

DILLON AERO

M134D
Suppressor



M134D

Suppressor (SD134)

The Dillon Aero M134D Minigun Suppressor (SD134) utilizes a new and innovative technology patented and developed by Centre Support Services.

Manufactured using additive DMLS technology, the SD134 gains the flexibility of interchangeable components while retaining the strength of monolithic construction on individual parts.

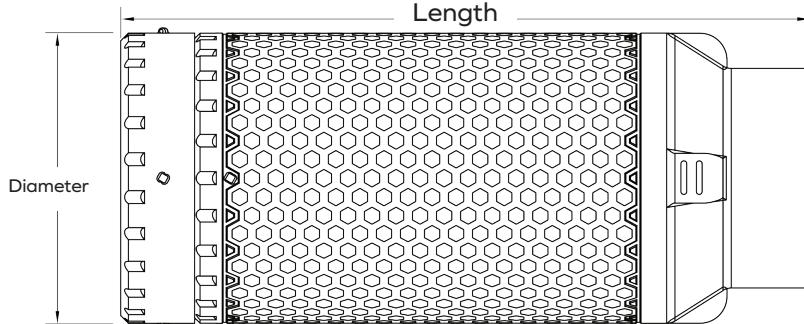
Each barrel is allocated their own dedicated suppressor tube within the monolithic core, while most of the muzzle gases are forced into a central chute and redistributed back to the outer body of the system after traveling the length of the body.

The SD134 employs patented purposefully induced porosity (PIP), a variable metal

foam structure that allows gas and pressure to bleed off in locations and at rates of our choosing. This allows a multitude of alternate flow routes for the excess of muzzle gases produced with the high firing rate of the M134D while not restricting exit vectors to out the muzzle or back through the weapon system.

This results in higher gas dwell time, lower back pressure, and superior levels of suppression. Attachment is achieved via external lefthand threading on a shortened barrel collar and secured in place with safety wire attachment points.

The core of the suppressor is indexed around the muzzle of each barrel for proper alignment. Currently constructed of Ti64 titanium, the SD134 weighs 9 lbs. (4kg); but the net increase to the entire M134D system is only 7.5 lbs. v(3.4kg) after machining the barrel collar.



Notes on Operation:

- Increased service interval from standard gun ie: 3,000 rnds for lubrication & 6,000 rnds for gun service.
- Schedule of fire off-time should be 3X on-time (ie: 2 sec. burst with 6 sec. cool time)
- No more than 6 sec. continuous burst without letting the gun cool to ambient.
- Core service interval at 6,000 rnds with a max core life of 18,000 rnds. (3 core service interval, w/ cleaning between)

Part No.	Material	Sound Reduction (dB)	Weight	Diameter (in) (mm)	Length** (in) (mm)
SD134	Titanium	-31dB(A)*	9 lbs (4kg)	4.75 120.25	11.3 288

*REFERENCE FOR SOUND REDUCTION:
Unsuppressed vs Suppressed 1 meter left of the muzzle; average across 50 rounds.

**Total increase 7.8 in. (198mm)



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