.577 Snider

(From Left to Right): A .577 Snider cartridge, a Zulu War-era rolled brass foil .577/450 Martini-Henry Cartridge, a later drawn brass .577/450 Martini-Henry cartridge, and a .303 British Mk VII SAA Ball cartridge

Type	military
Place of origin	Britain
Service history	
Used by	British
Production history	
Produced	1867
Specifications	
Bullet diameter	.570 in (14.5 mm)
Neck diameter	.602 in (15.3 mm)
Base diameter	.660 in (16.8 mm)
Rim diameter	.747 in (19.0 mm)
Rim thickness	.065 in (1.7 mm)
Case length	2.0 in (51 mm)
Overall length	2.45 in (62 mm)

Ballistic performance

Bullet weight/type	Velocity	Energy
450 gr (29 g) lead	1,300 ft/s (400 m/s)	1,689 ft·lbf (2,290 J)

Source: The Handloader's Manual of Cartridge Conversions, *Book by John J. Donnelly, Stoeger Publishing, 1987, ISBN 978-0883172698 p. 686*

.577/450 Martini-Henry

(From Left to Right): A .577 Snider cartridge, a Zulu War-era rolled-brass-foil .577/450 Martini-Henry Cartridge, a later drawn-brass .577/450 Martini-Henry cartridge, and a .303 British Mk VII SAA Ball cartridge.

Type	Military
Place of origin	United Kingdom
Service history	
Used by	British Empire
Wars	Anglo-Zulu War
Production history	
Designed	1871
Variants	11.43 x 60R (61R)
Specifications	
Parent case	.577 Snider
Bullet diameter	.455 in (11.6 mm)
Neck diameter	.487 in (12.4 mm)
Shoulder diameter	.628 in (16.0 mm)
Base diameter	.668 in (17.0 mm)
Rim diameter	.746 in (18.9 mm)
Rim thickness	.06 in (1.5 mm)
Case length	2.34 in (59 mm)
Overall length	3.12 in (79 mm)

Ballistic performance

Bullet weight/type	Velocity	Energy
400 gr (26 g) lead	1,450 ft/s (440 m/s)	1,868 ft·lbf (2,533 J)
480 gr (31 g) lead	1,350 ft/s (410 m/s)	1,943 ft·lbf (2,634 J)

CARTRIDGE S.A.BALL B.L. MARTINI-HENRY ARM.

III.

5 2 cm.

Fig.19.

Fig.20.

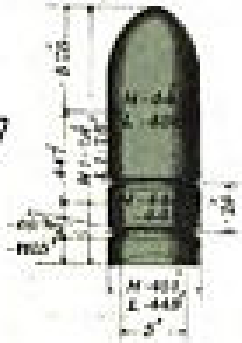


Fig.21.

Fig.22.

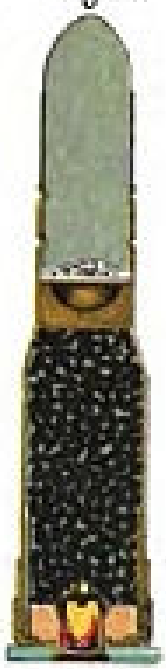
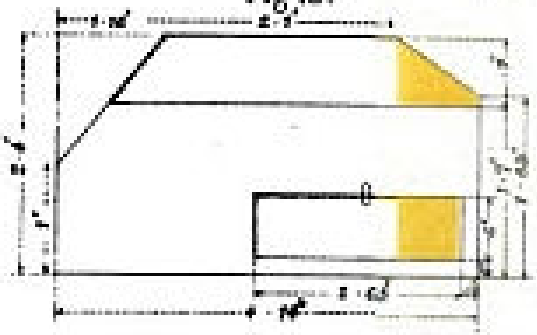


Fig.12.



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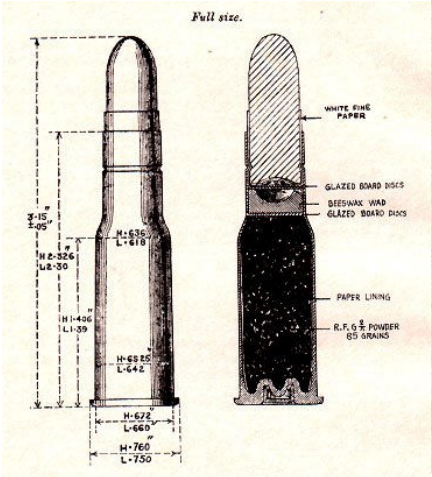

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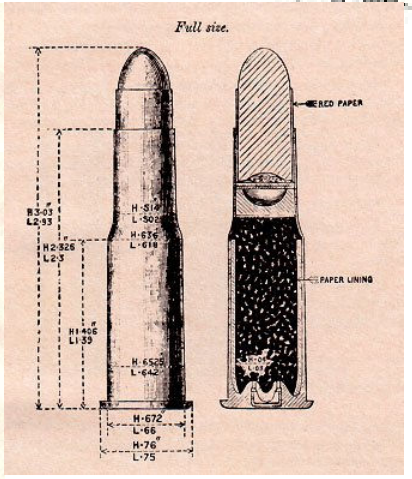

4756—Cartridge, S.A. Ball, B.L. for Martini-Henry Rifle, .45-inch only 9 Jun 1885

Solid drawn case.

A supply of cartridges of this description has been ordered for immediate issue to Egypt for use with the Martini-Henry rifle only.

The case is made of solid drawn brass, with a cap chamber formed in the base, as shown in the woodcut. The bullet is made of an alloy of 12 parts of lead and one part tin; it is covered as high as the shoulder with fine white paper.

A wad of cotton wool is placed on the top of the powder, then a long wad of beeswax, with one glazed board disc at the lower end and two at the upper. The bullet is secured in the case by choking the latter into a cannelure in the bullet.

Weight of bullet	480 grs.
Weight of charge	85 grs.
Weight of one cartridge complete	825 grs.
Weight of one bundle of cartridges	1 lb. $3\frac{1}{16}$ ozs.

A small-arm ammunition box will contain 580 rounds of this ammunition, and will weigh, when filled, about 80 lb. 8 ozs.