

## CORDIM – impregnated tools

The sharp of these tools is formed by synthetic diamond powder. They cut for abrasion of material generating a thin rubble. Diamond core bits and spudding shoes are produced for the standard typologies (simple core barrel, T2, T6, wire line, etc..) and on request.

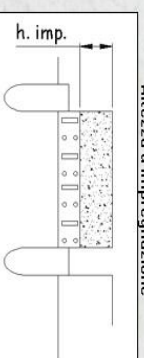


CORDIM diamond core bit wire line HQ



CORDIM spudding shoe coating R 127

These tools are available in different typologies according to the material to be drilled and it is possible to choose also the height of impregnation between these dimensions 4, 6, 8, 10 (usually it is 6 mm and 8 for wire-line).



Altezza d'impregnazione

## CORSET - CORSET 2 – set tools

Natural diamonds are set on Corset surface. These tools cut for removal of material generating a quite thin rubble. Diamond core bits, spudding shoes and non-coring bits are produced for the standard typologies (simple core barrel, T2, T6, wire line, etc..) and on request.

The diamond core bits CORSET use water as drilling fluid, while the CORSET 2 ones can use also air.



Corset diamond core bit barrel T6 R 116



Corset 2 diamond core bit barrel T2 R 101

Natural diamonds are available in different sizes: 30/60 ppc (on the 45 stones in a carat); 20/40; 16/30; 8/10 etc..according to the material to be drilled. More tender is the material to be drilled, bigger will be the stone.



diamond particular 30/60 ppc



diamond particular 8/15 ppc

The tool profile has to be chosen according to the tool thickness and the material to be drilled: