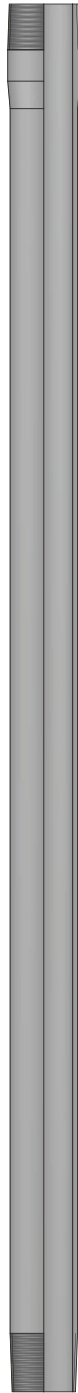




Black Gator® Pump Sub



The Black Gator® Pump Sub provides a connection from the Electrical Submersible Pump (ESP) discharge head to the Black Gator® Y-Tool. The Pump Sub is an integral part of the ESP bypass assembly from ESP pump discharge to the wellhead. The standard length of the Pump Sub is 10 ft. Installing this allows the system to deflect any mismatches in centralization at the Y-Tool location compared to the ESP and bypass tubing.

FEATURES

Pin x Pin thread
 Bottom connection to suit ESP discharge head
 10 ft standard length

SPECIFICATIONS

Low alloy steel or 13Cr material options to specification API 5CT
 5,000 psi MWP

Part Number	Top Pin Thread (in.)	Bottom Pin Thread (in.)	Internal Drift (in.)
PJ-3500-93-EUXFCJ-10	3-1/2 9.2# FCJ	3-1/2 9.3# EUE	2.867
PJ-3500-93-VTXFCJ-10	3-1/2 9.2# FCJ	3-1/2 9.2# VAM TOP	2.867
PJ-2875-65-EUXFCJ-10	2-7/8 6.4# F2J	2-7/8 6.5# EU	2.347
PJ-2875-64-VTXFCJ-10	2-7/8 6.4# F2J	2-7/8 6.4# VAM TOP	2.347
PJ-2375-47-EUXFCJ-10	2-3/8 4.6# F2J	2-7/8 4.7# EUE	1.901
PJ-2375-46-VTXFCJ-10	2-3/8 4.6# F2J	2-7/8 4.6# VAM TOP	1.901