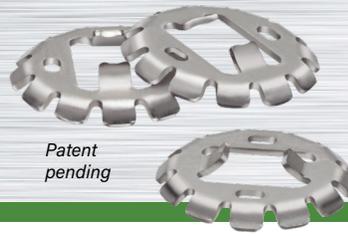


microPEM® ClampDisk® Fastener

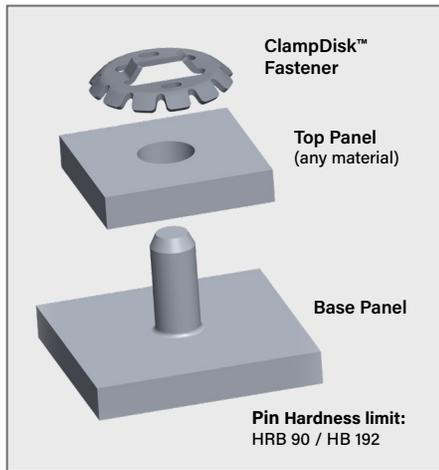
Removable fastener designed to replace screws, adhesive, rivets and other small fasteners

The CDS™ microPEM® ClampDisk® fastener presses straight onto a 1 mm pin to replace threads, adhesive, rivets and other small fasteners. The upward flanges of the disk grip onto the pin and prevent push-off while the downward flanges flex and generate clamp load.

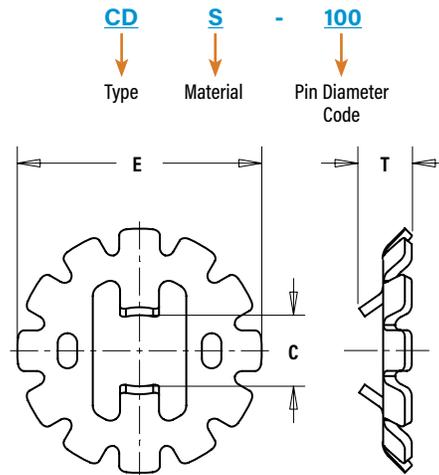
- Clamp load generation
- Simple installation
- Removability
- Works with multiple panels of any material
- Limited installation stress to assemble
- Tamper resistant



NEW



PART NUMBER DESIGNATION



The ClampDisk® fastener can be used with a self-clinching pin. Contact techsupport@pemnet.com for information on pin material options.

All dimensions are in millimeters.

METRIC	Type and Material	Pin Diameter Code	Pin Diameter +0.05 -0.03	Pin Length Min.	C Nom.	E Nom.	T Nom.
	CDS	100	1	0.8	0.91	3.2	0.69

MATERIAL AND FINISH SPECIFICATIONS

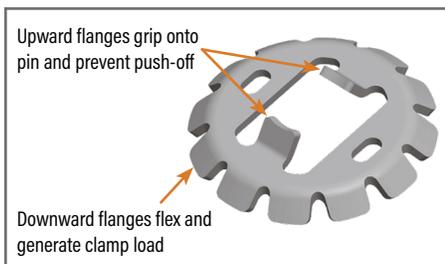
Fastener Material: Stainless Steel

Standard Finish: Passivated and/or tested per ASTM A380 (1)

For use with: Any panel material (2)

(1) See PEM® Technical Support section of our website for related plating standards and specifications.

(2) The top panel can be any material and the pin must be under a max hardness of HRB 90 / HB 192.



microPEM® ClampDisk® Fastener

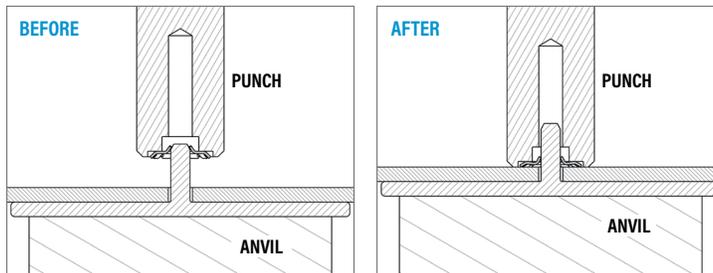
Removable fastener designed to replace screws, adhesive, rivets and other small fasteners

INSTALLATION

1. Place ClampDisk® fastener over a pin.
2. With the installation punch and anvil surfaces parallel, apply squeezing force until the punch contacts the mounting sheet. The drawings at the right indicate suggested tooling for applying these forces.

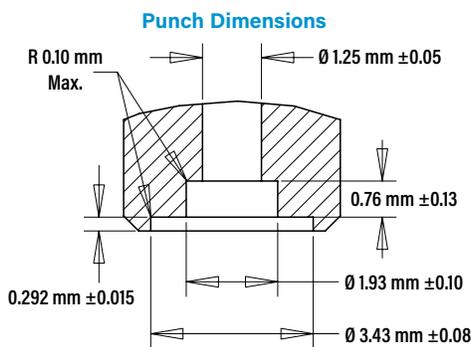
REMOVAL

For service or maintenance, the ClampDisk® fastener can be easily removed with a sharp edge tool. For reassembly, simply install a new fastener.



Installation Tooling

Fastener Part Number	Punch Part Number	Anvil Part Number
CDS-100	8025386	975200046



PERFORMANCE DATA⁽¹⁾

Part Number	Test Pin Material	Installation (kN) ⁽¹⁾	Pull-off (N)	Clamp Load (N)
CDS-100	6061-T6 Aluminum	0.33	18.1	7

(1) Specially designed installation punch prevents over-installation and damage to the fastener.

All PEM® products meet our stringent quality standards. If you require additional industry or other specific [quality certifications](#), special procedures and/or part numbers are required. Please contact your local sales office or representative for further information.

Regulatory [compliance information](#) is available in Technical Support section of our website. Specifications subject to change without notice. See our website for the most current version of this bulletin.

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