

## CARBONADO BITS WATERWAY CONFIGURATIONS

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.

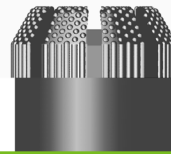
### Crown and Waterway Configurations

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

W Crown



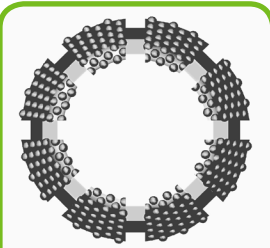
Tapered Crown



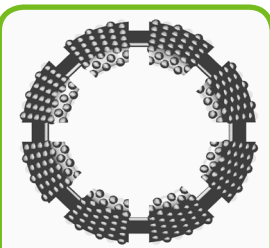
W Crown  
Wide Waterway



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 0.3175 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 0.3175 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