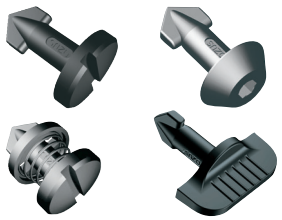
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D1 *DZUS*® Dart Quarter-Turn Fasteners

Studs, Glass-filled nylon

Material and Finish

Glass-filled nylon, black

Adjustment formula

Add 2.3 (.090) to panel thickness and recalculate your TMT when using self-ejecting stud assembly

To select correct fastener:

1. Select receptacle

Choose a receptacle from pages 475-477

2. Select retainer and accessories

from page 477 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 (right) using the column (A, B, C, or D) given for the receptacle selected.

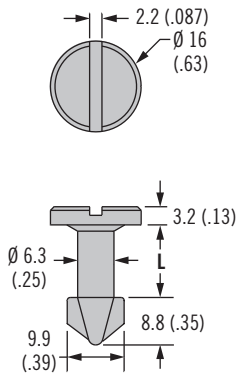
4. Complete the stud part number

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

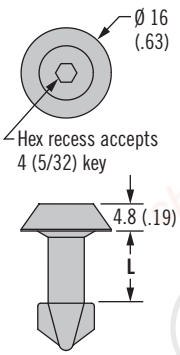
Example: For rivet-on D1-004-001-010 use column **A**
For TMT value calculated as 5.2 (.206), K = 55
For slotted head style, completed part number: D1-004-055-030
A complete example can be found on page 435.

H Head Styles - Tool Actuated

Slot Recess

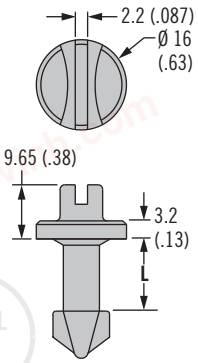


Hex Recess

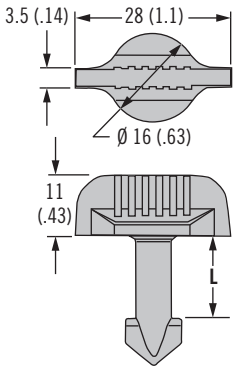


H Head Styles - Hand Actuated

Slotted Recess Knob

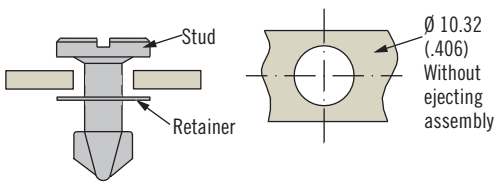


Wing

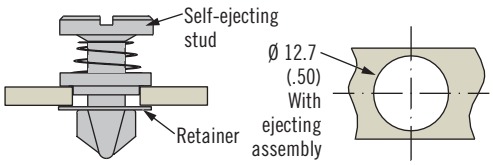


ACTUAL SIZE

Standard Stud Assembly



Self-Ejecting Stud Assembly



Stud Length Table

A		B		C		D		K	L
TMT Range For: D1-004-001-010		TMT Range For: D1-004-00(F)-010		TMT Range For: D1-004-92(F)-010		TMT Range For: D1-004-91(F)-010 D1-004-01(F)-010			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
2.54 (.100)	3.80 (.149)	~	~	4.32 (.170)	5.58 (.219)	4.13 (.163)	5.39 (.212)	045	11.4 (.45)
3.81 (.150)	5.07 (.199)	3.81 (.150)	5.07 (.199)	5.59 (.220)	6.85 (.269)	5.40 (.213)	6.66 (.262)	050	12.7 (.50)
5.08 (.200)	6.34 (.249)	5.08 (.200)	6.34 (.249)	6.86 (.270)	8.12 (.319)	6.67 (.263)	7.93 (.312)	055	14.0 (.55)
6.35 (.250)	7.61 (.299)	6.35 (.250)	7.61 (.299)	8.13 (.320)	9.39 (.369)	7.94 (.313)	9.20 (.362)	060	15.2 (.60)
7.62 (.300)	8.88 (.349)	7.62 (.300)	8.88 (.349)	9.40 (.370)	10.66 (.419)	9.21 (.363)	10.47 (.412)	065	16.5 (.65)
8.89 (.350)	10.15 (.399)	8.89 (.350)	10.15 (.399)	10.67 (.420)	11.93 (.469)	10.48 (.413)	11.74 (.462)	070	17.8 (.70)
10.16 (.400)	11.42 (.449)	10.16 (.400)	11.42 (.449)	11.94 (.470)	13.20 (.519)	11.75 (.463)	13.01 (.512)	075	19.1 (.75)
11.43 (.450)	12.69 (.499)	11.43 (.450)	12.69 (.499)	13.21 (.520)	14.47 (.569)	13.02 (.513)	14.28 (.562)	080	20.3 (.80)
12.70 (.500)	13.96 (.549)	12.70 (.500)	13.96 (.549)	14.48 (.570)	15.74 (.619)	14.29 (.563)	15.55 (.612)	085	21.6 (.85)
13.97 (.550)	15.23 (.599)	13.97 (.550)	15.23 (.599)	15.75 (.620)	17.01 (.669)	15.56 (.613)	16.82 (.662)	090	22.9 (.90)
15.24 (.600)	16.50 (.649)	15.24 (.600)	16.50 (.649)	17.02 (.670)	18.28 (.719)	16.83 (.663)	18.09 (.712)	095	24.1 (.95)
16.51 (.650)	17.77 (.699)	16.51 (.650)	17.77 (.699)	18.29 (.720)	19.55 (.769)	18.10 (.713)	19.36 (.762)	100	25.4 (1.0)

