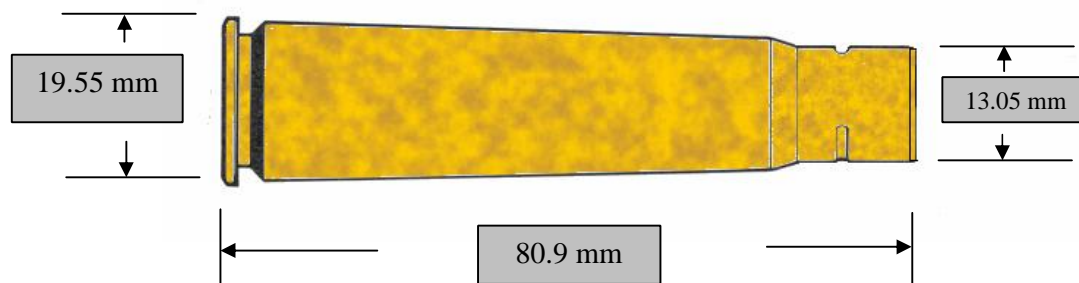


## 12.7 x 81SR

This cartridge was introduced in the late 1930s for heavy aircraft machine guns and it remained in service until the end of WWII. Italy, Spain, Hungary and Japan used it and Britain manufactured it for export. The original cartridge was the British .50 Vickers V/565. The Italian and Japanese cartridges were interchangeable but the British version isn't interchangeable with any other 12.7mm.

The Japanese copied this cartridge from the Italians and their original ammunition supplies were Italian.



### ITALIAN VARIATIONS.

This cartridge was used in a BREDA aircraft machine gun.

Tracer with red tip

Armour piercing with green tip

Armour piercing/ Tracer/ Incendiary. Stepped boattail projectile with white tip.

Armour piercing/ Incendiary with red tip and red primer annulus.

Incendiary/ Tracer with blue painted projectile.

Observation two piece projectile with blue tip.

Explosive fuzed projectile with red tip.

Explosive/Tracer/Incendiary fuzed projectile with yellow painted projectile.

### JAPANESE VARIATIONS.

This cartridge was used in the Type 1 and HO 103 machine guns.

Ball with red case mouth seal.

Tracer with green case mouth seal.

Armour piercing with green over white case mouth seal.

Armour piercing/ Tracer with black case mouth seal.

Incendiary flat tipped projectile with red case mouth seal.

Explosive fused projectile with white case mouth seal.

Explosive/ Tracer fused projectile with blue and red case mouth seal.

### SPANISH VARIATIONS.

Ball steel jacket with cupro-nickel wash.

Tracer with red tip.

Blank rose crimped case mouth.

Dummy nickel plated case with hollow projectile.



12.7 x 81 British Vickers linked belt.



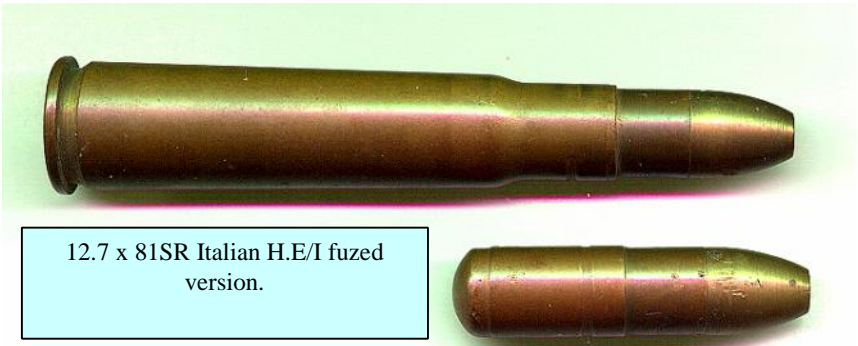
12.7 x 81SR Japanese. Left to right, Tracer, HE/I fuzeless and HE/I fuzeless.



12.7 x 81SR Japanese linked belt from crashed Zero Darwin 1942.



12.7 x 81 British Drill and Ball comparison.



12.7 x 81SR Italian H.E/I fuzed version.



12.7 x 81SR Italian. Top Armour Piercing, bottom Armour Piercing Incendiary Tracer.

**HEADSTAMPS**



British Mk 2Z ball  
made by Royal  
Laboratories.



