

Plug and Retainer Kit (P&R Kit)

The Plug and Retainer Kit is a one-trip system which includes a Hydraulic and Mechanical Release System. It is used with our Casing Annulus Packer (CAP) that have a 3 ft. seal element or longer. The assembly is run into open hole in vertical or horizontal applications for shutting off water from the toe of the well, or providing a kick-off point in directional wells. The system also provides a means for squeezing cement into loss circulation or water zones below the packer, after it is inflated. The system is incorporated with Dual Valve Float Shoe and Latch-In Dart System to prevent back flow after squeezing cement, converting the system into a Bridge Plug.

Provide Solutions For:

- Cement plug for open hole kick-off
- Horizontal water shut-off

Features:

- One-trip system run on drill pipe
- Compatible with standard Casing Annulus Packers
- Cement plug with tail pipe for balance plug
- Includes all components required for converting a packer into a Bridge Plug or Cement Retainer
- Positive Dual Latching Dart system to prevent back flow after disconnecting
- Rotary Shoulder top connection

Dimensional and Engineering Data

Size*	Top Connector	Packer OD	Element Length	OAL
4-1/2	3-1/2 IF	5.56"	3 ft – 20 ft	219.75" – 455.75"
5-1/2	3-1/2 IF	6.56"	3 ft – 20 ft	219.75" – 455.75"
5-1/2	3-1/2 IF	7.50"	10 ft – 20 ft	219.75" – 455.75"
6-5/8	3-1/2 IF	7.69"	10 ft – 20 ft	222.7" – 455.75"
7	3-1/2 IF	8.06"	10 ft – 20 ft	222.7" – 455.75"
9-5/8	3-1/2 IF	10.88"	10 ft – 20 ft	224" – 408"



General Product Sheet

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