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**MAK
FASTENER
SPECIALISTS
LTD**

Product Group 15 FAB-LOK

Fab-Lok® Bolt & Sleeve Fasteners: Maintain panel integrity in high-stress and high-vibration

Vibration, either from inside or outside a building, can make ordinary fasteners loosen and back out. Fab-Lok fasteners combine a slotted aluminium sleeve, EPDM washer and threaded fastener to provide high resistance to vibration loosening. Excellent for use with Composite panels.

Typical Applications:

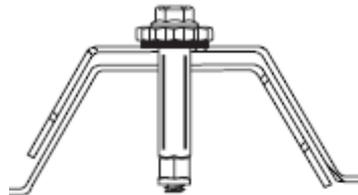
~ Metal panels to steel structures on buildings where heavy internal movement occurs from operating machinery or excessive external movement occurs from high winds, jet engines, etc.

~ Metal panels to steel structures on buildings subjected to high levels of expansion/contraction

~ Repairing separated metal panels

~ Blind-hole applications (e.g. attaching insulated panels)

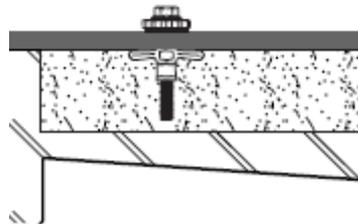
NOTE: Product not intended for structurally-loaded joints



Before Installation



After Installation



Features

~ Hex washer head machine screw assembled to a slotted aluminium sleeve and EPDM sealing washer

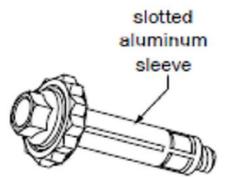
~ Low carbon steel or 300 series stainless steel screws

~ Hex head

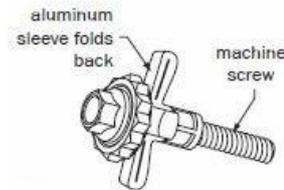
~ Material:
Screw: Low carbon steel or 300 series stainless steel. Sleeve: Aluminium

~ Finish: Zinc plating

~ Can be installed with standard drive tools or DeWalt drive tool equipped with Fab-Lok holding sleeve



Before Installation



After Installation

Benefits

~ After tightening, clamping tines remain in place even if screw is removed

~ Greater joint integrity

~ Increased construction efficiency

Selection Guide

Code	Description	Penetrating Length	Grip Range
Carbon Steel			
15-EZJ100	FAS-10-4	34mm	1.6mm - 6mm
15-EZJ120	FAS-10-8	40mm	6mm - 12mm
15-EZJ140	FAS-10-12	45mm	12mm - 19mm
H3 (300 Series) Stainless Steel			
15-EZJ210	FAC-10-4	34mm	1.6mm - 6mm
15-EZJ230	FAC-10-8	40mm	6mm - 12mm
15-EZJ250	FAC-10-12	45mm	12mm - 19mm
Fab-Lok Drive Tools*			
82-EZJ900	Holding Sleeve with Socket		
*Fab-Lok fastener is inserted into a 5/16" hole (hole size is not critical), then installed with a power driver equipped with a Fab-Lok holding sleeve, a socket designed to fit DeWalt® tools DW969K-2, DW968K-2, DW267, DW268 and DW269.			

Performance Data: Single Skin

Material Thickness	Pullout	Failure Mode
0.405mm	2.72 Kn	Sheet Split
0.511mm	3.70 Kn	Sheet Split
0.812mm	3.81 Kn	Sheet Split
1.024mm	4.67 Kn	Sheet Split
1.291mm	5.74 Kn	Sheet Split
1.628mm	6.22 Kn	Broken Fastener

Ultimate Shear Strength

Screw Material	
Carbon Steel	Stainless Steel
10.67 Kn	8.38 Kn