







Order Configuration and Dimensional Reference

3-1/2 Inch Drill Pipe Export Order for Kenya

ORDER OVERVIEW (CONFIRMED)		
	Destination:	Port of Mombasa, Kenya
	Product:	API 5DP 3-1/2 Inch Drill Pipe
	Grade:	X95
	Upset Type:	EU
	Connection:	NC38
	Length Range:	R2

3-1/2 INCH X95 DRILL PIPE — SPECIFICATION SUMMARY	
Parameter	Value
Pipe-Body OD	3.500 in. / 88.9 mm
Nominal Weight	13.30 lb/ft / approx. 19.8 kg/m
Nominal Wall Thickness	0.368 in. / 9.35 mm
Calculated Pipe-Body ID	2.764 in. / approx. 70.2 mm
Release Focus	Internal clearance, connection gauging, weld area and traceability

KEY NOTES

- The calculated pipe-body ID is based on nominal OD and nominal wall thickness.
- Internal clearance in service depends on the complete finished joint (including connection profile, shoulders, coatings and wear).
- All joints must pass the approved drift and connection gauges prior to release.

PIPE-BODY ID CALCULATION (DIMENSIONAL REFERENCE)

$$3.500 \text{ in.} - 2 \times 0.368 \text{ in.} = 2.764 \text{ in.}$$

Pipe-Body OD

2 × Nominal Wall Thickness

Calculated Pipe-Body ID

Pipe Body

Nominal Wall Thickness

EU Upset

Pipe-Body OD

Calculated Pipe-Body ID

RELEASE FOCUS




- ✓ Internal clearance
- ✓ Connection gauging
- ✓ Weld area
- ✓ Traceability



TECHNICAL NOTE: The calculated pipe-body ID is a dimensional reference only. The approved drift must pass through the complete finished joint.

Internal Clearance and Size Control Review

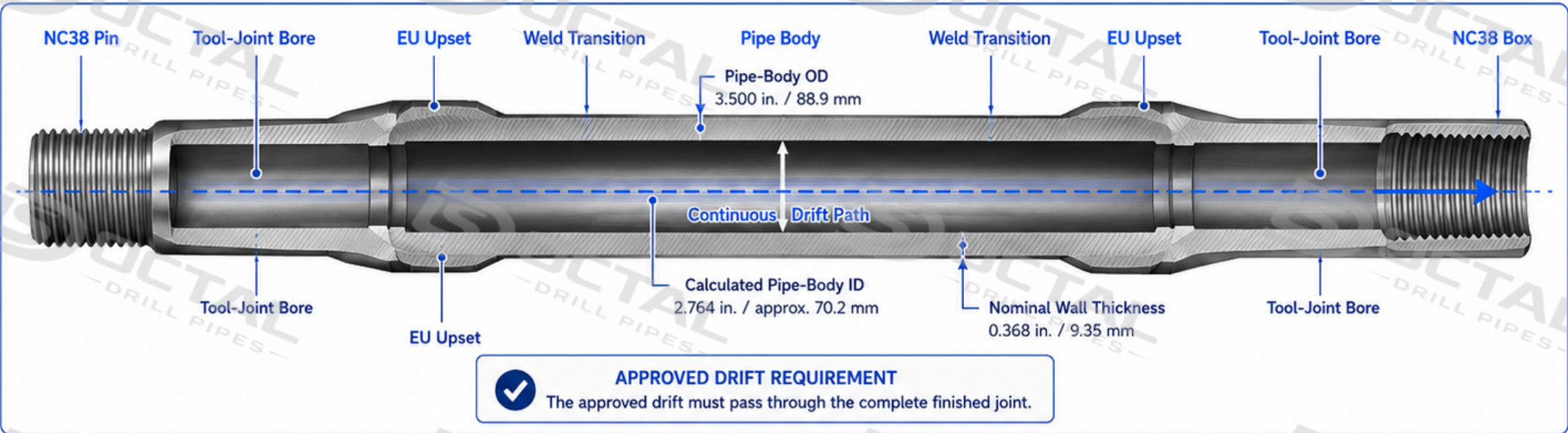
API 5DP 3-1/2 Inch Drill Pipe – NC38 Connection – Grade X95 – Length Range: R2

