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D5 *DZUS*® Panel Line Quarter-turn Fasteners

Studs

DZUS® Panel line features captive, flare-in stud assemblies and continuous receptacle strip.

- **Captive to outer panel**
- **Predictable clamping force**
- **High vibration resistance**
- **Visual latched indication**

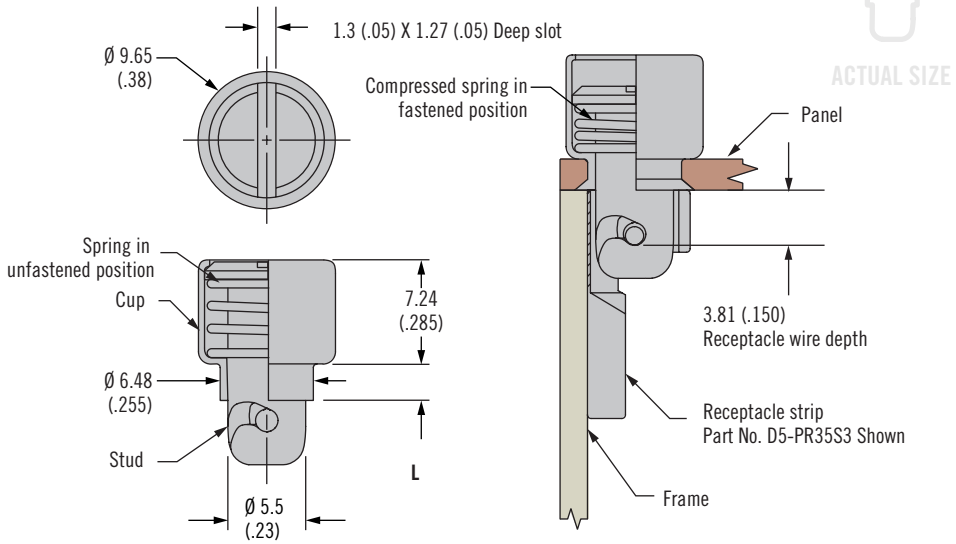
Material and Finish

Steel, zinc plated

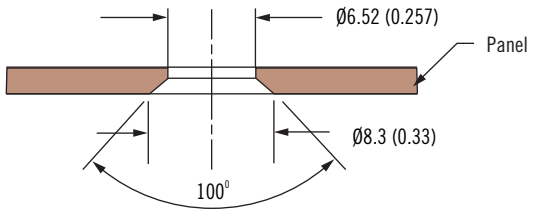
Performance Details

Rated tensile and shear:
890 N (200 lbs.) when used with *DZUS*® receptacles

Stud assembly



Panel Preparation



1. Select receptacle type
2. D5-PR35S3 (angle) or D5-PR35-1S3 (flat) receptacle types. Determine outer panel thickness and use column A. Select from column C for assemblies.

OR

D5-PB35 (Single hole wire form) receptacle type. Determine outer panel thickness and use column A, then calculate total material thickness (TMT) required as indicated in column B Select from column C for assemblies.

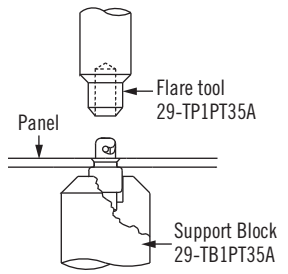
Panel line stud assembly options

A			B		C
Outer panel dimensions		Cup flange length L	TMT Range for: D5-PB35		Stud assembly
A Min.	A Max.		Min.	Max.	
1.27 (.050)	1.50 (.059)	1.78 (.070)	3.81 (.150)	4.04 (.159)	D5-PFSC35-37A-190
1.52 (.060)	1.75 (.069)	2.03 (.080)	4.06 (.160)	4.29 (.169)	D5-PFSC35-38A-190
1.77 (.070)	2.01 (.079)	2.29 (.090)	4.32 (.170)	4.55 (.179)	D5-PFSC35-39A-190
2.03 (.080)	2.26 (.089)	2.54 (.100)	4.57 (.180)	4.80 (.189)	D5-PFSC35-40A-190
2.29 (.090)	2.51 (.099)	2.80 (.110)	4.83 (.190)	5.05 (.199)	D5-PFSC35-41A-190
2.54 (.100)	2.77 (.109)	3.05 (.120)	5.08 (.200)	5.31 (.209)	D5-PFSC35-42A-190
2.79 (.110)	3.02 (.119)	3.30 (.130)	5.33 (.210)	5.56 (.219)	D5-PFSC35-43A-190
3.05 (.120)	3.28 (.129)	3.56 (.140)	5.59 (.220)	5.82 (.229)	D5-PFSC35-44A-190

