

## Application Bulletin

### Oil & Gas

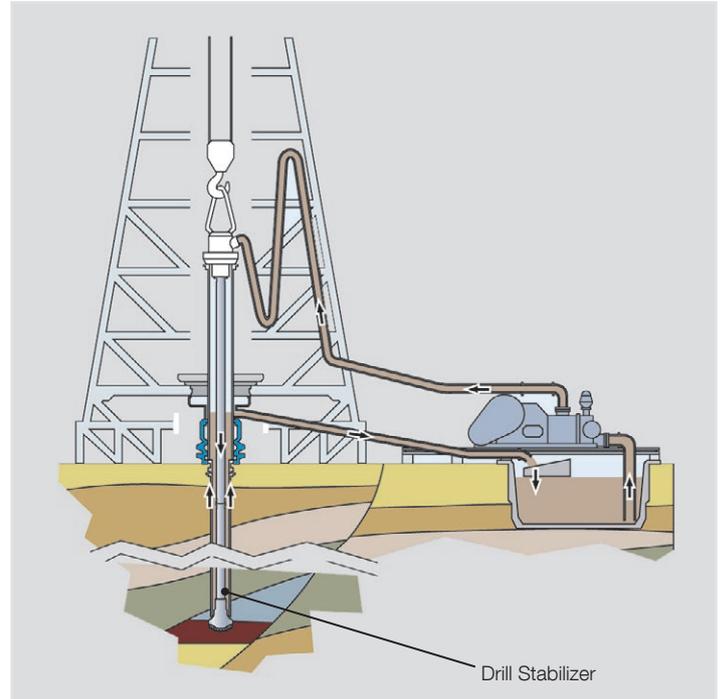
### Down Hole Tools – Drill Stabilizer

**Drill stabilizers prevent unintentional sidetracking and vibration of the bottomhole assembly. While drilling, the stabilizer blades are subject to extreme slurry abrasion. Sand or gravel exposure results in additional impact and slurry erosion wear. Damage to the blades can result in an undesired drillstring trip for change out.**

#### The Metco Joining & Cladding Solution

Protect drill stabilizers using wear- and abrasion-resistant Metco Joining & Cladding carbide materials applied by laser cladding, PTA or MIG welding processes.

- Extend drill stabilizer service life
- Reduce replacement costs
- Increase drilling uptime



#### Recommended Metco Joining & Cladding Products

Metco 51060A	For laser cladding with low quench porosity and high hardness
Metco 50050A	High hardness carbide for blending with your laser cladding matrix alloy
PlasmaDur 51142	High hardness, macrocrystalline carbide blend material for PTA welding
WokaDur NiE-TM	For high hardness and abrasion resistance using MIG welding

#### More Information

DSM-0233
DSM-0293
DSM-0246
DSM-0325

Information is subject to change without prior notice.