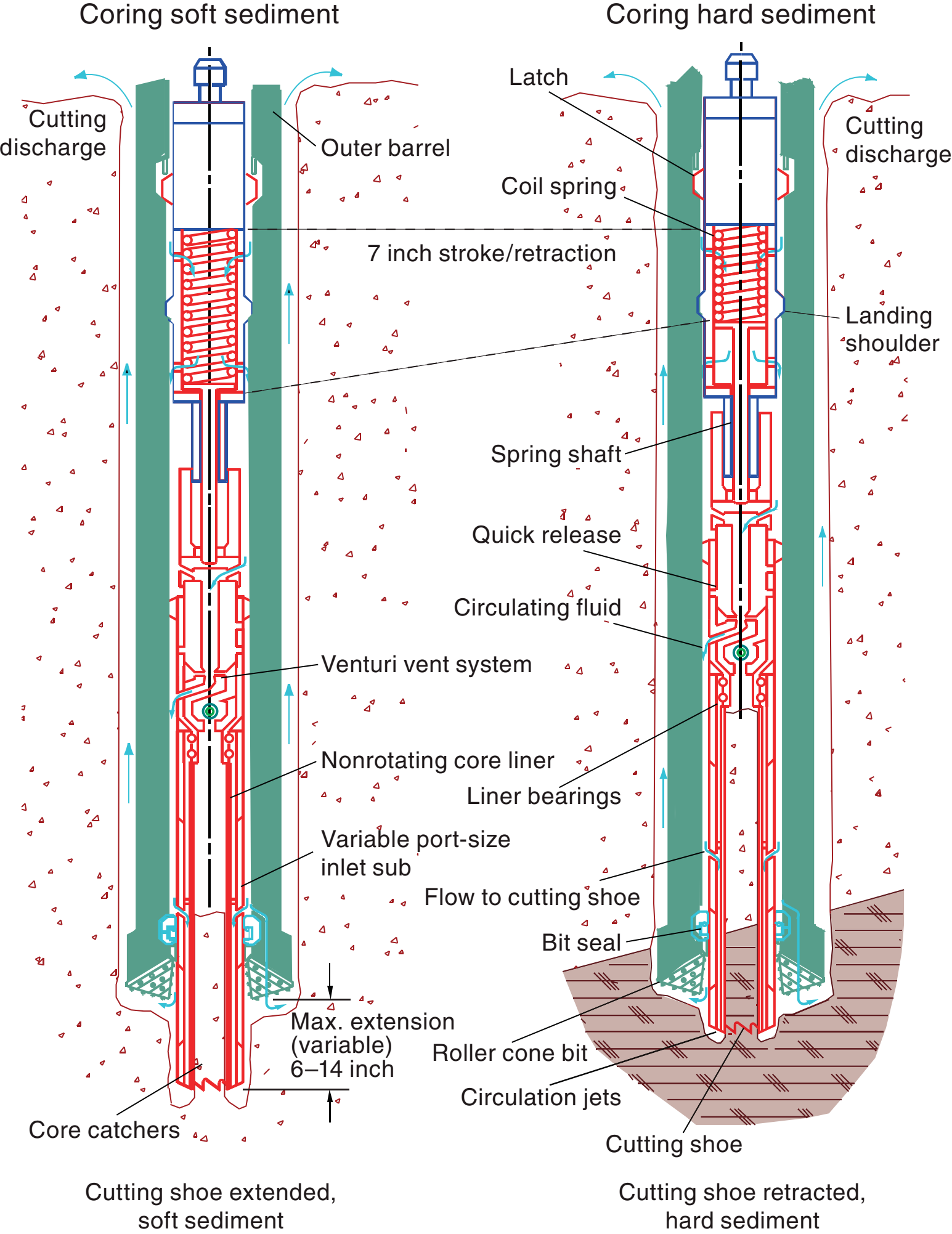
Coring soft sediment
Coring hard sediment
Cutting discharge
Outer barrel
Latch
Coil spring
7 inch stroke/retraction
Cutting discharge
Landing shoulder
Spring shaft
Quick release
Circulating fluid
Venturi vent system
Nonrotating core liner
Liner bearings
Variable port-size inlet sub
Flow to cutting shoe
Bit seal
Max. extension (variable) 6–14 inch
Roller cone bit
Circulation jets
Core catchers
Cutting shoe
Cutting shoe extended, soft sediment
Cutting shoe retracted, hard sediment