

## **History of shaped charge effect studies in Bauman Moscow State Technical University**

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*The article analyses scientific investigations of the shaped charge effect. It lists the scientists who work or worked at the munitions department of Bauman Moscow State Technical University and contributed significantly to the development of theoretical and applied methods of increasing shaped charge efficiency for both military and civilian purposes. We present the most important and original scientific investigations concerning the shaped charge effect, numerical simulation of shaped charge problems, post-penetration effect of shaped charges, effects of underwater shaped charge explosion and controlling the shaped charge effect by means of electromagnetic forces and heating of the shaped charge liner. We provide a list of fundamental scientific publications dealing with these issues. We state priority directions for research in the immediate future.*

**Keywords:** *shaped-charge effect, shaped charge, shaped charge liner, shaped charge jet, shaped-charge effect, numerical simulation*

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