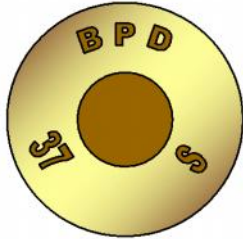
British Mk 1 Drill  
also by Royal  
Laboratories.



British Ball made  
by Kynock.



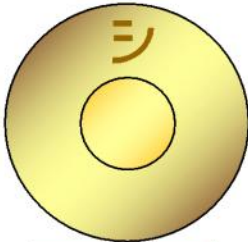
British Mk 1  
practice ball.



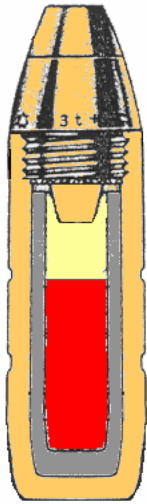
Italian HE. Marked  
with "S" for Scoppianti



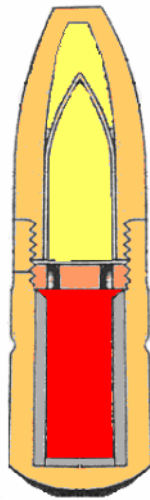
Italian Armour  
Piercing.



Japanese  
Tracer.



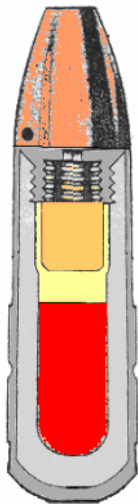
Japanese HE/I.



Japanese HE/I fuzeless.



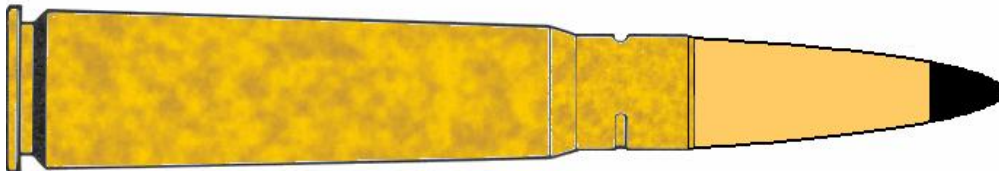
Japanese AP/T



Italian HE/I.

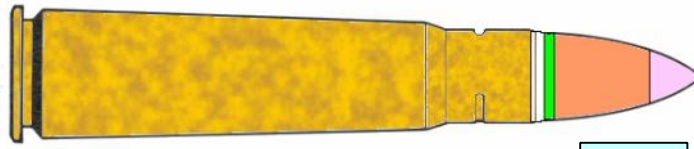


Italian  
API/T

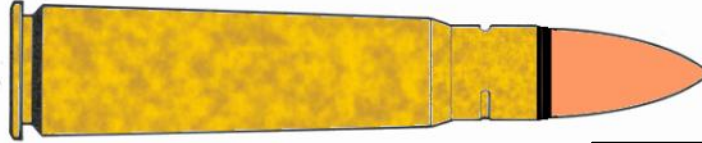


AP?

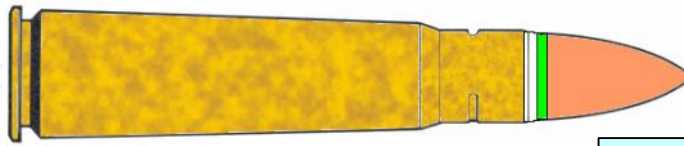
COLOUR CODES USED ON JAPANESE  
12.7 x 81SR



