

Matrix Mill Selection

MZ Mills



MZ Matrix/PDC mills are purpose built for Thru-Tubing applications to drill long intervals of hard cement, hard scales, frac plug drill outs, and some formations.

Offered in 4, 5, 6, 8, & and blades with 8mm, 10mm, or 13mm cutters

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MD Mills



MD Mills are matrix body set with one layer of spherical diamonds in various sizes from 10-12 spc to 1/2 carat

Matrix Mill Selection

MDX Mills



MDX mills have a primary cutter geometry of spherical diamonds set in raised ridges and a secondary cutting geometry of 30-40 mesh diamond grit that is impregnated into the first 1/4" of mill face.

These mills evolved over the past 15 years from our MD mills. They were first run in hard scales but have also been found to work in frac ports, ball seats, and other obstructions.

Matrix Mill Selection

MX Mills



MX Mills are matrix bodies impregnated with mesh size diamond grit. These can be made in any number of various mill profiles



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Matrix Mill Selection

MX-C Mills



These mills have a primary cutting geometry of normal diamond impreg and a Hybrid cutting structure of carbide inserts

These are normally recommended when you have given up on other mills.

Used mill at left with 95 feet on it after conventional mills would make less than 10.

