



D8 DZUS® PANEX Quarter-Turn Fasteners

Studs · Size 4

Material and Finish

Studs: Steel, zinc plated plus chromate or chrome plated
Bail cover: ABS, black

82

85

D8

D1

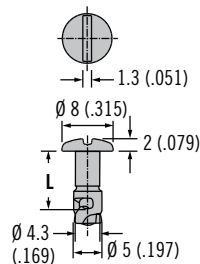
D4

D7

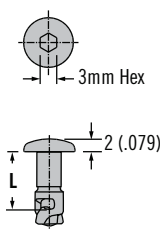
NY

H Head Styles - Tool Actuated

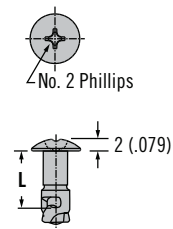
Oval Slot



Hex Recess

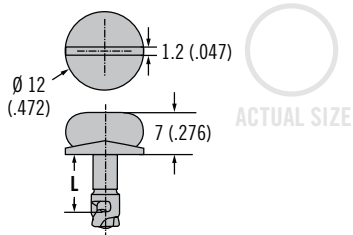


Phillips Recess

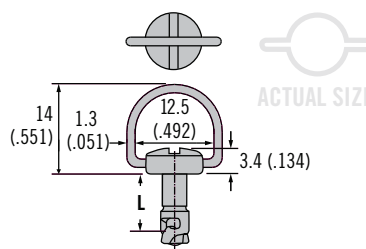


H Head Styles - Hand Actuated

Wing



Bail



Installation Notes

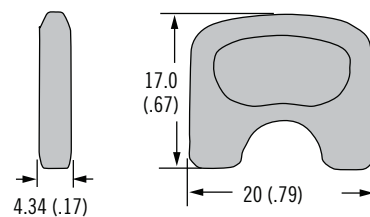
Bail cover:

A Retainer must be fitted under the stud head to fit flush with surface

Retainer part number

D8-324-100-040 (see page 291)

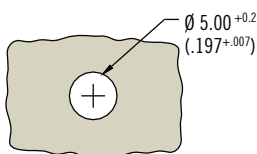
Optional Bail Cover



Bail Cover Part Number

D8-4-B-000

Stud Panel Preparation



www.southco.com/D8

DZUS® Dimensions in millimeters (inch) unless otherwise stated

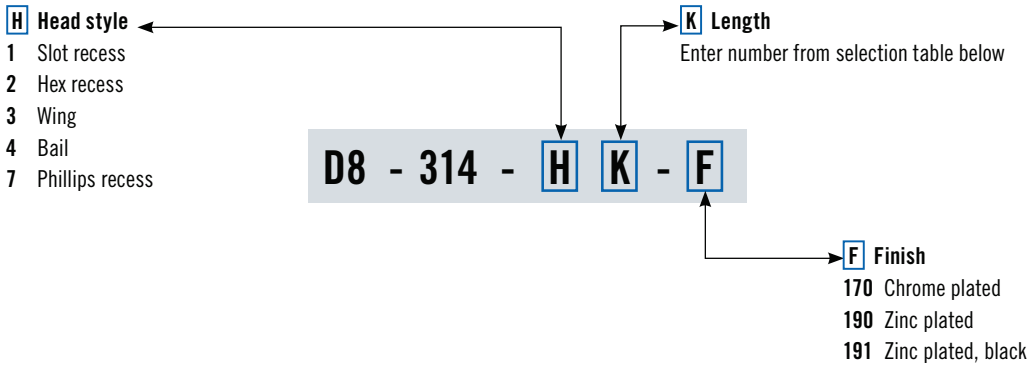
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D8 DZUS® PANEX Quarter-Turn Fasteners

Stud selection · Size 4



Part Number Selection



82

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D8

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NY



To select correct fastener:

1. Select receptacle

Choose a receptacle from pages 288 - 290

2. Select retainer and accessories

from page 291 and note any adjustment values

3. Specify stud length

Calculate the total material thickness (TMT) using the formula given for the receptacle selected. Find the range of TMT using the length selection table (left) using the column (A, B, C, D or E) given for the receptacle selected.

4. Complete the stud part number

by specifying the head style **H**, stud length **K**, and material **M**

Example:

For rivet-on

D8-334-400-121 use column A
For TMT value calculated as 5.2 (.206), K = 12

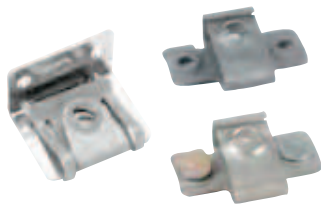
For slotted head style in steel, zinc plated material, completed part number: D8-314-112-190

A complete example can be found on page 271.



