

HP-A Blanking Plug

The HP-A blanking plug is designed to seal tubing pressure from either above or below the plug. It is installed in combination with an HPC-R locking mandrel, and then set in the appropriate D-series landing nipple.

APPLICATION

- Flow control in single and dual completions

BENEFITS

- Reliable service in high-pressure applications
- Field-proven design

FEATURES

- High-pressure design
- Integral equalizing device
- Prong and melon design
- Single-trip installation
- Rugged field-proven design
- Available in various materials
- Choice of sealing systems

DESCRIPTION

HP-A blanking plugs are used for any application that requires plugging high formation pressures. They may also be used as test plugs when testing the tubing or packers.

OPERATION

In order to pull the plug, the integral equalizing prong must first be retrieved to equalize pressure across the plug. After equalization, the remainder of the lock and the attached HP-A plug may be pulled using a PRS-series pulling tool.

The HP-A blanking plug is installed in combination with an HPC-R-series lock, then set in the appropriate D-series landing nipple.

During the running operation, the downplug is in an upward position to permit fluid to flow through and around the assembly. When the assembly is locked in the nipple, the downplug is moved downward by the expander tube in the lock, and the bypass ports are sealed by the downplug packing. Before the blanking plug is pulled from the nipple, the prong is retrieved to allow pressure to equalize across the assembly.

HP-A Blanking Plug Specifications

Tubing Size (in. [mm])	Plug OD (in. [mm])
2.375 [60.3]	1.718 [43.6]
	1.770 [45.0]
	1.892 [48.1]
2.875 [73.0]	2.017 [51.2]
	2.094 [53.2]
	2.143 [54.4]
	2.156 [58.2]
	2.290 [58.2]
3.500 [88.9]	2.400 [61.0]
	2.557 [64.9]

