



MECHANICAL TUBING RELEASE

The Titan Mechanical Tubing Release is designed to provide an option to drop the guns into the rathole after firing. The release is usually run about 30 ft above the guns and below the ported debris barrier under the packer. Operation of the release consists of engaging the profile in the latch, with a standard B shifting tool and jarring upward to shear the latch retainer screws. When the screws shear, the latch moves up to allow the tool to separate, dropping the guns into the rathole and releasing the shifting tool. The tool is fully open to the ID of the tubing after release and the housing, which remains on the end of the tubing, provides a re-entry guide.

Features/Benefits

- Provides economical method for releasing guns
- Uses standard shifting tools
- Does not restrict tubing ID after release
- Opens tubing end for other tools and operations (logging, production testing, treating, etc.)
- Leaves perforations uncovered

Specifications

Thread	2 3/8" EU 8rd	2 7/8" EU 8rd
Outside Diameter (OD)	3.063 in. (77.80 mm)	3.670 in. (93.22 mm)
Inside Diameter (ID)	determined by latch	determined by latch
ID after release	2.00 in. (50.80 mm)	2.44 in. (61.98 mm)
Overall Length	23.50 in. (0.60 m)	23.50 in. (0.60 m)
Makeup Length	21.50 in. (0.55 m)	21.38 in. (0.54 m)
Max. Differential Press.	10,000 psi (690 bar)	8,000 psi (552 bar)
Calculated Tensile	82,000 lbs. (37.2 t)	110,000 lbs. (49.9 t)