



FASTENING SOLUTIONS FOR DATACOM/TELECOM

Servers | Switches | Routers | 5G Network Infrastructure | Data Centers



PEM® FASTENERS

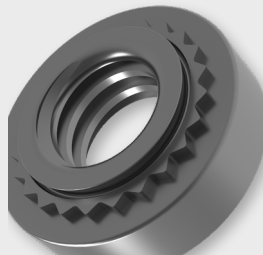
The innovation behind PEM® fasteners can add value and long-term cost savings to your most complex datacom and telecom requirements. Our portfolio is one of the largest and most diverse in the industry.

SEE THE INNOVATION BEHIND PEM® FASTENING SOLUTIONS

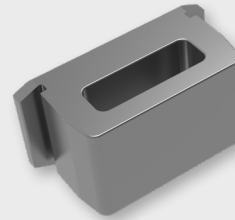
The datacom and telecom industries are feeling the pressure to put more technology into smaller boxes – in a shorter amount of time, and with reduced budgets.

With PEM® brand fastening solutions, you get 75+ years of industry innovation, global manufacturing locations, high-quality catalog and custom parts, and expert support to help you go further and solve tomorrow's most significant challenges.

*Engineering Expertise
Smaller Fastener Footprint
Faster Installation
Part Reliability
Global Support*



Self-Clinching Nuts



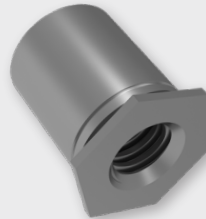
Cable-Tie Mounts and Hooks



Self-Clinching Studs



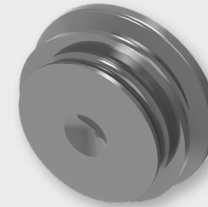
Heat Sink Mounting Fastener System



Self-Clinching Standoffs



Spring-Loaded Plunger Assemblies



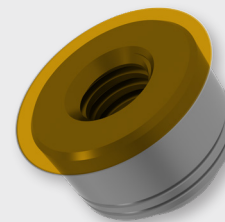
Sheet Joining Fasteners



ATCA® Compliant Self-Clinching Pins



R'ANGLE® Right Angle Fasteners



PCB Mounting Fasteners



Captive Panel Screws



OCP Compliant Green Captive Panel Screws

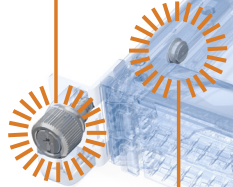
THINK INSIDE THE BOX™

Product performance is only as strong as the components inside. That's why so many trust PEM® fasteners.

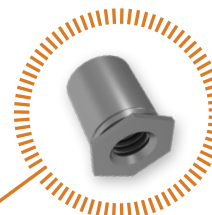
Our innovative solutions go inside the products you're tasked with creating and make them better. They can be found in just about any datacom or telecom application you can think of - from servers, switches, and routers to 5G network infrastructure and data centers.

Whether you need a custom fastening solution or a standard catalog part, PEM® can help you where you need it most.

