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D8 *DZUS® PANEX* Quarter-Turn Fasteners

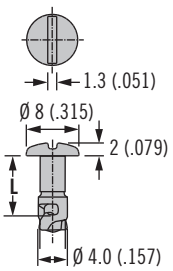
Studs · Size 4

Material and Finish

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

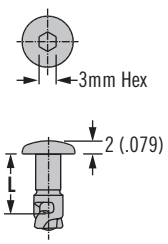
H Head Styles - Tool Actuated

Oval Slot

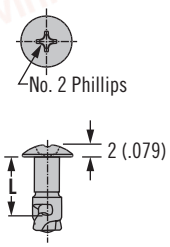


ACTUAL SIZE

Hex Recess

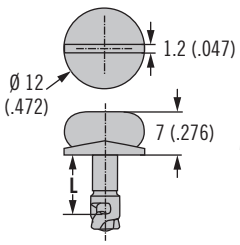


Phillips Recess



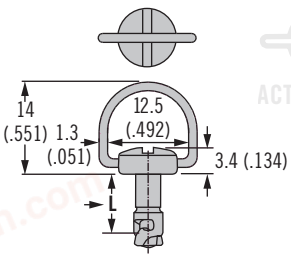
H Head Styles - Hand Actuated

Wing



ACTUAL SIZE

Bail



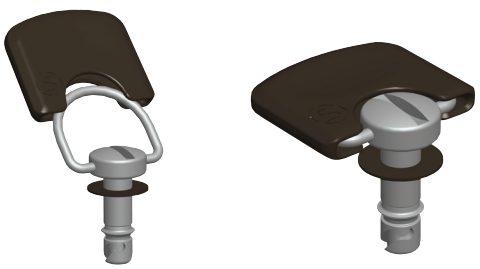
ACTUAL SIZE

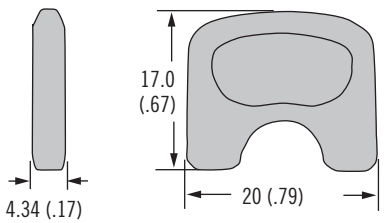
Installation Notes

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 455)

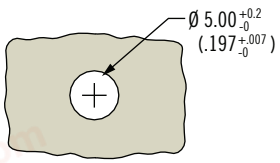
Optional Bail Cover





Bail Cover Part Number
D8-4-B-000

Stud Panel Preparation



Dimensions in millimeters (inch) unless otherwise stated

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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 D8-334-700-121		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 452-454

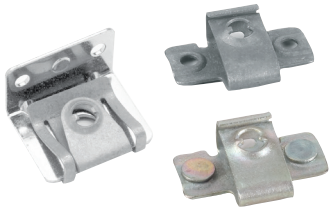
2. Select retainer and accessories
from page 455 and note any adjustment values

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 435.

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 4

Material and Finish

Steel, zinc immersion coating

Installation Notes

Install with Ø 3 (.125) rivets

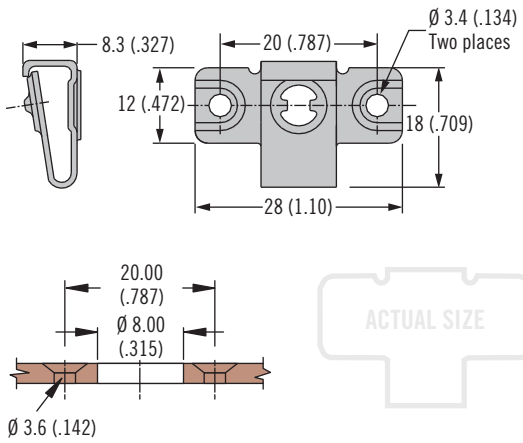
Part Number

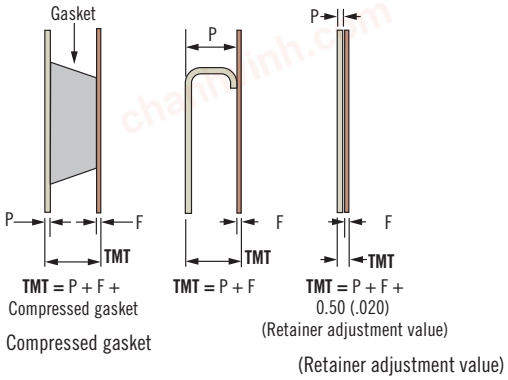
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Rivet-On





Compressed gasket

(Retainer adjustment value)

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

Material and Finish

Steel, zinc immersion coating

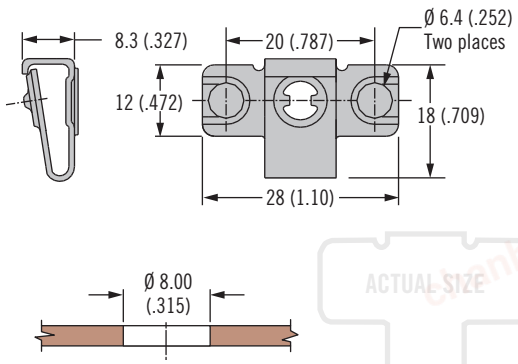
Part Number

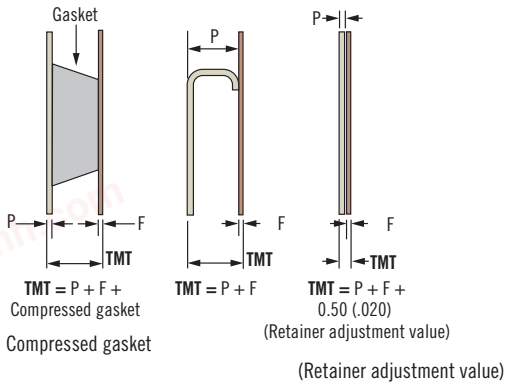
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Weld-On





Compressed gasket

(Retainer adjustment value)

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

Material and Finish

Steel, zinc immersion coating

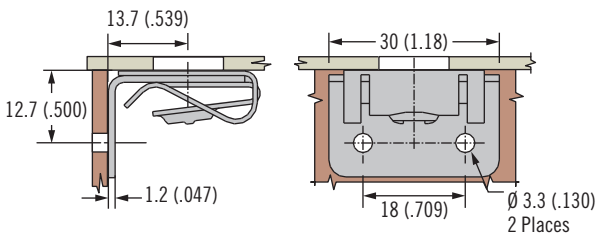
Part Number

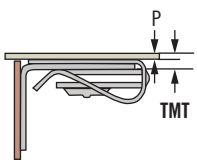
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Side Mount





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

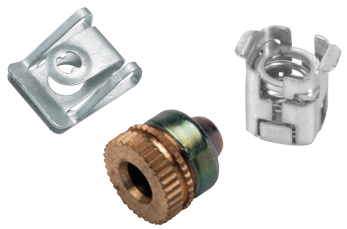
Dimensions in millimeters (inch) unless otherwise stated

