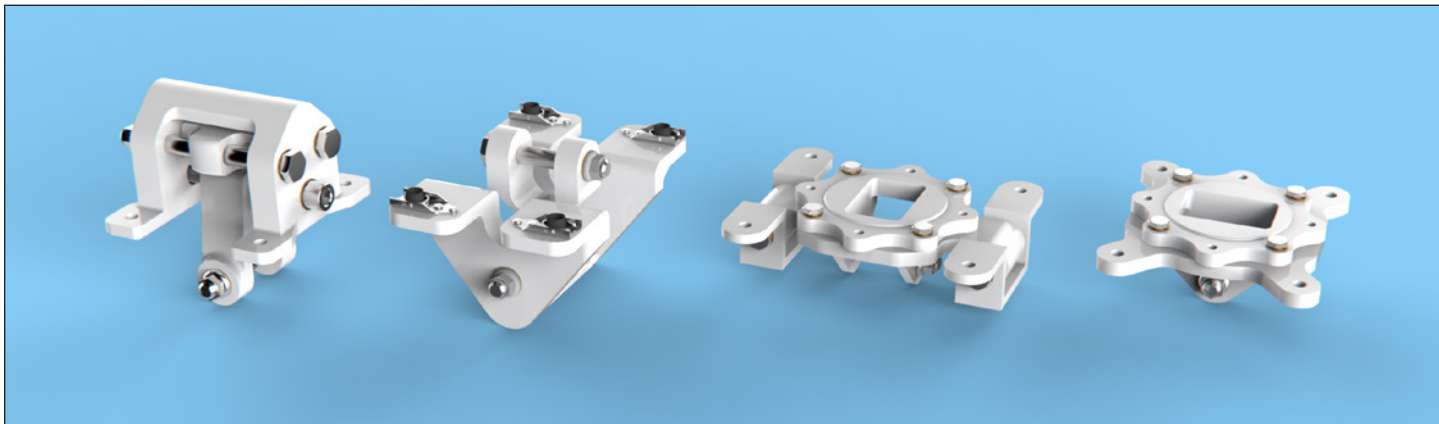


ARINC 791/792 Adjustable Fittings



CONSTRUCTION

Materials

- » 17-4PH stainless steel heat treated to H1150
- » Passivated per AMS2700
- » Primed using MIL-PRF-23377, Type I, Class N
- » Painted using MIL-PRF-85285, Type I, Class H (Gloss white)
- » RoHS & REACH compliant

Performance Standards

- » Substantiated to 4,000 lbs (at each fitting location)
- » ARINC 791 specified .375" fitting bolt

Patent No.:

- » US 10,640,194

FEATURES & BENEFITS

Function

- » Eliminates shimming and match drilling
- » Minimizes installation time
- » Reduces tools required for installation
- » Accommodates variations in AC-side fittings
- » Meets ARINC 791 slip requirements
- » Fail-safe design
- » CRES material eliminates bushings and galvanic corrosion

TESTED TO MEET THE FOLLOWING REQUIREMENTS

Operational Shock

- » RTCA/DO-160G Section 7.2.1: 6 g 11 ms terminal sawtooth (3 shocks in all 6 directions)

Crash Safety Impulse

- » RTCA/DO-160G Section 7.3.1: 20 g (1 shock in all 6 directions)

Crash Safety Sustained

- » RTCA/DO-160G section 7.3.3: 20 g (3 seconds minimum in all 6 directions)

Robust Vibration

- » RTCA/DO-160G section 8.7.2: Random Category R, Curve B3 and B4

High Power Short Duration Engine Imbalance

- » RTCA/DO-160G Section 8.6: Sinusoidal Category H, Curve R

Mechanical Endurance

- » 250 cycles minimum