

Title: PROJECTILE OR WARHEAD**Abstract**

A projectile or warhead for combating armoured targets has a material (1) with practically no terminal-ballistic effect as an expanding medium radially enveloped by an outer body made of a penetration material (2) with a distinctly higher terminal-ballistic effect. The expanding medium (1) may be made of light metal, duro- or thermoplastic material, fibre-reinforced plastic, elastomeric material or a dense and dynamically soft metal. The expanding medium (1) may further contain substances with a pyrophoric and/or explosive effect, possibly as a powder or liquid. Strips (20) or other bodies (21, 24, 25) may be embedded in the expanding medium. The outer body (2) may be made of high-density sintered metal, of a brittle material or of very hard steel. The outer body may give rise to fragments. A massive penetrator (6) or a plurality of penetrators (26) may be arranged at the centre of the expanding medium. The projectile has a nose (38, 41) and is spin-stabilized or aerodynamically stabilized as a full-calibre projectile or as a subcalibre discarding sabot projectile. The projectiles may be expelled from dispensers. The projectile or warhead may be mounted on guided or unguided missiles.

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