

Rock  
Splitting  
Mortar

**Dā-mite**®

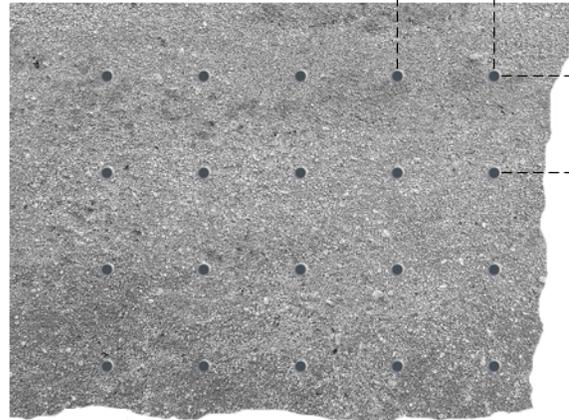
## Concrete Drill Patterns

### Concrete Drill Pattern

Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ "  
Space  $1'4$ "- $2'$

When vertical drilling is difficult, drill horizontal holes with some slope.

Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ "  
Space  $1'4$ "- $2'$



Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ "  
Space  $1'4$ "- $2'$



70% of Height

### Reinforced Concrete Drill Pattern

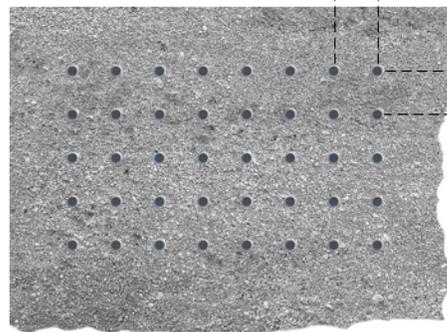
Hole Diameter  $1\frac{3}{8}$ " Space  $8$ "- $10$ "

Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ " Space  $1'-1'4$ "

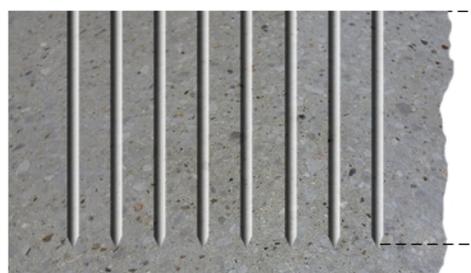
If removal is by hand, consider grid that makes drilling through rebar easiest. Since most rebar is placed on 6" increments, hole pattern should reflect this. Best is usually 1 foot centers. Drill starter hole in concrete 6 to 8" in from edge, once you establish rebar location, lay out holes in increments to miss rebar. Much more effective than laying out a pattern, having driller hit steel and then compensating for rebar. Hole

diameter and spacing depend on both quality and shape of the reinforced steel.

Hole Diameter  $1\frac{3}{8}$ " Space  $8$ "- $10$ "  
Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ " Space  $1'-1'4$ "



Hole Diameter  $1\frac{3}{8}$ " Space  $8$ "- $10$ "  
Hole Diameter  $1\frac{1}{2}$ "- $1\frac{3}{4}$ " Space  $1'-1'4$ "

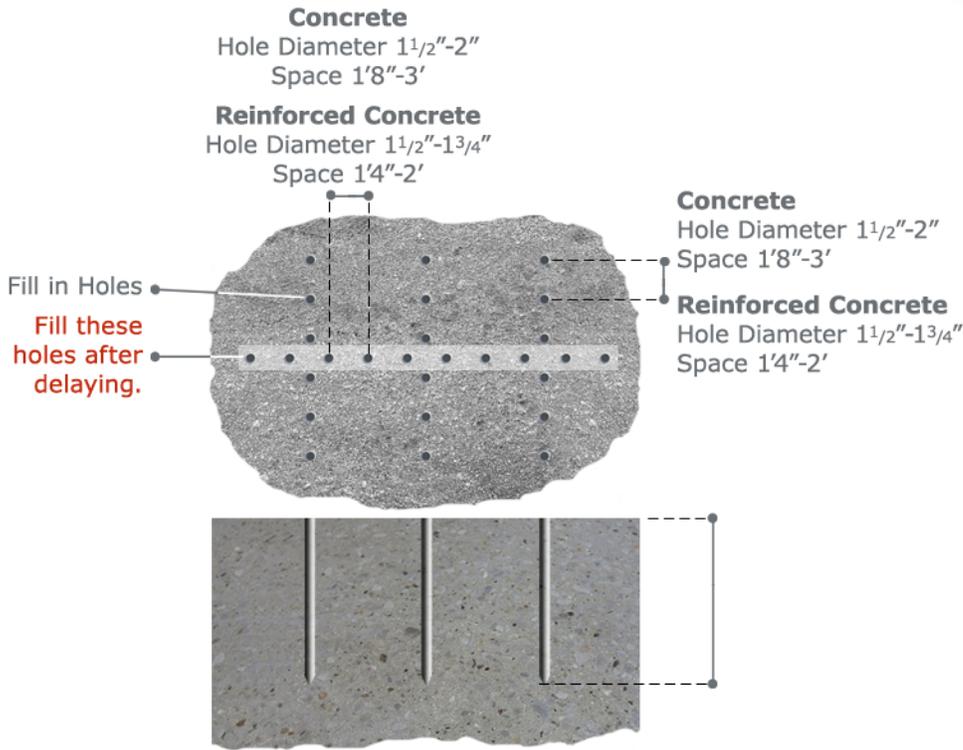


90% of Height

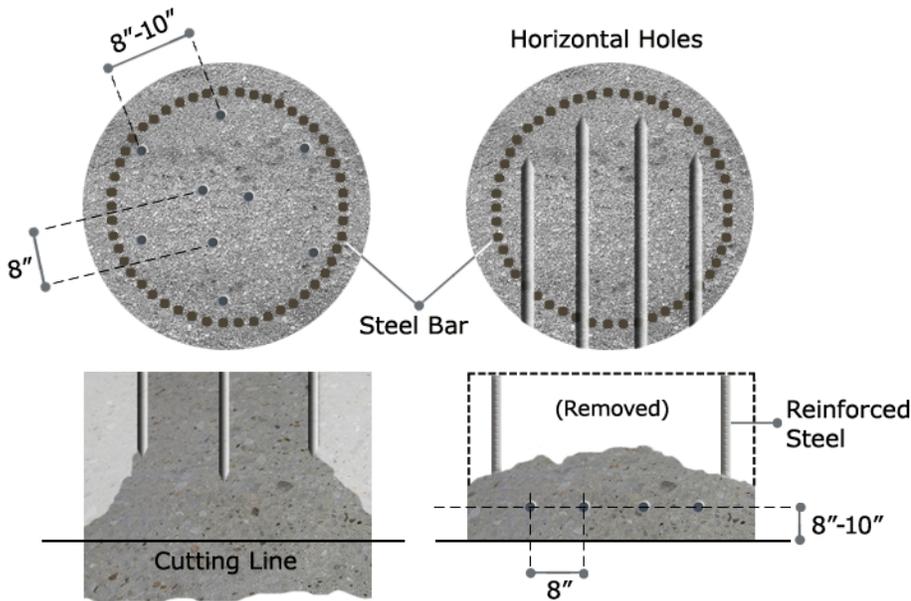
# Concrete Drill Patterns



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**Mass Concrete**  
Bridge Pier and Foundation etc.



**Pile Foundation**



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