# DATASHEET

## ARTICLE

**Nozzle HS12 - 2" BSP male thread - MED/SOLAS**

Number: 4.05.1128

## SPECIFICATIONS

Weight: 0,73 kg

Made in: China

HS Code: 84242000

## DESCRIPTION

Nozzle HS12 - 2" BSP male thread - MED/SOLAS

Storz fire hose nozzle, SOLAS/MED/EC approved
This jet/spray nozzle was approved of MED by DNV GL, can be widely used in marine market. It is designed and tested as per EN15182-1:2019 and EN15182-2:2019. This jet/srpay nozzle is easy to maintain and service. This nozzle complies with the most updated regulation and standard.

This jet/spray nozzle was approved of MED by DNV, can be widely used in marine market. This jet/srpay nozzle is easy to maintain and service. This nozzle complies with the most updated regulation and standard. This spray has a long throw distance combined with a significant cooling effect. The inlet was BSP 2.0 assorted with Storz adaptors. Storz 38, Storz C and Storz 65 adaptors are available for options. The jet/spray nozzle can be connected with Storz couplings.

Material
The body of the head is made of brass with chrome plated, so this nozzle has superior anticorrosive feature, suitable to use in terrific marine environment. The head is covered with heavy duty protective rubber. The handle tube was made by high impact resistant plastic. The valve plate was made by import plastic material. The adaptors are made of brass or aluminum.

Features
Low pressure loss, light weight, full corrosion resistance against sea water. Simple design to be maintenance-free, low operating forces. Maintenance-freely!

Structure
Designed with only a few parts produces an insensible and efficient jet/spray dual purpose nozzle. Absulutly smooth inner surface for less pressure loss design. The adaptors are made by forging and pressing.

Working Principle
YIBEI nozzles are easy to adjust continuously from shut off via a hollow straight stream to a spray jet between 0 and 120° b y turning the rubber coated head of the nozzle. They deliver a wide range of droplets. Large droplets and longer throw distances when the straight stream is selected. A fine spray jet with its centre directed forwards is produced by means of spray teeth with specially designed deflection surfaces.

Specification
Y12 (12mm), the inlet is BSP 2" with Storz adaptor. With Storz adaptor, the jet/spray nozzle can connect with Storz couplings. Storz 38, Storz C and Storz 65 coupling can be fitted by relevant adaptors.
- Nominal pressure - 16 bar
- Refrence pressure - 6 bar
- Flow rate at straight jet - 236 l/min
- Flow rate at wide spray jet - 583 l/min
- Angle of a wide spray jet - 114 degr.
- Effective throw - 28,5 m

Application
This jet/spray nozzle can be widely used for marine and offshore fire-fighting, assembled with a firehose through Storz coupling.

## CERTIFICATIONS

# DATASHEET

- [x] MED
- [x] SOLAS
- [x] RED ENSIGN/MER (UK Approval)

## SPARE PARTS / COMPLEMENTARY GOODS

4.05.0123 Adapter Storz - Brass - DN 38 - Lug 52 - Female BSP 2 inch
4.05.0138 Adapter Storz - Brass - Lug 66x52mm - Female BSP 2 inch
4.05.0162 Adapter Storz - Aluminium - Lug 66x52mm - Female BSP 2 inch
4.05.0163 Adapter Storz - Brass - Lug 81x52mm - Female BSP 2 inch
4.05.0352 Adapter Storz - Aluminium - Lug 81x52mm - Female BSP 2 inch
4.05.0381 Adapter AWG Storz, Brass - DN 75 (B) - Lug 89 - Female BSP 2 inch
4.05.0390 Adapter Storz - Aluminum - DN 75 (B) - Lug 89 - Female BSP 2 inch


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