

# 100mm ammunition for naval guns

Family of naval ammunition offering the best performance for complementary and varying roles.



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## MISSIONS

- The OPF F4 round is optimised for air defence, including against sea-skimmer anti-ship missiles,
- The OEA F1 multipurpose high-explosive round is used for surface warfare and shore bombardment,
- The ammunition range also includes two types of practice shells known as OXL LP-PN and OXL.

These rounds can be used with the automatic guns of the Model 53 mounts and derivatives as well as with that of the 100mm COMPACT Mk 2 mounts.

## SPECIFICATIONS

	OPF F4	OEA F1	OX LP-PN	OXL
<b>Weight of round, without fuze (kg)</b>	23.5	23.5	23.5	23.5
<b>Projectile weight (kg)</b>	13.5	13.5	13.5	13.5
<b>Length with fuze (mm)</b>	1,085	1,085	1,085	1,085
<b>Fuzes</b>	Proximity fuze	Dual mode fuze or proximity fuze	Dual mode fuze	Dummy fuze
<b>Muzzle velocity (m/s) (new barrel)</b>	867	867	867	867
<b>Operating conditions</b>	- 20°C/+ 60°C	- 20°C/+ 60°C	- 20°C/+ 60°C	- 20°C/+ 60°C
<b>Warhead/payload</b>	Prefragmented shell body 1.2kg of TNT	1.1kg of TNT	300gr of black power	Inert
<b>Maximum range surface targets (m)</b>	17,400	17,400	17,400	17,400
<b>Maximum range, air targets (m)</b>	6,000	6,000	-	-
<b>Standard deviation angle (mrad)</b>	0.3 up to 6,500m	0.3 up to 5,000m	-	-
<b>Terminal effectiveness</b>	Perforates 10mm steel or 21mm light alloy at 3.5m	Blast and splinters	Display of shell operation	-

**Packaging:** light alloy, watertight and fireproof individual containers.