



## **SXDS, Steel Skeleton/Diamond - Impreg Shoes**

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

SXDS Shoe bodies can be molded into its steel skeleton to as thin as .250" and have a stronger hoop strength than full matrix XDS shoes.



