



D9 DZUS® TECH LINE Quarter-Turn Fasteners

Stud Assemblies · Press-in style

- Designed for hand operation
- Spring ejected
- Wide variety of receptacle options

Material and Finish

Stud and ferrule: Steel, hardened, zinc plated plus sealer
 Spring: Music wire, zinc plated
 Knob: Aluminum, natural or black powder coated

Installation Notes

1. Prepare panel as shown. Top edge of hole should be sharp.
2. Press stud assembly into panel until ferrule is installed as shown.
3. See page 543 for more installation guidelines.

Part Number

See table

Black Knob Option

For black powdered coated knob, add "000" to the part number.

Example:

- D9-47-1301-K, natural
- D9-47-1301-K000, black

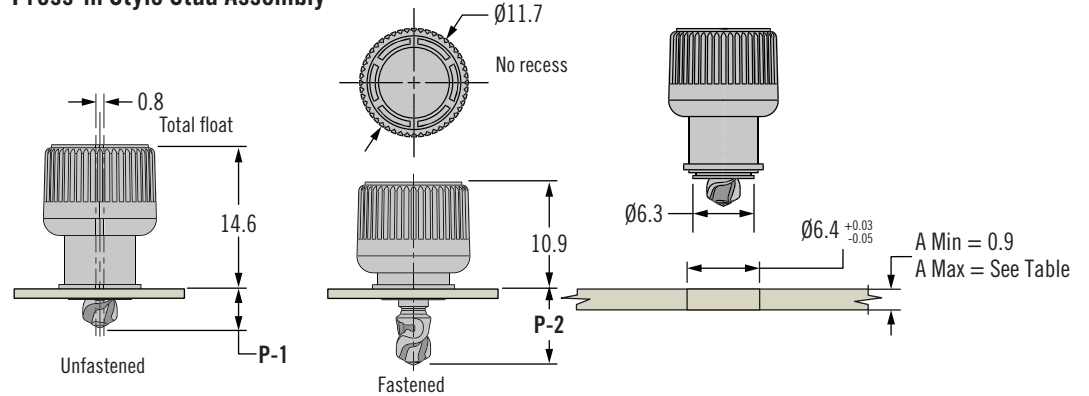
Receptacle Details

See page 409D

Notes

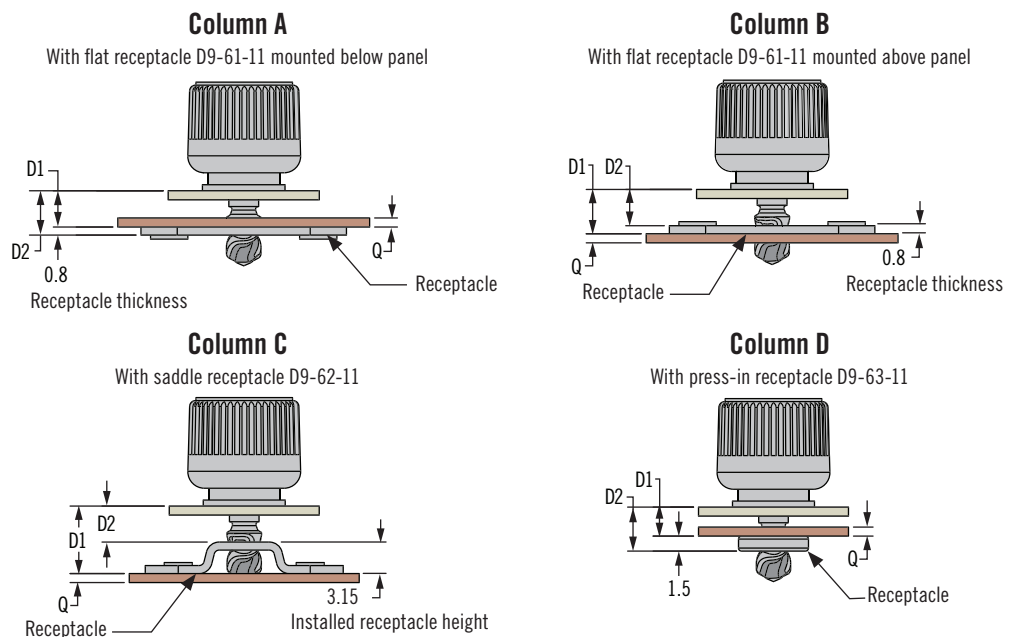
 To ensure you receive **SOUTHCO®** quality parts, look for the segmented circle.

