engaged wedge segments play a role in locking your embedded computing module into the mechanical enclosure for the system, and provides simultaneous conduction thermal benefits.



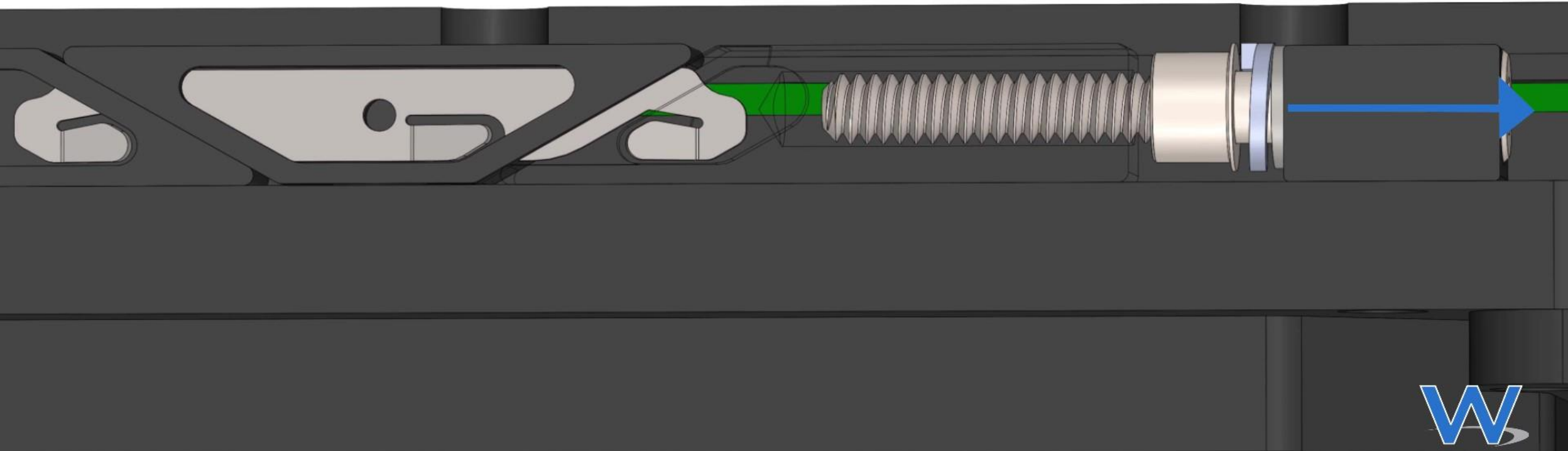
The inter-connecting straps within the SolidWedge are essential to keep the wedge segments aligned and for extraction.



The three point inter-connecting straps provide the functionality for the SolidWedge to disengage effectively through utilization of the machined surface areas on the ramps of the wedge segments and back to a relaxed state.



As the SolidWedge disengages, the drive screw assembly and inter-connecting straps guide the wedge segments in a straight path which ensures successful extraction.



Improve the reliability and performance of your module and system with **one** design decision.

The highest cost **is** a failed mission.