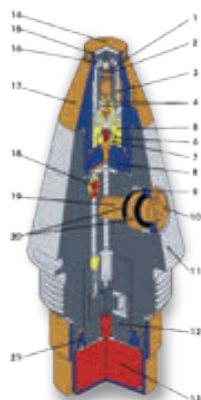


# Fuzes



## KZ 984 Fuze

Fuze KZ-984 is designed for 155 mm shells of type HEER HB, HEER BB, ERFB-BT, ERFB-BB. It is mechanical point detonating fuze with detonator's reinforcing cap and mask safety. Depending on requested effect it is possible to set the fuze for immediate or for delayed function.



KZ 984

## MZ-95M Fuze

Fuze MZ-95M is designed for 81 mm, 98 mm and 120 mm HE mortar ammunition. It is mechanical point detonating fuze with detonator's reinforced cap and transport and mask safety. Depending on requested effect it is possible to set the fuze for immediate or for delayed function.



MZ-95M

### Legend:

1. Firing pin, 2. Spring, 3. Sliding case, 4. Balls, 5. Striker, 6. Primer, 7. Primer casing, 8. Insertion, 9. Pin, 10. Closing nut, 11. Fuze body, 12. Safety mechanism, 13. Booster charge, 14. Membrane, 15. Sealing ring, 16. Ball, 17. Striker upper body, 18. Delay mechanism, 19. Cock, 20. Rings, 21. Fastening case

### Technical data:

		KZ 984	MZ-95M
Type		Point detonating	Point detonating
Use		155 mm HE shells	81 mm, 98 mm and 120 mm HE mortar ammo
Mask safety		Min. 80 m	Min. 50 m for 81 mm, min. 80 m for 98 mm
Arming		Fire Acceleration 1,600 g, min. spin 40 s <sup>-1</sup>	Axial acceleration min. 835 g
Delayed function time		0.04 ÷ 0,09 s	0.002 ÷ 0.006 s
Detonator		NP10 (21.5 g)	NP10 (10.5 g)
Safe drop height		12 m	12 m – packed, 3 m – unpacked
Weight		700 g	670 g
Overall dimensions	Height	Max. 143 mm	Max. 125 mm
	Diameter	Max.60 mm	Max. 49 mm
	Thread	2"-12TPI-UNF	1.5" – 12TPI UNF-1A
Packing		Individual packing in hermetic plastic cases placed in wooden boxes of 20 pcs	Individual packing in hermetic plastic cases placed in wooden boxes of 20 pcs
Dimensions of 1pc in hermetic plastic case	Length	228 mm	–
	Diameter	96 mm	–
	Weight	1.0 kg	–
Dimensions of 1 wooden box with 20 individual pcs	Length	567 mm	–
	Width	492 mm	–
	Height	372 mm	–
	Gross weight	34.0 kg	–
Warranty and Storage		<ul style="list-style-type: none"> <li>– 15 year shelf life for fuzes packed in original hermetic plastic case stored in naturally ventilated store rooms</li> <li>– 5 years shelf life for fuzes packed in original hermetic plastic case stored in field conditions</li> <li>– 3 years shelf life for fuzes without hermetic plastic case in field conditions or on shell under roof</li> </ul>	<ul style="list-style-type: none"> <li>– 15 year shelf life for fuzes packed in original hermetic plastic case stored in naturally ventilated store rooms</li> <li>– 5 years shelf life for fuzes packed in original hermetic plastic case stored in field conditions</li> </ul>



**MSM GROUP Ltd.** was established by transformation of MSM Martin Ltd., which dealt with construction, development, production and sales mainly with military material. MSM Martin Ltd. in the last few years took over several military companies located in the middle of Slovakia, and built on its traditional manufacturing activities in military and civil production.

Due to **ZVS** inclusion into the group structure we can state that the origin of **MSM GROUP Ltd.** comes **back to 1927** when then Škoda Works in Plzeň, as a monopoly producer of ammunition decided to build so called „spare factory“ in Slovakia. The company was totally destroyed during the World War II, and it took several years while the production was restored to such extend, that its products were supplied not only for the Ministry of National Defence, but for many countries worldwide as well.

Today the **MSM GROUP Ltd.** makes use of rich experiences from the past and know-how of highly qualified workers and vast archive of technical documentation for all necessary procedures.

In 2009 the biggest Czech military holding **CSG (CZECHOSLOVAK GROUP)** entered MSM as a co-owner.

## WHY TO COOPERATE WITH US:

More than 70 years experiences in the ammunition development, production and complete services in this field.

Long tradition in the MSM locations for the ammunition production processes with significant effects as the deep skilled personal, support industries, development fields, education etc.

More information at  
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