

# PACKER PICKER – LATCH TYPE

## APPLICATION

- Retrieval of Drillable Production Packers

## FEATURES

- Non-rotating Latch
- Fully retained Shear Ring
- Wide range of interchangeable Latch catch diameters
- 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 to catch a profile or bottom end of a Packer and prevent the bottom end of the packer falling when the element and slips have been milled. The Latch is free to rotate on the mandrel, which allows the Latch to remain stationary during the milling operation.

There is an emergency shear release mechanism enabling the packer picker to be released from the Packer fail to release after milling.

## TECHNICAL SPECIFICATION

Tool Size	Catch Range (ID)	Connections	Assembly No.	Shear Value (lbs)	Part No.
2.125	2.25 to 2.75	1.625" 6 SA Box	350-2125-A001	30,000	351-2125-ST10
				40,000	351-2125-ST11
2.25	2.50 to 3.25	1.81" 6 SA Box	350-2250-A001	30,000	351-2250-ST10
				40,000	351-2250-ST11
				50,000	351-2250-ST12
3.125	3.25 to 4.00	2-3/8" API REG Box	350-3125-A001	40,000	351-3125-ST10
				50,000	351-3125-ST11
				60,000	351-3125-ST12
				70,000	351-3125-ST13
3.750	4.00-4.88	2-7/8" API REG Box	350-3750-A001	60,000	351-3750-ST10
				80,000	351-3750-ST11
				100,000	351-3750-ST12
				120,000	351-3750-ST13

## OPERATION

The WellEnTech Packer Picker is run down through the Packer bore and is spaced out so that the latch is fully out of the bottom of the Packer when 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. Once the desired amount has been milled, the drill string can be picked up, resulting in the latch contacting the bottom of the Packer and 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.

