

# NEPTUNEX

A diver in a dark wetsuit is shown underwater, holding a long, rectangular, grey linear cutting charge. The diver's hand is visible in the foreground, holding the charge. The background is dark and murky, typical of an underwater environment. The diver's wetsuit has some patches, including one that says "OTTER".

## Underwater Linear Cutting Charge

Leveraging the power and precision of Dioplex™ for underwater operations, Neptunex™ is a user-filled linear cutting charge capable of severing up to 65mm of steel to depths of 1,300m (NX5600).

The charges are assembled from pre-formed lengths of extruded aluminium, with the steel box-sectioned liners factory sealed and fitted.

This user-friendly design ensures a highly reliable seal, even at extreme depths, guaranteeing the linear jet can form in the air.

Available in four sizes for cutting between 20mm and 65mm steel

For use underwater at depths exceeding 100m

Powerful, reliable and efficient explosive effect

Operators can confidently connect individual lengths end-to-end with reliable initiation of all charges



# Performance

Available in lengths of 0.5 metres and 1 metre, the Neptunex family of charges is designed to sever mild steel ranging from 10 mm to 65 mm thick at depths of at least 100 metres.

By using opposing pairs of charges, it is possible to sever even greater thicknesses, more than double the maximum. This relative efficiency significantly reduces the amount of explosive required.

The charges can be initiated from either end or both ends using a detonator or a detonating cord booster.

# Specifications

Product Series	NX450	NX1200	NX3600	NX5600
Size	22mm	40mm	60mm	80mm
NEQ	0.45kg/m	1.2kg/m	3.6kg/m	5.6kg/m
Steel Severed	20mm	35mm	45mm	65mm



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