



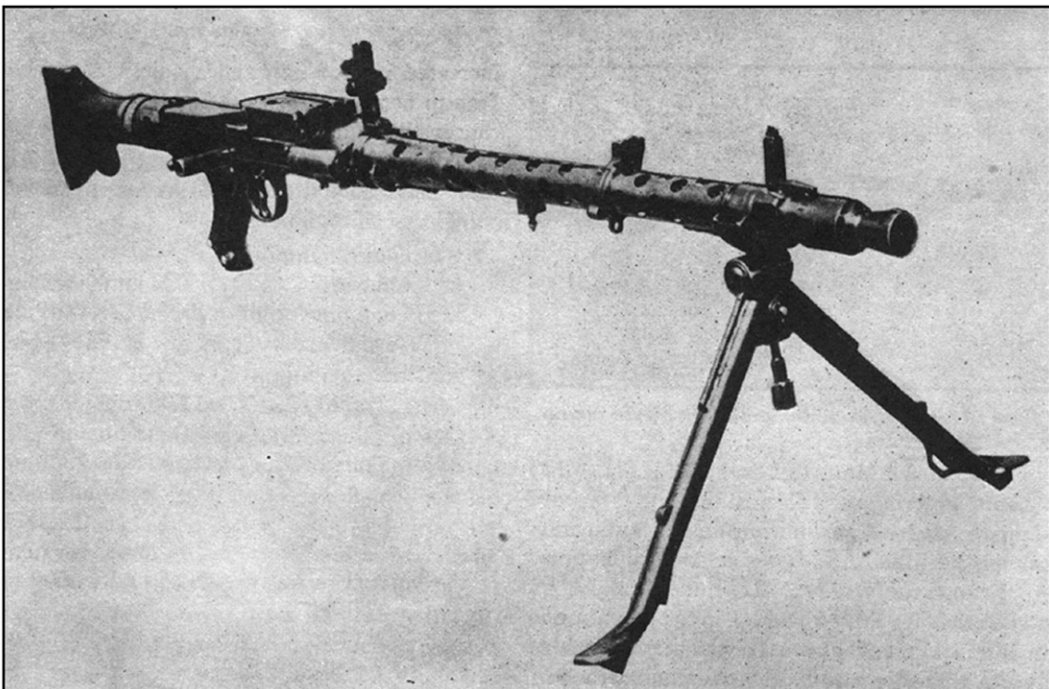
## The German M.G. 34

a. MODEL 34 MACHINE GUN (*M.G. 34*). (1) *General description.* This weapon (*Figs. 12 and 13*) was the original standard German dual-purpose machine gun and is still used, although it has been replaced largely by the *M.G. 42*. (*M.G.* is the German abbreviation for *Maschinengewehr*, which means "machine gun".) It may be used on a bipod, on single or dual AA mounts, or mounted on a tripod as a heavy machine gun. It still is used as the subsidiary armament of all German tanks. It is operated by short recoil, assisted by muzzle blast, and has a standard Solothurn-type breech mechanism. The gun has a leaf rear sight graduated from 200 to 2,000 meters (219 to 2,190 yards), an AA ring sight, and an optical sight for use with the tripod mount. It is fed either by 50-round metallic-link belts, which may be connected together, or by drums. The <sup>(continued)</sup>s air-cooled by a perforated barrel jacket.

### (2) Characteristics.

Caliber . . . . .	7.92 mm (0.312 inch).
Length, over-all . . . . .	48 inches.
Weight with bipod . . . . .	26½ pounds.
Weight with tripod . . . . .	42 pounds.
Feed . . . . .	Belt or drum.
Rate of fire	
(cyclic) . . . . .	900 rounds per minute.
(practical) . . . . .	As LMG 100 to 120 rounds per minute.
	As Hv MG 300 rounds per minute.
Effective range. . . . .	As LMG 600 to 800 yards.
	As Hv MG 2,000 to 2,500 yards.

(3) *Ammunition.* The *M.G. 34* fires 7.92-mm rimless small-arms ammunition.



*-M.G. 34, caliber 7.92 mm, on bipod mount as light machine gun.*



*M.G. 34, caliber 7.92 mm, on tripod mount as heavy machine gun.*