

String Magnetic

YTQC string magnets serve as a valuable auxiliary tool to ensure smooth drilling operations and clean the bottom hole following downhole accident treatment. These magnets work alongside junk mills during the fishing operation, eliminating the need for lifting the drill after milling. This approach avoids connecting the drill string with a magnetic fishing device to clean the bottom hole, resulting in a cost-efficient and time-saving process that requires no extra trips down the well.

The primary working principle of string magnets involves utilizing slurry circulation during milling and fishing operations. As debris accumulates at the bottom of the well, it is attracted to the strong magnetic field body integrated within the drill string. These debris particles are subsequently transported to the surface alongside the magnetic field of the drill string, allowing for cleaning of the bottom hole at any point during the milling operation.



Technical Parameters

No.	O.D.	I.D.	Length	Connection	Applicable Casing
1	Ø95	Ø16	1800	NC23 BOX×PIN	5 1/2"
2	Ø130	Ø50.8	2250	NC38 BOX×PIN	7"
3	Ø174	Ø71.4	2300	NC50 BOX×PIN	9 5/8"
4	Ø250	Ø76	2450	6 5/8REG BOX×PIN	13 3/8"



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