

# SUMMIT

CASING EQUIPMENT

## RAZER

### REAMER SHOE

Summit Razer Reamer Shoe features a design that guides casing to total depth faster and more efficiently by overcoming challenging wellbore obstructions, such as bridges, high local doglegs, cutting beds, ledges, sloughing formations, and deviated holes.

The Razer Reamer is designed with a unique eccentric guide nose that maximizes maneuverability around obstructions while minimizing the amount of material removed during drillout. Tungsten Carbide profiled pads are located on the Razer body, allowing the Reamer to pass through tight spots while providing positive flow distribution for the debris to flow uphole and eliminate disturbances. The spiral blades assist in centralization and hole conditioning while also preventing casing damage from the Tungsten Carbide pads by providing a positive standoff between the casing ID and the pads.

The Razer Reamer Shoe is PDC drillable, and it incorporates Summit's proven Pro Guard valve, which has been engineered and tested to exceed the API 10F specification requirements. A variety of sizes, casing grades, weights, threads, and valve configurations are available.

To learn more, visit

[SUMMITCASING.COM](http://SUMMITCASING.COM)

or call (877) 860-0969

## FEATURES

Reamer Shoe is PDC drillable

Eccentric nose minimizes the amount of material needed to be drilled out

Six robust Tungsten Carbide profile pads effectively navigate through obstacles

Spiral blades provide centralization and hole conditioning, and prevent casing damage

Incorporates Summit's proven Pro Guard valve, engineered and tested to exceed API 10F

Designed to provide a positive flow distribution to remove debris and prevent disturbances

Custom designs for ODs, drillouts, casing grades, temperature, and pressure capability



Headquartered in Fort Worth, TX

Houston, TX / Midland, TX / San Antonio, TX / Greeley, CO / Williston, ND / Canton, OH / Norman, OK / Woodward, OK / Montoursville, PA / Washington, PA