

READ THE DRILL GUIDE AND FOLLOW INSTRUCTIONS IN THE USER GUIDE AND SAFETY GUIDE.

Drill Guide	CONCRETE (Mass)	CONCRETE (Reinforced)	ROCK
Hole Spacing	12" to 14"	8" to 10"	12 to 18"
Hole Diameter	1.50"	1.50"	1.50"
Hole Depth	80%	90%	90%*

The drill pattern required will depend on the object you are breaking and desired size of broken pieces. For further information please contact your local dealer or visit [ecobust.com](http://ecobust.com). **Equipment required for drilling:** rock drill, core drill or substitute, drill bit 1.50" in diameter, P.P.E. including safety glasses, gloves, and dust mask.

**STEP 1:** Determine the size of the rock or concrete pieces that are desired for removal. Refer to the drill guide table above for concrete, reinforced concrete and rock.

**STEP 2:** Using a box grid (#) adjust the grid to suite your needs.

**STEP 3:** Drill holes along the grid lines using the drill guide table. Ensure that the 'hole spacing' conforms to the suggested drill guide table.

**HOLE SPACING:** The hole spacing refers to the space between the holes along the grid lines. Adjust the spacing based on the hardness of the material. The harder the material, the closer the holes need to be.

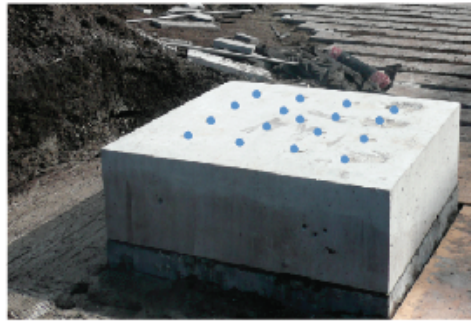
**HOLE DEPTH:** 80% to 90% of the depth. In benching, drill 105% of the depth. Do not drill holes less than 3" in depth.

**FREE SPACE:** Always ensure that ECOBUST has a free space to expand into. Create empty relief holes if necessary or drill holes on a minimum 45 degree angle to the substraight.

**HOLE DIAMETER:** For best results use 1.50" drill bit. (do NOT exceed 2.0" diameter hole).

### REFERENCE EXAMPLES

EXAMPLE 1: CONCRETE	
Dimensions	4' W X 4' L X 16" H
Job:	Concrete Pad Removal
Completion time	1 day (Vs. 3 days conventional)
Hole diameter	1.50"
Drill Depth	90%
# of Holes Drilled	17
Product Used	1 box (44Lbs)



EXAMPLE 2: REINFORCED CONCRETE	
Dimensions	14" W X 19' L X 8" H
Job:	Reinforced Concrete Pad
Completion time	3.5 hours (Vs. 2 days conventional)
Hole diameter	1.50"
Drill Depth	90%
# of Holes	36
Product Used	1 box (44Lbs)



EXAMPLE 3: ROCK	
Dimensions	4' W X 7' L X 10" to 36" H
Job:	Rock Excavation
Completion time	1 day (Vs. 2 days conventional)
Hole diameter	1.50"
Drill Depth	10 to 36"
# of Holes	25
Product Used	1.25 boxes (55Lbs)