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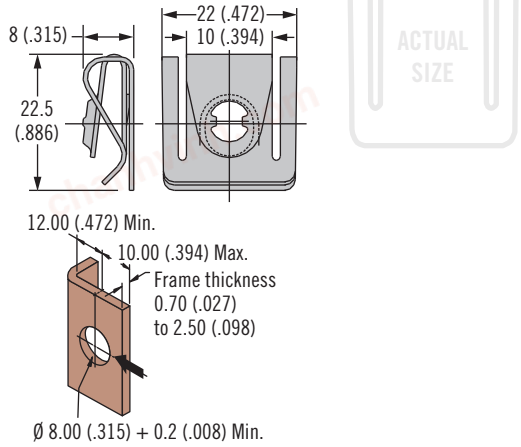
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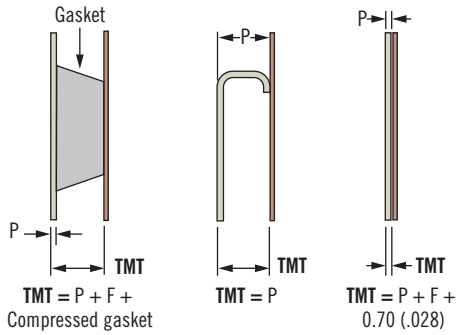
D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 4



Clip-On





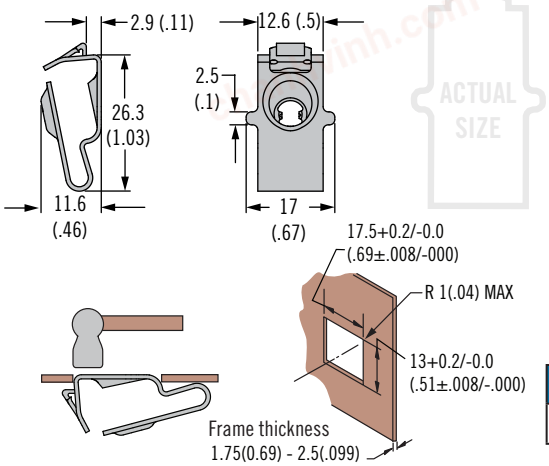
Part Number	Stud Selection Column
D8-334-300-121	B

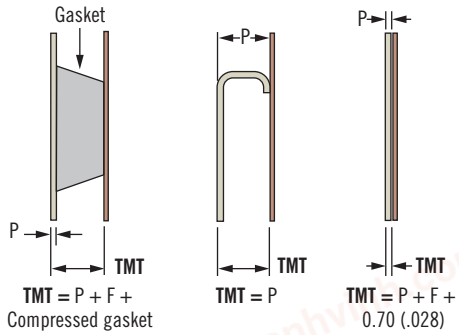
Material and Finish
Steel, zinc immersion coating

Part Number
See table

Notes
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Front Mount Clip-In





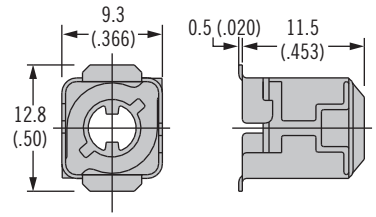
Part Number	Stud Selection Column
D8-334-700-121	B

Material and Finish
Steel, zinc immersion coating

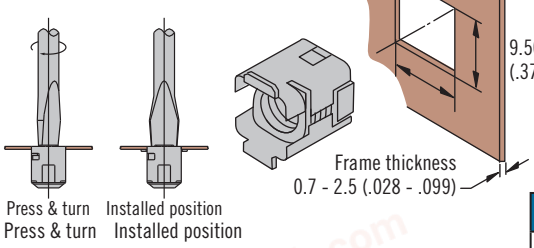
Part Number
See table

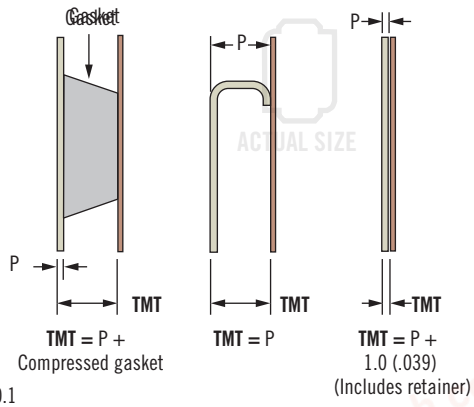
Notes
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Front Mount Snap-In



Installation





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

Material and Finish
Steel, zinc plated

Part Number
See table

Notes
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

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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 ≥ the thickness of the selected retainer. This depth should be added to the TMT.

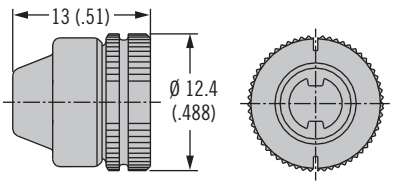
Part Number

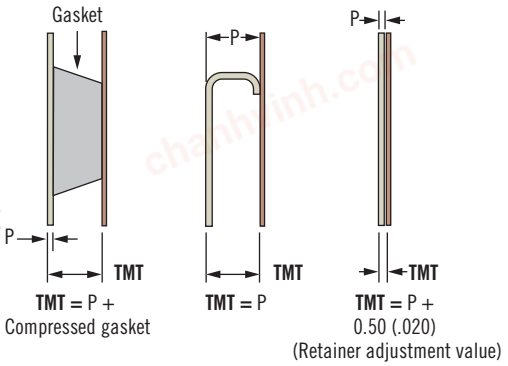
See table

Notes

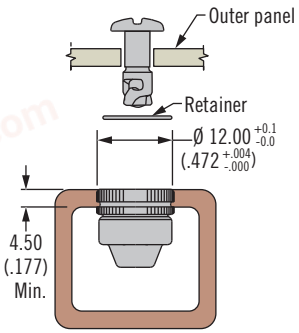
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Press-In - Front Mount

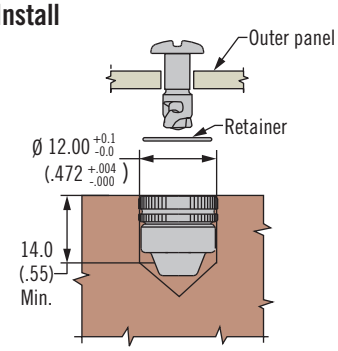




Solid Install



Blind Install



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

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 627 for installation guidelines

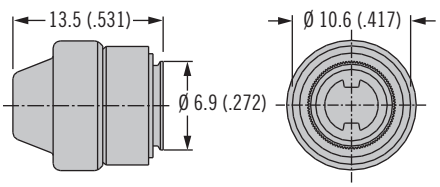
Part Number

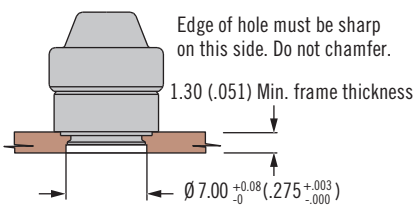
See table

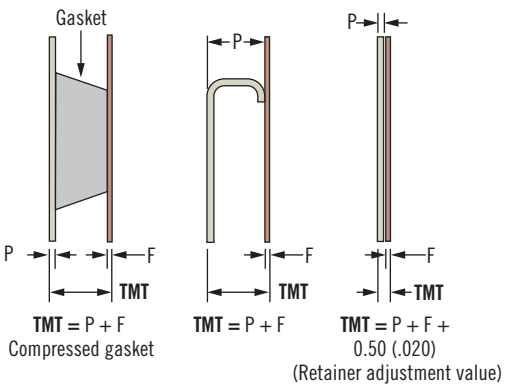
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 451

