



## Dual Shear Gun

JAGTECH presents a new standard for mud and fluid conditioning. This solution performs mixing and high pressure shearing in one, highly efficient, low noise unit. Simple installation with adaptive or customized fluid inlets and outlets. Low pressure and velocity in outlet flow.

### PREFACE:

Appropriate drilling fluid properties for optimal drilling progress with immediate stable viscous parameters during drilling operations. Freshly sheared drilling fluid can be applied directly into the well operation when this shear gun is implemented on the rig. Expected reduction in wellbore construction time due to avoiding fluid circulation in the well only to condition the drilling fluid.

### BENEFITS:

- Double set of shear nozzles
- Easy changeable nozzles
- Standard drill bit shear nozzles
- High pressure inlets
- Low pressure and velocity outlet
- For oil and water-based mud
- Low noise
- Low wear
- Additive inlet nozzles
- Fluid impact mixing
- Changeable inner tube
- For use in ATEX environment

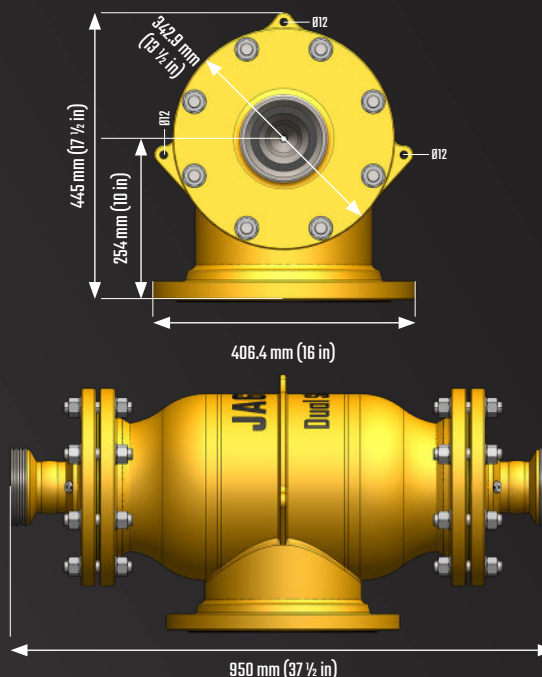
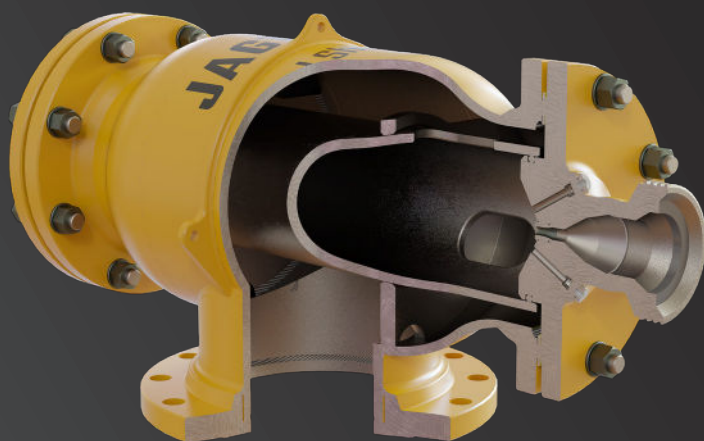
### OPTION:

- Multiple shear nozzle sizes
- Standard or customized high pressure inlet connections
- Standard or customized high pressure outlet connection
- Wolfram carbide lined or ceramic inner tube
- Wolfram carbide or ceramic nozzles

**D.S.G**  
DUAL SHEAR GUN

**PATENT:**  
NO 20190161

We deliver innovative  
and customer specified technologies  
for the oil and gas industry.



## TECHNICAL SPECIFICATION

Max inlet pressure:	750 bar
Max outlet pressure:	10 bar
Max pressure drop in nozzles:	200 bar
Material housing:	S355 carbon steel
Shear nozzle type:	Smith bit N50 Series
Inner tube material:	Wolfram carbide lined carbon steel / Ceramic
Weight:	200 kg
Size:	950 x 406 x 445mm (37 ½ x 16 x 17 ½ in)

## WARNINGS AND HAZARDS