Press-in Style Stud Assembly



Stud Length Table														
A			B			C			D			Stud Assemblies		
Flat receptacle D9-61-11 mounted below panel			Flat receptacle D9-61-11 mounted above panel			Saddle receptacle D9-62-11			Press-in receptacle D9-63-11					
D1	D2	A Max	D1	D2	A Max	D1	D2	A Max	D1	D2	A Max	P-1	P-2	Part Number
2.6	3.4	0.9	3.4	2.6	0.9	5.8	2.6	0.9	Stud length not viable			4.1	7.8	D9-47-1301-K
3.6	4.4	0.9	4.4	3.6	1.7	6.8	3.6	1.7	2	4.4	0.9	5.1	8.8	D9-47-1302-K
4.6	5.4	1.9	5.4	4.6	2.7	7.8	4.6	2.7	3	5.4	1.4	6.1	9.8	D9-47-1303-K
5.6	6.4	2.9	6.4	5.6	3.7	8.8	5.6	3.7	4	6.4	2.4	7.1	10.8	D9-47-1304-K

Receptacle Types (Stud Assembly shown fastened for P-2 = 8.75 all views)
 Q = 0.9 MIN Frame (all receptacle views)



Other options available. For complete details on variety, part numbers, installation and specification, go to



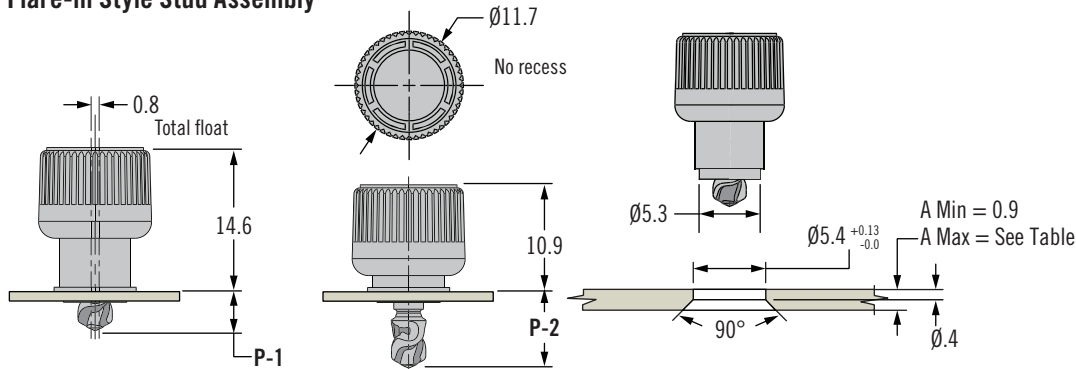
Dimensions in millimeters unless otherwise stated

D9 DZUS® TECH LINE Quarter-Turn Fasteners Stud Assemblies · Flare-in style



409B

Flare-in Style Stud Assembly



- Designed for hand operation
- Spring ejected
- Wide variety of receptacle options

Material and Finish

Stud: Steel, hardened, zinc plated plus sealer
Spring: Music wire, zinc plated
Knob: Aluminum, natural or black powder coated
Ferrule: Aluminum, natural

Installation Notes

1. Drill then counter-sink panel as shown.
2. Insert stud assembly into prepared hole in panel and flare stand-off using tool 47-106. Use LIGHT pressure

Part Number

See table

Black Knob Option

For black powdered coated knob, add "000" to the part number.

Example:

D9-47-3301-K, natural
D9-47-3301-K000, black

Receptacle Details

See page 409D

Notes

To ensure you receive **SOUTHCO®** quality parts, look for the segmented circle.

Other options available. For complete details on variety, part numbers, installation and specification, go to



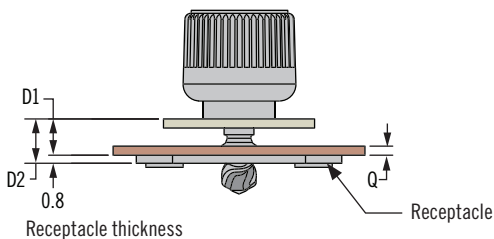
www.southco.com/D9

Stud Length Table														
A			B			C			D			Stud Assemblies		
Flat receptacle D9-61-11 mounted below panel			Flat receptacle D9-61-11 mounted above panel			Saddle receptacle D9-62-11			Press-in receptacle D9-63-11					
D1	D2	A Max	D1	D2	A Max	D1	D2	A Max	D1	D2	A Max	P-1	P-2	Part Number
3.0	3.8	2.3	3.8	3.0	2.3	6.2	3.0	2.2	1.4	3.8	0.9	4.6	8.3	D9-47-3301-K
4.0	4.8	3.3	4.8	4.0	3.3	7.2	4.0	3.2	2.4	4.8	0.9	5.6	9.3	D9-47-3302-K
5.0	5.8	4.3	5.8	5.0	4.3	8.2	5.0	4.2	3.4	5.8	1.9	6.6	10.3	D9-47-3303-K
6.0	6.8	5.3	6.8	6.0	5.3	9.2	6.0	5.2	4.4	6.8	2.9	7.6	11.3	D9-47-3304-K