Press-In - Self-Clinching







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

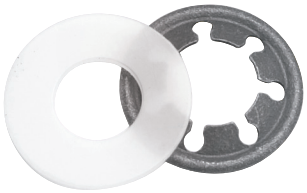
Dimensions in millimeters (inch) unless otherwise stated

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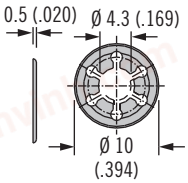
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D8 *DZUS® PANEX* Quarter-Turn Fasteners

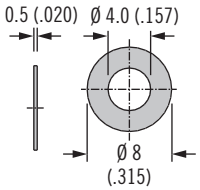
Retainers · Accessories · Size 4



Retainer Push-On

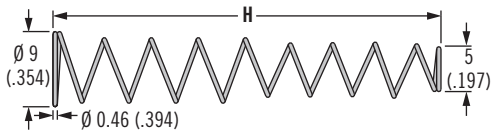


Retainer Push-On Plastic

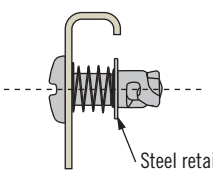


Type	Part Number	Material	Adjustment Value
Push-on plastic	D8-324-100-040	High density polyethylene, black	Included in TMT calculation
Push-on	D8-324-101-200	Stainless steel	

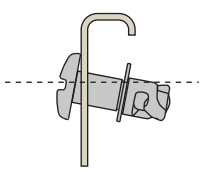
Retainer Spring (Must be secured with steel retainer)

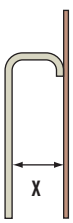


With Retaining Spring



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)

Material and Finish

See table

Part Number

See table

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

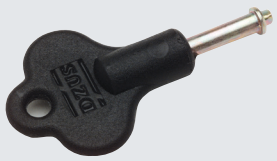
Studs · Size 6

Material and Finish

Studs: Steel, zinc plated and chromate or chrome plated or stainless steel
Key: Steel with zinc plate and chromate
Bail cover: ABS, black

Accessories

Tamper resistant stud key:
Part number: D8-316-007-969



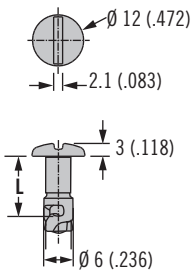
Installation Notes

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

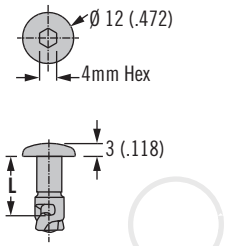
Retainer part number D8-326-100-040 (see page 461)

H Head Styles - Tool Actuated

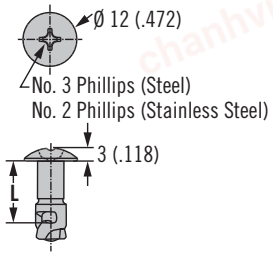
Oval Slot



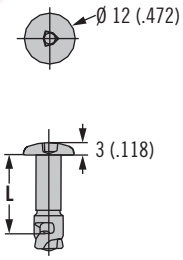
Hex Recess



Phillips Recess

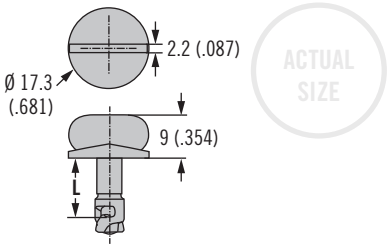


Tamper Resistant

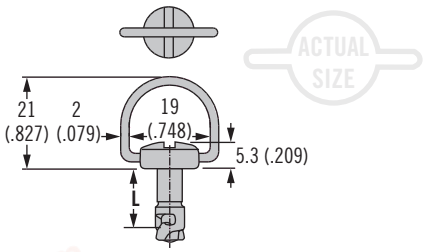


H Head Styles - Hand Actuated

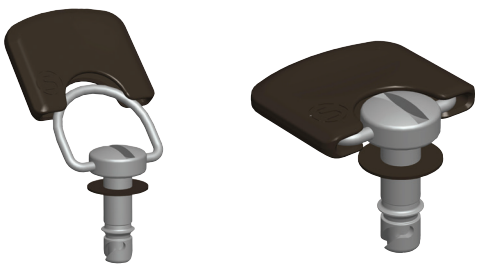
Wing

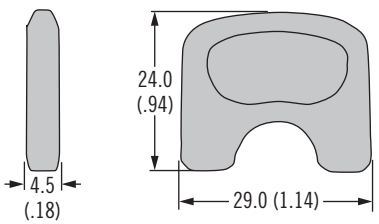


Bail



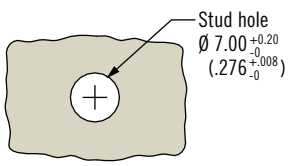
Optional Bail Cover





Bail Cover Part Number
D8-6-B-000

Stud Panel Preparation



Dimensions in millimeters (inch) unless otherwise stated

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Stud selection · Size 6



Part Number Selection

H Head style
- **1** Slot recess
- **2** Hex recess
- **3** Wing
- **4** Bail (standard stud only)
- **6** Tamper resistant
- **7** Phillips recess

D8 - 316 - H K - F

F Finish
- **170** Chrome plated
- **190** Zinc plated
- **191** Zinc plated, black
- **200** Stainless Steel (Slot recess, Hex recess, Phillips recess)

