



Common Types of Subs:

- Bit Subs / Crossover Subs – Connect drill bit to BHA or transition between threads
- Lift Subs / Handling Subs – Used for lifting BHA components during rig handling
- Top Drive Subs / Saver Subs – Protect top drive and reduce maintenance costs
- Workover Subs / Circulating Subs – Control fluid circulation rates

Rigid Wrenches

Genuine Rigid Pipe Wrenches are known for their strength and reliability. These heavy-duty tools feature cast-iron housings, I-beam handles, forged jaws, and self-cleaning threads. Size 48" are typically in stock along with a full range of spare parts.

Subs are usually part of most drill strings and have several functions. The main two being:

- Cross-over connections
- A component to extend the life of another drill stem member.

They are manufactured from high-grade alloy steel and heat-treated for durability, enabling them to handle heavy loads and high torque.

Applications:

Used in rotary drilling systems as crossover connectors or at high-wear locations where quick replacement of threads is required.

Features:

- Custom made to suit specific thread requirements
- Available with API threads
- Made from high-grade alloy or stainless steel
- Heat-treated for maximum strength and toughness

- **Contact us for more information regarding products** -