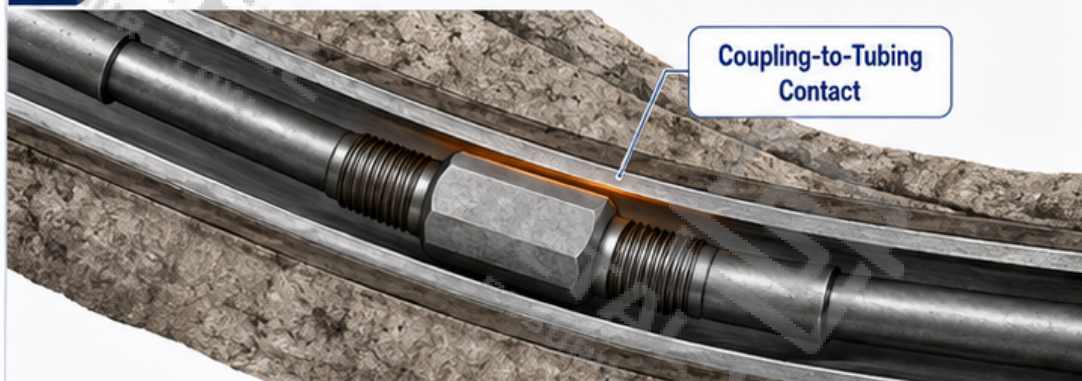


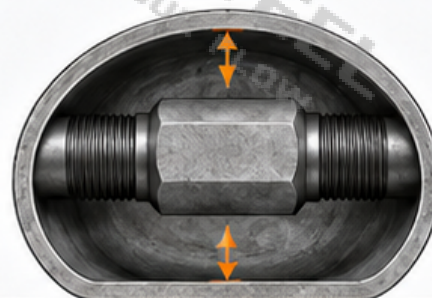
1 DEVIATED WELL



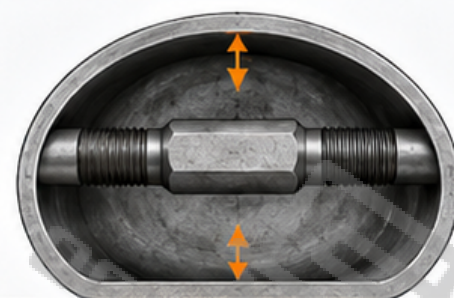
- Coupling contacts tubing wall in deviated sections, causing external wear.
- Check coupling OD and tubing clearance to ensure adequate running clearance.

2 RESTRICTED TUBING CLEARANCE

FULL-SIZE COUPLING

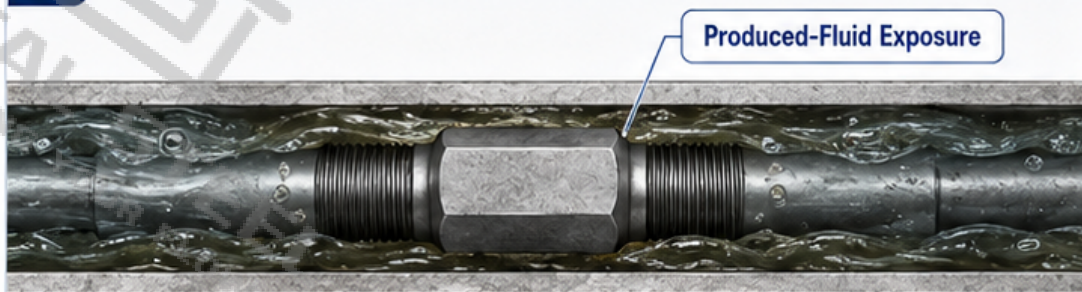


SLIM-HOLE COUPLING



- Limited radial space requires reduced OD to maintain clearance.
- Compare full-size and slim-hole coupling configurations for fit.

3 CORROSIVE PRODUCTION SERVICE



- Coupling is exposed to produced fluids and cyclic stress.
- Material and specified surface configuration depend on actual service environment.

4 HIGH-LOAD / DEEPER WELL



- Increased suspended rod-string load results in higher cyclic demand.
- Verify connection capacity and compatibility with surrounding rod design.



ROD CONNECTION

Define rod size, thread form, and grade.



WELL CONDITION

Evaluate deviation, clearance, fluids, and load conditions.



COUPLING OD

Select OD (full-size or slim-hole) for required clearance.



CLASS / MATERIAL

Choose coupling class and material suitable for service.

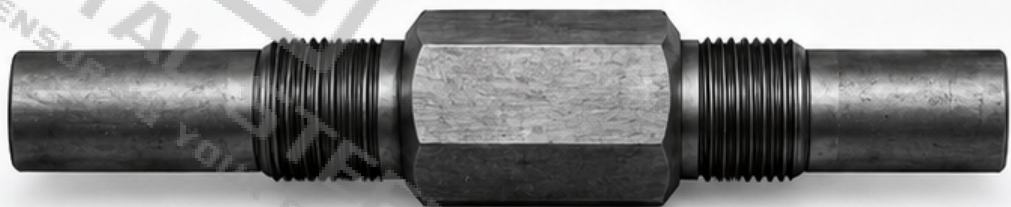


SURFACE REQUIREMENT

Specify surface preparation or coating per service needs.

