

# INITIAL DEVICE FOR TRAINING

## Pyrotechnics

Initial devices for practice are designed for completion and initiation of practice mines (igniters for practice), training soldiers and officers in arming and disarming mines, to activate the smoke pads of practice mines and explosive charges for exercise, as well as the training to perform mining.

### DESCRIPTION

Igniter practical, antimagnetic, tread, universal VUANU-1, is a universal type, with a body made of plastic and with initial part from practice blasting cap. VDK-8 is cylindrical, made of aluminum. Consists of aluminum shell and pyrotechnic detonating mixture. The bottom of the cap is painted white and marked with the letter "V". Pyrotechnic mixture is pressed into the cap in 3 layers. The first two layers are using for burning of cap and activating of device, and a third layer to transfer initiation from safety fuse. VUMTA 4 is made of plastic, filled with the pyrotechnic mixture. VKE consists of cap with a pyrotechnic mixture and electrical flammable head. Mixture is pressed into the cap in three layers. First two layers are using for burning of cap and activating device, and the third layer for transfer of initiation from the EZG. Electrical flammable head (EZG) is designed for transmission of initiation to pyrotechnic mixture.



### OPERATION

VUANU-1 is applying by putting on the provided place at practice mine. Trampling on across the igniter, mixture is activated and transfers impulse to VDK-8 which activates smoke pad. VUTMA-4 is putting into position at practice mine VTMA-4, and activating the igniter activates smoke pad that imitates the principle of lethal mine effect. VKE is activating electrically by means of electrical machines ignition or manual inducer. VDK -8 is activating with safety fuse. By activating the fuse, impulse is transmitted to the primer which is releasing white smoke.

### SPECIFICATION

	VUANU-1	VUMTA-4	VKE	VDK-8
Diameter (mm)	20	38	7	51
Height (mm)	76.5	50	56	45
Weight (g)		72	15.5 ±10,2	11.9
Force of activation	80-280N	80 daN-220Dan	-	-
Shelf life	5 years			

	VUANU-1	VUMTA-4	VKE	VDK-8
Dimensions of box (mm)	40x270x280			280x270x245
Number of units	300	120	500	4200
Gross weight of transport pack (kg)	8.7	8	9	7

Transport packing: waterproof carton box. **UN 0431, Class 1.4G**

