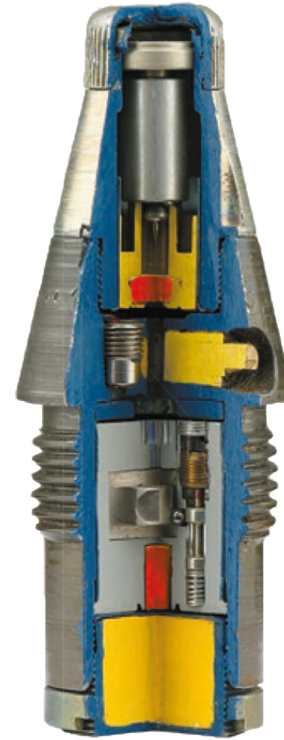


# KZ-88M Impact Fuze

KZ-88M is an artillery nose fuze. KZ-88M fuze represents an equivalent substitution of RGM-2 fuze and its modifications. It is designed for firing of high-explosive ammunition of the calibers of 100 mm, 122 mm and 152 mm from TK54 tank cannon, 100 mm K53 cannon, and 122 mm ShH 2S1, 122 mm HD30, 122 mm M30, 152 mm D30 and 152 ShKH vz. 77 howitzers. The fuze is mechanical with safety and arming device. KZ-88M fuze enables superquick (SQ) or delay functions. The fuze has two safety features preventing an unintentional arming, which action is derived from two various influences of the environment acting on the fuze during the firing phase as per STANAG 4187, Edition 3. External contour and dimensions of the fuze comply with STANAG 2916, Edition 2.

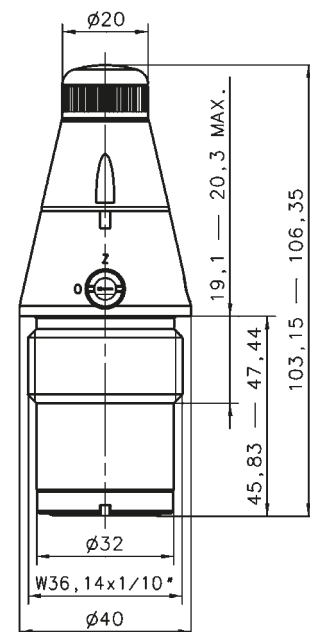
The safety of KZ-88M fuzes was tested in accordance with STANAG 4157, Edition 2 with application of test methods as per AOP-20 Edition 1:

- jolt (A1)
- jumble (A2)
- 12 m drop (A3)
- 1,5 m drop (A4)
- handling (A5)
- transportation vibration (B1, B2)
- salt fog (C3)
- waterproofness (C4)
- fungal growth (C5)
- thermal shock (C7)
- dust (C9)
- solar radiation (10)
- detonator safety test (D1)
- fuze arming distance (D2)
- explosive element output (D4)



## Technical Specifications of KZ-88M

Type .....	<i>nose impact fuze with superquick or delay function with two safety features</i>
Equivalent substitution .....	<i>of RGM-2 fuze and its modifications</i>
Caliber of projectiles .....	<i>100, 122 and 152 mm</i>
Ammunition .....	<i>high-explosive</i>
Fuze arming distance .....	<i>min. 80 m</i>
<b>Conditions for fuze arming:</b>	
Acceleration .....	<i>min. 835 g</i>
Minimum spin .....	<i>2400 rpm</i>
Time of delay function .....	<i>0,05 s</i>
Relay charge NP-D .....	<i>0,212 g</i>
Booster NP10 .....	<i>10 g</i>
Height of safe drop .....	<i>12 m</i>
Weight .....	<i>409 g</i>
External dimensions .....	<i>as per STANAG 2916, Ed. 2</i>
Length .....	<i>105,71 mm</i>
Diameter .....	<i>φ 40 mm</i>
Intrision .....	<i>47,4 mm</i>
Thread .....	<i>SpW 36,18 x 1/10"</i>
Operational temperature range .....	<i>- 50 °C to + 55 °C</i>
Storage temperature range .....	<i>- 54 °C to + 55 °C.</i>
Design requirements .....	<i>as per STANAG 4187, Ed. 3</i>
Safety assessment .....	<i>as per STANAG 4157, Ed. 2</i>





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