



# HAND GRENADES

Designed for operational effectiveness



## CHARACTERISTICS

	F1 fragmentation grenade	F2 blast grenade	F3 practice grenade
<b>Overall mass</b>	375 g	225 g	340 g
<b>Diameter/length</b>	58/96 mm	58/96 mm	58/100 mm
<b>Explosive mass/type</b>	62 g (RDX/Wax)	110 g	0.5 g (flash composition)
<b>Standard delay time</b>	5 sec	5 sec	5 sec
<b>Lethal radius</b>	6 m	Not specified	Not applicable
<b>Safety radius</b>	30 m	Not specified	Not applicable
<b>Fragments</b>	>4,000 2.4 mm steel balls	Limited	No ejection of debris at 0.3 m
<b>Temperature range:</b>			
<b>Storage/transportation:</b>	-46°C - +71°C	-46°C - +71°C	-46°C - +71°C
<b>Operational/training use:</b>	-46°C - +63°C	-46°C - +63°C	-46°C - +63°C

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IN THE BATTLE SINCE 1888

Australian Munitions' F1 fragmentation, F2 blast and F3 practice hand grenades have been developed to conform to the stringent design parameters of the Australian Defence Force (ADF). These hand grenades are manufactured at our Benalla munitions facility and are currently in service with the ADF.

## OUR HAND GRENADE PRODUCT RANGE

The F1 fragmentation hand grenade is a high explosive (HE), anti-personnel grenade. It is designed to produce a lethal radius of 6 m, a casualty radius of 15 m and a safety radius of 30 m.

The F2 blast grenade has an increased high explosive fill over that of the F1 fragmentation grenade. Designed for use within confined areas and Close Quarter Battle whilst increasing levels of safety for the user.

The F3 practice hand grenade is a training, non-fragmenting replica of the F1 fragmentation hand grenade. The Australian Munitions F3 practice hand grenade produces an acoustic and smoke signature to simulate the functioning of the F1 fragmentation hand grenade during training.

## SPECIAL FEATURES

The F1 fragmentation hand grenade contains more than 4,000 steel balls arranged to achieve uniform distribution of lethal fragments through 360° upon functioning. The RDX-Wax filling is consistent and powerful. A proven reliable primer and delay provides user confidence.

The F2 blast hand grenade contains RDX-based HE fill within a plastic body. This results in more predictable blast patterns and increased user safety.

The F3 practice hand grenade incorporates a high impact aluminium die cast body and hazard band with a distinctive appearance. The F3 practice hand grenade has a replaceable pyrotechnic fuze that displays an audible output and a distinct cloud of white smoke visible to 200 m to indicate functioning.



## FUNCTION

The F1 fragmentation, F2 blast and the F3 practice hand grenades are optimised for use by the ADF.

## PACKAGING

F1 fragmentation, F2 blast and F3 practice hand grenade fuzes will be shipped in standard military packages conforming to the UN recommendations for packaging of dangerous goods.

Detailed packaging information available upon request.



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