



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

D9

D1

D4

D5

D7

NY



Installation Notes

Bail cover:

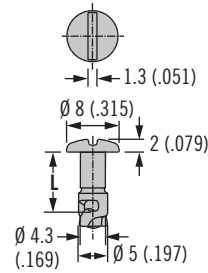
A Retainer must be fitted under the stud head to fit flush with surface

Retainer part number

D8-324-100-040 (see page 397)

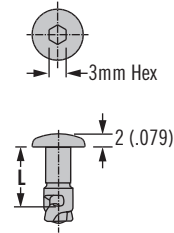
H Head Styles - Tool Actuated

Oval Slot

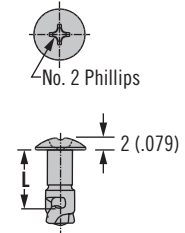


ACTUAL SIZE

Hex Recess

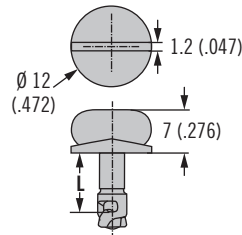


Phillips Recess



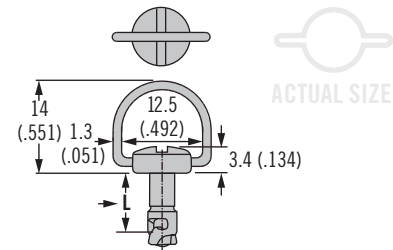
H Head Styles - Hand Actuated

Wing



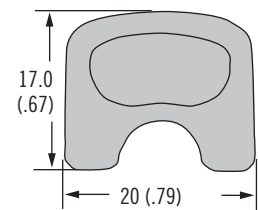
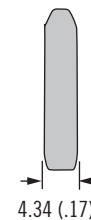
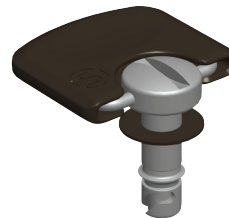
ACTUAL SIZE

Bail



ACTUAL SIZE

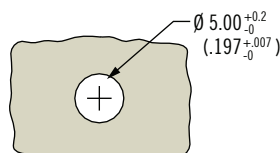
Optional Bail Cover



Bail Cover Part Number

D8-4-B-000

Stud Panel Preparation



Dimensions in millimeters (inch) unless otherwise stated



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DZUS®

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CONNECT · CREATE · INNOVATE

D8 DZUS® PANEX Quarter-Turn Fasteners

Stud selection · Size 4



Part Number Selection

H Head style

- 1 Slot recess
- 2 Hex recess
- 3 Wing
- 4 Bail
- 7 Phillips recess

K Length

Enter number from selection table below

D8 - 314 - H K - F

F Finish

- 170 Chrome plated
- 190 Zinc plated
- 191 Zinc plated, black

Stud Length Table

A		B		C		D		E		K	L ±.15 ±(.006)
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			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
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)

To select correct fastener:

1. Select receptacle

Choose a receptacle from pages 394-396

2. Select retainer and accessories

from page 397 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**

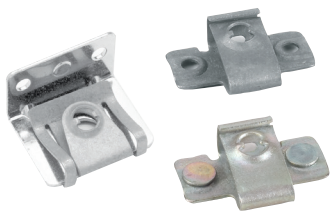
Example:

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 377.



D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles · Size 4

Material and Finish

Steel, zinc immersion coating

Installation Notes

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

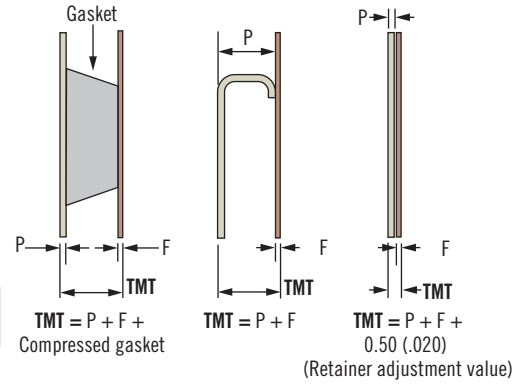
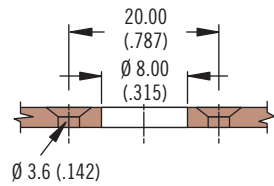
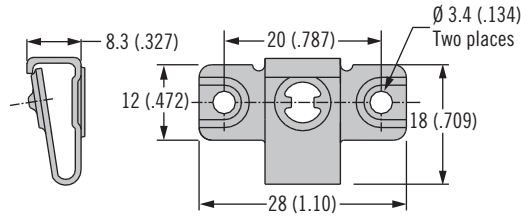
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