PRODUCT OVERVIEW		
	Product:	API 5DP 3-1/2 Inch Drill Pipe
	Grade:	X95
	Connection:	NC38
	Length Range:	R2










KEY DIMENSIONAL DATA (CONFIRMED)	
Pipe-Body OD	3.500 in. / 88.9 mm
Nominal Wall Thickness	0.368 in. / 9.35 mm
Calculated Pipe-Body ID	2.764 in. / approx. 70.2 mm


DIMENSIONAL CONTROL FOCUS

Maintain a continuous internal passage with no restrictions. All critical dimensions must comply to ensure the approved drift passes through the complete joint.




 **APPROVED DRIFT REQUIREMENT**
The approved drift must pass through the complete finished joint.

Inspection Item	What Must Be Confirmed
 Pipe-body OD	Nominal size and dimensional consistency
 Out-of-roundness	No excessive local deformation
 Wall thickness	Nominal configuration and required minimum
 Pipe-body bore condition	Clean and unobstructed bore
 Upset bore continuity	Smooth transition and bore continuity
 Tool-joint bore continuity	No restriction through the finished joint
 Straightness	Acceptable full-length straightness
 End alignment	Pin and box alignment maintained
 Full-length drift passage	Approved drift passes through complete joint

 **POTENTIAL RESTRICTION POINTS**

- tool-joint bore
- upset transition
- bore mismatch
- local deformation
- weld transition condition

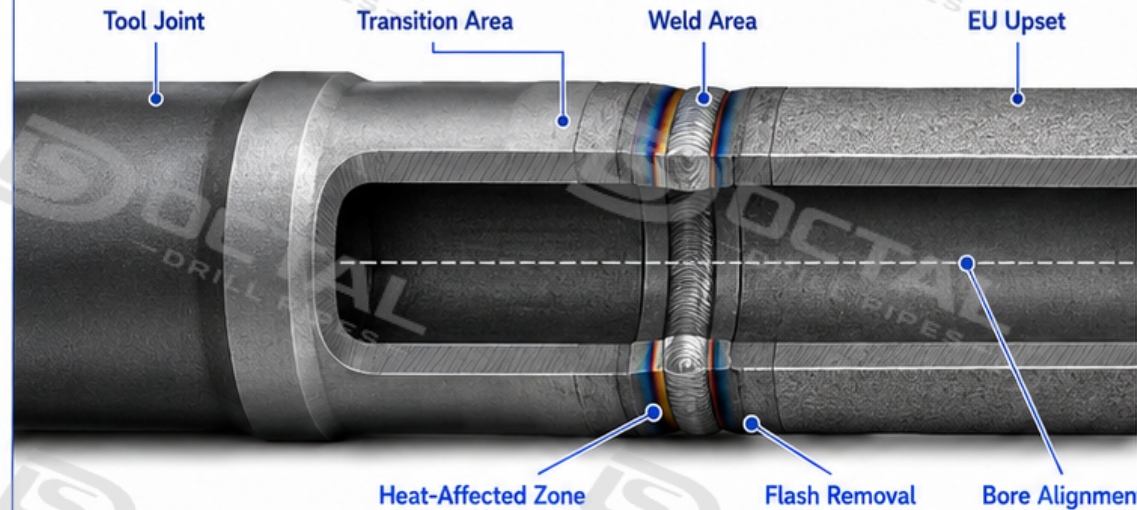
 **The smallest finished bore controls tool passage and drift acceptance.**

1 X95 Grade

Grade:	X95
Minimum Specified Pipe-Body Yield Strength:	95,000 psi

i Grade selection should also consider tensile load, torque, bending and fatigue exposure.

