



Split Shot™ Cutter

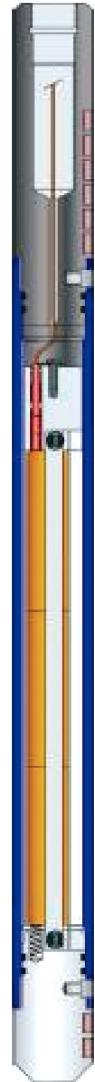
The Split Shot cutter is used to sever any collar or connection downhole where larger-size, radial-cutting tools will require a more complicated running process, slower running time or special maneuvering because of the flared cut. The Split Shot cutter uses magnets to adhere to the pipe wall and creates a clean, longitudinal slit through the collar or connection. After detonation, the split collar or connection allows the pipe to be freed for easy removal.

Applications

The Split Shot cutter is ideal for wells where collars and connections must be severed, especially where there is the probability of severe downhole obstructions that have been abandoned because conventional pipe-recovery techniques were not possible.

Features, Advantages and Benefits

- Slim design easily navigates restrictions such as jars, spears, corroded pipe, paraffin deposits, heavy mud and more.
- Reaches target depth at least 75% faster than larger-diameter radial tools.
- Three sizes will perform 99% of current conventional or non-conventional pipe recovery operations, cutting tubing or casing ranging from 1.315 in. (33.4 mm) OD up to 16 in. (406.4 mm) OD.
- Handles a full range of downhole pressures for added flexibility.
- Available in 12 in. (304.8 mm), 18 in. (457.22 mm), 24 in. (609.6 mm) or 48 in. (1,219.2 mm) lengths to meet unique size requirements.
- Saves valuable rig time with faster running characteristics.
- Eliminates expensive clean-out operations to remove scale, paraffin or other obstructions prior to running.
- Fewer sizes and greater flexibility reduce inventory.
- Saves time after detonation because the clean cut allows pipe to be pulled freely without additional drag or damage to the casing.
- Adds efficiency to subsequent fishing, tubing and casing re-entry, and continued drilling operations because there is no non-drillable debris left in the hole.



Split Shot is a trademark of Core Laboratories.



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Specifications

Diameter	7/8 in. (22.23 mm)	1 in. (25.4 mm)
Material	RDX or HMX	
Temperature	325/400°F (162.78/204.44°C)	
Pressure	9,500 PSI (65,500 kPa)	10,000 PSI (68,948 kPa)
Length	12 in. (304.8 mm)	12 in. (304.8 mm)
Charge load (grain/ft)	500	500
Application	1.315 to 2.375 in. (33.4 to 60.33 mm)	1.315 to 2.375 in. (33.4 to 60.33 mm)

Diameter	1-3/8 in. (34.93 mm)	2 in. (50.8 mm)
Material	RDX or HMX	
Temperature	325/400°F (162.78/204.44°C)	
Pressure	18,000 PSI (124,106 kPa)	18,000 PSI (124,106 kPa)
Length	18 in. or 24 in. (457.2 mm or 609.6 mm)	18 in., 24 in. or 48 in. (457.2 mm, 609.6 mm or 1,219.2 mm)
Charge load (grain/ft)	600 or 800	1200 or 2000
Application	1.660 to 2.875 in. or 2.375 to 4.50 in. (42.16 to 73.03 mm or 60.33 to 114.3 mm)	2.875 to 7 in. or 3.5 to 16 in. (73.03 to 177.8 mm or 88.9 to 406.4 mm)



*Produces a clean
no-flare cut*