AP Rivet

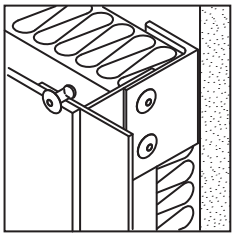
Fastening cladding panels to aluminum

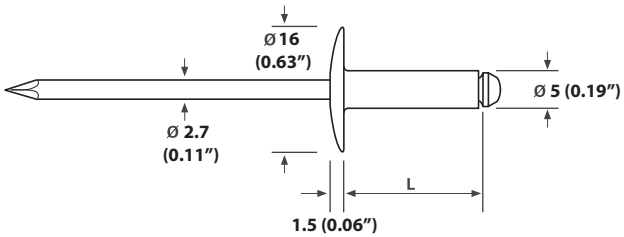
- **Can be used in assemblies of dissimilar materials, thick and thin, hard and soft, metal, composites and phenolic panels**
- **Good installed appearance**
- **Tamper resistant**
- **Won't loosen in high vibration and fatigue applications**
- **Reliable quality and repeatability of assembly**
- **No over-driving or under-driving**
- **Available painted to match any panel color**

Application

AP16 Rivet
Attach high-performance cladding panels to aluminum

Material:
Body: Aluminum AlMg5
Mandrel: Stainless Steel A3





Nom. Tensile: 3720 N (836 lbs.)
Nom: Shear: 2414 N (543 lbs.)

Pull-out Strength - Extruded Aluminum
AlMg 1.8mm (.071"): 2410 N (542 lbs)

Pull-out Strength - 33 KSI Yield Sheet Steel
22 ga. (030"): 1210 N (272 lbs.)
18 ga. (.048"): 2360 N (530 lbs.)

Notes

Dimensions are nominal unless noted. The specific job conditions should be considered and appropriate safety factors applied when specifyng the proper fasteners. Pull-out strength values obtained with 5.1 mm (0.201") pre-drill.

Selection

Description	Material No.	Code	Grip Range
5 x 16mm	914963	AP16-50160-S	8.0-12.0 mm (.324-.472")
5 x 18mm	870920	AP16-50180-S	9.5-13.5 mm (.374-.531")
5 x 21mm	994642	AP16-50210-S	12.5-16.5 mm (.492-.649")

Installation

5.1mm (0.201") pilot hole (#7) required in aluminum framework for fixed point. All other holes depend on material. Check the attachment method instructions provided by the cladding panel manufacturer.

Options

Painted