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Stud Length Table											
A		B		C		D		E		K	L ±.15 ±(.006)
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
TMT Range For: D8-334-400-121 D8-334-500-121		TMT Range For: D8-334-300-121 D8-334-310-121		TMT Range For: D8-334-200-190		TMT Range For: D8-334-100-300		TMT Range For: D8-334-110-190			
1.0 (.04)	1.9 (.07)	1.5 (.06)	2.4 (.09)	~	~	~	~	~	~	08	8 (.315)
2.0 (.08)	2.9 (.11)	2.5 (.10)	3.4 (.13)	~	~	~	~	~	~	09	9 (.354)
3.0 (.12)	3.9 (.15)	3.5 (.14)	4.4 (.17)	~	~	0.7 (.03)	1.6 (.06)	1.7 (.07)	2.6 (.10)	10	10 (.394)
4.0 (.16)	4.9 (.19)	4.5 (.18)	5.4 (.21)	~	~	1.7 (.07)	2.6 (.10)	2.7 (.11)	3.6 (.14)	11	11 (.433)
5.0 (.20)	5.9 (.23)	5.5 (.22)	6.4 (.25)	1.5 (.06)	2.4 (.09)	2.7 (.11)	3.6 (.14)	3.7 (.15)	4.6 (.18)	12	12 (.472)
6.0 (.24)	6.9 (.27)	6.5 (.26)	7.4 (.29)	2.5 (.10)	3.4 (.13)	3.7 (.15)	4.6 (.18)	4.7 (.19)	5.6 (.22)	13	13 (.512)
7.0 (.28)	7.9 (.31)	7.5 (.30)	8.4 (.33)	3.5 (.14)	4.4 (.17)	4.7 (.19)	5.6 (.22)	5.7 (.22)	6.6 (.26)	14	14 (.551)
8.0 (.31)	8.9 (.35)	8.5 (.33)	9.4 (.37)	4.5 (.18)	5.4 (.21)	5.7 (.22)	6.6 (.26)	6.7 (.26)	7.6 (.30)	15	15 (.591)
9.0 (.35)	9.9 (.39)	9.5 (.37)	10.4 (.41)	5.5 (.22)	6.4 (.25)	6.7 (.26)	7.6 (.30)	7.7 (.30)	8.6 (.34)	16	16 (.630)
10.0 (.39)	10.9 (.43)	10.5 (.41)	11.4 (.45)	6.5 (.26)	7.4 (.29)	7.7 (.30)	8.6 (.34)	8.7 (.34)	9.6 (.38)	17	17 (.669)
11.0 (.43)	11.9 (.47)	11.5 (.45)	12.4 (.49)	7.5 (.30)	8.4 (.33)	8.7 (.34)	9.6 (.38)	9.7 (.38)	10.6 (.42)	18	18 (.709)
12.0 (.47)	12.9 (.51)	12.5 (.49)	13.4 (.53)	8.5 (.33)	9.4 (.37)	9.7 (.38)	10.6 (.42)	10.7 (.42)	11.6 (.46)	19	19 (.748)
13.0 (.51)	13.9 (.55)	13.5 (.53)	14.4 (.57)	9.5 (.37)	10.4 (.41)	10.7 (.42)	11.6 (.46)	11.7 (.46)	12.6 (.50)	20	20 (.787)
14.0 (.55)	14.9 (.59)	14.5 (.57)	15.4 (.61)	10.5 (.41)	11.4 (.45)	11.7 (.46)	12.6 (.50)	12.7 (.50)	13.6 (.54)	21	21 (.827)
15.0 (.59)	15.9 (.63)	15.5 (.61)	16.4 (.65)	11.5 (.45)	12.4 (.49)	12.7 (.50)	13.6 (.54)	13.7 (.54)	14.6 (.57)	22	22 (.866)
16.0 (.63)	16.9 (.67)	16.5 (.65)	17.4 (.69)	12.5 (.49)	13.4 (.53)	13.7 (.54)	14.6 (.57)	14.7 (.58)	15.6 (.61)	23	23 (.906)
17.0 (.67)	17.9 (.70)	17.5 (.69)	18.4 (.72)	13.5 (.53)	14.4 (.57)	14.7 (.58)	15.6 (.61)	15.7 (.62)	16.6 (.65)	24	24 (.945)
18.0 (.71)	18.9 (.74)	18.5 (.73)	19.4 (.76)	14.5 (.57)	15.4 (.61)	15.7 (.62)	16.6 (.65)	16.7 (.66)	17.6 (.69)	25	25 (.984)
19.0 (.75)	19.9 (.78)	19.5 (.77)	20.4 (.80)	15.5 (.61)	16.4 (.65)	16.7 (.66)	17.6 (.69)	17.7 (.70)	18.6 (.73)	26	26 (1.02)
20.0 (.79)	20.9 (.82)	20.5 (.81)	21.4 (.84)	16.5 (.65)	17.4 (.69)	17.7 (.70)	18.6 (.73)	18.7 (.74)	19.6 (.77)	27	27 (1.06)
21.0 (.83)	21.9 (.86)	21.5 (.85)	22.4 (.88)	17.5 (.69)	18.4 (.72)	18.7 (.74)	19.6 (.77)	19.7 (.78)	20.6 (.81)	28	28 (1.10)
22.0 (.87)	22.9 (.90)	22.5 (.89)	23.4 (.92)	18.5 (.73)	19.4 (.76)	19.7 (.78)	20.6 (.81)	20.7 (.81)	21.6 (.85)	29	29 (1.14)
23.0 (.91)	23.9 (.94)	23.5 (.93)	24.4 (.96)	19.5 (.77)	20.4 (.80)	20.7 (.81)	21.6 (.85)	21.7 (.85)	22.6 (.89)	30	30 (1.18)



