

CaseBit™ Casing While Drilling

Product:

CaseBit is used on casing strings to drill and/or set casing in one trip to T.D. eliminating additional trips and ensuring uninhibited delivery and positioning of the casing string every time. This product combines industry recognized PDF drill bit technologies, force balancing, cutting structure wear modelling, and computational fluid analysis with flexible manufacturing technology.

Features:

- Asymmetric raised blades, blind holes, and other disconformities to accelerate during drill out and improve breakup.
- Pressure controlled rupture port allows for continuous flow of drilling fluids or cement in the event of nozzle/port plugging
- Wide-open hydraulics approach limits body erosion, accommodates wide range of flow rates, and eliminates need for specialty nozzles
- Cutting structure optimized using proprietary SPOT-DN® Software
- Drillable alloy with PDC drill bit
- Full thru-bore after drill out
- Flow ports offering 360° flow area

Options:

- Material choice driven by erosion concerns and finished diameter of product
- Fully flexible design available with varying blade count, tool OD, casing weights and premium connections
- All API and premium connections available
- All material casing grades available