Part Number Selection

H Head style
004 Slot recess
125 Wing
166 Hex recess
444 Slot recess knob

D1 - H - K - 030 SE

K Length
Enter number from selection table above

SE Self-ejecting
SE Self-ejecting assembly
Omit for standard stud only

www.southco.com/D1

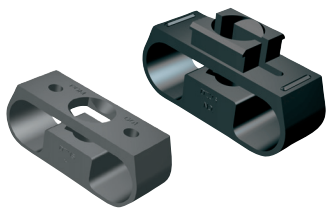
Dimensions in millimeters (inch) unless otherwise stated

DZUS® | southco®

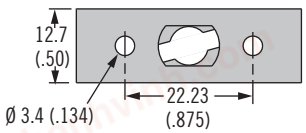
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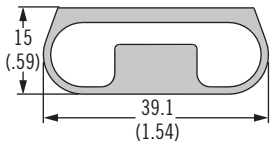
D1 *DZUS*® Dart Quarter-Turn Fasteners

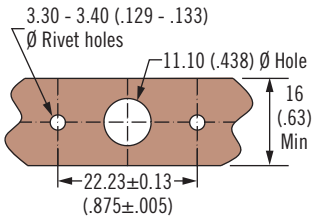
Receptacles, Acetal

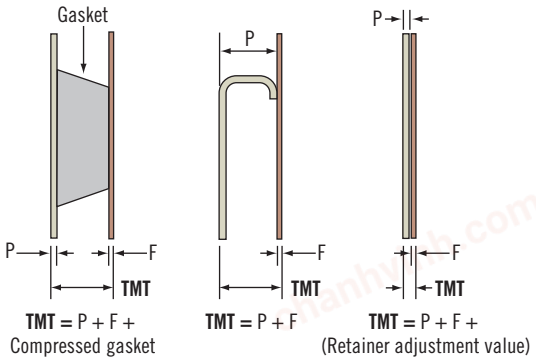


Rivet-On









ACTUAL SIZE

Part Number	Stud Selection Column
D1-004-001-010	A

Material and Finish

Acetal, black

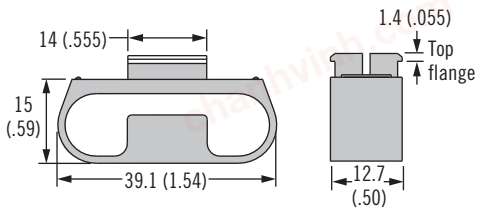
Notes

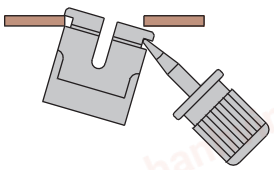
After selecting receptacle use stud selection letter **A** and follow instruction on page 474