Captive Panel Screw



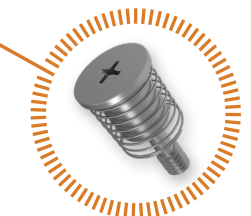
Sheet Joining Fastener



Self-Clinching Standoff



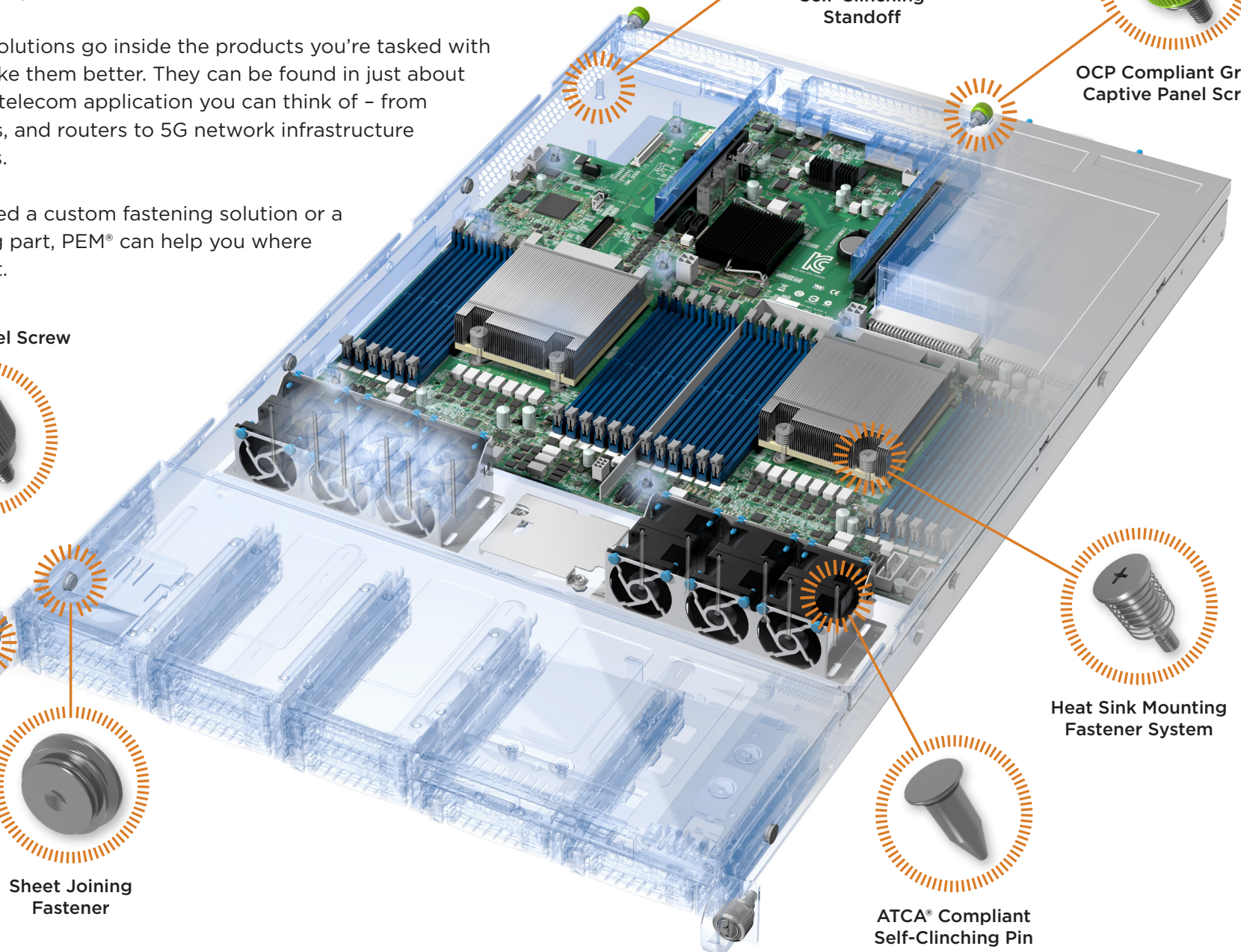
OCP Compliant Green Captive Panel Screw



Heat Sink Mounting Fastener System



ATCA® Compliant Self-Clinching Pin



EXPERTISE TO TAKE YOU FURTHER

PEM® fasteners are precisely designed and manufactured – backed by expert engineering, application testing, and inspection services. So you can always be confident in their quality and reliability.

Engineered

PEM® fasteners are designed for excellence. Our engineers are problem solvers – working closely with you to build an innovative fastening solution that meets your precise needs – whether it's achieving a smaller footprint, a faster installation, or delivering a lower total installed cost.

Application-Tested

Our engineering services also offer application-specific product testing including pull-out, push-out, and torque-out testing capabilities. This ensures that every PEM® fastener performs as required for your application.

Inspected

Quality parts come from quality control processes. Once manufactured, PEM® fasteners go through a highly technical inspection process, including 100% part inspection with optical retina, to ensure your part meets all critical dimensions.

