



- 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

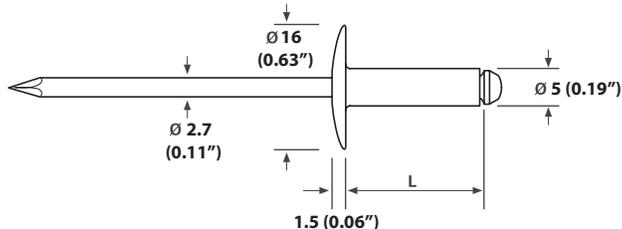
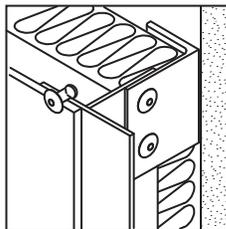
AP16 Rivet

Attach high-performance cladding panels to aluminum or steel sub-frames

Material:

Body: Aluminum AlMg5

Mandrel: Stainless Steel A3



Nom. Tensile: 3720 N (836 lbs.) Pull-out Strength - Extruded Aluminum
 Nom: Shear: 2414 N (543 lbs.) 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 specifying the proper fasteners.
 Pull-out strength values obtained with 5.1 mm (0.201\") pre-drill.

Selection

Description	Part No.	Global Code	Grip Range
5 X 16mm	0914963	AP16-50160-S	8.0-12.0 mm (.314-.472\")
5 X 18mm	0870920	AP16-50180-S	9.5-13.5 mm (.374-.531\")
5 X 21mm	0994642	AP16-50210-S	12.5-16.5 mm (.492-.649\")

Installation

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