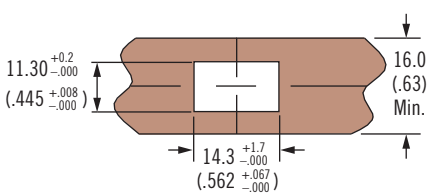
Part Number

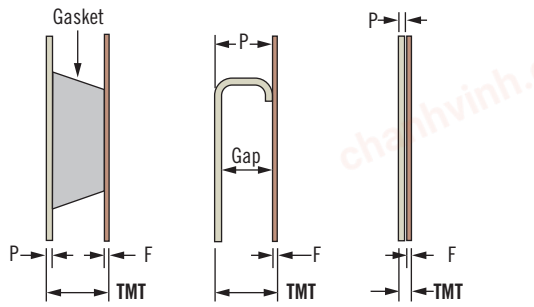
See table

Snap-In Back Load









ACTUAL SIZE

F Frame Thickness		Part Number	Stud Selection Column
Min.	Max.		
.90 (.035)	1.27 (.050)	D1-004-002-010	B
1.63 (.064)	2.00 (.080)	D1-004-003-010	
2.30 (.090)	2.64 (.104)	D1-004-004-010	
3.00 (.119)	3.40 (.135)	D1-004-005-010	
3.65 (.144)	4.00 (.158)	D1-004-006-010	

Material and Finish

Acetal black

Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 474

Part Number

See table

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D1 *DZUS*® Dart Quarter-Turn Fasteners

Receptacles, Acetal

Material and Finish

Acetal, black

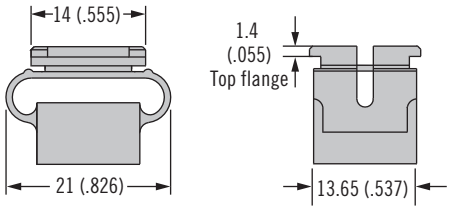
Part Number

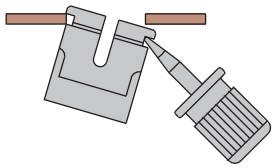
See table

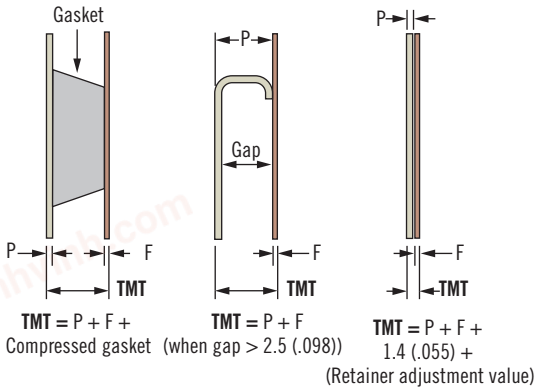
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 474

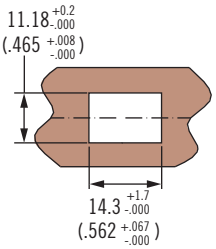
Mini Snap-In - Back Load







ACTUAL SIZE



F Frame Thickness		Part Number	Stud Selection Column
Min.	Max.		
0.81 (.032)	1.27 (.050)	D1-004-012-010	D
1.29 (.051)	2.54 (.100)	D1-004-013-010	

Material and Finish

Acetal, black

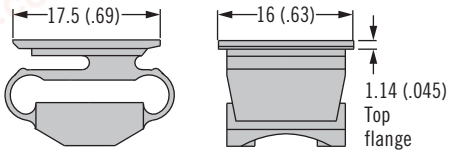
Part Number

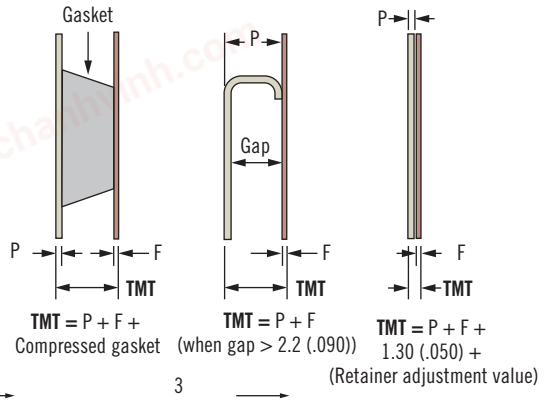
See table

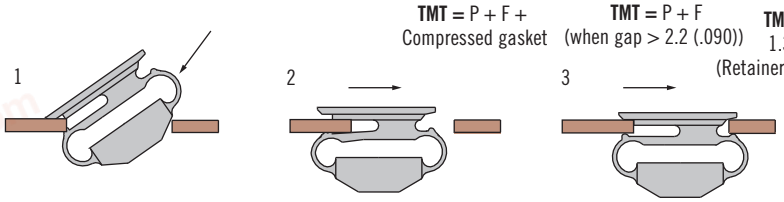
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 474

