





















# Faithfull Tungsten Carbide Grit Holesaws

## Material Cutting Chart



Material		Material Suitability	Surface speed Metres per/min (Feet per/min)	Machine Setting
Brick		✓✓✓	113.65 (372.77)	Percussion
Engineering Bricks		✗		
Building Block (Lightweight) 7N Limit		✓✓✓	113.65 (372.77)	Percussion
Building Block (HeavyWeight) 7N Limit		✓✓✓	113.65 (372.77)	Percussion
Concrete paving (Low Density)		✓✓	113.65 (372.77)	Percussion
Concrete paving (High Density)		✗	113.65 (372.77)	Percussion
Concrete with (Rebar)		✗		
Wood		✓✓✓	113.65 (372.77)	Non Percussion
Combination Materials		✗		
Dry wall		✓✓✓	113.65 (372.77)	Non Percussion
Laminate Flooring		✓✓✓	113.65 (372.77)	Non Percussion
Slate		✓✓✓	113.65 (372.77)	Non Percussion
Ceramic tile		✓✓✓	113.65 (372.77)	Non Percussion
Porcelain & Granite tile		✗		
Cement board (siding)		✓✓✓	113.65 (372.77)	Non Percussion
Fibreglass (GRP)		✓✓✓	113.65 (372.77)	Non Percussion
Carbon Fibre		✓✓✓	113.65 (372.77)	Non Percussion
Hard Metals		✗		
PVC		✓✓	113.65 (372.77)	Non Percussion
Cast Iron		✗		
Al/Alloy		✗		



## RPM Guide

113.65 Metres per minute surface speed (RPM required achieve this)			
Diameter(mm)	Circumference	Surface Speed	RPM Required
19	59.66	113.65	1,905
20	62.8	113.65	1,810
22	69.08	113.65	1,645
25	78.5	113.65	1,448
29	91.06	113.65	1,248
32	100.48	113.65	1,131
35	109.9	113.65	1,034
38	119.32	113.65	952
39	122.46	113.65	928
44	138.16	113.65	823
51	160.14	113.65	710
60	188.4	113.65	603
70	219.8	113.65	517
71	222.94	113.65	510
76	238.64	113.65	476
83	260.62	113.65	436
86	270.04	113.65	421
95	298.3	113.65	381
102	320.28	113.65	355
114	357.96	113.65	317