

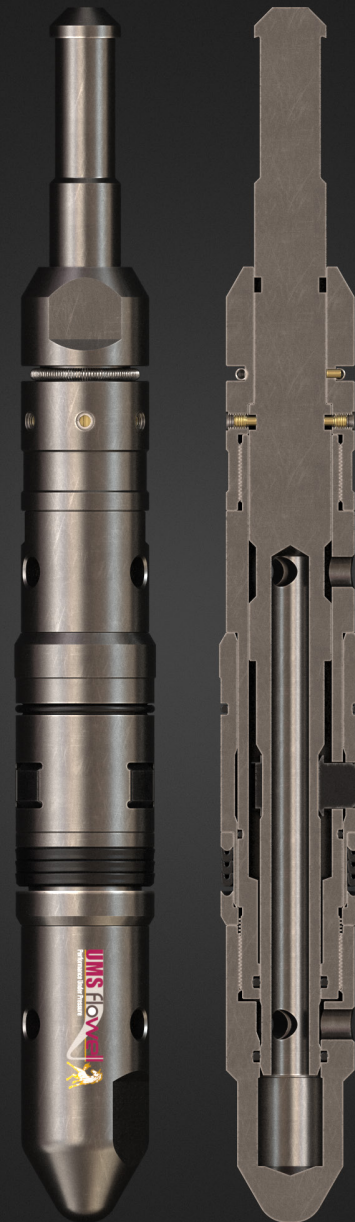
Type "D" Blanking Plug

The UMS Flowell Type "D" Blanking Plugs are set in the telescopic nipple to plug the bypass port of the y-tool when producing the well with the ESP. The blanking plugs are normally preset in the y-tool assembly at the factory and pressure tested.

The plugs are a compact design with locking dogs located above the seals to prevent damage to the nipple seal area. The plugs are run on slickline with a Camco style JD running tool. A fluid bypass feature in the plug prevents the plug from swabbing in the well fluid when running in hole.

The plugs have a top no-go profile and are set in the nipple by jarring down. Jarring down shears screws on an internal shaft and sets the locking dogs in the nipple profile. This movement allows the secondary set of shear pins to engage and locks the plug in place and closes the equalizing ports.

The external 'V' packing on the plug completes the seal with the nipple. The plugs are retrieved by jarring upwards on the fishing neck. Upward jarring shears the pins on the shaft, which allows upward movement of the internal shaft to disengage the locking dogs and opens the pressure equalising ports to facilitate retrieval.





Type "D" Blanking Plug



Features & Benefits

- Compact design
- Fluid bypass and equalising feature
- Jar down to set / Jar up to release
- 1.875", 2.312", 2.562", 2.750", 2.812" sizes for "D" type nipples
- 1.188" external fish neck except 1.875" design which has 1.00" fish neck
- Dress kit to change nipple sizes (standard base unit design 2.312" - 2.812")
- Suitable for naturally flowing and non-flowing wells

Specifications

- 5000psi MWP
- Up to 350°F with elastomers
- Low alloy steel or 13Cr material to NACE MR-0175
- Viton or Aflas seals as standard



Type "D" Blanking Plug

Part Number	NO-GO Diameter (in)	Seal Diameter (in)	Fish Neck Diameter (in)	Running / Pulling Tool
BP-1875-01	1.901	1.875	1.00	1.250 JDC
BP-2125-01	2.175	2.125	1.00	OTIS 1-1/4" RB or SB
BP-2250-01	2.300	2.250	1.00	OTIS 1-1/4" RB or SB
BP-2312-01	2.350	2.312	1.188	OTIS 1-1/2" RB or SB
BP-2562-01	2.610	2.562	1.188	OTIS 1-1/2" RB or SB
BP-2750-01	2.800	2.750	1.188	OTIS 1-1/2" RB or SB
BP-2812-01	2.865	2.812	1.188	OTIS 1-1/2" RB or SB
BP-3812-01*	3.800	3.812	2.313	OTIS 3" RB or SB

* Bottom No-Go



Superior Blanking Plug Type "A" Nipple

The UMS Flowell Superior Blanking Plugs are suitable for deploying in modified Camco Type "A" Y-tool bypass nipples which were the legacy profiles used by Phoenix Petroleum. This legacy profile continues with Zenith Oilfield and Schlumberger Y-tool products.

