

# Archer Taper Mill

**Archer Taper Mills** are designed specifically to clean the ID and mill restrictions in tubulars of any weight and size.

The ground OD eliminate the risk of cutting through the casing, and to penetrate very gradually. The heavy dressing is very durable, yielding increased on bottom time. The Taper mills are recommended for cleaning out liners, tubing and to repair collapsed or deformed casing or tubing sections, and to shave off cement or corroded parts in a casing. They are also designed to mill through jagged or split guide shoes, and de-burring whipstock windows.

Taper mills can also be run ahead of other milling tools to clean out “bird nests”. The lower taper section guides the mill into the collapsed section, then the straight or slightly spiral blades, dressed with high quality crushed tungsten carbide, mill away the undersized section to full taper mill diameter. The full-bore ID improves fluids circulation for cooling and facilitates cutting removal.

Taper mills are available in standard sizes or can be special ordered to any length and OD to meet the specific requirements of the job.

## Specifications

Dressed diameter, in	Top Connection, BOX	Fishing neck diameter, in
3 1/2-4 1/2	2 3/8 PAC	2 7/8
3 1/2-4 1/2	2 3/8 Reg	3 1/8
4 1/2-5 1/2	2 3/8 PACDS	3 1/8
4 1/2-5 1/2	2 3/8 Reg	3 3/8
5 1/2-7 1/2	3 1/2 Reg	4 3/8
7 3/8-9 1/2	4 1/2 Reg	6 1/4
9 1/2-12 1/4	6 3/8 Reg	8
15-17 1/2	7 3/8 Reg	9 1/2

Contact your Archer Representative for more technical information.

