

CARBONADO BITS

Di-Corp manufactures a line of bits commonly referred to as carbonados. They are very similar to surface set bits but use carbonado diamonds which are considerably tougher and more wear resistant than the natural diamonds used in conventional surface set bits. As a result, the carbonado bits perform better in harder, more abrasive formations, and offer excellent core recovery in broken ground conditions.

Di-Corp currently produces N, N3, H, H3, P and P3 carbonado bits in various crowns and waterways. Contact Di-Corp for stock availability.

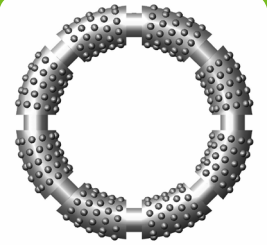
Crown and Waterway Configurations

Di-Corp has standardized on 2 crowns, "W" and "Tapered" and both are available with Wide Waterway or Superflush Waterway.

W Crown



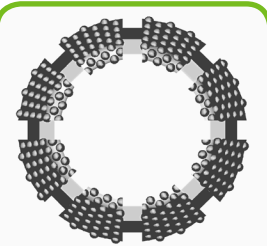
Tapered Crown



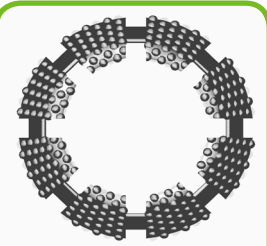
W Crown
Wide Waterway



W Crown
Superflush Waterway



Tapered Crown
Wide Waterway



Tapered Crown
Superflush Waterway

"W" Crown | WIDE Waterway:

- semi-round profile is the strongest - for use in fractured formations
- 0.635 cm wide x 0.317 deep (0.250" x 0.125")

"W" Crown | SUPERFLUSH Waterway:

- semi-round profile is the strongest - for use in fractured formations
- 0.635 cm wide x 0.635 deep (0.250" x 0.250")
- for difficult conditions where core sample is susceptible to washing and in lost circulation conditions where heavier muds are required

Tapered Crown | WIDE Waterway:

- conical profile providing good penetration rates
- 0.635 cm wide x 0.317 deep (0.250" x 0.125")

Tapered Crown | SUPERFLUSH Waterway:

- conical profile providing good penetration rates
- 0.635 cm wide x 0.635 deep (0.250" x 0.250")
- for difficult conditions where core sample is susceptible to washing and in lost circulation conditions where heavier muds are required