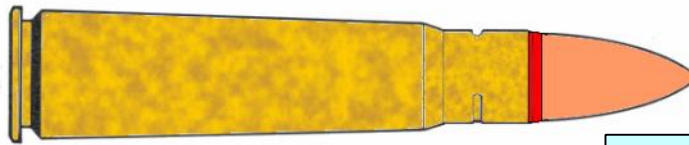
AP/T



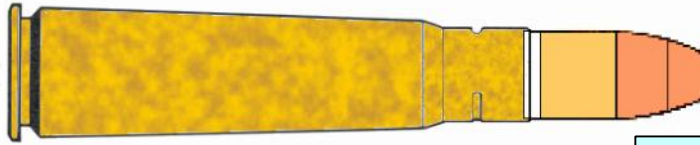
AP/T



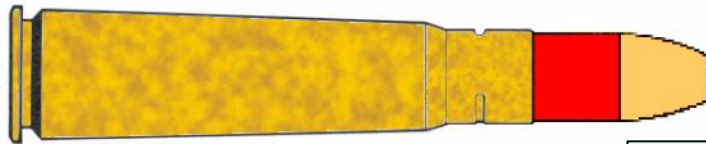
AP/T



BALL



HE/I



HE/I

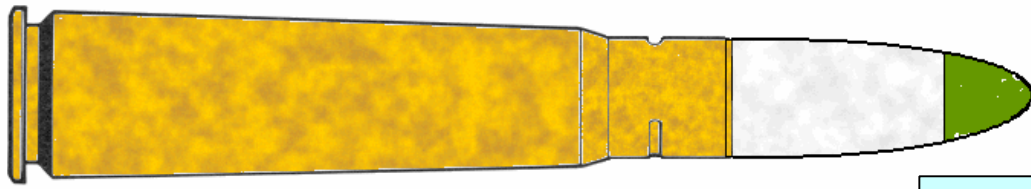


HE/I

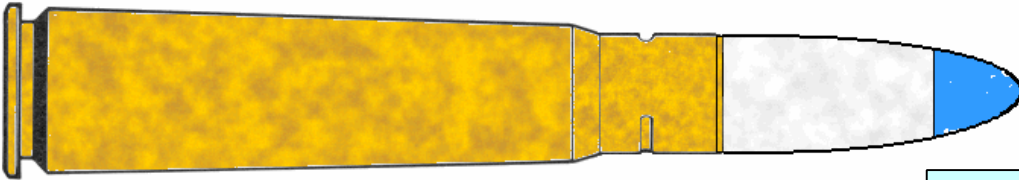


HE/I

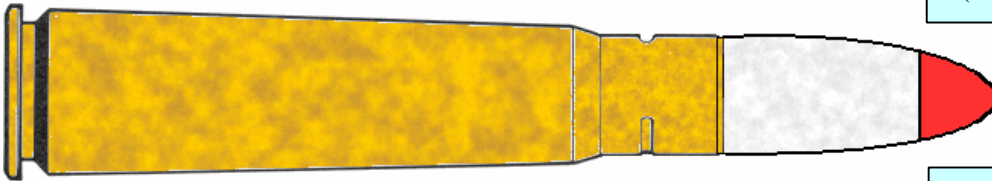
COLOUR CODES USED ON ITALIAN  
12.7x81SR



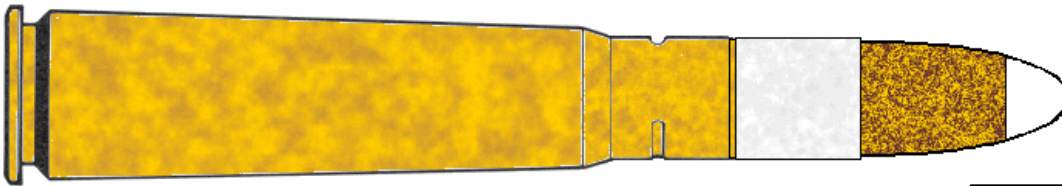
AP



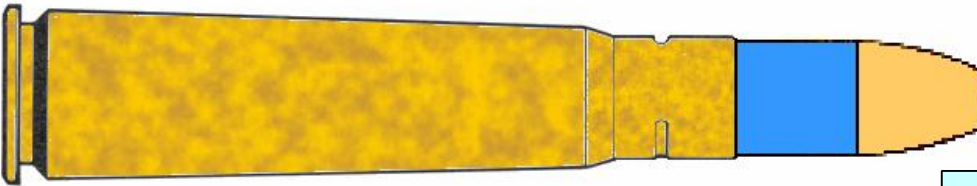
INC  
(PHOS)



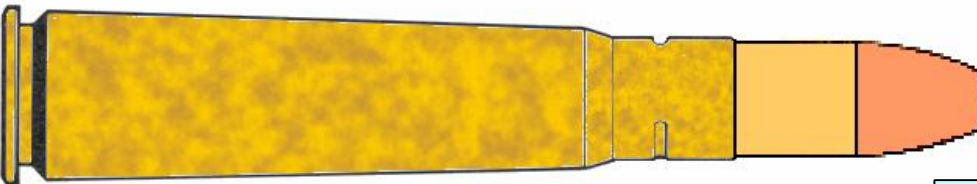
TRACER



AP/I



INC/T  
(THERMITE)



INC/T  
(THERMITE)