K Length
Enter number from selection table below

Stud Length Table

A		B		C		D		E		K	L ±.15 ±(.006)
TMT Range For: D8-336-400-121 D8-336-500-121		TMT Range For: D8-336-300-121 D8-336-310-121 D8-336-330-121 D8-336-700-121		TMT Range For: D8-336-200-190		TMT Range For: D8-336-100-300		TMT Range For: D8-336-110-190			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
~	~	1.5 (.06)	2.4 (.09)	~	~	~	~	~	~	09	9 (.354)
2.5 (.10)	3.4 (.13)	2.5 (.10)	3.4 (.13)	~	~	~	~	~	~	10	10 (.394)
3.5 (.14)	4.4 (.17)	3.5 (.14)	4.4 (.17)	~	~	~	~	~	~	11	11 (.433)
4.5 (.18)	5.4 (.21)	4.5 (.18)	5.4 (.21)	~	~	0.7 (.03)	1.6 (.06)	1.7 (.07)	2.6 (.10)	12	12 (.472)
5.5 (.22)	6.4 (.25)	5.5 (.22)	6.4 (.25)	~	~	1.7 (.07)	2.6 (.10)	2.7 (.11)	3.6 (.14)	13	13 (.512)
6.5 (.26)	7.4 (.29)	6.5 (.26)	7.4 (.29)	~	~	2.7 (.11)	3.6 (.14)	3.7 (.15)	4.6 (.18)	14	14 (.551)
7.5 (.30)	8.4 (.33)	7.5 (.30)	8.4 (.33)	~	~	3.7 (.15)	4.6 (.18)	4.7 (.19)	5.6 (.22)	15	15 (.591)
8.5 (.33)	9.4 (.37)	8.5 (.33)	9.4 (.37)	0.8 (.03)	1.7 (.07)	4.7 (.19)	5.6 (.22)	5.7 (.22)	6.6 (.26)	16	16 (.630)
9.5 (.37)	10.4 (.41)	9.5 (.37)	10.4 (.41)	1.8 (.07)	2.7 (.11)	5.7 (.22)	6.6 (.26)	6.7 (.26)	7.6 (.30)	17	17 (.669)
10.5 (.41)	11.4 (.45)	10.5 (.41)	11.4 (.45)	2.8 (.11)	3.7 (.15)	6.7 (.26)	7.6 (.30)	7.7 (.30)	8.6 (.34)	18	18 (.709)
11.5 (.45)	12.4 (.49)	11.5 (.45)	12.4 (.49)	3.8 (.15)	4.7 (.19)	7.7 (.30)	8.6 (.34)	8.7 (.34)	9.6 (.38)	19	19 (.748)
12.5 (.49)	13.4 (.53)	12.5 (.49)	13.4 (.53)	4.8 (.19)	5.7 (.22)	8.7 (.34)	9.6 (.38)	9.7 (.38)	10.6 (.42)	20	20 (.787)
13.5 (.53)	14.4 (.57)	13.5 (.53)	14.4 (.57)	5.8 (.23)	6.7 (.26)	9.7 (.38)	10.6 (.42)	10.7 (.42)	11.6 (.46)	21	21 (.827)
14.5 (.57)	15.4 (.61)	14.5 (.57)	15.4 (.61)	6.8 (.27)	7.7 (.30)	10.7 (.42)	11.6 (.46)	11.7 (.46)	12.6 (.50)	22	22 (.866)
15.5 (.61)	16.4 (.65)	15.5 (.61)	16.4 (.65)	7.8 (.31)	8.7 (.34)	11.7 (.46)	12.6 (.50)	12.7 (.50)	13.6 (.54)	23	23 (.906)
16.5 (.65)	17.4 (.69)	16.5 (.65)	17.4 (.69)	8.8 (.35)	9.7 (.38)	12.7 (.50)	13.6 (.54)	13.7 (.54)	14.6 (.57)	24	24 (.945)
17.5 (.69)	18.4 (.72)	17.5 (.69)	18.4 (.72)	9.8 (.39)	10.7 (.42)	13.7 (.54)	14.6 (.57)	14.7 (.58)	15.6 (.61)	25	25 (.984)
18.5 (.73)	19.4 (.76)	18.5 (.73)	19.4 (.76)	10.8 (.43)	11.7 (.46)	14.7 (.58)	15.6 (.61)	15.7 (.62)	16.6 (.65)	26	26 (1.02)
19.5 (.77)	20.4 (.80)	19.5 (.77)	20.4 (.80)	11.8 (.46)	12.7 (.50)	15.7 (.62)	16.6 (.65)	16.7 (.66)	17.6 (.69)	27	27 (1.06)
20.5 (.81)	21.4 (.84)	20.5 (.81)	21.4 (.84)	12.8 (.50)	13.7 (.54)	16.7 (.66)	17.6 (.69)	17.7 (.70)	18.6 (.73)	28	28 (1.10)
21.5 (.85)	22.4 (.88)	21.5 (.85)	22.4 (.88)	13.8 (.54)	14.7 (.58)	17.7 (.70)	18.6 (.73)	18.7 (.74)	19.6 (.77)	29	29 (1.14)
22.5 (.89)	23.4 (.92)	22.5 (.89)	23.4 (.92)	14.8 (.58)	15.7 (.62)	18.7 (.74)	19.6 (.77)	19.7 (.78)	20.6 (.81)	30	30 (1.18)

To select correct fastener:

1. Select receptacle
Choose a receptacle from pages 458-460

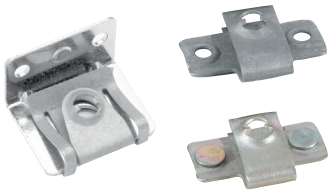
2. Select retainer and accessories
from page 461 and note any adjustment values

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 stud 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
D8-336-400-121 use column A
For TMT value calculated as 5.2 (.206), K = 12
For slotted head style in steel material, completed part number: D8-316-112-190
A complete example can be found on page 435.

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 6

Material and Finish

Steel, zinc immersion coating or stainless steel

Installation Notes

Install with Ø 3 (.125) rivets

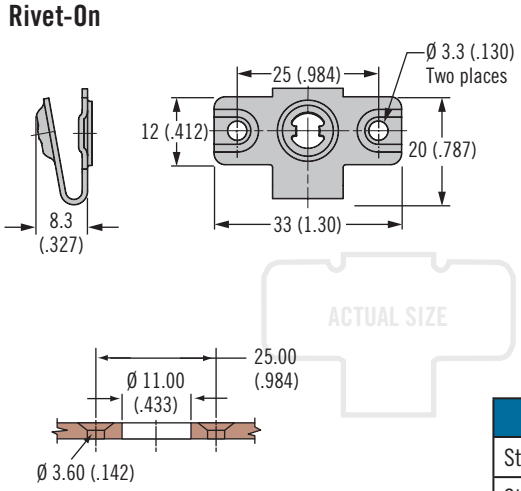
Part Number

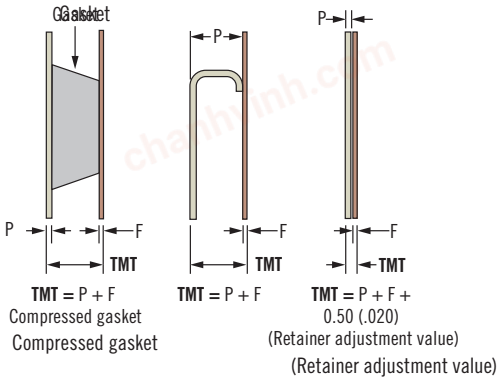
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 457

Rivet-On





Part Number		Stud Selection Column
Steel	D8-336-400-121	A
Stainless steel	D8-336-400-200	

Material and Finish

Steel, zinc immersion coating

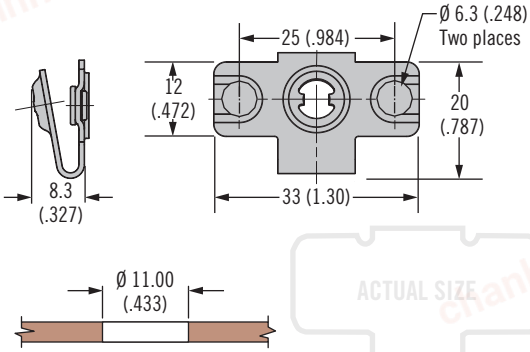
Part Number

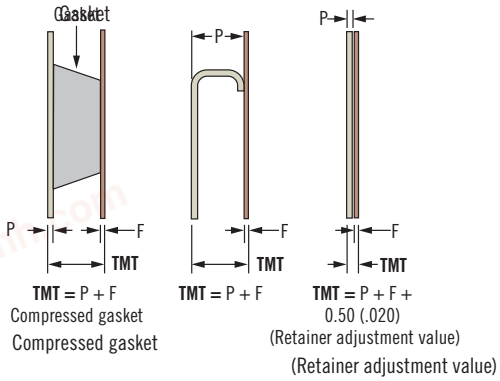
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 457

