1-800-633-0405

## 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	Ømm	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: Vc equals the recommended maximum linear speed of hole saw for each material.

## RUKO 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.

Wavy Side Set											
Jig Saw Blades											
Part #	Pcs/ Pkg	Price	Construction	Tooth Spacing	Recommended Applications	Dimensions Length x Height x Thickness					
<u>3218009</u>	5	Retired		24 teeth/in	Metals up to 5/64in [2mm]						
<u>3238009</u>	20	Retired	HSS		Fiberglass up to 5/32in [4mm] Hard plastics, hard fabrics, pressed materials ar insulation materials up to 5/16in [8mm]	77.0 x 7.1 x 1.0 mm [3.03 x 9/32 x 0.04 in]					
<u>3218011</u>	5	Retired		14 teeth/in	Mild steel up to 5/16in [4mm]	77.0 x 7.9 x 1.0 mm					
<u>3238011</u>	20	Retired	HSS		Stainless steel up to 7/64in [3mm] Non-ferrous metals up to 3/8in [9.5 mm]	[3.03 x 5/16 x 0.04 in]					
<u>3218033</u> <u>3238033</u>	5 20	Retired Retired	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]					

Note - Competitive blade specifications may vary. www.automationdirect.com