Rivet-On



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

Material and Finish

Steel, zinc immersion coating

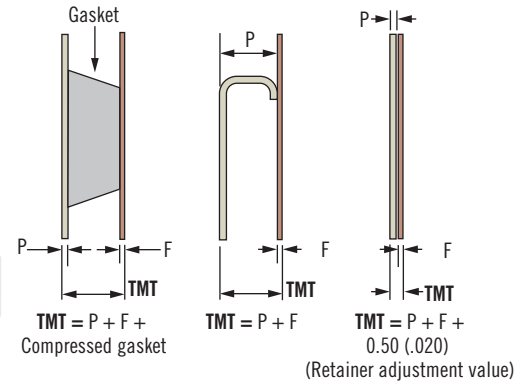
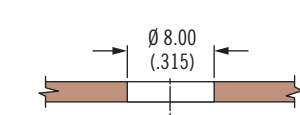
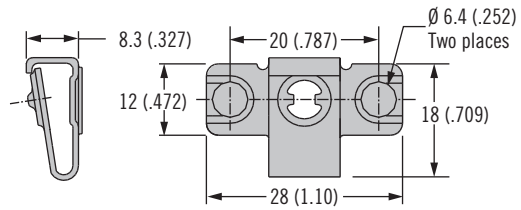
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

Weld-On



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

Material and Finish

Steel, zinc immersion coating

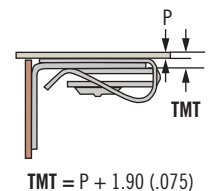
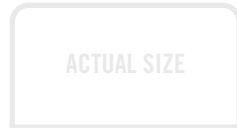
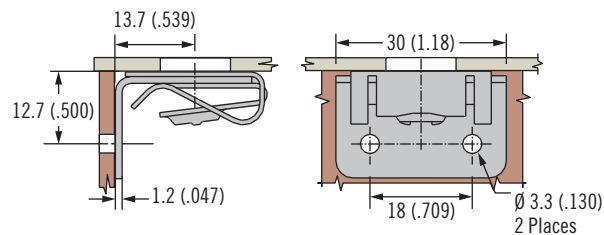
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

Side Mount

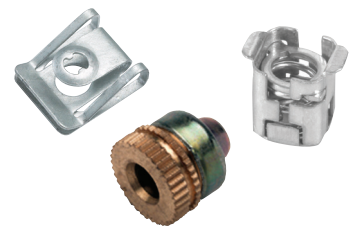


Part Number	Stud Selection Column
D8-334-310-121	B

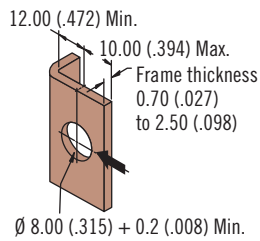
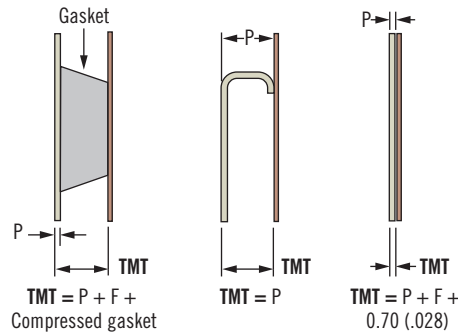
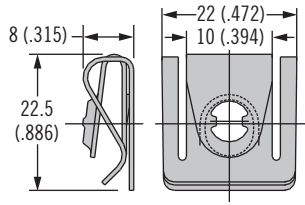


D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles · Size 4



Clip-On



Material and Finish

Steel, zinc immersion coating

Part Number

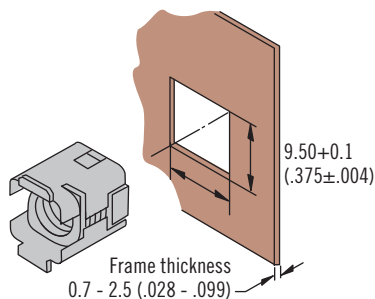
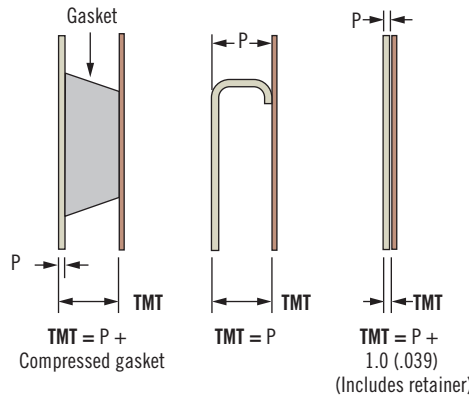
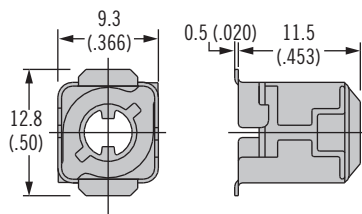
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

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

Front Mount



Material and Finish

Steel, zinc plated and stainless steel

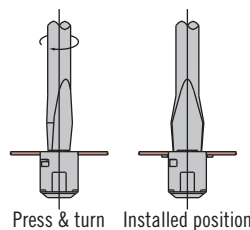
Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

