



Logan HE “PRS” Packer Milling and Retrieving Tool

USE: The Logan HE Series "PRS" Packer Milling and Retrieving Tool is a combination of Logan HE products assembled to complete all of the following in one trip:

1. Mill over a full bore packer until it releases
2. Catch the packer
3. Retrieve the packer

During all these steps, the spear may be released at any time.

FEATURES: The "PRS" Tool is composed of the PRS Packer Retriever Spear, Extension, Mill Body and Replaceable Mill or Long Rotary Shoe. The entire system can be furnished with special locked joint connections which prevent any possibility of whip-off during the milling operation. Circulation can be preset to occur at the mill, through the spear, or both.

The Logan HE Packer Mill Body has an API connection up and an extension connection down while the O.D. is threaded to receive either a mill shoe or a rotary shoe. This threading arrangement permits rapid replacement of mills.

The Logan HE Replacement Mill or Rotary Shoe saves time and prevents stress damage to the mill body during dressing.

OPERATION: Make up the PRS Spear with proper slip for bore of packer to be retrieved, Extensions, Mill Body and Mill Shoe or Rotary Shoe. Other tools recommended to be run above the assembly are the Logan Junk Sub and the Logan Bumper Sub.

Lower the entire Milling Assembly until the PRS Spear passes through the bore of the packer. The Mill Shoe can now mill away the holding slips and packing element of the packer. The string is raised and the PRS Spear will engage and retrieve the packer. Should the packer drop when the slips are milled away, the PRS Spear will catch it and allow retrieval.

Logan HE “PRS” Packer Milling and Retrieving Tool Specifications

Casing size (Inches)	2-7/8-3-1/2	4-5	5-1/2-7	7-9-5/8	9-5/8-13-3/8
Standard pin conn.	1-13/16 WFJ (NS) Box	2-3/8 API Reg.pin	2-7/8 API Reg. pin	3-1/2 API Reg.pin	4-1/2 API Reg.pin
Complete assembly Part No. Short shoe dressed' Req'd.	15012 1	15014 1	15016 1	15018 1	15020 1
Complete assembly Part No. Long shoe dressed' Req'd.	- -	15015 1	15017 1	15019 1	15021 1

*When ordering larger sizes, please specify slip catch and make, model and I.D. of Packer to be caught.