

# API Blowout Preventer for Oil Drilling

This high-pressure API blowout preventer (BOP) is engineered to effectively seal and control wellbore pressure during drilling. Constructed from high-strength alloy steel, it offers reliable performance and prevents uncontrolled release of crude oil or natural gas.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Blowout Preventer

This API Blowout Preventer (BOP) is engineered for critical oil drilling operations, designed to effectively seal, control, and monitor wellbore pressure during drilling, testing, and completion phases. Constructed from high-strength alloy steel, it offers robust performance in harsh onshore and offshore environments. Its modular design ensures ease of maintenance and adaptability to various well configurations, providing superior safety and operational efficiency.

## Technical Specifications

### Forging Process Flow

- Ingot
- Forging
- Heat Treatment
- Rough Machining
- UT/MT Inspection
- Quench & Temper (Q+T)
- Finishing Machining
- Final UT/MT Inspection
- Packing

### Heat Treatment Options

Normalized • Annealed • Quenched • Tempered

### Material

Alloy steel

### Standards Compliance

API, ASTM, ASME, DIN, JIS, ISO, BS, EN

## Quality Assurance

### Inspection & Testing

- Chemical composition analysis
- Ultrasonic Testing (UT)
- Magnetic Particle Testing (MT)
- Mechanical property testing
- Dimension check

### QC Documentation

#### Report Type

Chemical composition report

Mechanical properties report

UT test report

Heat treatment report

Dimensions check report