Receptacle Types (Stud Assembly shown fastened for P-2 = 9.3 (.366) all views)
Q = 0.9 (.035) MIN Frame (all receptacle views)

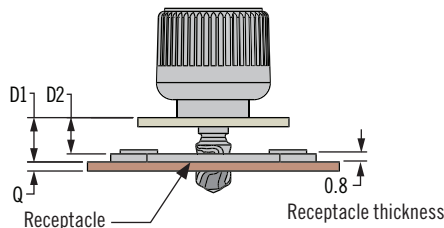
Column A

With flat receptacle D9-61-11 mounted below panel



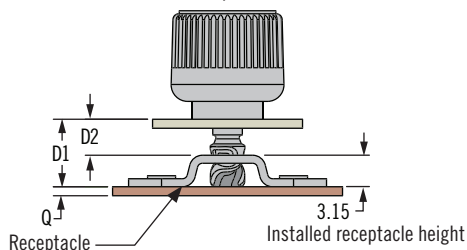
Column B

With flat receptacle D9-61-11 mounted above panel



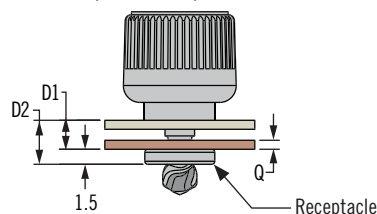
Column C

With saddle receptacle D9-62-11



Column D

With press-in receptacle D9-63-11





D9 DZUS® TECH LINE Quarter-Turn Fasteners

Stud Assemblies · Surface Mount Technology (SMT) style

- Designed for hand operation
- Spring ejected
- Wide variety of receptacle options

Material and Finish

Stud: Steel, hardened, zinc plated plus sealer
 Spring: Music wire, zinc plated
 Knob: Aluminum, natural or black powder coated
 Retainer (not shown): Plastic
 Ferrule: Steel, tin plated

Installation Notes

Visit www.southco.com for additional installation guidelines

Part Number

See table

Black Knob Option

For black powdered coated knob, add "000" to the part number.
 Example:
 D9-47-2301-K, natural
 D9-47-2301-K000, black

Specify Package Option

Indicate package option with last digit of the part number
 Example
 D9-47-2301-K-R, Reel Package (as shown in table)
 D9-47-2301-K-T, Tray Package