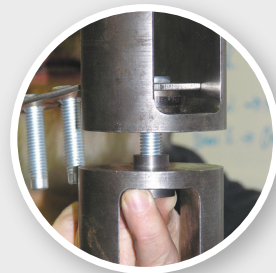
Certifications

ISO 9001
AS 9100
Department of Defense (QSLM Approval)
ISO 14001
IATF 16949 and ISO/TS 16949
A2LA Certification
Nadcap Accreditation
BS OHSAS 18001:2007
CE Certification

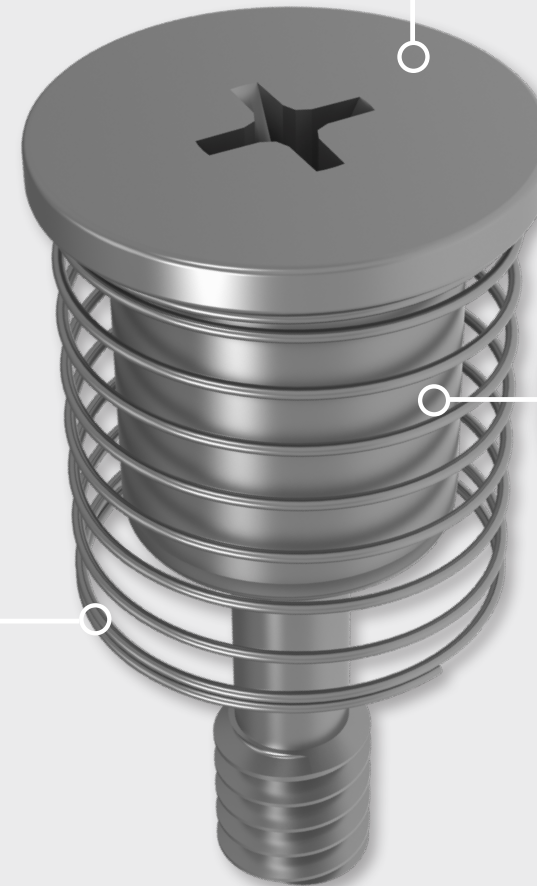
Engineering Expertise



Quality Control



Product Testing



GET PEM® SUPPORT ANYTIME, ANYWHERE

No matter where you are in the world, PEM® services are there. Our locations throughout North America, Asia, and Europe provide complete global support at the local level.

Application Engineering Services & Tools

From custom designs to product testing, PEM® engineering services include many capabilities and tools to deliver an innovative fastening solution for your application.

- Application Review
- Custom Design/Product Development
- Product/Application Testing
- Customer Drawings
- Catalog Samples
- 3D Models
- Teardown Services
- PEMspec™ Design App

Technical Lab Services

PEM® fasteners are tested in accordance with NASM 25027, 45938 and ASTM as well as our test specs and customer requirements.

- Mechanical Testing
- Tensile Strength
- Compression
- Micro Hardness (Knoop, Rockwell and superficial)
- In Sheet Performance
- Thermal Cycling
- Image Analysis
- Corrosion and Plating Issues and Analysis

Prototype Development Center

Our prototype center is equipped with the latest CNC technologies to provide you with prototype or short run samples and the necessary installation tooling. Capabilities include:

- Turning
- Milling
- Drilling
- Reaming
- Punching
- Grinding

WITH MANUFACTURING CENTERS AROUND THE WORLD, WE'VE GOT YOU COVERED.

With manufacturing facilities throughout North America, Asia, and Europe - and product inventory available through global distributors - PEM® customers always have quick and reliable access to their parts, wherever they are in the world.





PEM® CASE STUDIES FOR DATACOM/TELECOM

Visit pemnet.com to read new case studies featuring PEM® fastening solutions:

PEM® R'ANGLE® Fasteners for Server Faceplate: A great example of how a PEM® catalog part reduced the number of components used in an application by 60%.

PEM® TackSert® Pins for HDD/SSD Rack: The use of YTK4-47581 and YTK4-47761 TackSert® pins in a rack assembly reduced parts per unit by 50%.

PEM® SpotFast® Fasteners for Server Mounting Rails: A custom SpotFast® fastener design met the low profile and strong attachment point requirements for a new rack-mountable server.



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CONNECT WITH PENNINGENGINEERING®

To learn more about our fastening solutions for datacom and telecom, please visit our resource center by following this link or scanning the QR code: <https://info.pemnet.com/datacom-telecom>. Or, follow us for the latest company and product news, bulletin updates, tech tips, videos, and more.

