J-TUBE DIAPHRAGM CUTTING TOOL

ROV INTERVENTION CUTTING TOOL FOR J-TUBE DIAPHRAGM



Description

This J-Tube Diaphragm Cutting tool is designed and built to be easily handled by standard ROV manipulators for cutting of reinforced rubber diaphragms.

The ROV friendly tool are primarily designed with aluminum and POM material to keep low weight in water. Tool body works as a guiding frame inside the J-Tube Bellmouth. POM material are used for protection of the Bellmouth due to scrapes and damages of surface and painting. The tool is manual rotated by the ROV manipulator by rotating the center D-handle of the tool. A hydraulic motor / bearing house, shaft and modified drill bit are used to drill hole in diaphragms and mill out the pieces without damaging inside surface of the Bellmouth.

Features

- Hydraulic drill tool
- Manipulator rotation
- Cutting OD Ø770 mm
- Cutting OD Ø530 mm (optional)
- Low weight
- ROV friendly design



SPECIFICATIONS J-TUBE DIAPHRAGM CUTTING TOOL

General Technical Specifications

Туре		J-Tube Diaphragm Cutting Tool
Part Number		114224
Dimensions	mm	x x
Weight (in air / submerged)	kg	~43 / ~24
Hydraulic		
Max. Input Pressure	Bar	103
Max. Input Flow	L/min	45
Measurements	OD	Ø530
Measurements	OD	Ø770 (optional)
Measurements	OD	Ø970 (optional)
Connection ROV pressure A	JIC	#6
Connection ROV pressure B	JIC	#6
General Features		
Depth rating	MSW	3000



The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Hattelandsveien 92, 4353 Klepp Stasjon, +47 477 77 500 post@envirent.no

