



HAND GRENADES

Ordnance-designed for operational effectiveness

CHARACTERISTICS

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

Thales Australia's F1 fragmentation hand grenade and F3 practice hand grenade 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.



HAND GRENADES

ORDNANCE-DESIGNED FOR OPERATIONAL EFFECTIVENESS

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 F3 practice hand grenade is a training, non-fragmenting replica of the F1 fragmentation hand grenade. The Thales Australia 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 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 hand grenade and the F3 practice hand grenade are optimised for use by the ADF.

Packaging

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



F1 Fragmentation Hand Grenade