



БПЗ Barnaul

АО «БАРНАУЛЬСКИЙ ПАТРОННЫЙ ЗАВОД»
"BARNAUL CARTRIDGE PLANT" JSC

ПАТРОНЫ БОЕВЫЕ MILITARY AMMUNITION

ВРЕМЯ СИЛЬНЫХ

History of the plant

The history of the plant goes back to distant past, when by the order of Emperor Alexander II in 1869 one of the first cartridge plants was established in Russia. During the Civil War the enterprise was moved to the city of Podolsk near Moscow.

With the outbreak of the Great Patriotic War in 1941, the government of USSR made a decision to evacuate three enterprises from European part of Russia to Barnaul. These are defense plants from Podolsk, Voroshilovgrad (Lugansk) and Moscow, on the basis of which «Plant №17» for the production of cartridges for small arms was established.

The first evacuation troop train with equipment, tools, materials and technologies arrived in Barnaul on September 5, 1941. And already on November 24, 1941 the first batch of ammunition was produced. This date is considered to be the date of birth of the plant in Altay.

Hard work done in a short period of time made it possible to supply troops with cartridges.

For heroic service in the rear, at the end of the War, 9299 employees, engineers and technicians (ET) of the plant were awarded the medal «For Valorous Labour in the Great Patriotic War 1941-1945». And plant №17 was awarded the Order of Lenin and the Red Banner of CPSU (b) and State Defense Committee for eternal storage.

With the end of the War the conversion of production began at the plant. The civilian range of products was manufactured for different sectors of industry and agriculture.

Since 1953 a new stage began in the development of cartridge production. The plant launched automatic rotor lines, which were used in the production of cartridges. In such a way the plant reached a new level of output, quality and product range.

In the 1990s many types of hunting cartridges were developed and put into production, in particular 223 Rem., 308 Win. and 30-06 Spring. The production of pistol, traumatic and shotgun cartridges was also developed. And participation in international exhibitions and establishing direct contacts allowed starting foreign sales.

In 2000, for the first time, the plant was certified according to the international quality management system of production ISO, in the Russian version GOST-R ISO, which expanded the possibilities to do business with partners in the country and abroad.

The plant entered into the 21st century having a status of one of the leading enterprises in the industry and remains it so far. One of the components of success is a well-thought-out marketing and sales systems which has reached a new level of organization and customer communication.

9x18

Пистолетный
боевой патрон
pistol military cartridge



Индекс / Index	57-H-181C / 57-N-181S	
Обозначение / Designation	57-H-181C.000 / 57-N-181S.000	57-H-181C.000-01 / 57-N-181S.000-01
Тип пули / Bullet type	Пуля со стальным сердечником / Steel core bullet	
Тип гильзы / Case type	Биметаллическая / Bimetal	Стальная лакированная / Steel lacquered
Масса пули, г (гр) / Bullet weight, g (gr)	5,75 - 6,15 / 89-95	
Скорость полёта пули, V ₂₅ ср., м/с (*) / Bullet velocity, V ₂₅ avg., m/s (*)	V ₀ ср = 290-315	
Макс. давление P _{max} не более, МПа (кгс/см ²) (*) / Max. pressure P _{max} not more, MPa(kgf/cm ²) (*)	Наиб. P _{max} / highest P _{max}	137, 3 (1400)
	Ср. P _{max} / avg. P _{max}	117,7 (1200)
Кучность стрельбы R ₅₀ ср. на дальности 25м, не более, см (*) / Fire grouping R ₅₀ avg. at 100m, max, cm (*)	3,2	
Длина патрона, мм / Cartridge length, mm	24,40 - 25,00	
Масса патрона, г (гр) / Cartridge Weight, g (gr)	9,26-10,07 (143-155)	
Срок годности, лет / Expiration date, years	25	

(*) — данные для баллистического оружия
data for ballistic barrel

(**) — нормы вместительности указаны на стр. 18
capacity norms can be found on page 18