

PACKER PICKER – SLICK BORE

APPLICATION

- Retrieval of Drillable Production Packers

FEATURES

- Non-rotating Grapple
- Fully retained Shear Ring
- Wide range of interchangeable grapples
- Adjustable Shear Release
- Easily redressed

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications.

The WellEnTech Packer Picker is designed to be used in conjunction with a washover shoe or bladed style of packing milling device. This Packer Picker is designed for use in a slick bore with a grapple which is free to rotate on the mandrel. This allows the grapple to remain stationary within the packer bore during the milling operation. There is an emergency shear release mechanism enabling the packer picker to be released from the packer bore should the Packer fail to release after milling.

TECHNICAL SPECIFICATION

Tool Size	Catch Range (ID)	Connections	Assy No.	Shear Value (lbs)	Part No.
2.125	2.25 to 2.75	1.625" 6 SA Box	350-2125-A001	30,000	350-2125-ST10
				40,000	350-2125-ST11
2.25	2.50 to 3.25	1.81" 6 SA Box	350-2250-A001	30,000	350-2250-ST10
				40,000	350-2250-ST11
				50,000	350-2250-ST12
3.125	3.25 to 4.00	2-3/8" API REG Box	350-3125-A001	40,000	350-3125-ST10
				50,000	350-3125-ST11
				60,000	350-3125-ST12
				70,000	350-3125-ST13
3.750	4.00-4.88	2-7/8" API REG Box	350-3750-A001	60,000	350-3750-ST10
				80,000	350-3750-ST11
				100,000	350-3750-ST12
				120,000	350-3750-ST13

OPERATION

The WellEnTech Packer Picker is run down into the Packer bore until the Bladed Mill or Overshot tags the top of the Packer. The Packer Picker is supplied with a dressed Mill Sub to clear any bore obstructions when running into the Packer bore. Once in position, milling of the Packer can commence. During milling the Grapple moves down within the Packer bore but does not rotate. Once the desired amount has been milled, the drill string can be picked up, enabling the Packer to be retrieved. If however the Packer fails to release, the Packer Picker can be released by applying a predetermined over pull, shearing the Shear Ring and allowing the latch to collapse and pullup through the Packer bore.