Installation



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



D8 DZUS® PANEX Quarter-Turn Fasteners

Receptacles · Size 4

Material and Finish

Brass and steel, zinc plated

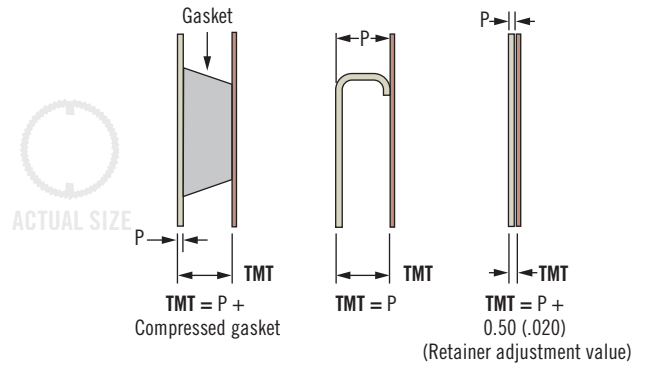
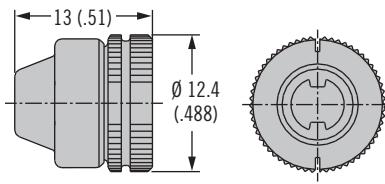
Installation Notes

Press receptacle flush to frame

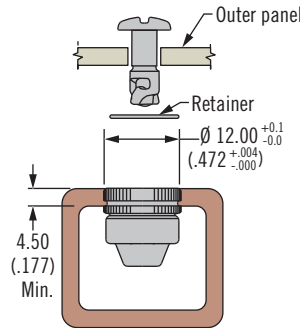
Notes

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.

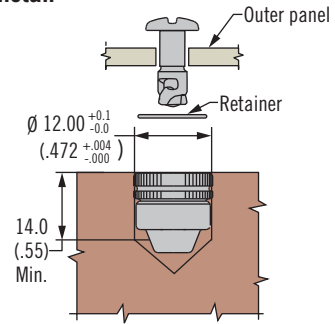
Press-In - Front Mount



Solid Install



Blind Install



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

Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

Material and Finish

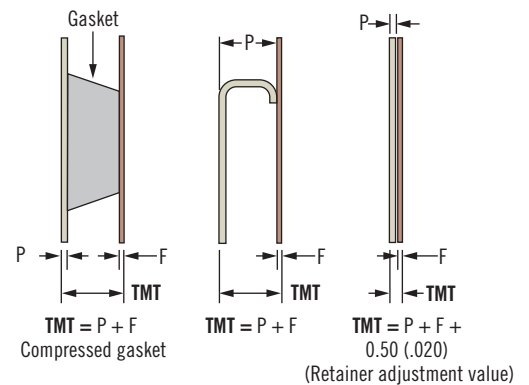
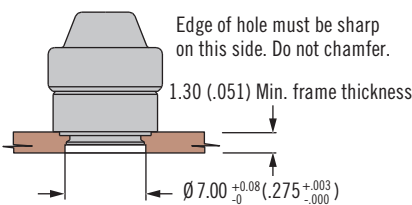
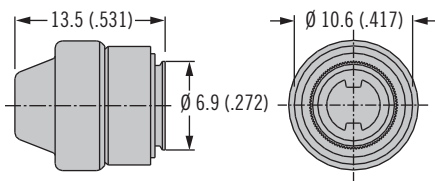
Steel, zinc plated

Notes

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

See page 543 for installation guidelines

Press-In - Self-Clinching



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

Part Number

See table

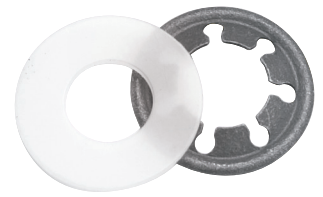
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 393

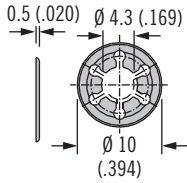
Dimensions in millimeters (inch) unless otherwise stated

D8 DZUS® PANEX Quarter-Turn Fasteners

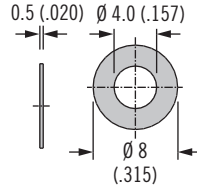
Retainers · Accessories · Size 4



Retainer Push-On



Retainer Push-On Plastic



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	

Material and Finish

See table

Part Number

See table

82

85

D8

D9

D1

D4

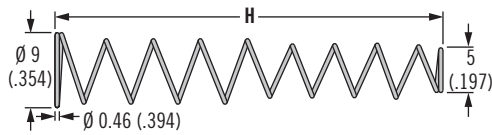
D5

D7

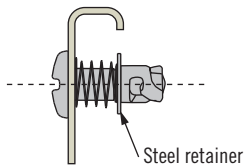
NY



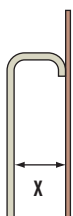
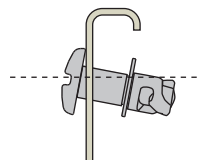
Retainer Spring (Must be secured with steel retainer)



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)