



e-Catalog 2024

## XDS Shoes

### **XDS, Matrix/Diamond - Impreg Shoes**

As with all of our thru-tubing mills our MDX series can be custom fabricated to suit your application.

Hard Targets;  
Loose Carbide Junk, Carbide Slip Buttons, Case-Hard Slip Wickers, Nickel Alloy (13 Chrome, 17-4 Stainless, Inconel 718, Incoloy 925, 440C) that can work harden into the high 50's HRC and/or can be presented in loose condition that cause interrupted cuts can all be cut with diamond-impreg mills or shoes that use 30-40 mesh Diamond Grit that is blended 25% by volume into the Carbide Matrix mill face to create a tough and robust cutting structure much like a diamond grinding rock.

The diamond grit is about .020" diameter that are Titanium Coated

XDS Shoe bodies can be molded into exact sizes from 1 3/4" to 12 1/4" OD with shoe head thickness per side dictated by internal strength required.

1 3/4" to 4 3/4" = 3/8" per side

5" to 6 3/4" = 1/2" per side

7" to 8 3/4" = 5/8" per side

9" to 12 1/4" = 3/4" per side

Fore thin wall see SXDS





