



# Tools – Hole Saws – Recommended Cutting Speeds, continued

RUKO Hole Saws Recommended Cutting Speeds, continued									
Material		High carbon structural steel up to 101,521 psi	Alloyed steel up to 145,037 psi	Cast iron over 36,259 psi	CuZn alloy	Aluminium alloy up to 11% Silicon	Thermo-plastics	Duro-plastics	Wood
Vc = m/min		30	20	10	35	30	20	15	40
Coolant		Cutting spray	Cutting spray	Compressed air	Compressed air	Cutting spray	Water	Compressed air	Compressed air
Ø inch	Ø mm	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.
3-5/8	92	104	69	35	121	104	69	52	138
3-3/4	95	101	67	34	117	101	67	50	134
3-7/8	98	97	65	32	114	97	65	49	130
4	102	94	62	31	109	94	62	47	125
4-1/8	105	91	61	30	106	91	61	45	121
4-1/4	108	88	59	29	103	88	59	44	118
4-3/8	111	86	57	29	100	86	57	43	115
4-1/2	114	84	56	28	98	84	56	42	112
4-3/4	121	79	53	26	92	79	53	39	105
5	127	75	50	25	88	75	50	38	100
5-1/4	133	72	48	24	84	72	48	36	96
5-1/2	140	68	45	23	80	68	45	34	91
6	152	63	42	21	73	63	42	31	84
6-5/16	160	60	40	20	70	60	40	30	80
6-5/8	168	57	38	19	66	57	38	28	76
6-31/32	177	54	36	18	63	54	36	27	72
8-1/4	210	45	30	15	53	45	30	23	61

Note: V<sub>c</sub> equals the recommended maximum linear speed of hole saw for each material.



# Tools – Jig Saw Blades

RUKO T-shank jig saw blades in 5 or 20 piece sets for a variety of applications.

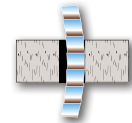
Fits power tools by Bosch®, Atlas Copco®, AEG®, Makita®, Metabo®, Black and Decker® and Hitachi®.

- All models have a wavy side set to prevent clamping of the saw blade in the work piece.
- Narrow blades (7.1 mm height) are suitable for profiled cuts.
- Bi-metal blades have a high-speed steel (HSS) cutting edge and high carbon steel (HCS) spine. This makes them highly flexible with high cutting performance and long service life for conditions where the saw blade is subjected to extreme stresses.



3218009 shown

Wavy Side Set



Jig Saw Blades						
Part #	Pcs/Pkg	Price	Construction	Tooth Spacing	Recommended Applications	Dimensions Length x Height x Thickness
3218009	5	\$6.50	HSS	24 teeth/in	Metals up to 5/64in [2mm] Fiberglass up to 5/32in [4mm]	77.0 x 7.1 x 1.0 mm [3.03 x 9/32 x 0.04 in]
3238009	20	\$24.00			Hard plastics, hard fabrics, pressed materials and insulation materials up to 5/16in [8mm]	
3218011	5	\$6.50	HSS	14 teeth/in	Mild steel up to 5/16in [4mm] Stainless steel up to 7/64in [3mm]	77.0 x 7.9 x 1.0 mm [3.03 x 5/16 x 0.04 in]
3238011	20	\$24.00			Non-ferrous metals up to 3/8in [9.5 mm]	
3218033	5	\$9.50	Bi-metal	21 teeth/in	Mild steel, stainless steel and non-ferrous metals 1/16 to 5/32in [1.5 to 4 mm]	77.0 x 7.9 x 1.0 mm [3.03 x 5/16 x 0.04 in]
3238033	20	\$36.00				

Note - Competitive blade specifications may vary.