Weld-On





Part Number	Stud Selection Column
D8-336-500-121	A

Material and Finish

Steel, zinc immersion coating

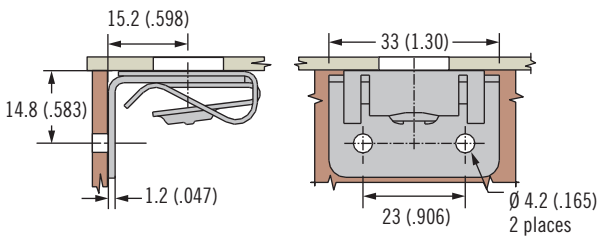
Part Number

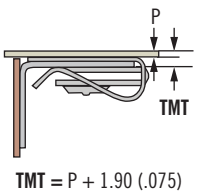
See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 457

Side Mount





Part Number	Stud Selection Column
D8-336-310-121	B

Dimensions in millimeters (inch) unless otherwise stated

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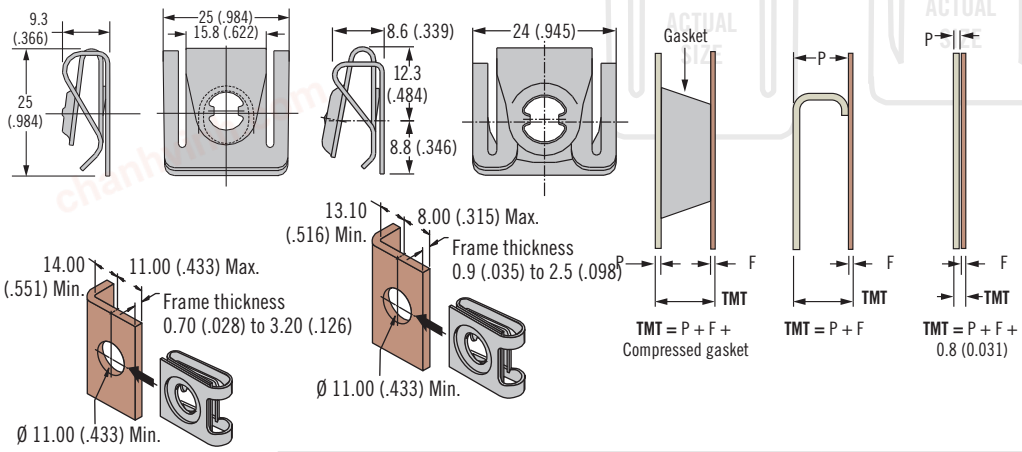
D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 6



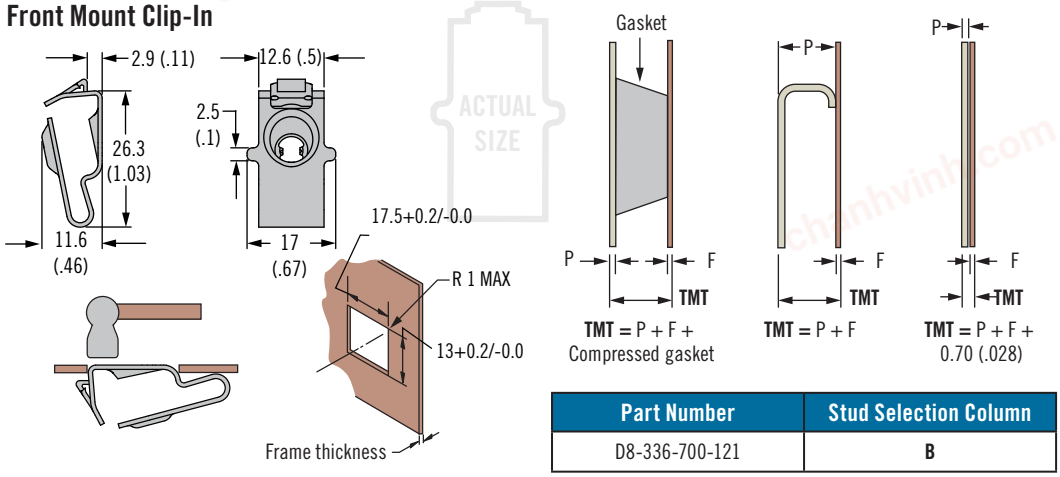
Clip-On

Clip-On - Mini



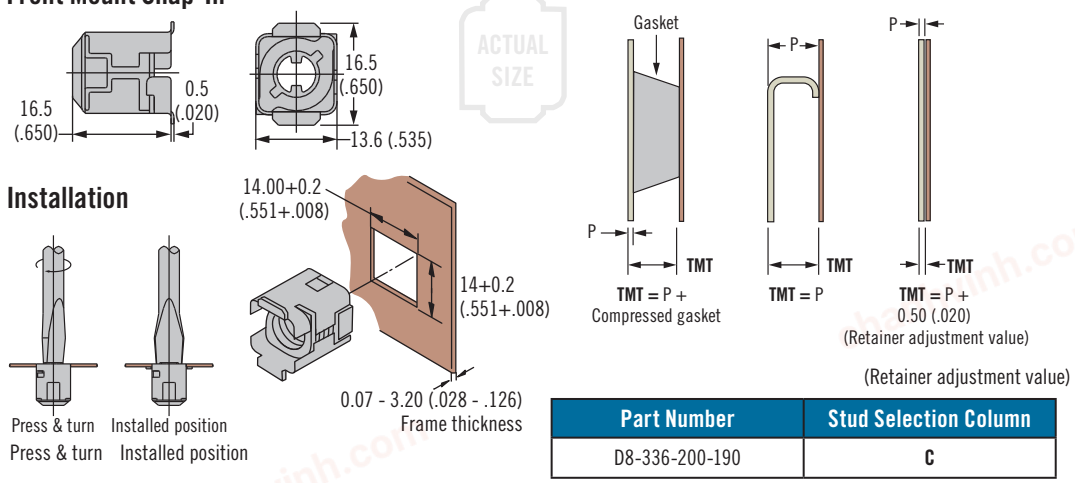
Style	Material	Part Number	C	Stud Selection Column
Clip-On	Steel	D8-336-300-121	0.8(0.031)	B
Clip-On-Mini	Steel	D8-336-330-121	0.7(0.028)	
Clip-On-Mini	Stainless steel	D8-336-330-200		

Front Mount Clip-In



Part Number	Stud Selection Column
D8-336-700-121	B

Front Mount Snap-In



Installation

Part Number	Stud Selection Column
D8-336-200-190	C

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 457

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 457

Material and Finish

Steel, zinc plated

Part Number

See table

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 457

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 6

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 ≥ the thickness of the selected retainer. This depth should be added to the TMT.

