## WELL COMPLETION TOOLS



## SMR-D LARGE BORE DOUBLE GRIP RETRIEVABLE PACKER

Large Bore Model SMR-D Double Grip Retrievable Casing Packers are used in production, stimulation and testing operations where maximum I.D. is required.

Their hydraulic hold down is below the pressure equalization valve. They feature a proven three element packing system and a balance sleeve device to assist in keeping the by-pass closed. They are available for  $5 \ 1/2$ " through  $7 \ 5/8$ " casings.

## Features:

- Sets securely in any hardness casing, including premium grades
- Three-piece packing element system
- Hydraulic hold down button unit with large internal flow path located below the bypass valve to reduce element swabbing and button wicker dulling
- Surface controlled combination bypass and equalizing valve
- Tubing pressure actuated collet lock to eliminate excessive set down weight requirements
- Rocker type Slips
- Parts are interchangeable with other manufacturers
- Large bore

| SPECIFICATIONS |           |           |               |         |         |         |                    |
|----------------|-----------|-----------|---------------|---------|---------|---------|--------------------|
| Part number    | Casing OD | Casing Wt | Setting range |         | Tool OD | Tool ID | Connection thread  |
|                | (in)      | (lbs/ft)  | Min(in)       | Max(in) | (in)    | (in)    | connection tifledu |
| D45-1550-120   | 5 1/2     | 20-23     | 4.625         | 4.778   | 4.5     | 2 3/8   | 2 7/8"-8RD EU      |
| D45-1550-140   |           | 15.5-20   | 4.778         | 4.95    | 4.64    |         |                    |
| D45-1550-200   | 5 1/2     | 13-15.5   | 4.95          | 5.19    | 4.78    |         |                    |
|                | 5 3/4     | 22.5      |               |         |         |         |                    |
|                | 6         | 26        |               |         |         |         |                    |
| D45-1700-140   | 6 5/8     | 17-20     | 5.938         | 6.135   | 5.81    | 3       | 3 1/2"-8RD EU      |
|                | 7         | 32-35     |               |         |         |         |                    |
| D45-1700-220   | 7         | 26-29     | 6.136         | 6.276   | 5.97    |         |                    |
| D45-1700-520   |           |           |               |         |         |         |                    |
| D45-1700-240   |           | 20-26     | 6.276         | 6.456   | 6.08    |         |                    |
| D45-1700-320   |           | 17-20     | 6.454         | 6.578   | 6.27    |         |                    |
| D45-1700-340   | 7 5/8     | 33.7-39   | 6.579         | 6.797   | 6.45    |         |                    |
| D45-1700-420   |           | 24-29.7   | 6.798         | 7.025   | 6.67    |         |                    |
| D45-1700-440   |           | 20-24     | 7.025         | 7.125   | 6.81    |         |                    |



