

## GB CDE – “Drilling with Casing” Connection (CDE – Casing Drilling Enhanced)

### Applications

- **Running** Standard 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** Connection exceeds pipe body performance properties under all load combinations and is gas tight. Connections are designed with refined API BTC Threads and will make up with off-the-shelf API BTC threaded accessories. 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 API BTC Pin threads (Slightly Modified).
- Tighter diametric tolerances for enhanced performance.
- Meets API Coupling OD and Drift Diameter Specifications.
- Inter-changeable with API BTC accessories.
- Field proven in a variety of static and dynamic applications.
- Excellent make/break repeatability under field conditions.
- Enhanced fatigue life.
- Full Scale laboratory cyclic tests demonstrate enhanced fatigue life.
- Can be inspected with standard API Thread Gauges by any properly trained/experienced Third Party.
- 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 4 ½” OD to 20” OD.
- All standard casing grades up to Q-125.



**GB CDE**

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