

Drill Stem Valves

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Introduction

This standard has been developed by users/purchasers and suppliers/manufacturers of drill string valve equipment intended for use in the petroleum and natural gas industry worldwide. It is intended to give requirements and information to both parties in the selection, manufacture, testing, and use of these valves. The standard addresses requirements that set the minimum parameters with which the supplier/manufacturer will need to comply to claim conformity to this standard.

Users of this standard should be aware that further or differing requirements might be needed for individual applications. This standard is not intended to inhibit a supplier/manufacturer from offering, or the user/purchaser from accepting, alternative equipment or engineering solutions. This may be particularly applicable where there is innovative or developing technology.

See [Figure 1](#) for a general example of a drill stem assembly.

Drill Stem Valves

1 Scope

This standard specifies the minimum design requirements for the following drill stem valves: drill pipe float valves, kelly valves, and inside blow out preventers (See [Figure 1](#)).

Qualification of items are intended to be independent for any of the components listed above. This standard does not cover maintenance and inspection once the valve has left the manufacturer and is in operation.

Kelly valve requirements, which were formerly covered in API Specification 7-1, are now superseded by the content in this document once published.

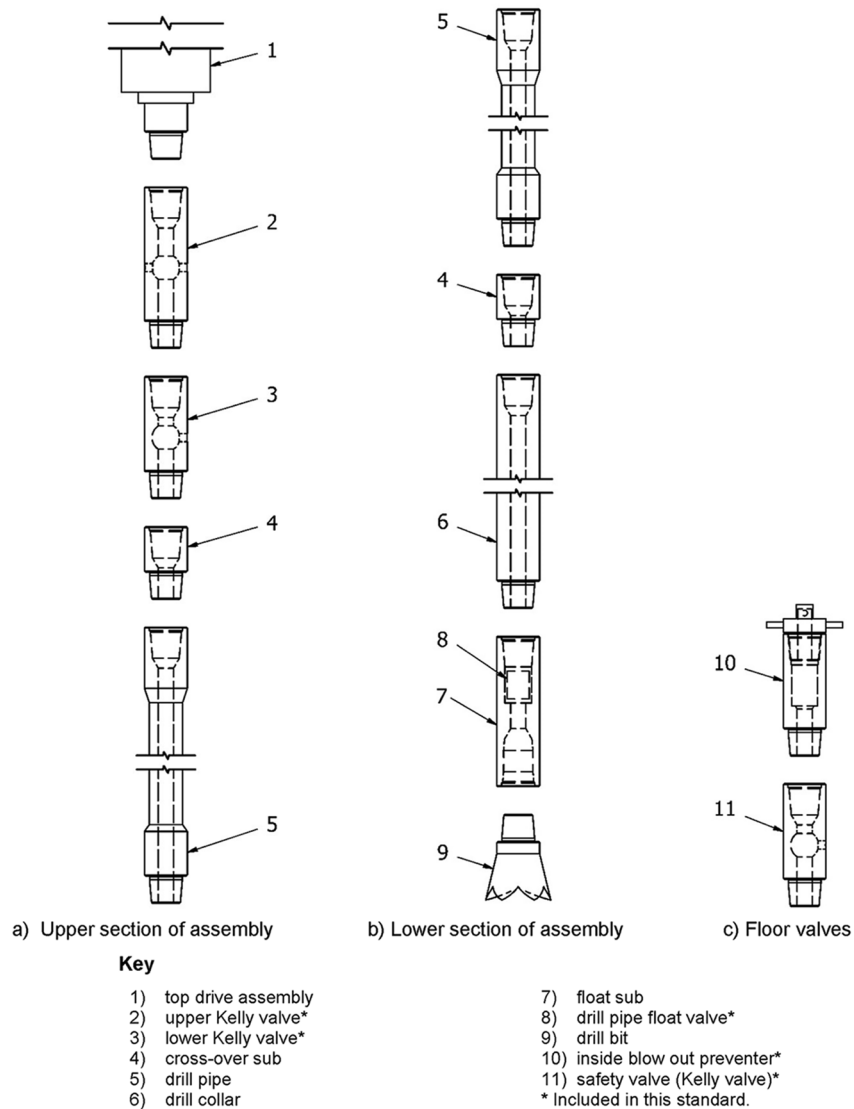


Figure 1—Drill Stem Assembly General Example