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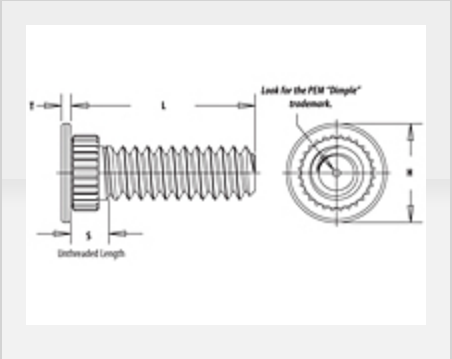
Part # SGPC-632-8, Swaging Collar Studs, Non Flush - Type SGPC ™ - Unified

PEM Type SGPC swaging collar studs can install into most panel material, provide strong torque-out resistance and are suitable for close centerline-to-edge situations. These studs can also accommodate multiple panels as long as the total thickness does not exceed the maximum sheet thickness.

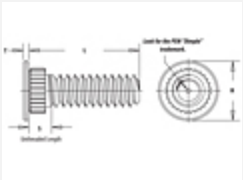
Features and Benefits

- Installs into sheets as thin as .024” / 0.6mm.
- Can be used to attach dissimilar materials.
- Can be installed into most panel materials, including stainless steel and rigid non-metallic

+ more



Specifications

Thread Size	.138-32 (#6-32)
Material Code	SGPC
Thread Code	632
L - Length ± .015	.500 in 
Sheet Thickness[1]	.024 to .047 in

Hole Size in Sheet + .003 - .000	.196 in
Hole Dia. of Attached Panel + .005 - .000	.229 in
H ± .010	.256 in
S Max.[2]	.109 in
T ± .004	.024 in
Min. Dist. Hole C/L to Edge	.180 in
Fastener Material	300 Series Stainless Steel
Standard Finish	Passivated and/or tested per ASTM A380
For Use in Sheet Hardness	Any
CAD Supplier	PennEngineering® (PEM®)

[1] See installation data for tooling requirements. Contact Technical Support (techsupport@pemnet.com) for other thicknesses.
[2] Threads are gageable to within 2 pitches on the “S” Max. dimension. A class 3B/5H maximum material commercial nut shall pass up to the “S” Max. dimension.