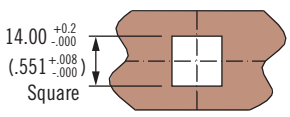
Mini Snap-In - Front Load







F Frame Thickness		Part Number	Stud Selection Column
Min.	Max.		
0.90 (.035)	1.25 (.049)	D1-004-911-010	D
1.30 (.051)	1.75 (.069)	D1-004-912-010	
1.80 (.071)	2.25 (.089)	D1-004-913-010	
2.30 (.091)	2.75 (.109)	D1-004-914-010	
2.80 (.111)	3.25 (.129)	D1-004-915-010	



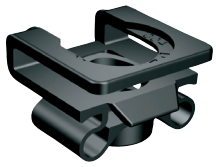
ACTUAL SIZE

Dimensions in millimeters (inch) unless otherwise stated

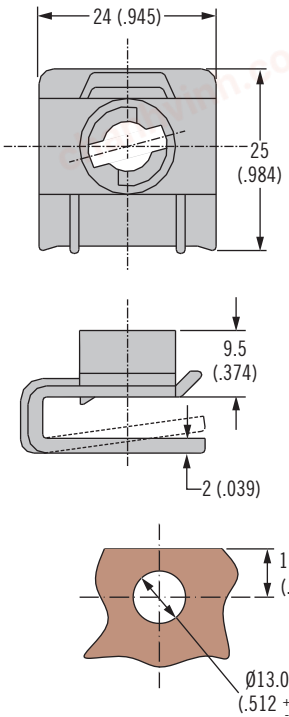
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D1 *DZUS*® Dart Quarter-Turn Fasteners

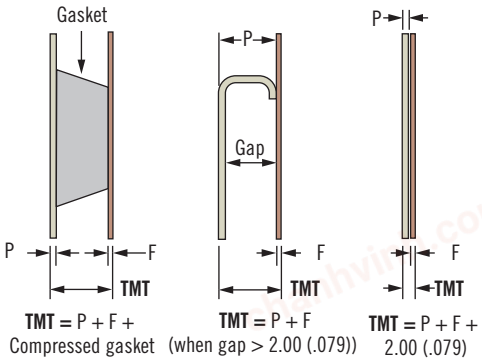
Receptacles · Retainers · Accessories



Clip-On



ACTUAL SIZE



F Frame Thickness		Part Number	Stud Selection Column
Min.	Max.		
0.70 (.027)	2.30 (.090)	D1-004-921-010	C
2.30 (.090)	3.90 (.153)	D1-004-922-010	
3.9 (.153)	5.5 (.217)	D1-004-923-010	

Material and Finish

Acetal, black

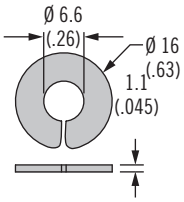
Part Number

See table

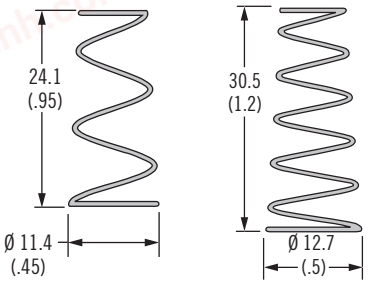
Notes

Utilize stud selection column indicated when choosing a stud length from the stud length table on page 474

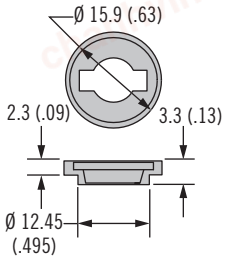
Retainer Split



Self-Ejecting Springs



Self-Ejecting Cup



Material and Finish

See table

Part Number

See table

Notes

Adjustment value:

When using accessories the components increase TMT

Add the adjustment value to your outer panel thickness (P) when calculating TMT (see page 435 for example)

Type	K Range	Part Number	Material	Adjustment Value
Retainer split	All	D1-004-000-010	Acetal, black	Add 1.1 (.045)
Self-ejecting springs	045 to 070	D1-X1135-2S	Stainless steel	Add 2.3 (.090)
Self-ejecting springs	075 to 100	D1-X1137-2S	Stainless steel	
Self-ejecting cup	All	D1-X1129	Acetal, black	