

DSI

Dual-string interlocking shear rams that cut wireline and braided cable with zero inline tension

APPLICATIONS

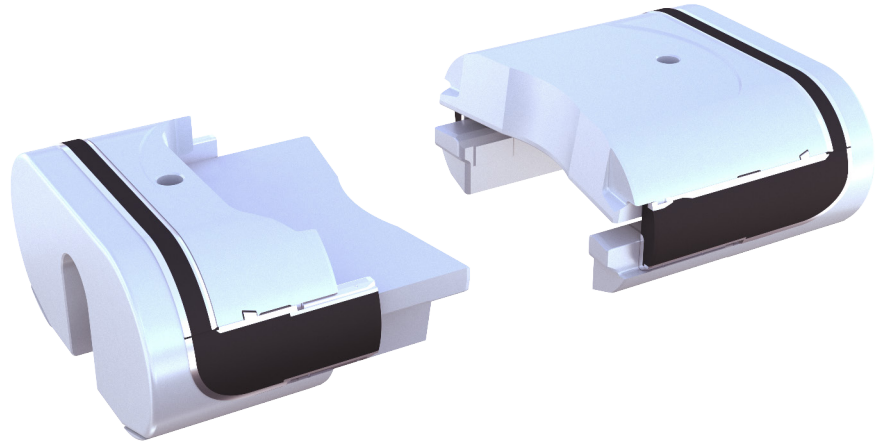
Drilling and production operations that include wireline or braided cable

BENEFITS

- Improves performance certainty with interlocking mechanism
- Enhances operational flexibility by enabling shearing of wireline and braided cable
- Enhances HSE profile

FEATURES

- Interlocking rams
- Arms on upper ram that prevent vertical separation
- Capability of shearing wireline and braided cable with zero tension in the line while maintaining seal
- Compatibility with U* surface ram-type BOP
- Compatibility with UM* convertible-bonnet ram-type BOP



DSI dual-string interlocking shear ram.

Cameron DSI* dual-string interlocking shear rams are similar in design to DS* dual-string shear rams except for the interlocking feature of the rams. Arms on the upper ram prevent any vertical separation between the lower and upper blades.

The interlocking feature provides the capability of shearing wireline and braided cable with zero tension in the line. DSI rams do not utilize a foldover shoulder, and thus have the capacity to shear larger diameter pipe and casing.

Shearing action

The DSI ram shearing action is the same as that for DS rams except that when the rams first engage, any separation between the blades is eliminated.

BOP Availability

Type	Size, in	Rating, psi	Wireline Capable
U and UM BOPs	7 ¹ / ₁₆	3,000–10,000	Yes
U and UM BOPs	13 ⁵ / ₈ [†]	3,000–10,000	Yes

[†] High- and low-temperature capability.