

We trialed these expandable tapered pins on pivot arms back in 2003 as this was historically a hinged point that would wear out in a few years and require frequent weld and machining repairs to maintain arm encoder synchronization and tool reliability.

When they were last inspected in 2008, we found that since the installation of the bondura®, we found the pins to be as tight as the day they left the shop in 2003. Since then I have tried to push this product into other areas of our equipment and we have just taken delivery of new PRS5R hoist carriage and arm sets for the exchange program with these pins installed between the carriage and arm connection points (effectively meaning that the hoist carriage should never have to be removed due to pivot wear/bore wear alone).

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Program Manager - Top Drive & Pipehandling

Major Spares & Equipment Exchange

Transocean

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