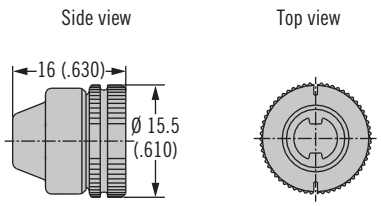
Part Number

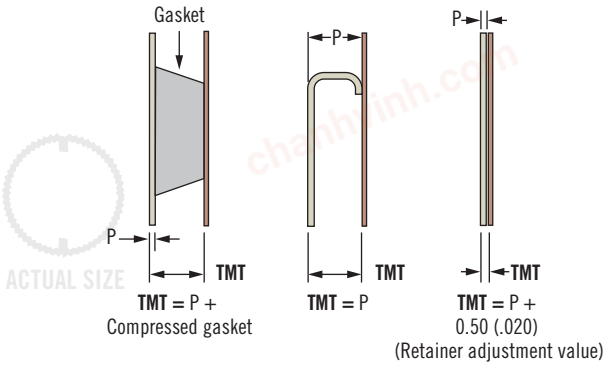
See table

Notes

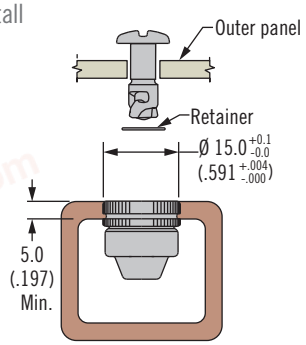
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 457

Press-In - Front Mount

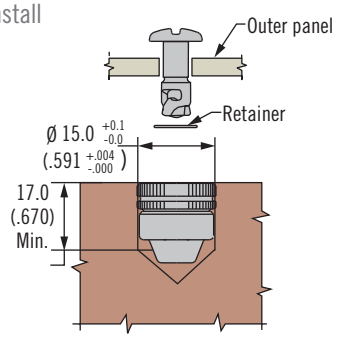




Solid Install



Blind Install



Part Number	Stud Selection Column
D8-336-100-300	D

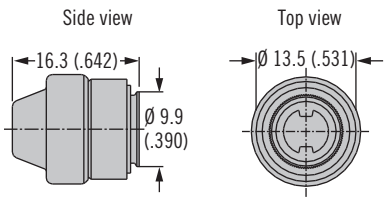
Press-In - Self-Clinching

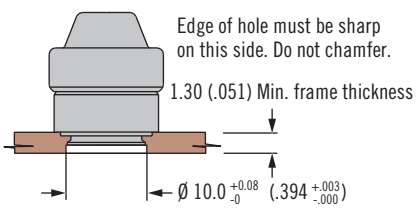
Material and Finish

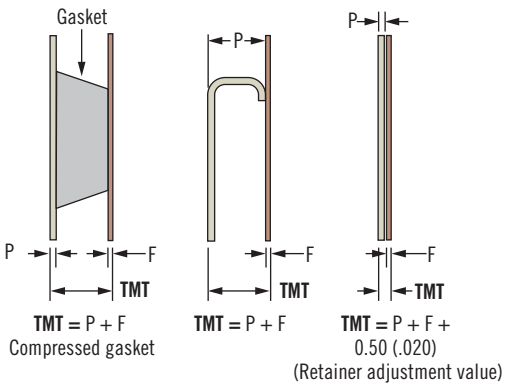
Steel, zinc plated

Installation Notes

See page 627 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 457

Part Number	Stud Selection Column
D8-336-110-190	E

Dimensions in millimeters (inch) unless otherwise stated

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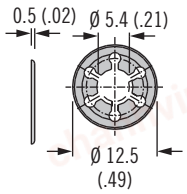
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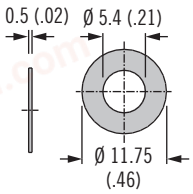
Retainers and Accessories · Size 6



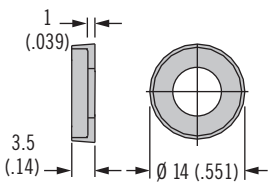
Retainer Push-On, Stainless Steel



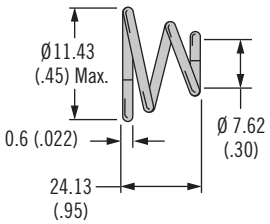
Retainer Push-On, Plastic



Cupped Washer

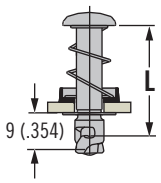


Ejector Spring



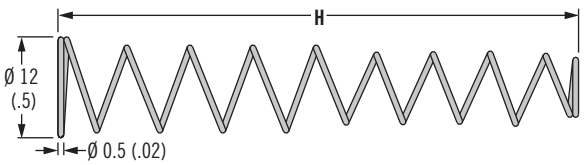
Ejector Spring and Cup Assembly

(Must be secured with stainless steel retainer)

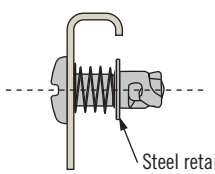


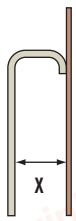
Type	Part Number	Material	Adjustment Value
Push-on plastic	D8-326-100-040	High density polyethylene, black	Included in TMT calculation
Push-on	D8-326-101-200	Stainless steel	
Cupped washer	D8-376-001-049	Thermoplastic, black	Add 1.00 (.039)
Ejector spring	D4-EHF5-3-950QA	Stainless steel	Add 1.00 (.039)

Retainer Spring (Must be secured with steel retainer)

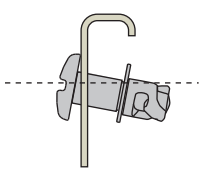


With Retaining Spring





Without Retaining Spring



Part Number	H	X Min.	X Max.
D8-326-200-200	48 (1.89)	19 (.75)	44 (1.73)
D8-326-201-200	25 (.98)	5 (.197)	21 (.83)

Material and Finish

See table

Accessories

When using the ejecting version add 2 (.079) to your TMT

Notes

Cupped washer only available for tool recess head styles (slot, Phillips, hex, tamper resistant)

Assembly consists of spring, cup and stud ordered separately, shipped bulk

Part Number

See table

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

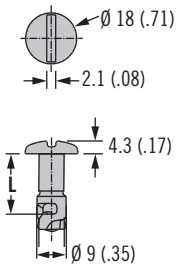
Studs · Size 9

Material and Finish

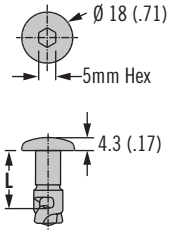
Studs: Steel, zinc plated and chromate or chrome plated

