

Application Bulletin

Oil & Gas

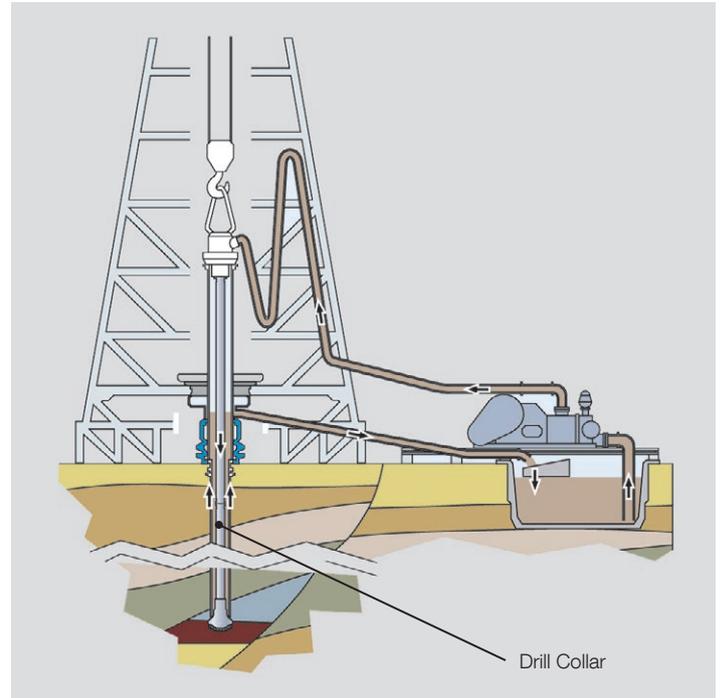
Down Hole Tools – Drill Collar

As an essential component of a oil rig drillstring, the drill collar adds weight to the bit so as to effectively break rock. Usually comprised of steel or carbon steel, drill collars are subject to abrasion and slurry erosion that limits their down hole life and increase project maintenance costs.

The Metco Joining & Cladding Solution

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

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



Recommended Metco Joining & Cladding Products

More Information

Metco 51060A	For laser cladding with low quench porosity and high hardness	DSM-0233
Metco 50050A	High hardness carbide for blending with your laser cladding matrix alloy	DSM-0293
PlasmaDur 51142	High hardness, macrocrystalline carbide blend material for PTA welding	DSM-0246
WokaDur NiE-TM	For high hardness and abrasion resistance using MIG welding	DSM-0325
WokaDur NiE-Tube	For good hardness and high abrasion resistance using MIG welding	DSM-0325

Information is subject to change without prior notice.