

A gun has a barrel with threading with varying pitch. A case with charging chamber is installed with possibility of its change in a breech ring. The breech ring has respective threading with constant pitch and trough. The breech ring has gate with wedge, extraction mechanism, this includes extractors with tongues. The barrel is arranged in such way that respective length of its charging chamber is related to caliber by relation  $L = a_1 d + b_1$ , where  $L = L/d$ ,  $L$  – length of charging chamber (mm),  $d$  – caliber (mm),  $a_1$  – coefficient equal to 0.015...0.021 (1/mm),  $b_1$  – coefficient equal to 2.5...3, besides that, value of current pitch of barrel threading is determined by dependence  $t_1 = t + \alpha t/d$ , where  $t_1$  – pitch of current turn  $t$  – pitch of previous turn,  $d$  – caliber (mm),  $\alpha$  – coefficient equal to 0.002...0.0025 (mm). The trough is made fragile, and the tongues of the extractors are spring-loaded along the axis of the extractors.