Installation Tools

Panel installation

Flare tool	Support block
29-TP1PT35A	29-TB1PT35A



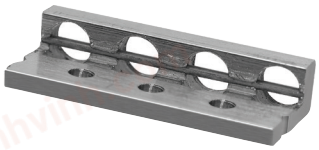
Dimensions in millimeters (inch) unless otherwise stated

DZUS® | southco®

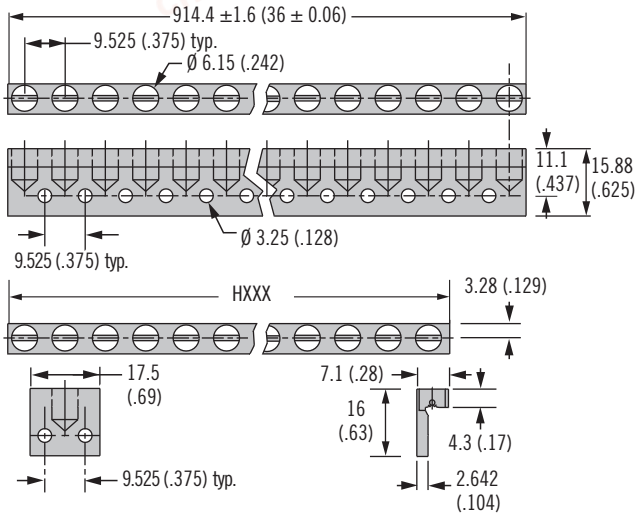
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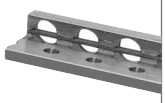
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Receptacles

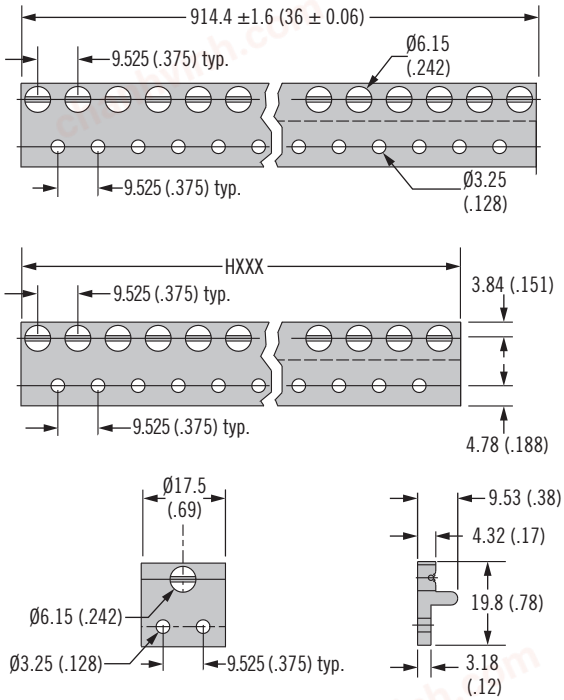


Angle



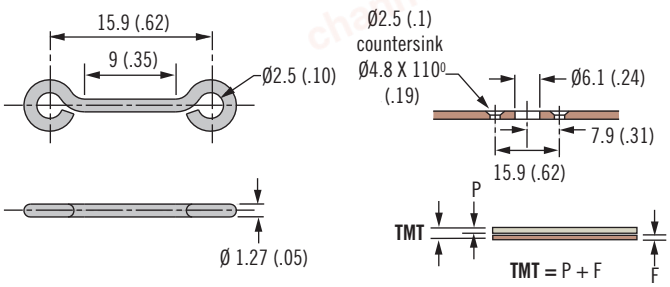
Angle Receptacle		Stud selection column
Standard length D5-PR35S3		A
Custom length D5-PR35HXXX		
Single hole D5-PRB35		

Flat



Flat Receptacle		Stud selection column
Standard length D5-PR35-1S3		A
Custom length D5-PR35-1HXXX		
Single hole D5-PRC35		

Single hole wire form



Single hole wire form receptacle		Stud selection column
D5-PB35		B

Material and Finish

Right angle, flat aluminum and stainless steel
Single hole wire form steel zinc plated

Select Receptacle Profile

1. Right angle or flat
2. Single hole, standard length (96 holes) or custom length
3. If custom length HXXX (2 holes Min. - 319 holes Max.) determine number of useable receptacle holes.
   Total length = No of useable holes multiplied by 9.525 (.375) minus 1.525 (.06)

Example:
319 useable holes
= 319 x 9.525 (.375)
– 1.525 (.06) = 3037 (119.56)
Replace HXXX with H319

* Longer standard lengths available. Contact Southco for details.