

case study # 1: the drill bit protector

Project: The Drill Bit Protector

Location: The North Sea

WHAT THE NORTH SEA REQUIRED

To aid in rising rig costs and improve safety on the rig floor, Titan Torque designed a lightweight, safety driven solution so our clients could torque drill bits on shore and have the confidence in knowing that their critical equipment would arrive to the rig floor undamaged.

TITAN TORQUE SOLUTION

To aid in rising rig costs and improve safety on the rig floor, Titan Torque designed a lightweight, safety driven solution so our clients could torque drill bits on shore and have the confidence in knowing that their critical equipment would arrive to the rig floor undamaged.

From harbour to rig, the protector needed to survive the unpredictable and dangerous journey, be lightweight, easy to use and more importantly do its job, to protect the valuable drill bit suffering costly damage in transit.

SUMMARY

Since 2008, Titan has continued to improve on the original design of the drill bit protector, and is now in its 3rd revision. Although the protector is now lighter and stronger, the three tiered safety mechanisms remain integral to the protector and its continued success.

Impact and crush resistant, the protector covers every inch of the bit and cutter integrity and eight years on and over 500 drill bits have successfully protected.



**100%
success
rate, with
over 700
applications**