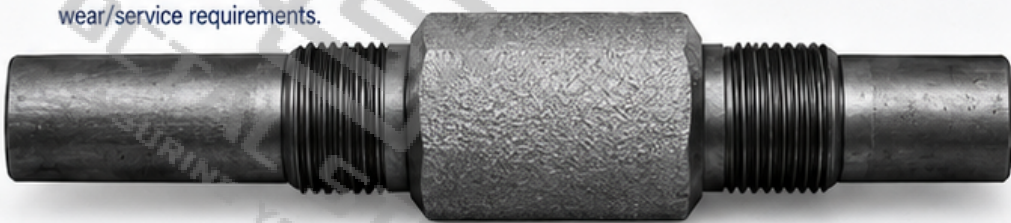
1 CLASS T

Conventional through-hardened steel coupling configuration.



2 SM

Spray-metal surface configuration where specified for relevant wear/service requirements.

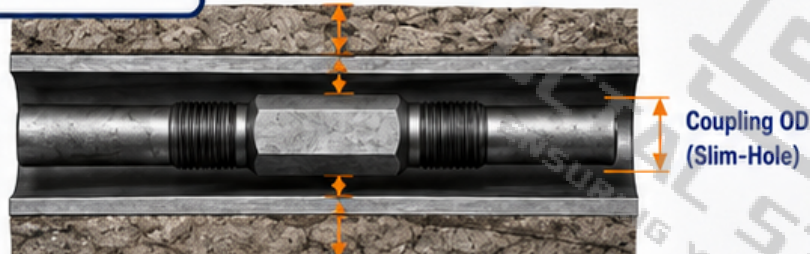


3 FULL-SIZE

Standard coupling outside-diameter configuration.



Reduced coupling OD used where increased tubing clearance is required.



Connection Compatibility Comes First

Rod Size + Pin/Thread + Coupling Configuration + Service Condition

This logic controls the specification.



CLASS / SURFACE CONFIGURATION

→ Applies to Class T and SM

OD CONFIGURATION

→ Applies to Full-Size and Slim-Hole



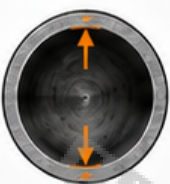
These may be specified together as part of one coupling selection.

1 CLASS / SURFACE DIMENSION



- Select Class T for standard service requirements.
- Select SM when specified for relevant wear/service needs.

2 OD / CLEARANCE DIMENSION



- Select Full-Size for standard clearance.
- Select Slim-Hole when increased clearance is required.

3 MATCH TO PIN / THREAD SYSTEM



- Verify rod size.
- Confirm pin/thread form, type, and grade.
- Ensure proper connection compatibility.

4 CONFIRM SERVICE REQUIREMENT



- Evaluate well deviation, fluids, cyclic load, and environment.
- Confirm configuration meets service needs.

Sucker Rod Coupling Inspection and Traceability

Systematic inspection and complete traceability ensure coupling connection integrity and reliable well performance.



RELEASE RECORDS & TRACEABILITY CHAIN



Auditable records. Traceable components. Confident performance.

Every inspection step is recorded to support full traceability from material to delivered coupling.



Important Notes

- Follow project or company ITP and applicable standards.
- Use calibrated tools and approved gauges.
- Maintain complete and legible inspection records.

Sucker Rod Coupling Project Supply and RFQ Inputs

OCTAL STEEL COORDINATED SUPPLY

Coordinated rod-string component family available to match your project requirements.

Sucker Rods



Load-carrying rods available in multiple sizes, grades and lengths.

Pony Rods



Short-length adjustment rods used for length correction and connection.

Sucker Rod Couplings



Connections that join adjacent rod sections and transfer cyclic loads.

Polished Rods



Connect the surface pumping unit to the sucker rod string.



Not every project requires all components. Supply is aligned with actual rod-string design and service conditions.

RFQ INPUTS

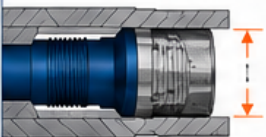
RFQ Input	Provide / Specify
Nominal Rod Size	e.g., 5/8 in., 3/4 in., 7/8 in., 1 in., 1-1/8 in.
Mating Component	Sucker rod, pony rod, or polished rod
Pin / Thread Connection	Pin size (male) / Internal thread size (female)
Coupling Type	Full-size coupling or slim-hole coupling
Coupling Class	API Class T, SM, or other as specified
API Spec 11B Requirements Where Specified	Dimensions, material, heat treatment, marking, testing, and documentation
New Installation / Workover / Replacement	Indicate application for proper planning
Well / Service Condition	Depth, temperature, H ₂ S / CO ₂ , corrosive, abrasive, deviation, load, cycle, etc.
Inspection Requirements	Dimensional checks, thread gauges, visual inspection, other as specified
Documentation Requirements	Mill certificates, traceability, inspection reports, compliance records, etc.

TECHNICAL SUPPORT



Connection Matching

Verify pin and internal thread compatibility with the mating rod component.



Coupling Configuration Review

Confirm coupling type (full-size or slim-hole), OD and clearance for the specific application.



Inspection & Traceability

Define inspection scope and record keeping to ensure component traceability and project compliance.



Packing & Shipment Coordination

Protect components with appropriate packing and coordinate delivery to match project schedule.



Rod-String Requirement



Connection Matching



Coupling Selection



Inspection



Documentation



Packing & Shipment



Accurate inputs enable proper coupling selection and reliable rod-string performance. Provide complete information to reduce risk and avoid delays.