

ZAC® Tapping Fasteners

ZAC self-tapping fasteners:
A and AB milled point
For metal to metal

- Integral cupped Hex Washer Head configuration can never red rust.
- Designed for attaching both metal to wood and metal to metal.
- Milled points do not require a pre-drilled hole when attaching 26 and 24 gage metal to wood.

Application

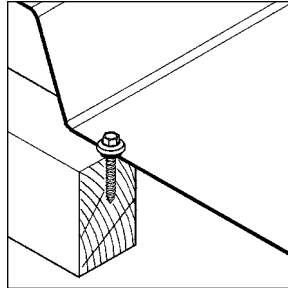
**1/4 -14 ZAC Type AB
Milled Point**

**Metal to wood
Metal to metal**

Self-Drilling Metal Thickness:
Sheet .018 – .030

Thickness is based on normal,
single or multiple material thickness
combined for total

Min depth penetration into the
wood sub structure: 1"



3/8" AF Zinc Aluminum Capped
Hex Washer Head
Thread Major Dia: .246 – .240
Thread Minor Dia: .192 – .185

Strength (lbs ult.):

Tensile: 3800
Torsional: 150 in-lbs
Shear: 2850

Pull-out (lbs ult.):

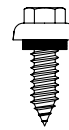
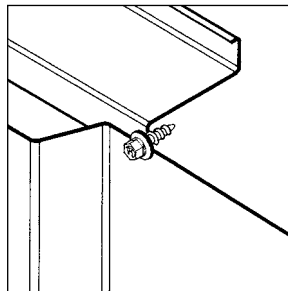
22 ga (.030): 379
24 ga (.024): 304
26 ga (.018): 204

**#17 Zac Type AB
Strip-out Repair**

Metal to metal

Repair fastener for stripped out
#14 Type A or 1/4" AB

Min projection: 3/8" of threads
below substrate



3/8 AF Hex Head
Thread Major Dia: .290 – .284
Thread Minor Dia: .220 – .214

Notes

Dimensions are nominal inches unless noted. When using Milled point fasteners for metal to metal see the tapping screw section for performance values. Pull-out values (pounds ultimate) are based on 57,000 psi hot rolled steel material. Lap self-drill pull-out values are based on 40,000 psi AZ55 Galvalume steel sheet material. Ultimate values listed are the result of laboratory testing. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

Selection

Length	Part No. 1/4-14 AB	Length	Part No. #17 AB
3/8" ZAC			
1"	A4395-FMF	17 x 1"	A6045-LFF
1-1/2"	A4485-FMF	17 x 1-1/2"	A6066-LFF
2"	A4513-FMF		
2-1/2"	A4510-FMF		

Installation

Tools: 0 – 1800 or 0 – 2000 rpm screwdriver equipped with depth sensing nosepiece.

Options

VistaCoat™



Painted

