



## Armor Piercing Hard Core (AP-HC)

<b>Application</b>	Cartridges loaded with this type of projectile have the same use as AP M2, but more efficient. This projectile perforates a plate made of SAE 1040, 1045, or similar steel, with a thickness of 22mm and Brinell hardness of 415, placed at 550m from the gun muzzle, mounted in a impact angle of 90° to the projectile trajectory, i.e., perpendicular to the projectile trajectory.
<b>Weapons</b>	M85, Browning M2HB and M2QCB machine-guns.

<b>Cartridge case</b>	Brass 70/30
<b>Primer</b>	Percussion primer. Boxer type.
<b>Propellant</b>	Single or double base.

<b>Cartridge length (mm)</b>	137.8
<b>Cartridge weight (g)</b>	123.0
<b>Projectile weight (g)</b>	49.3
<b>Velocity at 24m (m/s)-(ft/s) <sup>(1)</sup></b>	830-2720
<b>Action time (ms) <sup>(1)</sup></b>	≤ 4.5

(1) Temperature: 21°C (70°F); Test barrel length: 914mm (36")



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