

## Multi-Purpose Drill Bits

Multi-Purpose Drill Bits are suitable for drilling through steel into masonry materials in one operation without changing the bit due to the special cutting edge geometry and the diamond-ground cutting surfaces of the special carbide tip. The titanium carbide is extremely wear resistant. Packaged individually.

	Item Code	Overall Length			
	Price	MPB-1/8X3			
	3"				
	Click for Price	MPB-5/32X6			
	6"				
	Click for Price	MPB-3/16X3-1/2			
	3-1/2"				
	Click for Price	MPB-3/16X6			
	6"				
	Click for Price	MPB-1/4X4-1/4			
	4-1/4"				
	Click for Price	MPB-1/4X6			
	6"				
	Click for Price	MPB-5/16X6			
	6"				
	Click for Price	MPB-3/8X5-1/4			
	5-1/4"				
	Click for Price	MPB-1/2X6	6"	Click for Price	MPB-
5/8X6	6"	Click for Price			

### Drilling Guidelines

Material	Mode of Operation				
	RPM up to 1/4" dia.				
	RPM 5/16" TO 1/2" diameter				
Granite/Stone					
With Rotary Percussion	1500	1000			
Brick					
With or w/o Rotary Percussion	1500	1000			
Marble					
With or w/o Rotary Percussion	1500	1000			
Cast Stone					
With or w/o Rotary Percussion	1500	1000			
Concrete					
With or w/o Rotary Percussion <sup>1</sup>					
1500	1000				
Soft Wood					
Without Percussion	2500	1500			
Hard Wood					
Without Percussion	1600	800			
Ceramic Tile					
Without Percussion <sup>2</sup>	1800	1200			
Porcelain					
Without Percussion <sup>3</sup>	1200	800	1200	800	Baked
Ceramic					
Without Percussion <sup>3</sup>					
Percussion&infin;	800	600		Glass/Crystal	Without

<sup>1</sup>Drilling in rebar, stop percussion action!

<sup>2</sup>Apply moderate pressure

³Liquid coolant. Strong pressure

&infin;Liquid coolant