



SI® Threaded Insert: Faster Installation, Better Performance, and 75% Cost Savings

Custom stainless steel SI® part delivered cost-saving alternative to customer's wire threaded insert installation, plus significantly better application performance.

OVERVIEW

Customer:
Global Tech Leader

Application:
**Front Panel
of Electrical
Enclosure**

Solution:
**STKC™ (stainless steel)
Press-In Insert**



CHALLENGE

Costly, Labor-intensive Assembly Process

- Wire threaded insert resulted in long assembly times
- Excessive cost due to labor-intensive process
- Substantial drawbacks to current install method like potential for cross-threading, performance failure
- Looking for new fastening solution that would save time, money



SOLUTION

Modified SI® STKC™ Threaded Insert

- Used as a cold-pressed insert for the metal casting in front panel of enclosure
- Can be used as an alternative to installing a wire threaded insert into the blind hole
- Can also replace tapping the blind hole of the metal casting, removing potential for cross-threading



RESULTS

75% Cost Savings Over Wire Threaded Insert Installation

- Partnered with customer in early design stages to develop new innovative solution
- Customer replaced old installation process with SI® solution
- Significantly faster install eliminated customer's long assembly times
- Labor-intensive process for installing wire threaded inserts eliminated
- Better application performance achieved

