

# DB-P Blanking Plug

The DB-P blanking plug is attached to a DB-series lock and landed in a DB landing nipple to hold pressure in the tubing string above and below the lock and plug assembly.

## APPLICATION

- Flow control in single or dual completions

## BENEFIT

- Reliable performance at high pressures

## FEATURES

- Prong-type design
- Prong may be extended with standard slickline stem
- Choice of internal or external fishing neck on prong
- Pressure-balanced equalizing prong prevents hydraulic lock in plug
- Specially sized equalizing ports
- Long sump nose
- Rugged, field-proven design
- Available in various materials
- Choice of sealing systems

Depending on the pressure rating of the attached lock, the DB-P blanking plug can be used for differential pressures to 10,000 psi [68,950 kPa].

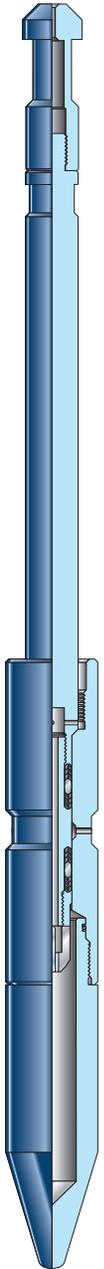
## DESCRIPTION AND OPERATION

The DB-P blanking plug with attached lock requires two slickline trips for installation and two trips for equalization and retrieval. A completely pressure-balanced, slickline-retrievable prong, installed during the second slickline trip into the well, must be pulled to allow equalization before the lock and attached plug assembly can be retrieved. The prong, which is available in almost any length, has either an internal or an external fishing neck. The prong also has internal bypass porting to minimize the effects of differential pressure above and below the plug.

The DB-P blanking plug with attached DB-series lock is landed in a DB landing nipple to hold pressure in the tubing string from above or below the plug. The DB-P plug is used to apply pressure in the tubing above the plug, isolate formation pressure below the plug, provide a temporary plug below a hydraulically set packer to set it, and convert a packer to a temporary or permanent bridge plug.

Installation of the DB-P blanking plug requires two slickline trips. For the first trip, the DB-P blanking plug without the prong is attached to the appropriate DB-series lock and installed with a Z-6 running tool. The assembly is lowered into the well until the no-go of the lock lands on the nipple no-go shoulder. Downward jarring engages the locking dogs into the locking recess in the nipple and anchors the assembly. Upward jarring shears the pins attaching the Z-6 running tool to the lock and allows the running tool to be retrieved. The equalizing prong is installed in a second trip. The DB-P equalizing prong is attached to the appropriate JD- or PRS-series pulling tool and lowered into the well to seal the equalizing ports in the plug. Downward jarring shears the release pin in the pulling tool and allows the tool to be retrieved from the well.

To equalize and retrieve the DB-P blanking plug requires two slickline trips into the well. The appropriate JD- or PRS-series pulling tool is lowered into the well until it engages the prong fishing neck. Light downward jarring latches the pulling tool onto the equalizing prong. Upward jarring removes the prong from the plug to allow equalization. After pulling the prong from the plug and equalizing pressure, the prong is retrieved. A second trip is required to retrieve the lock and remaining plug assembly. A PRS pulling tool is lowered into the well until it engages the lock. Light downward jarring latches the pulling tool collet in the lock expander tube. Upward jarring releases the locking dogs and allows retrieval of the lock and blanking plug assembly.



Optional Internal Fishing Neck for Prong

## DB-P Blanking Plug Specifications<sup>†</sup>

### Plug OD<sup>‡</sup> (in. [mm])

3.000 [76.2]

3.062 [77.8]

<sup>†</sup> DB-P plug uses a lock adapter to convert threads for many lock sizes.

<sup>‡</sup> Other sizes are available on request. Contact your local Schlumberger representative.