

5.5” TMK OMEGA Bridge Plug

Description and Features

TMK OMEGA Bridge Plug is a composite solid-body plug designed for temporary zonal isolation during multi-stage completion operations. Its composite construction facilitates fast and efficient drill out with minimal cuttings size. Both composite and cast slip versions are available.

TMK OMEGA Bridge Plug can be set with Baker #10, Baker #20 or a compatible setting tool. Once set, the plug blocks fluid communication between two zones while the upper zone is being stimulated. The plugs must be drilled out following the hydraulic fracturing operation and before flowback can begin.

TMK OMEGA Bridge Plugs are rated to 10,000 psi at +300°F and conform with API Specification 11D1 min. Grade V4 design validation requirements.

Technical Specifications

Standard Size (mm/in)	139.7/5.500
Maximum OD (mm/in)	113.8/4.480
Overall Length (mm/in)	725.4/28.56
Max. Diff. Pressure (Mpa/psi)	70/10000
Max. Temperature (°C/°F)	150/302
Elastomer & Seals Standard	HNBR 90/HNBR 70/ HNBR 90
Elastomer & Seals Optional	Upon Request
Max Shear Screw Quantity	6
Standard Tool Material	Fiber Wound Composite
Drill Out Time (min)	15 minutes
Slips	Cast (composite optional)
Casing Weight	20# & 23#
Typical Setting Force (daN/lbf)	11120/25000



Note: Specifications are subject to change without notice.