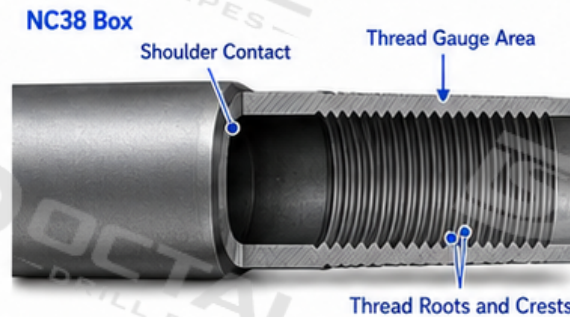
2 Weld Area Review



WELD AREA CHECKLIST

- ✓ flash removal condition
- ✓ weld surface condition
- ✓ HAZ condition
- ✓ internal bore continuity
- ✓ abnormal grinding marks
- ✓ traceability to joint or lot
- ✓ applicable NDT review

3 NC38 Connection Inspection



Protector Installation

Install pin and box protectors after inspection and prior to transport or storage.



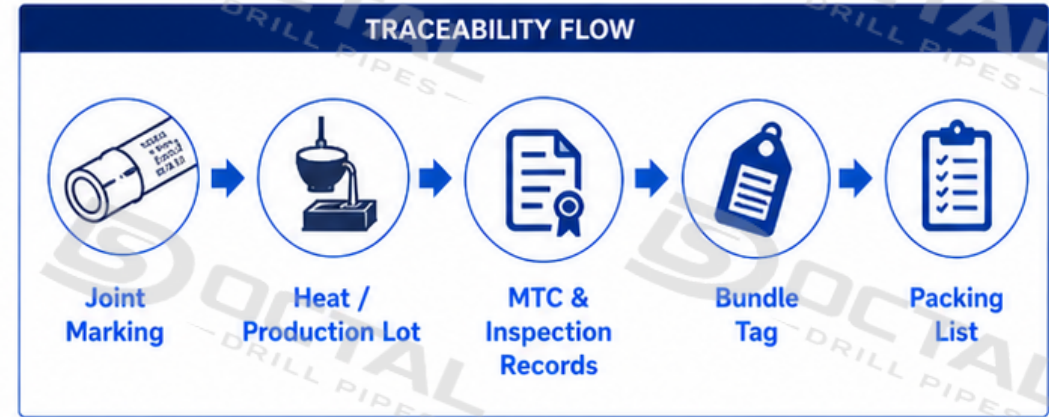
Tool-Joint Bore Continuity

Verify unobstructed bore through the tool joint matches approved configuration.

Inspection Point		Release Focus
	Connection identity	Confirm NC38 marking and records
	Threads	Correct form and gauge acceptance
	Shoulder	Clean and undamaged
	Tool-joint bore	Match approved configuration
	Alignment	Pin and box axes aligned
	Protectors	Installed after release

Release Checklist, Traceability and Export Packing

RELEASE CHECKLIST		
Release Item	Control Objective	
1	Product identity	Match size, grade, weight, upset, connection and length
2	Material traceability	Link marking to heat number and MTC
3	Dimensional acceptance	Confirm OD, wall, length and straightness
4	Drift acceptance	Confirm full-joint passage
5	Weld-area review	Confirm release condition and records
6	NC38 inspection	Confirm threads, shoulders and alignment
7	Bundle identification	Match bundle tags and packing list
8	Export protection	Protect connections during handling and transport



DOCUMENT PACKAGE (TYPICAL)	
	• MTC
	• dimensional report
	• drift result
	• connection records when required
	• NDT records when required
	• packing list
	• shipping documents

ORDER SUMMARY (CONFIRMED)	
Product	API 5DP 3-1/2 Inch Drill Pipe
Destination	Port of Mombasa, Kenya
Grade	X95
Upset Type	EU
Connection	NC38
Length Range	R2
Release Focus	internal clearance, connection gauging, weld area and traceability

NOTE: Prepared as a dimensional, connection and export-release reference for 3-1/2 Inch X95 Drill Pipe.