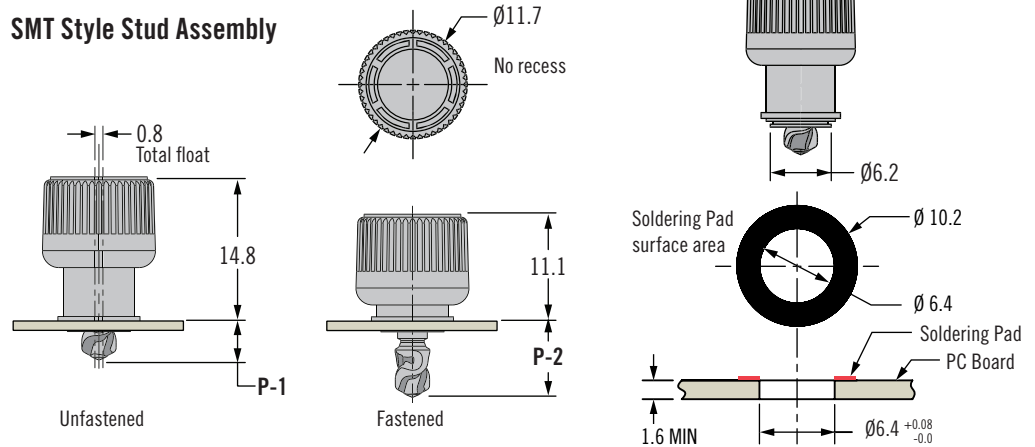
Receptacle Details

See page 409D

Notes

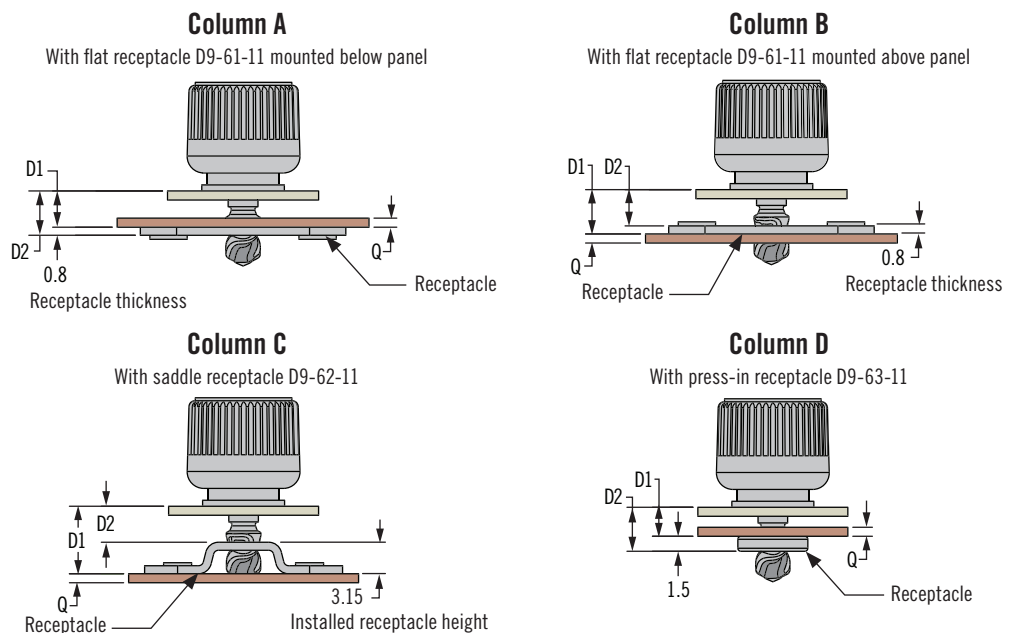
 To ensure you receive **SOUTHCO®** quality parts, look for the segmented circle.

SMT Style Stud Assembly



Stud Length Table										
A		B		C		D		Stud Assemblies		
Flat receptacle D9-61-11 mounted below panel		Flat receptacle D9-61-11 mounted above panel		Saddle receptacle D9-62-11		Press-in receptacle D9-63-11		P-1	P-2	Part Number
D1	D2	D1	D2	D1	D2	D1	D2			
Stud length not viable		3.1	2.3	5.45	2.3	Stud length not viable		3.8	7.45	D9-47-2301-K-R
3.3	4.1	4.1	3.3	6.45	3.3	Stud length not viable		4.8	8.45	D9-47-2302-K-R
4.3	5.1	5.1	4.3	7.45	4.3	2.7	5.1	5.8	9.45	D9-47-2303-K-R
5.3	6.1	6.1	5.3	8.45	5.3	3.7	6.1	6.8	10.45	D9-47-2304-K-R

Receptacle Types (Stud Assembly shown fastened for P-2 = 8.45 all views)
 Q = 0.9 MIN Frame (all receptacle views)



Other options available. For complete details on variety, part numbers, installation and specification, go to



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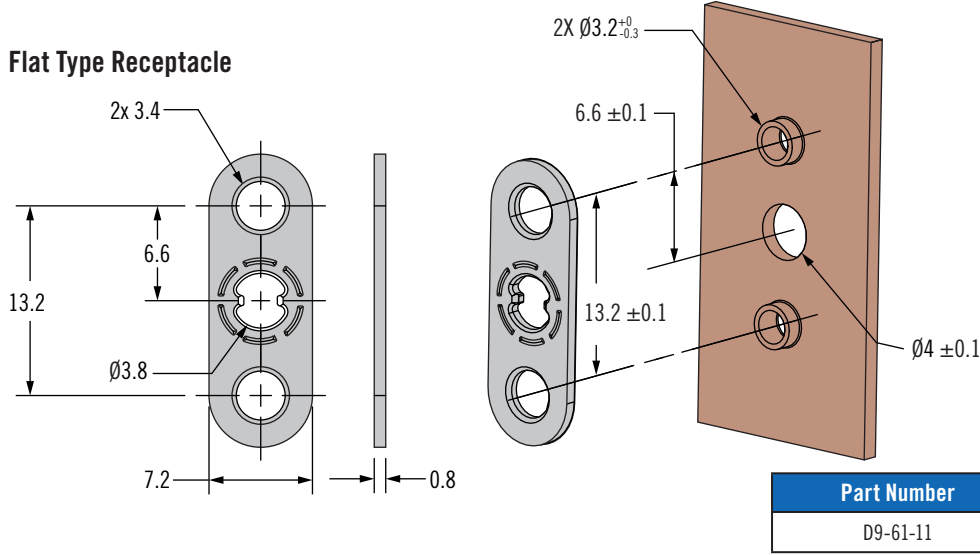
Dimensions in millimeters unless otherwise stated