D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles · Size 4

Material and Finish

Steel, zinc immersion coating

Installation Notes

Install with $\varnothing 3$ (.125) rivets

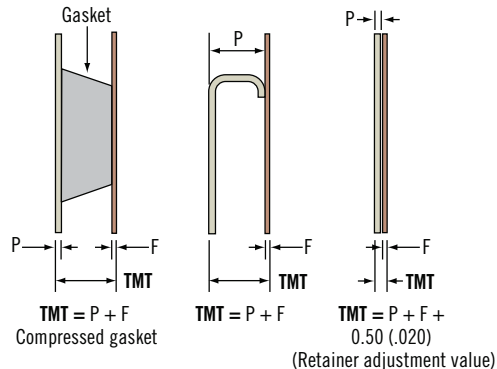
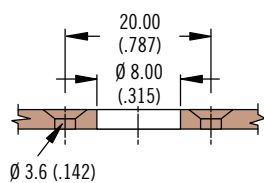
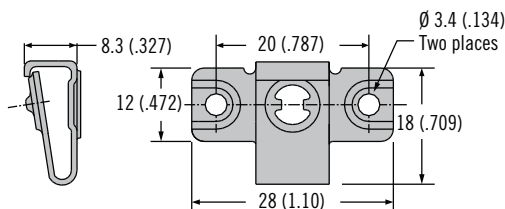
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

Rivet-On



Part Number	Stud Selection Column
D8-334-400-121	A

Material and Finish

Steel, zinc immersion coating

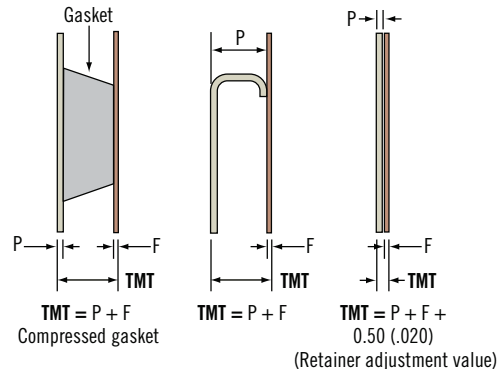
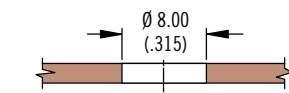
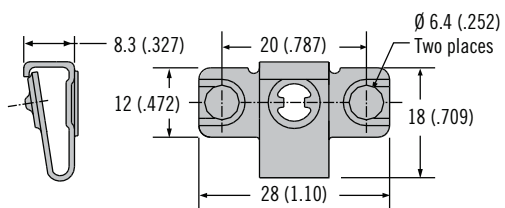
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