H Head Styles - Tool Actuated

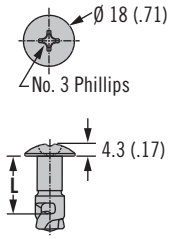
Oval Slot



Hex Recess

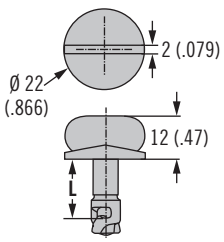


Phillips Recess

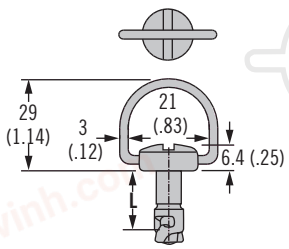


H Head Styles - Hand Actuated

Wing



Bail

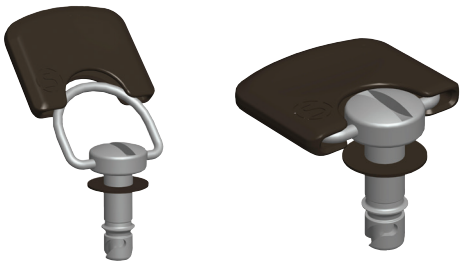


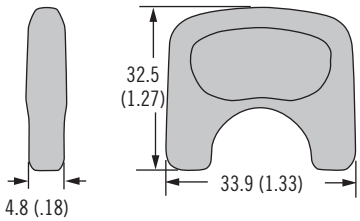
Installation Notes

Bail cover:
A retainer must be fitted under the stud head to fit flush with surface

Retainer part number
D8-329-101-040
(see page 467)

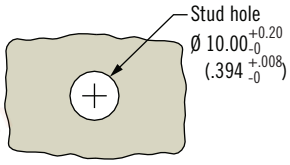
Optional Bail Cover





Bail Cover Part Number
D9-9-B-000

Stud Panel Preparation



Dimensions in millimeters (inch) unless otherwise stated

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Stud selection · Size 9



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

F Finish
- **170** Chrome plated
- **190** Zinc plated
- **191** Zinc plated, black

D8 - 319 - H K - F

Stud Length Table					
A		B		K	L ±.15 (.006)
TMT Range For: D8-339-400-121 D8-339-500-121 D8-339-300-121 D8-339-301-121 D8-339-305-121		TMT Range For: D8-339-200-190			
Min.	Max.	Min.	Max.		
3.0 (.12)	3.9 (.15)	~	~	**11**	11 (.433)
4.0 (.16)	4.9 (.19)	~	~	**12**	12 (.472)
5.0 (.20)	5.9 (.23)	~	~	**13**	13 (.512)
6.0(.24)	6.9 (.27)	~	~	**14**	14 (.551)
7.0 (.28)	7.9 (.31)	~	~	**15**	15 (.591)
8.0 (.31)	8.9 (.35)	~	~	**16**	16 (.630)
9.0 (.35)	9.9 (.39)	~	~	**17**	17 (.669)
10.0 (.39)	10.9 (.43)	~	~	**18**	18 (.709)
11.0 (.43)	11.9 (.47)	~	~	**19**	19 (.748)
12.0 (.47)	12.9 (.51)	~	~	**20**	20 (.787)
13.0 (.51)	13.9 (.55)	~	~	**21**	21 (.827)
14.0 (.55)	14.9 (.59)	2.5 (.10)	3.4 (.13)	**22**	22 (.866)
15.0 (.59)	15.9 (.63)	3.5 (.14)	4.4 (.17)	**23**	23 (.906)
16.0 (.63)	16.9 (.67)	4.5 (.18)	5.4 (.21)	**24**	24 (.945)
17.0 (.67)	17.9 (.70)	5.5 (.22)	6.4 (.25)	**25**	25 (.984)
18.0 (.71)	18.9 (.74)	6.5 (.26)	7.4 (.29)	**26**	26 (1.02)
19.0 (.75)	19.9 (.78)	7.5 (.30)	8.4 (.33)	**27**	27 (1.06)
20.0 (.79)	20.9 (.82)	8.5 (.33)	9.4 (.37)	**28**	28 (1.10)
21.0 (.83)	21.9 (.86)	9.5 (.37)	10.4 (.41)	**29**	29 (1.14)
22.0 (.87)	22.9 (.90)	10.5 (.41)	11.4 (.45)	**30**	30 (1.18)

To select correct fastener:

1. Select receptacle
Choose a receptacle from pages 464-466

2. Select retainer and accessories
from page 467 and note any adjustment values

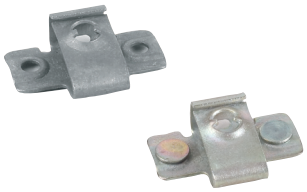
3. Specify stud length
Calculate the total material thickness (TMT) using the formula given for the receptacle selected. Find the range of TMT using the stud length selection table (left) using the column (A, or B) given for the receptacle selected.

4. Complete the stud part number
by specifying the head style H, stud length K, and material M

Example:
For rivet-on
D8-339-400-121 use column A
For TMT value calculated as 5.2 (.206), K = 13
For slotted head style in steel, zinc plated material, completed part number: D8-319-113-190
A complete example can be found on page 435.

Notes
Stainless steel material may require a higher minimum order quantity. Contact Southco for details.

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 9

Material and Finish

Steel, zinc immersion coating

Installation Notes

Install with Ø 3 (.125) rivets

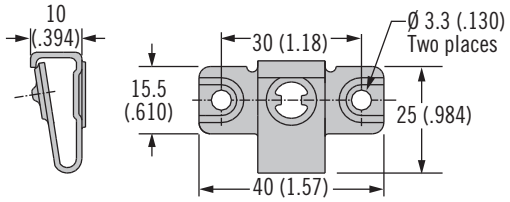
Part Number

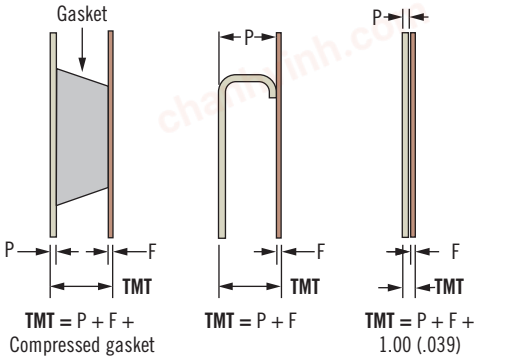
See table

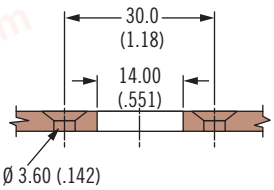
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 463

Rivet-On





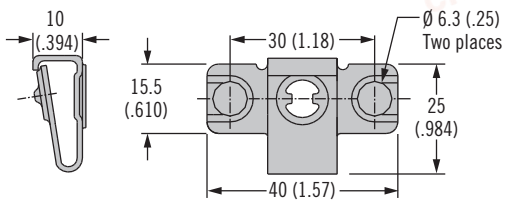


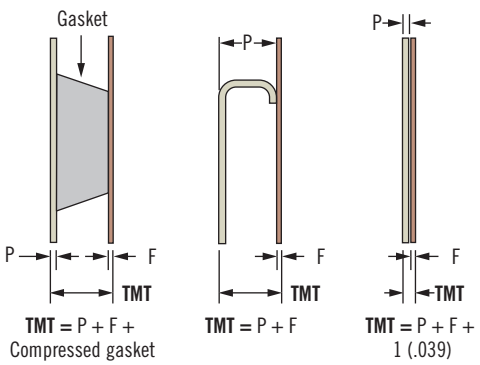
Part Number	Stud Selection Column
D8-339-400-121	A

