



AMPHENOL CLAMPING SOLUTIONS

Why Weight?

Stop carrying around the extra baggage and save up to 55% of your metal clamp's weight by switching to Amphenol clamping solutions.



Key Features & Benefits

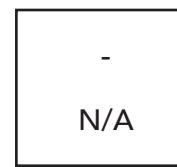
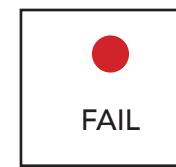
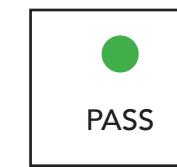
High Performance	Meets or exceeds industry standard test requirements with a high strength-to-weight ratio
Light Weight	Up to 55% weight savings compared to industry standard (i.e. MS21919) allowing for fuel savings and spare weight for extra system add-ons
Ease-of-Use	Self-locking features allow for quicker installation times, fewer injuries, and labor savings
Durability	Non-conductive & Non-corrosive to last up to the lifetime of the Aircraft
Reliability	Lean manufacturing with a strong history delivering over 4,000,000 clamps per year

CLAMP PERFORMANCE MATRIX

Amphenol Clamps vs. Military Test Requirements & Existing Military Clamps

In the matrix below, compare Amphenol's clamps (blue) against the industry standard metal clamps (red). Amphenol clamps are lighter weight, meet or exceed test requirements and offer a wide selection of materials for use in all harsh environments.

Matrix Key



Specifications		Amphenol Clamps for Military			Metal Clamps for Military			Mil-DTL-85052/5-16 ADEL 60000LDG	
		CC5516L	75P	85P	MS21919	M23190/4			
Materials	Clamp Band				Alu 2024-O 321 CRES 17-7PH CRES	Alu 2024-T42 321 CRES 17-7PH CRES	Alu 2024-T42 321 CRES		
	Cushion	Silicone	EPR Nitrile Chloroprene Silicone Fluorosilicone	Silicone Fluorosilicone	EPR Nitrile Chloroprene Silicone Fluorosilicone	EPR Chloroprene Silicone Fluorosilicone PTFE	EPR Nitrile Chloroprene Silicone Fluorosilicone PTFE		
Size Increments		inch	mm	inch	mm	inch	mm	inch	mm
		.039	1	.063	1.60	.094	2.39	.063	1.60
Ease of installation feature		Flexible Self-Locking	Flexible Self-Locking	Pre-Install Hinge w/ Detent Snaps Closed	None	Self Locking	Hinge Self Locking		
Stackable		●	●	●	●	●	●		
Weight vs Alu MS21919WD		- 55%	- 15%	- 10%	-	-	-		
Test Requirements	MS21919	●	●	●	●	-	-		
	M23190 M23190/4	●	●	●	-	●	-		
	MIL-DTL-85052/5-16 ADEL 60000LDG	●	●	●	-	-	-	●	
	RTCA DO-160	●	●	-	●	●	●	●	
	Airbus ABS1916	●	-	-	●	●	●	●	

AMPHENOL CLAMPS

Learn more about our Clamps on YouTube 

SOLARIS 75P CLAMP LUMINUS PEGASUS SNAP'N POST **85P CLAMP**

KEY FEATURES & BENEFITS



Pre-mounted clamps & tool free harness installation

- Faster installation

Amphenol Pcd

SOLARIS **75P CLAMP** LUMINUS PEGASUS SNAP'N POST 85P CLAMP

KEY FEATURES & BENEFITS



Locking Tab

- Clamp stays locked when closed

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Search: Amphenol Pcd 85P Clamp

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CC5516 Light Clamps

PRODUCT FOCUS



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