Weld-On



Part Number	Stud Selection Column
D8-334-500-121	A

Material and Finish

Steel, zinc immersion coating

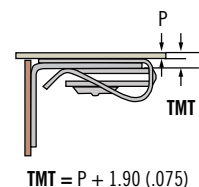
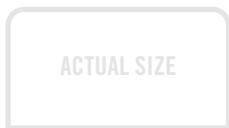
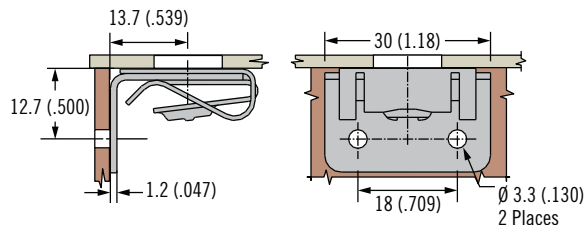
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

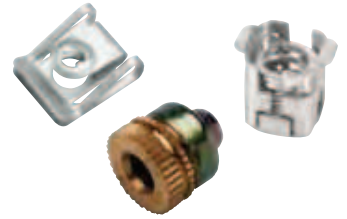
Side Mount



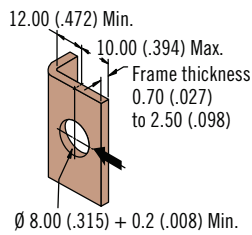
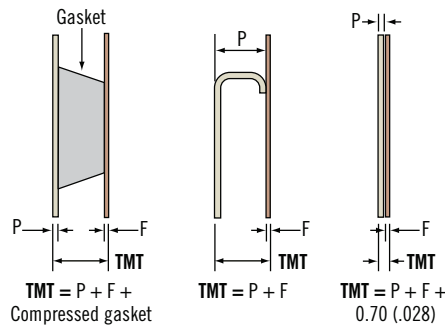
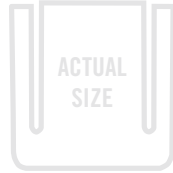
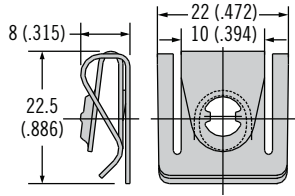
Part Number	Stud Selection Column
D8-334-310-121	B

D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles - Size 4



Clip-On



Part Number	Stud Selection Column
D8-334-300-121	B

Material and Finish

Steel, zinc immersion coating

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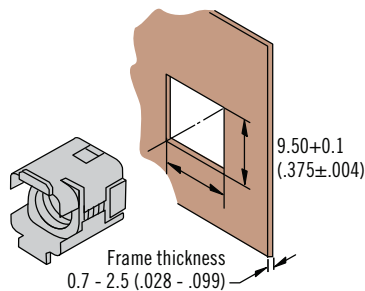
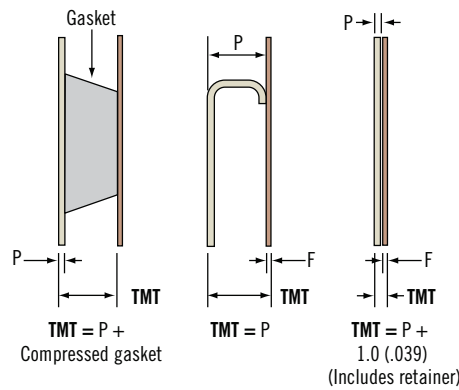
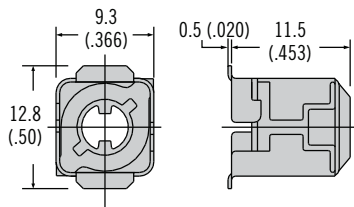
Part Number

See table

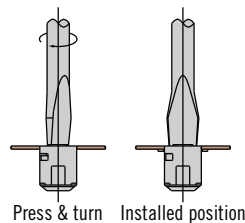
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

Front Mount



Installation



Part Number	Stud Selection Column
D8-334-200-190	C

Material and Finish

Steel, zinc plated and stainless steel

Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287



D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles · Size 4

Material and Finish

Brass and steel, zinc plated and stainless steel

Installation Notes

Press receptacle flush to frame

Notes

Receptacle shown installed flush to the frame. To eliminate the gap between the frame and outer panel, install to a depth \geq the thickness of the selected retainer. This depth should be added to the TMT.

