

HS nozzles D10, D12, D16, D20

Hollow stream nozzles with shut-off for the delivery of firefighting water in the form of full jet and selectable spray jet.



Features

- HS nozzles can be conveniently and continuously adjusted from completely closed via full jet to spray jet between 0 - 120° by twisting the rubber coated head.
- Switching sequence: Closed – full jet – spray jet.
- The spray teeth have flat deflection surfaces on the inside and produce a spray the centre of which is directed forwards. This results in a large spray jet throw distance. Large drops for reach, small drops for cooling. As a result, universal and effective use of the HS nozzles is possible.

Advantages

- Low weight
- Absolute corrosion resistance to seawater
- The simple design means the nozzle is not prone to repair
- Low operating forces
- Extremely sturdy
- Completely maintenance-free

Structure of HS nozzles

All bills of material have an identical structure. The only difference between types HS10, 12, 16, 20 is that they have different valve plates at the front. These are marked at the front as "D10", "D12", "D16" and "D20".

TECHNICAL SPECIFICATIONS

Operating head	Rubber (NBR) and chrome-plated brass
Barrel	Extremely impact-resistant plastic (POM)
Valve plate	Polyamide
Valve rod	Stainless steel
Dimensions	with C-type adapter: 347 x 98 x 98 mm
Weight	1.1 kg (aluminium) 1.6 kg (brass)
Flow rate at 6 bar - full jet, litres/min - throw distance (meters)	HS10 - 160-24 HS12 - 230-28 HS16 - 330-30 HS20 - 380-32
Flow rate at 6 bar - spray jet, litres/min - throw distance (meters)	HS10 - 440-4 HS12 - 460-4.5 HS16 - 470-4.5 HS20 - 470-4.5
Flow rate at 2 bar - full jet, litres/min - throw distance (meters)	HS10 - 90-16 HS12 - 130-17 HS16 - 170-18 HS20 - 220-21
Flow rate at 2 bar - spray jet, litres/min - throw distance (meters)	HS10 - 250-4 HS12 - 265-4.5 HS16 - 275-4.5 HS20 - 275-4.5



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