D9 DZUS® TECH LINE Quarter-Turn Fasteners Receptacles



409D

Flat Type Receptacle



Part Number
D9-61-11

Material and Finish

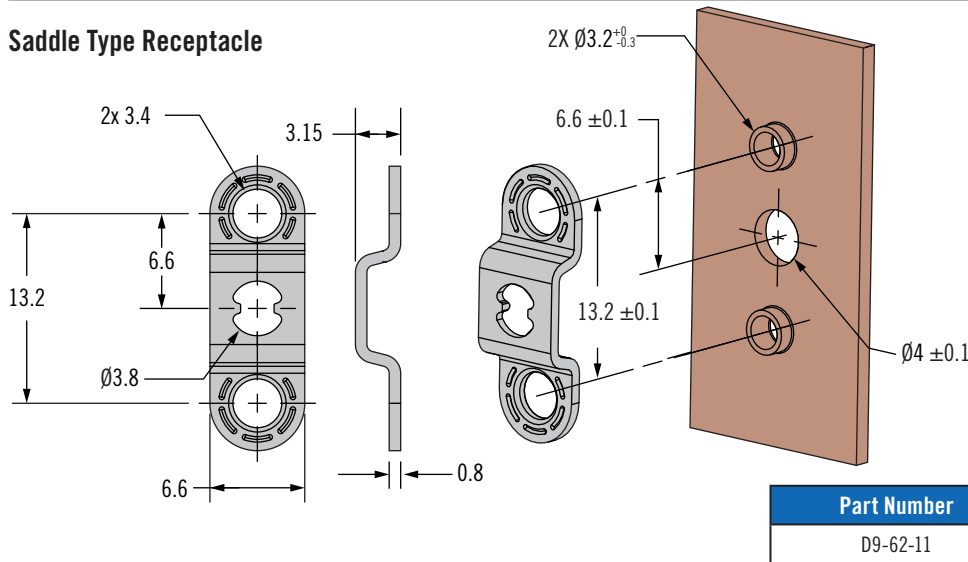
Steel, zinc plate

Suitable for use with all assembly styles and stud lengths

Part Number

See table

Saddle Type Receptacle



Part Number
D9-62-11

Material and Finish

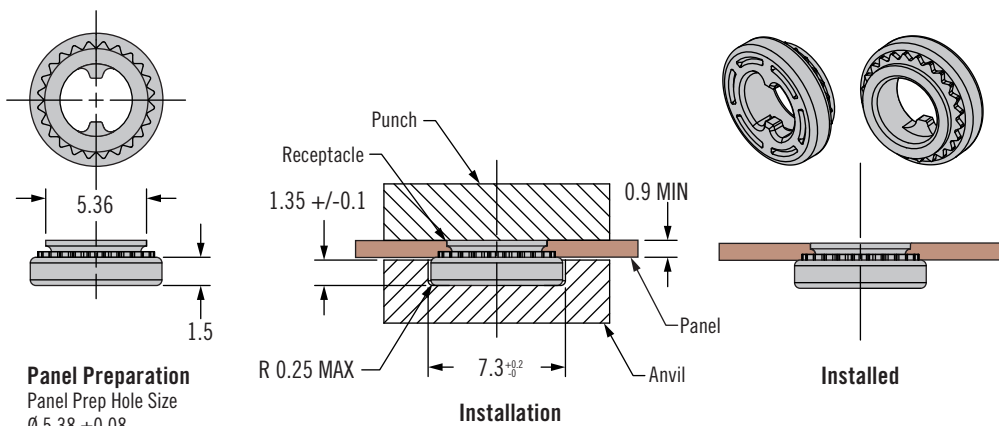
Steel, zinc plate

Suitable for use with all assembly styles and stud lengths

Part Number

See table

Self-Clinching Type Receptacle



Panel Preparation
Panel Prep Hole Size
Ø 5.38 ± 0.08

Part Number
D9-63-11

Material and Finish

Steel, zinc plate plus sealer

Installation Notes

1. Drill or punch panel prep hole.
 2. Place receptacle into anvil and put panel over lip of receptacle
 3. While keeping punch and anvil parallel, apply force until shoulder of receptacle contacts panel.
- Recommended load of 13,400 N (3000 lbf) for steel, Rb 70 max, 11,200 N (2500 lbf) for aluminum

Part Number

See table

Other options available. For complete details on variety, part numbers, installation and specification, go to



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