

(AVAILABLE Q1 2023)



PEM® CASTSERT™ PRESS-IN INSERTS

For Castings and Soft Metals Less Than HRB 80

PEM® 300 Series Stainless Steel CastSert™ inserts provide strong, durable metal threads in zinc, extruded aluminum, and die-cast magnesium and aluminum ranging in hardness HRB 50 to 80. The overall, simple press-in, installation process for these inserts uses a flat punch and anvil to install all sizes and lengths, approximately 80% faster than other methods.

- Depth of knurl allows engagement with as-cast draft angle holes, or milled holes.
- Process cost savings vs. coil inserts or thread tapping.
- Pull-out performance varies based on panel material, length of engagement (thread size), and draft angle.
- Available in thread sizes #2-56 to 5/16-18 / M3 to M10 in two lengths per thread size.
- Installed by simply pressing the inserts into drilled or as-cast holes. Installation is accomplished using any standard press at any time during the production process.


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Patent Pending

[WATCH INSTALLATION VIDEO](#)

Symmetric, thru-hole design for ease of manufacturability, installation without need for orienting. Auto-feed capability

Depth of knurl allows engagement with as-cast draft angle holes, or milled holes

Left-handed, helical knurl for ease of installation, pullout and torque-out resistance, and ensuring insert stability when removing stuck/ damaged male hardware

Lowered pilot diameter allows for proper seating of insert and undercut to provide additional pull-out performance. Lead in chamfer on knurl body to self center part during install



For questions, e-mail
techsupport@pemnet.com

GLOBAL CONTACT INFORMATION

NORTH AMERICA

Danboro, Pennsylvania USA
info@pemnet.com
+1-215-766-8853
800-237-4736 (USA)

EUROPE

Galway, Ireland
europa@pemnet.com
+353-91-751714

ASIA/PACIFIC

Japan
eurotec@eurotec21.com
+042-798-7177

Singapore
singapore@pemnet.com
+65-6-745-0660

SHANGHAI, CHINA

china@pemnet.com
+86-21-5868-3688