PUSH LOCK FASTENERS

G255FT Push Lock Fastener

Short Mini Button Resin Type

Features

- Shorter socket design increases usable enclosure space
- Insert plug into socket and push to lock/unlock
- No special tool is required for locking and unlocking
- Fast and easy installation/removal of panel

Notes

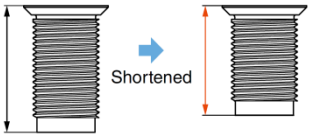
- Load applied directly to the body may cause damage
- Not compatible with **G255F** plugs and sockets



Compatible Aluminium Frame

Door	Frame
-	30×30mm 40×40mm

Groove Width
6mm 8mm 10mm

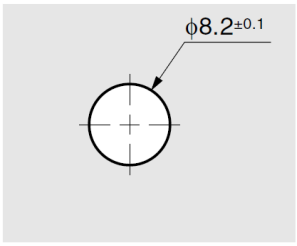


Installation Image



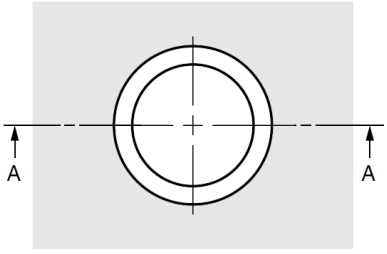
Panel Mounting Hole

· Specified Thickness for Drilling
T_1=0.8~4.8

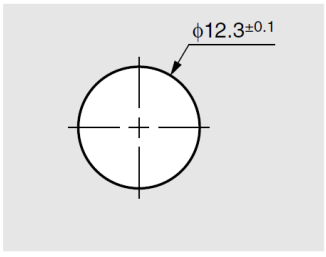


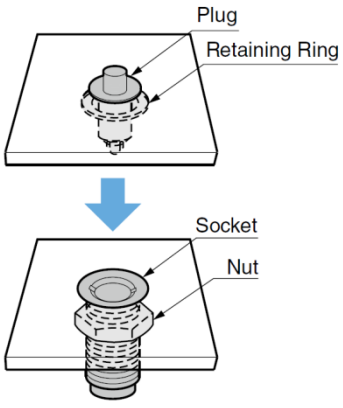
Housing/Frame Mounting Hole

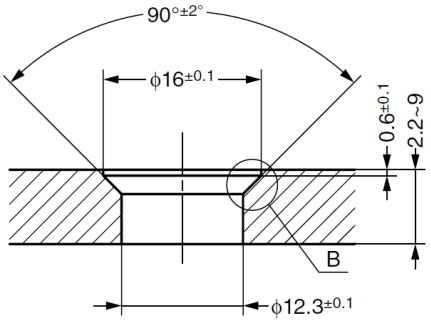
· Specified Thickness for Countersunk Drilling
T_2=2.2~9



· Specified Thickness for Drilling
Compatible Thickness T_2=0.8~7.5







Cross-section A-A

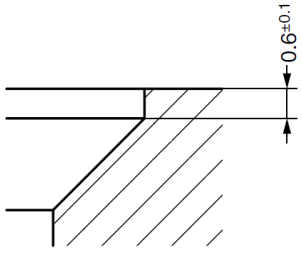
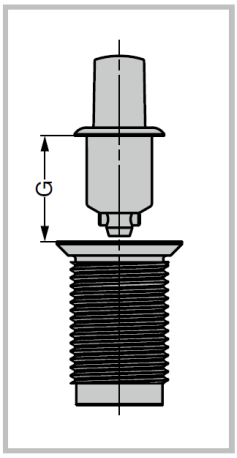


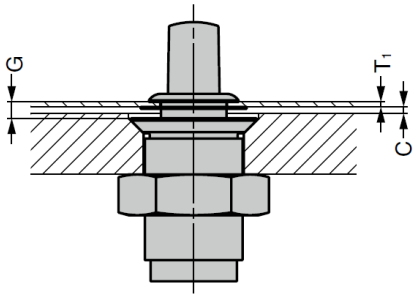
Diagram B

To Determine Grip Dimension G

Define the distance from the bottom of the plug flange to the top of the socket as Grip Dimension G.
Set grip dimension G to a value between 1.2 and 6.

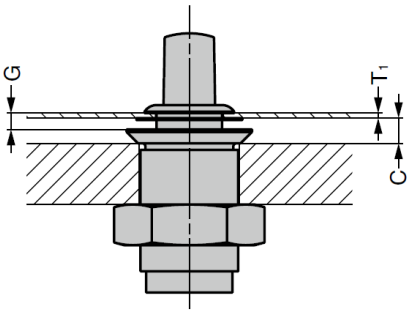


With Countersunk Hole



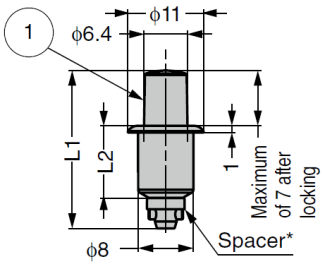
G=Panel Thickness T_1+Clearance C+0.7

Without Countersunk Hole

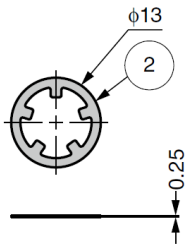


G=Panel Thickness T_1+Clearance C - 1.7
Clearance C must be 2.4 or above.

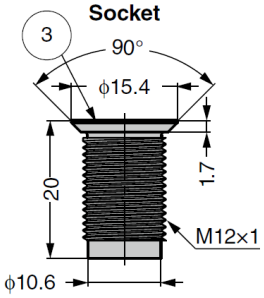
Plug



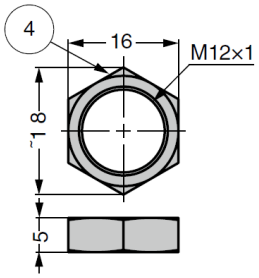
Retaining Ring



Socket



Nut



No.	Part Name	Material	Finish/Colour
①	Plug	Polyacetal (POM)	Black/White
②	Retaining Ring	Steel	Phosphate Coating
③	Socket	Polyacetal (POM)	Black/White
④	Nut		

Part No.	Plug Colour	Grip Dimension (G)	Plug Dimension (L)	Plug Dimension (L_2)	Load Capacity	
G255FT-12-BL	Black	1.2 ~ 2	22.1	10.5	147 N	15 kg
G255FT-12-WT	White					
G255FT-28-BL*	Black	2.8 ~ 3.6	22.9			
G255FT-28-WT*	White					
G255FT-36-BL	Black	3.6 ~ 5.2	24.5	12.9		
G255FT-36-WT	White					
G255FT-52-BL*	Black	5.2 ~ 6	25.3			
G255FT-52-WT*	White					

*Items include a spacer