

Hydraulic Nut Splitter Single Acting



Description

The Hydraulic Nut Splitter is a powerful subsea maintenance tool designed for the safe and efficient removal of seized, corroded and damaged nuts without damaging the parent stud or bolt. Available in a range of sizes to suit common offshore applications, the tool uses a single-acting hydraulic cylinder with spring return to deliver high splitting forces for rapid removal of fasteners.

Designed for offshore inspection, repair, maintenance and decommissioning activities, the Hydraulic Nut Splitter is fitted with an integrated ROV handle for easy deployment and manipulation subsea.

Supplied with a hydraulic MiniBooster capable of generating pressures up to 690 bar, the tool provides reliable performance in demanding operational environments.

Main features

- High-force hydraulic nut splitting capability
- Single-acting, spring-return operation
- Integrated ROV manipulator handle
- Supplied with hydraulic MiniBooster intensifier
- Available in multiple size ranges
- Safe removal without damaging threads or studs
- Suitable for subsea and topside use
- Robust, low-maintenance design

Specifications

Product	Hydraulic Nut Splitter Single Acting
Country of origin	J1W UK

Technical specifications

Maximum ROV Input Pressure	140 bar
Maximum MiniBooster Output Pressure	690 bar
Flow Rate (max)	14 lpm
Hydraulic Hoses	Pressure and Return – 1/4" R2T c/w 4 Jic F Swivel Ends 3mtr
Part Number	HNS-XXXX
Cutting Capacity	M12-M39 (model dependent)

Model Number	Hexagon AF Nut Range	Thread Size	Hydraulic Oil Capacity	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. E2	Capacity
HNS1024	12-24mm (0.71-0.94")	M12-M16	30cc	60mm (2.36")	167mm (6.57")	10mm (0.39")	25mm (0.98")	40mm (1.57")	68mm (2.68")	10ton
HNS2432	24-32mm (0.94-1.26")	M16-M22	90cc	70mm (2.76")	178mm (7.01")	13mm (0.51")	30mm (1.18")	52mm (2.05")	76mm (2.99")	15ton
HNS3241	32-41mm (1.26-1.61")	M22-M27	120cc	80mm (3.15")	226mm (8.90")	15mm (0.59")	36mm (1.42")	65mm (2.56")	93mm (3.66")	20ton
HNS4150	41-50mm (1.61-1.97")	M27-M33	200cc	95mm (3.74")	244mm (9.61")	21mm (0.83")	45mm (1.77")	76mm (2.99")	106mm (4.17")	35ton
HNS5060	12-24mm (1.97-2.36")	M33-M39	300cc	106mm (4.17")	269mm (10.60")	24mm (0.94")	55mm (2.17")	92mm (3.62")	125mm (4.92")	50ton

