



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

PASS

FAIL

-

N/A


Specifications		Amphenol Clamps for Military						Metal Clamps for Military					
		CC5516L		75P		85P		MS21919		M23190/4		Mil-DTL-85052/5-/16 ADEL 60000LDG	
Materials	Clamp Band	 PEEK		 PEEK		 PEEK 30% GF		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 GF Fluorosilicone PTFE	
Size Increments		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
		.039	1	.063	1.60	.094	2.39	.063	1.60	.063	1.60	.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

Search: Amphenol Pcd 85P Clamp

[SOLARIS](#) **[75P CLAMP](#)** [LUMINUS](#) [PEGASUS](#) [SNAP'N POST](#) [85P CLAMP](#)

KEY FEATURES & BENEFITS



Locking Tab

- Clamp stays locked when closed

Amphenol Pcd

Search: Amphenol Pcd 75P Clamp

CC5516 Light Clamps

PRODUCT FOCUS



Search: Amphenol CC5516 Light Clamps

Amphenol Pcd
www.amphenolpcd.com

Randy Gautreaux | System Attachment Product Manager
rgautreaux@amphenolpcd.com | (978) 880-3212

Lauren Toye-O'Donnell | System Attachment Product Specialist
ltoyeodonnell@amphenolpcd.com | (978) 624-3511