

## DB-HP Blanking Plug

DB-HP blanking plugs are slickline-retrievable devices designed to hold differential pressure in the tubing string from both above and below the plug.

### APPLICATION

- Flow control in single or dual completions

### BENEFITS

- Field convertible to standing valve or circulating plug
- Designed for standard to high-pressure differentials
- Robust, modular design

### FEATURES

- Compatible with DB-type locks
- Internal melon design
- Integral equalizing device
- Single-trip installation
- Two-trip retrieval

They are attached to the appropriate DB-series lock and installed in DB landing nipples. DB-HP blanking plugs can also be easily converted to either an equalizing standing valve or circulating plug with the proper conversion kit. When attached to the appropriate lock, DB-HP plugs are used in either low- or high-pressure applications with differential pressures to 10,000 psi [68,950 kPa]. Optional high-temperature seals for operating conditions above 300°F [149°C] are also available for the DB-HP blanking plugs.

The DB-HP plug with attached lock requires one slickline trip to install and two slickline trips to equalize and retrieve.

### DESCRIPTION AND OPERATION

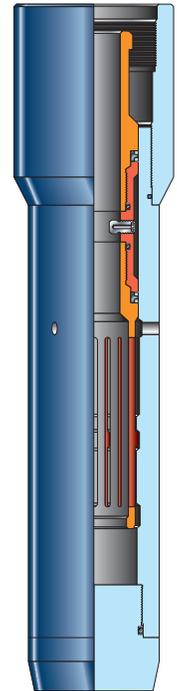
These blanking plugs are attached to the appropriate DB-series lock. Using a Z-6 running tool and setting prong, the lock and plug assembly is lowered into the tubing and locked in the nipple using standard slickline methods. Downward jarring on the Z-6 running tool and prong sets the lock and closes the equalizing ports.

Upward jarring shears the Z-6 running tool from the lock and allows the retrieval of the running tool and prong to the surface.

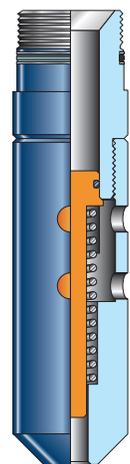
When retrieving the DB-HP and lock assembly, the appropriate JD-series pulling tool and equalizing prong are run into the tubing. Upon contact with the lock and plug assembly, the equalizing prong shears the knockout plug and allows the pressure in the tubing to equalize. The equalizing insert is then latched, and upward jarring removes the equalizing insert. On the second slickline trip, the appropriate PRS pulling tool latches into the lock with the attached blanking plug. Upward jarring unsets the lock and allows the assembly to be pulled to the surface.

DB-HP Blanking Plug Specifications	
Tubing Size (in. [mm])	Max. OD <sup>†</sup> (in. [mm])
4.000 [101.6]	3.105 [78.9]
	3.156 [80.2]
	3.230 [82.0]
4.500 [114.3]	3.417 [86.8]
	3.475 [88.3]
	3.540 [89.9]
	3.660 [93.0]
	3.790 [96.3]
5.500 [139.7]	3.906 [99.2]
	3.920 [99.6]
	4.093 [104.0]
	4.281 [108.7]
	4.250 [108.0]
7.000 [177.8]	4.406 [111.9]
	4.480 [113.8]
	5.718 [145.2]
	5.735 [145.7]
	5.843 [148.4]

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



DB-HP Blanking Plug



Circulating Plug Conversion



Standing Valve Conversion