



Technical description of cartridge 9 x 19 mm Parabellum with FMJ bullet

The 9 mm Parabellum ball ammunition was developed from Hirtenberger for shooting in pistols and submachine guns and is used by military and police forces as well as by sports shooters. In the meantime more than 800 milion pieces of this ammunition type was produced at Hirtenberger AG.

Bullet weight:	8,0 g (123 grs.)	Balistic data:	
Bullet material:	Bullet jacket – St4, gilding metal clad (CuZn10). Heavy metal free type-closing Bullet core – Lead with antimony admixture	Velocity (V_{10}):	380 ± 15 m/s (barrel length 200 mm)
		Pressure:	≤ 2600 bar (copper crusher)
Case:	Brass CuZn 30, for Boxer primer	Precision: (25 m):	Height + Width ≤ 10 cm
Primer:	Boxer primer, priming composition "Antikorrid®" – rust-proof and erosion resisting or heavy metal free-without lead, barium and antimony		

