

HX-QD 556

PRODUCT SUMMARY

The HX-QD 556 utilizes a patented Flow-Through® design that moves the gases through the unit in a helical pattern that allows for expansion and cooling as they exit out the front. The torque generated by the exiting gases keeps the suppressor snug on the mount. The updated HX-QD 556 incorporates a new flash cap that virtually eliminates all flash. No tools are needed for installation or removal.

The HX-QD 556's Flow Through system does not increase back pressure (blowback) like a traditional baffle suppressor. This innovative technology produces heat at a lower rate than a traditional suppressor, and it does not increase toxic gas discharge. The HX-QD 556 does not increase bolt velocity (+/- 5%). Therefore, muzzle rise and recoil are managed, and there is no increase in weapon malfunctions.



WEIGHT:	17.3 oz / 490 g
OVERALL LENGTH:	6.67 in / 16.9 cm
LENGTH ADDED TO BARREL:	6.05 in / 15.4 cm
LENGTH ADDED TO MUZZLE DEVICE:	4.99 in / 12.7 cm
DIAMETER:	1.60 in / 4.06 cm
SOUND PRESSURE LEVEL:	Sub 140 dB at shooter's ear per TOP 3-2-045 Testing Methodology. Levels dependent upon weapon system, barrel length, ammunition, and environment.
BOLT VELOCITY:	1% from baseline with Muzzle Brake -QD (measured with 14.5" Daniel Defense w/XM193)
MAXIMUM EXTERNAL TEMPERATURE:	1238°F / 670°C (magazine 8 from Reliability Stress Test Firing Schedule in Table 1)
COATING:	C-Series Cerakote™ Matte Black (color options available)
MATERIALS UTILIZED:	17-4 Stainless Steel & Grade 5 Titanium
SERVICE LIFE:	20,000 rounds threshold with objective of 30,000 rounds, barrel length, firing table, maintenance schedule, and ammo dependent.
MAINTENANCE SCHEDULE:	Detailed cleaning should be performed every 3,000 rounds. Detailed cleaning will help ensure product performance and service life are not compromised.

TABLE 1: SOCOM Reliability Stress Test Firing Schedule

*MAG#	RATE OF FIRE
1	1 SHOT / SEC
2	2 SHOT / SEC
3	1 SHOT / SEC
4	3 TO 5 SHOT BURST
5	1 SHOT / SEC
6	2 SHOT / SEC
7	1 SHOT / SEC
8	30 SHOT BURST

*All Magazines are 30 rounds.

Magazines are shot in succession and system is cooled to 120 degrees Fahrenheit (48.90 Celsius) using forced air before proceeding onto next cycle. Weapon, magazines, and suppressor are not to be cleaned or maintained until testing is complete.

MUZZLE DEVICE OPTIONS

QD MUZZLE DEVICE SUMMARY

All HX-QD suppressor accessories utilize OSS's patented Torque Lock System®—a tool-less mounting system that ensures the QD suppressor is installed in the exact same position each time it is mounted. The HX-QD 556 Ti QD muzzle devices are capable of being installed and removed at the organizational level with a standard or adjustable wrench. QD muzzle devices serve as a mount for the HX-QD suppressors.

The Torque Lock System utilizes Flow-Through technology to effectively seal the suppressor as it seats against the tapered surface on the QD muzzle device, keeping the mounting surfaces free from carbon buildup.

Flash Hider-QD 556

WEIGHT:	3.3 oz / 105 g (1/2x28 thread pattern model weight)
OVERALL LENGTH:	2.3 in / 5.8 cm
LENGTH ADDED TO BARREL:	1.7 in / 4.3 cm
MATERIALS UTILIZED:	Heat treated 17-4 Stainless Steel
COATING:	Black nitride QPQ finish
DESCRIPTION:	A Flash Hider that reduces flash signature (up to 90%) and is a Quick Disconnect (QD) proprietary suppressor mount. Thread pattern: 1/2x28, other thread patterns available.



Muzzle Brake-QD 556

WEIGHT:	4.0 oz / 113 g (1/2x28 thread pattern model weight)
OVERALL LENGTH:	2.3 in / 5.8 cm
LENGTH ADDED TO BARREL:	1.7 in / 4.3 cm
MATERIALS UTILIZED:	Heat treated 17-4 Stainless Steel
COATING:	Black nitride QPQ finish
DESCRIPTION:	A muzzle brake that greatly reduces recoil and muzzle rise (up to 64%) and is a Quick Disconnect (QD) proprietary suppressor mount. Thread pattern: 1/2x28, other thread patterns available.

