

GB CDE 3P – “Drilling with Casing” Connection (CDE 3P – Casing Drilling Enhanced with 3-Pitch Thread)

Applications

- **Running** Standard large OD Downhole Casing Applications.
- **Rotating** To Aid String Advancement.
- **Drilling** with Casing/**Drilling** with Liners.
- **Driving**

For use in non-abrasive environments.

Description

Specialty semi-premium connection machined from heavy-wall coupling stock and forged blanks. The **GB CDE 3P** Connection exceeds pipe body performance properties under all load combinations and is gas tight. Connection designed with 3-Pitch threadform for easy-stabbing, fast makeup without cross-threading. Innovative, triple taper thread design (box only) reduces localized bearing stresses in critical areas for improved fatigue resistance. Pin noses engage shoulders in the coupling center for positive indication of proper field makeup. Pin noses, designed for **maximum bearing face area**, provide high torque resistance.

Features

- Uses GB 3P threads.
- Easy-stabbing, fast makeup without cross-threading.
- Meets API Coupling OD and Drift Diameter Specifications.
- Field proven in a variety of static and dynamic applications.
- Excellent make/break repeatability under field conditions.
- Enhanced fatigue life.
- Can be inspected with standard API Thread Gauges by any properly trained/experienced Third Party (special setting standards required).
- Positive makeup indication with pin nose/shoulder engagement in center of connection. Also, has API Triangle Stamp on Pin for secondary makeup verification.
- Innovative Triple Taper Design reduces localized bearing stresses for enhanced fatigue resistance and reduced galling potential.
- Heavy cross-section at center of coupling provides hoop stability for enhanced leak resistance and reduced jump-out potential.
- High torque resistance.
- Drive-able.

Available

- Casing sizes 16” OD to 20” OD.
- All API Casing Grades and 16” OD through 20” OD Line Pipe; Grades X-56 and X-80.



GB CDE 3P

US Patent 7,347,459

GB 3P Thread (3 Threads per inch)

