



# FENIX ONLINE

Intelligence on Munitions  
[www.fenix-insight.online](http://www.fenix-insight.online)

UPDATE:  
JULY 2018

## MONTHLY STATISTICS

2647 MUNITIONS

12728 IMAGES

827 DOCUMENTS

318 ORGANISATIONS

55 CONFLICTS

352 EVENTS

241 EXPLOSIVE FILLINGS

**1263 UPDATED RECORDS**

## Updates to the Fenix Online Database

Rockets, Missiles and Fuzes have been a strong focus for the Fenix Online database team during July 2018; with over 100 records being added, re-written or refined to provide a deep and clear insight into an ever-increasing number of munitions.

Russian missiles system, such as the BM-27 'Uragan' and BM-21 'Grad', have been overhauled. Using the 'Related Item' feature, it is now quicker and easier to explore associated missiles, submunitions, explosive fillings and even fuzes.

'Alternative', Cyrillic, GRAU, NATO and translated designations are constantly added to existing munition records, increasing the intelligence value of the database and ease of searching.

### RUSSIAN FACTORY CODES ADDED FREQUENTLY

The use of munition markings on in-house stock and high-resolution imagery allow for in-depth analytics into factories, lot numbers and years of manufacture; especially for Russian mines and submunitions.

## WAR AND PEACE REVIVAL

On July 25<sup>th</sup>, 2018, the Fenix team visited the War and Peace Revival Show in the UK. We have acquired a number of interesting real, surrogate and inert munition pieces which are being photographed and analysed, to be added to the Fenix Database during August.

## UPCOMING OVERSEAS OPERATIONS

The team has deployments planned to Bulgaria, Vietnam, Colombia, Mozambique, Botswana and the Falkland Islands. The Fenix database is the first online resource to gain new images and information from the disassembly of live munitions during Fenix's international operations.

**9N235** (Submission)  
Country of manufacture: Russian Federation  
36 images available | Hardware available upon request

**Specifications**

Calibre / Diameter / Width	65 mm
Length	265 mm
Weight	1760 g
Explosive weight	0.31 kg

**Main fillings**  
Cyclotrimethylene trisnitramine (RDX)

**Object characteristics**  
Fin-stabilised, impact-fuzed with pyrotechnic delay SD (approx 110 sec). Incorporates 96 pre-formed metal steel fragments, each weighing 4.5 grams to provide an anti-personnel effect, and 300 fragments each weighing 0.5-0.75 gram for an anti-personnel effect.

**Materials used**  
Alloy casing, steel fragments

**Notes**  
Almost identical to 9N210. Dispersed by the 9M27K2.

**Countries found in**  
Georgia - GEO  
Libya - LIBY  
Sudan - SDN  
Syrian Arab Republic - SYR  
Ukraine - UKR  
Yemen, Democratic - YMD

**Conflicts used in**  
War in Donbas (War in Ukraine)  
Syrian Civil War

## FEATURED MUNITION:

9N235

The 9N235 is a fin-stabilised, impact-fuzed submunition, used with the Russian 9M27K1 (Uragan) rocket. The submunition incorporates pre-formed metal fragments in its casing, which creates an anti-personnel fragmentation effect upon detonation.

Using the updated 'Related Items', it is simple to view details of the carrier rocket for this submunition, as well as other associated submunitions.

Fenix acquired a second example of the 9N235 at the War and Peace trade show, so further images have been added to this record.



[WWW.FENIX-INSIGHT.ONLINE](http://WWW.FENIX-INSIGHT.ONLINE) brings together the wealth of accumulated global knowledge from Fenix Insight into a powerful web-based platform. New data and existing record updates are entered on a near-daily basis, and the platform is being constantly refined and improved, with many new innovative features planned to make it truly groundbreaking. Email [hello@fenix-insight.online](mailto:hello@fenix-insight.online) for further information.