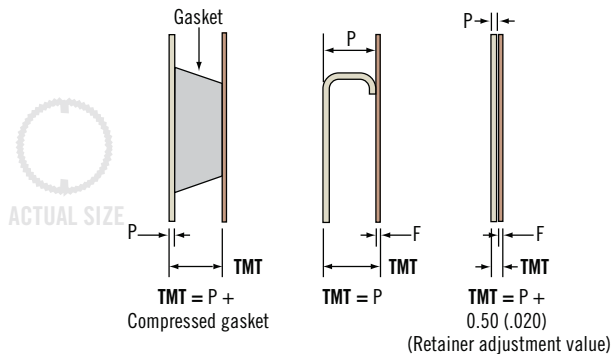
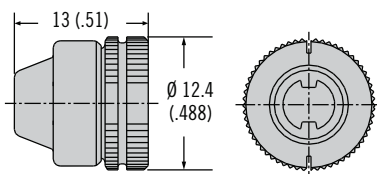
Part Number

See table

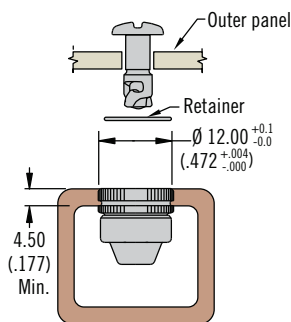
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

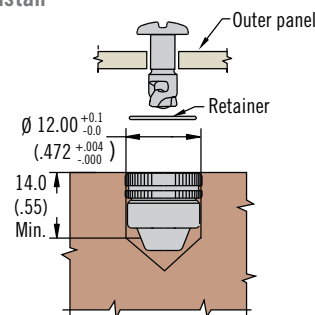
Press-In - Front Mount



Solid Install



Blind Install



Part Number	Stud Selection Column
D8-334-100-300	D

Material and Finish

Steel, zinc plated and stainless steel

Notes

For use in low carbon steels, aluminum and stainless steels in the annealed condition that are RB85 or softer

See page 497 for installation guidelines

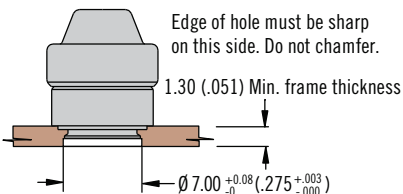
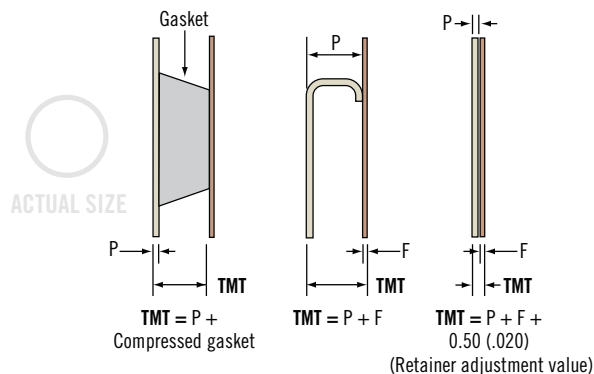
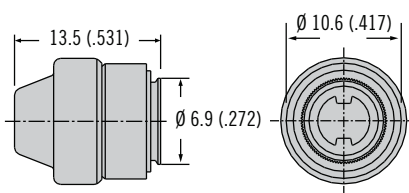
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 287

Press-In - Self-Clinching



Part Number	Stud Selection Column
D8-334-110-190	E

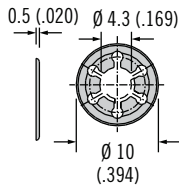
D8 DZUS® PANEX Quarter-Turn Fasteners

Retainers · Accessories · Size 4

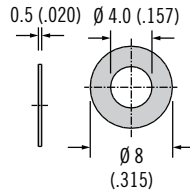


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Retainer Push-On



Retainer Push-On Plastic



Material and Finish

See table

Type	Part Number	Material	Adjustment Value
Push-on plastic	D8-324-100-040	High density polyethylene, black	Included in TMT calculation
Push-on	D8-324-101-200	Stainless steel	

Part Number

See table

82

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D8

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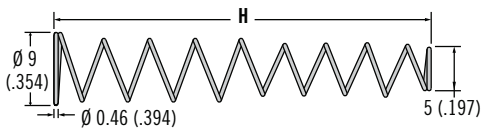
D4

D7

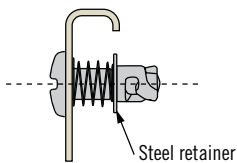
NY



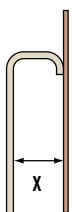
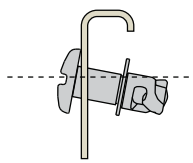
Retainer Spring (Must be secured with steel retainer)



With Retaining Spring



Without Retaining Spring



Part Number	H	X Min.	X Max.
D8-324-200-200	48 (1.89)	14 (.551)	44 (1.73)
D8-324-201-200	20 (.787)	5 (.197)	16 (.630)