



## HD-STO

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### DUAL-FORCE TIP/TWIST-OFF 1.5" NH (38mm)

Part No: HD-STO



Flow Rate	95-300 gpm (360-1150 l/min)
Coupling Size (Nozzles)	1 1/2 inch (38mm)
Coupling Style (Nozzles)	Rocker
Coupling Swiveling/Rigid (Nozzles)	Rigid
Pressure	55 & 100 psi (3 & 7 bar)
Nozzle Body Style	Tip with shutoff
Valve Design	Slide Valve (Aluminum)
Valve Actuation Method	Rotational
Fog Pattern Method	Molded Rubber Teeth (fixed)
Nozzle Bumper Material	Rubber - bonded
Certifications	N/A

#### Related Videos

- [Dual Pressure Knob Replacement](#)
- [Handline Upgrade for Nozzles](#)
- [How to Adjust a TFT Slide Valve](#)
- [Dual Force Series](#)
- [Nozzle Field Maintenance](#)
- [Visual Nozzle Inspection](#)

#### Details

DUAL-FORCE TIP/TWIST-OFF 1.5" NH (38mm)  
Automatic pressure control with a flow capacity of 95-300 gpm (360-1150 l/min). Includes flush without shutting down, molded rubber teeth for full-fill "power fog", and twist slide-type valve for turbulence-free flow control. May be used with a separate valve or playpipe. Ideal for break-and-extend operations. Lightweight hardcoat anodized aluminum materials for maximum resistance to corrosion and wear. 1.5" NH (38mm) rigid rocker lug coupling is standard. Nozzle may be switched between standard 100 psi (7 bar) and low pressure.

**Weight: 6.000 lbs (2.721 kg)**

#### Online Technical Support Material

- [Dual-Force Highrise Packs/Break/Extend Procedures](#)
- [Using Automatic Nozzles w/ Foam Eductors](#)
- [Handline & DualForce Maintenance & Service](#)
- [Dual-Force \(low pressure\) Flow & Reaction Chart](#)
- [Dual-Force Flow & Reaction Chart](#)
- [Folding Pistol Grip Installation](#)
- [Field Lubrication Procedure](#)
- [How to Test Proper Function of an Automatic Nozzle](#)
- [Mid-Force, CAFS-Force and Dual-Force Users Manual](#)

#### Specifications

- [HD-STO Specifications \(doc\)](#)
- [HD-STO Finished Good Print](#)
- [HD-STO Finished Good Print](#)
- [HD-STO Finished Good Print](#)

## PRODUCT SERIES OVERVIEW

- The full size Dual Force Handline nozzle incorporates TFT's unique stainless steel slide valve for turbulence free flow control and includes the exclusive integrated debris screen to prevent stream quality degradation. All models accept low and multi-expansion foam attachments for increased finished foam performance.

- The full size Dual Force Handline nozzle is available with 100/55psi or 75/45psi operational pressure choices to meet any fire ground operational challenge. The high strength bonded rubber fog teeth provide a full filled pattern that pushes heat flame and smoke ahead and away from the firefighting team.

- The full size Dual Force Handline nozzle comes standard with reflective labeling as well as your choice of color coded pistol grip and shut off handle. This dual pressure variable gallonage nozzle series is available in tip only, shut off, and playpipe configurations, is individually serialized, and comes with TFT's exclusive 5 year warranty.

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