

North America: Danboro, PA • E-mail: info@pemnet.com • Tel: +1-215-766-8853

Europe: Galway, Ireland • E-mail: europe@pemnet.com • Tel: +353-91-751714

Asia/Pacific: Singapore • E-mail: singapore@pemnet.com • Tel: +65-6-745-0660

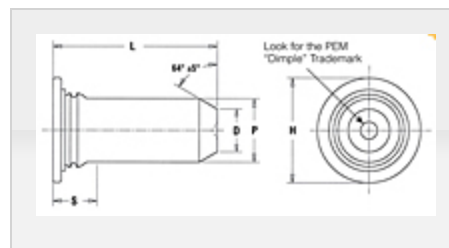
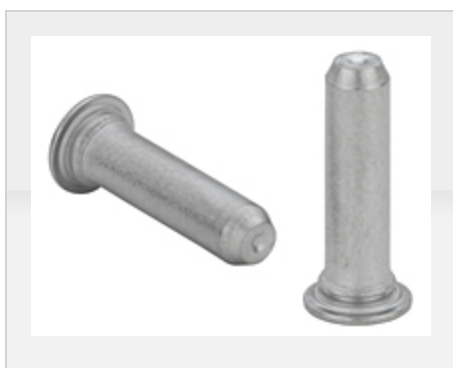
Shanghai, China • E-mail: china@pemnet.com • Tel: +86-21-5868-3688

Part # TPS-3mm-16, Self-Clinching Pilot Pins - Type TPS™, TP4™ - Metric

PEM® self-clinching studs are installed by placing them in properly sized holes in the sheets and squeezing into place with any standard press. The squeezing action embeds the head of the stud into the sheet. The metal displaced by the head flows smoothly and evenly around the ribs and into the annular groove – creating a flushhead assembly and securely locking the stud into the sheet with high torque-out and pushout resistances.

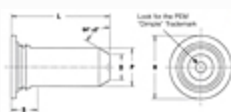
TPS, TP4 Pilot Pins satisfy a wide range of positioning, pivot,

[+ more](#)



Specifications

Pin Dia. Code	3 mm
Length Code	16
Min. Sheet Thickness	1 mm
Hole Size in Sheet + 0.08	3.5 mm
P - Nominal Pin Diameter ± 0.05	3.00 mm
L - Length ± 0.4	16 mm
D ± 0.15	2.11 mm



H ± 0.4	5.2 mm
S Max.¹	2.29 mm
Min. Dist. Hole C/L to Edge	6.40 mm
For Use in Sheet Hardness	HRB 70 / HB 125 or Less
Fastener Material	300 Series Stainless Steel
Standard Finish	Passivated and/or tested per ASTM A380
CAD Supplier	PennEngineering® (PEM®)

¹ Pin diameter may exceed max. in this region.