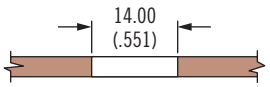
Material and Finish

Steel, zinc immersion coating

Weld-On







Part Number	Stud Selection Column
D8-339-500-121	A

Part Number

See table

Notes

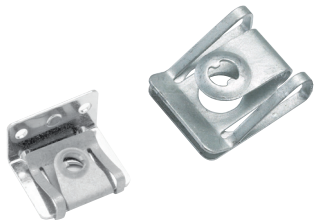
Utilize stud selection column indicated when choosing a stud length from the stud length table on page 463

Dimensions in millimeters (inch) unless otherwise stated

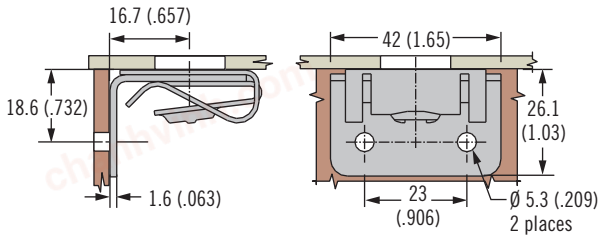
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D8 *DZUS® PANEX* Quarter-Turn Fasteners

Receptacles · Size 9



Side Mount



Part Number	Stud Selection Column
D8-339-305-121	A

Material and Finish

Steel, zinc immersion coating

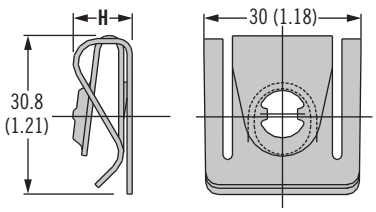
Part Number

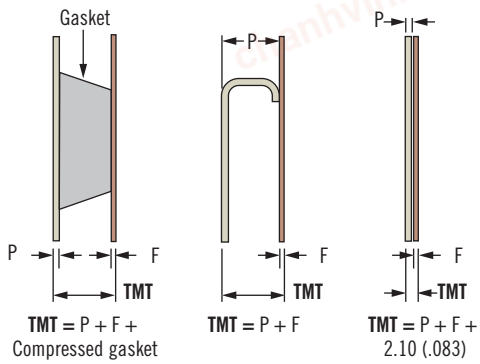
See table

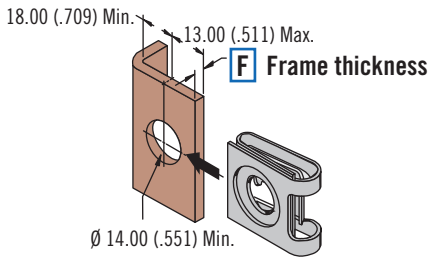
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 463

Clip-On







F Frame Thickness Range	Part Number	H	Stud Selection Column
0.7 - 3.2 (.028 - .126)	D8-339-300-121	10.7 (.421)	A
3.2 - 5.5 (.126 - .217)	D8-339-301-121	11.3 (.445)	

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 463

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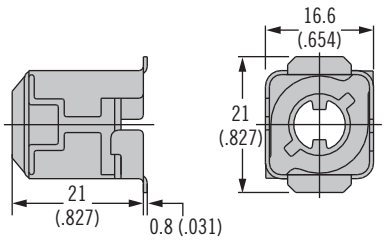
D8 *DZUS® PANEX* Quarter-Turn Fasteners

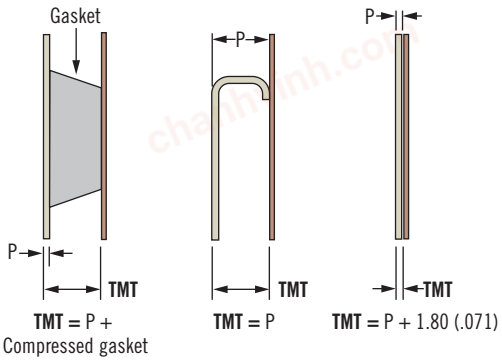
Receptacles · Size 9

Material and Finish

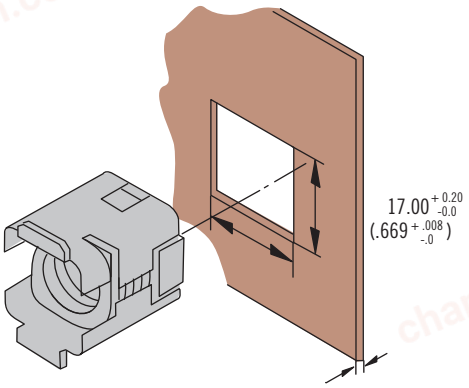
Steel, zinc plated

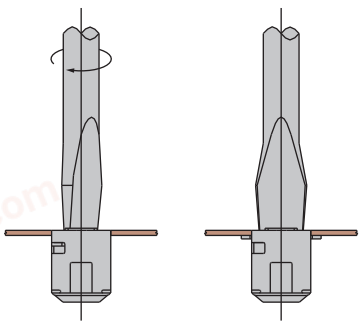
Front Mount





ACTUAL SIZE





Part Number

See table

Type	Part Number	Stud Selection Column
Front mount	D8-339-200-190	**B**

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 463

Dimensions in millimeters (inch) unless otherwise stated

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D8 *DZUS® PANEX* Quarter-Turn Fasteners

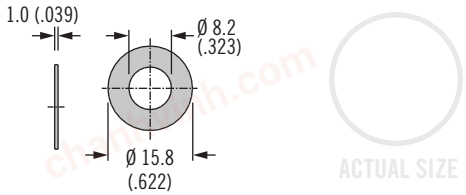
Retainers and accessories · Size 9



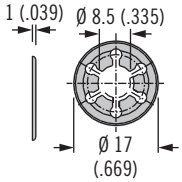
Material and Finish

See table

Retainer Push-On, Plastic

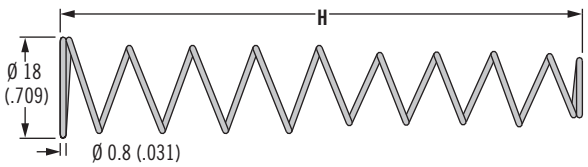


Retainer Push-On, Steel

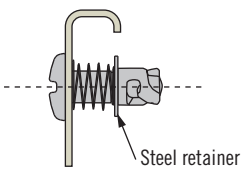


Type	Part Number	Material	Adjustment Value
Push-on Plastic	D8-329-101-040	Nylon 6/6 Black	Included in TMT calculation
Push-on	D8-329-101-200	Stainless steel	

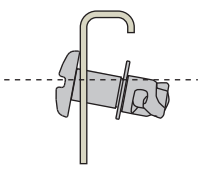
Retainer Spring (Must be secured with steel retainer)

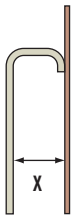


With Retaining Spring



Without Retaining Spring





Part Number	H	X Min.	X Max.
D8-329-200-200	48 (1.89)	7 (.276)	43 (1.69)