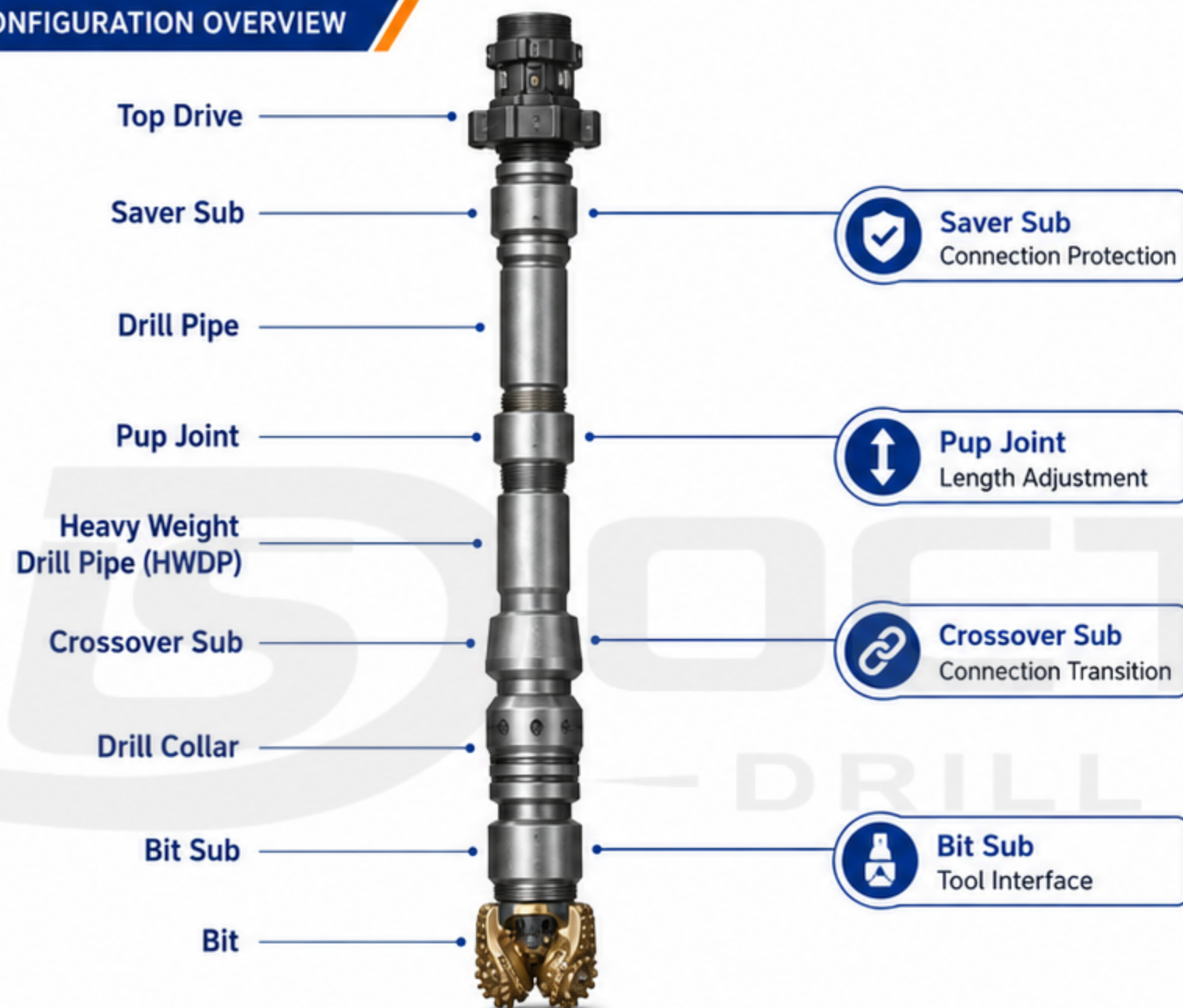


Drill String Configuration and Accessory Position Overview

PAGE 1 - CONFIGURATION OVERVIEW

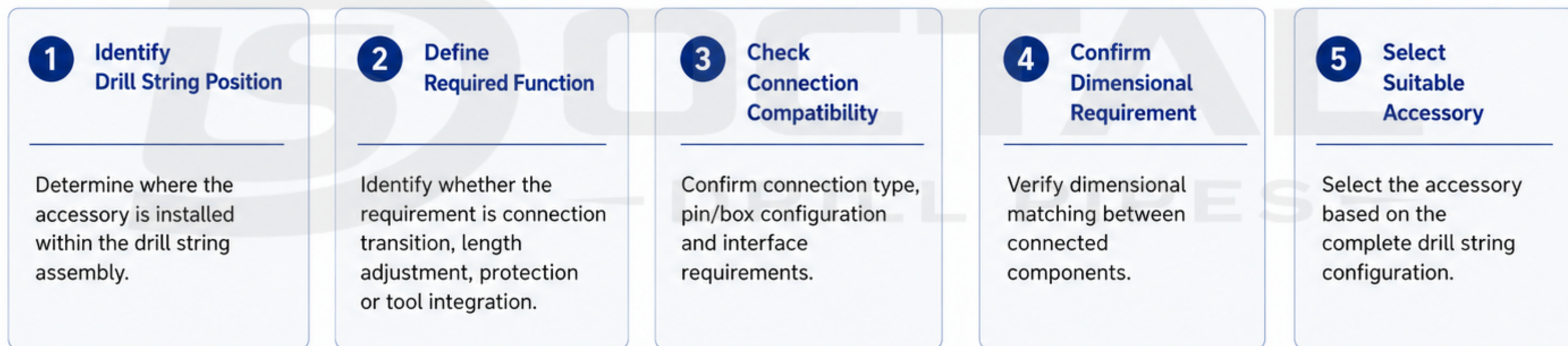
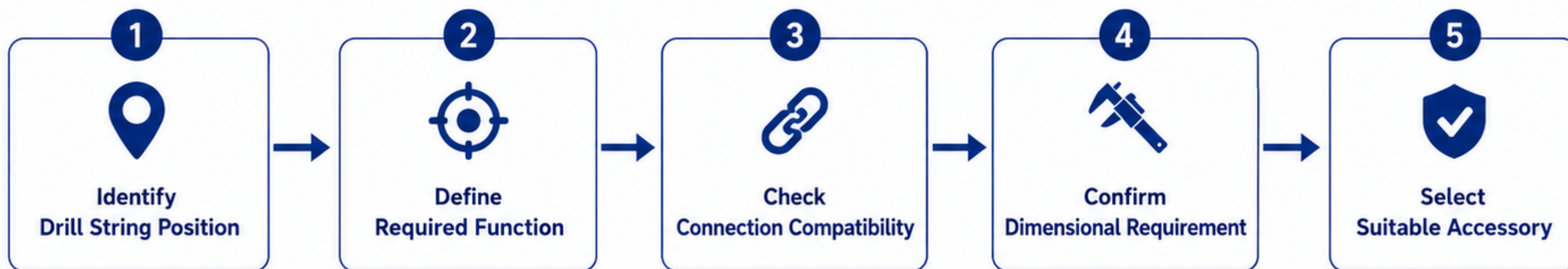


Configuration Determines Accessory Requirement

Different positions within the drill string create different requirements for connection transition, length control, connection protection and tool integration.

Accessory Selection Logic Based on Drill String Configuration

PAGE 2 - SELECTION LOGIC



Accessory selection should follow drill string requirements, not product category alone.

Common Accessory Selection Considerations

Engineering Requirement	Selection Focus
 Connection Transition	Thread system, shoulder interface and connection compatibility
 Length Adjustment	Required spacing and assembly arrangement
 Connection Protection	Connection wear condition and operating frequency
 Tool Integration	Interface matching with drilling equipment



 A suitable accessory is selected by matching the drilling requirement, configuration position and connection conditions within the complete drill string assembly.