

# DEEP DGR Casing Packer



## Overview

The DEEP DGR Casing Packer is a high-pressure compression-set double grip retrievable (DGR) service packer designed and tested for the most hostile environments. The DEEP DGR is made with high-grade superalloys and sour-tested low-alloy steel, and uses tungsten carbide slips to grip high-strength casing typically present in high-pressure wells.

The large internal bypass prevents swabbing during the trip in or out of the well and allows high volume circulation. Pressure below the element acts to hold the bypass closed during injection operations. Additionally, pressure below the element forces the upper slips into the casing to prevent the Packer from being pumped upward. The Packer is set by right-hand rotation at the tool and slacking off the desired weight to pack off the annulus. Pick up the string to open the bypass and unset the Packer.



### Applications

- Inflow Testing / Drill Stem Testing
- Tubing-conveyed perforating
- High pressure / high temperature testing
- Stimulation / Fracking
- Storm Packer



### Features

- Up to 15,000 psi differential pressure-rated across the element
- Up to 400°F service rating
- Three-piece composite element system optimized for high-pressure well testing conditions
- NACE MR0175:2015 compliant materials (e.g. nickel alloys, sour-service low-alloy steel)
- Coated or plated tubing flow-wetted components for additional corrosion and wear resistance
- Large internal concentric bypass reduces swabbing and allows forward and reverse circulation below the packer element without fully unsetting.
- Torque transmission through slips into casing when set
- Tungsten carbide slips allow multiple sets in the hardest casings
- Custom J-profiles available for different setting applications



### Available Sizes

5 1/2"	7"	9 5/8"
17.0 lb/ft	26.0 lb/ft	47.0 lb/ft
20.0 lb/ft	29.0 lb/ft	53.5 lb/ft
23.0 lb/ft	32.0 lb/ft	58.4 lb/ft
26.0 lb/ft	35.0 lb/ft	