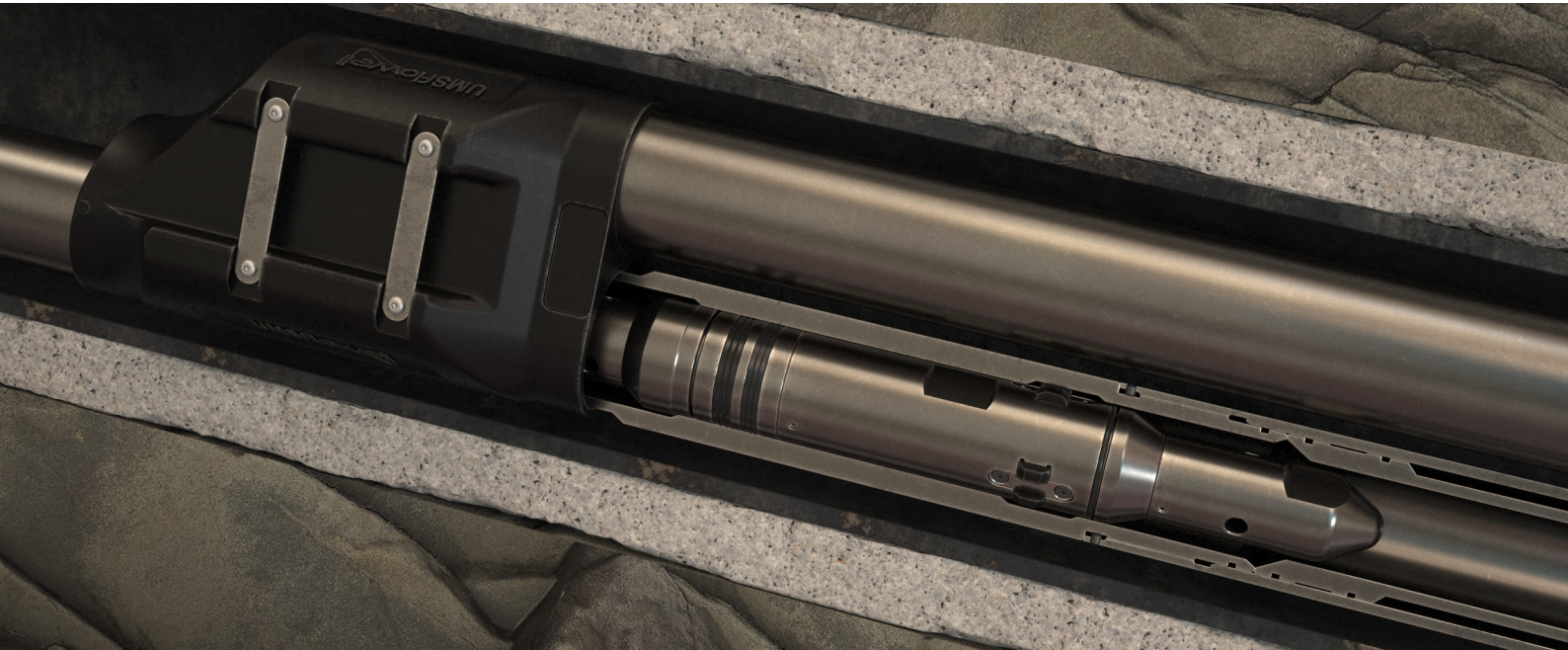
The UMS Flowell Superior Blanking Plug is an alternative and improved plug for the Type "A" nipple profile and provides the following features and benefits.



ESP BYPASS SYSTEM (Y-TOOLS)
ACCESSORIES



Superior Blanking Plug Type "A" Nipple



Features & Benefits

- Top NO-GO design
- Fluid bypass when running in hole
- Equalizing feature when pulling
- Balanced shaft design to prevent unseating with pressure below
- Simple operation (Jar down to set / Jar up to release)
- 1.875", 2.312", 2.625", 2.750", 2.812", 2.875" for Type A Nipples
- 1.75" External Fish Neck on all Superior Blanking Plugs apart from the 1.875" Superior Blanking Plug which has a 1.375" External Fish Neck
- Locking Dog design instead of a collet lock to prevent scoring of the seal bore when pulling and setting
- Front end debris seal to clean the seal bore when running into the nipple
- Bi-Directional Seals for holding pressure from above and below
- Suitable for naturally flowing and non-flowing wells
- Retrofit for Phoenix Petroleum Type "A" nipples (Zenith Oilfield and Schlumberger Y-tool nipple profiles)
- Can be used as a barrier plug when set in a top nipple

Specifications

- 5000psi MWP from above or below
- Up to 350°F with elastomers
- Low alloy steel or 17/4 ST.ST
- Viton or Aflas seals as standard
- Non elastomeric seals available upon request



Superior Blanking Plug Type "A" Nipple

Part Number	No-Go Diameter (in)	Seal Diameter (in)	Fish Neck Diameter (in)	Running / Pulling Tool
SBP-1875-01	1.900	1.875	1.375	OTIS 2" RB OR SB
SBP-2312-01	2.350	2.312	1.75	OTIS 2-1/2" RB OR SB
SBP-2625-01	2.675	2.675	1.75	OTIS 2-1/2" RB OR SB
SBP-2750-01	2.800	2.750	1.75	OTIS 2-1/2" RB OR SB
SBP-2812-01	2.865	2.812	1.75	OTIS 2-1/2" RB OR SB
SBP-2875-01	2.930	2.875	1.75	OTIS 2-1/2" RB OR SB

