

HMGC-RN-3



SPEEDS & FEEDS

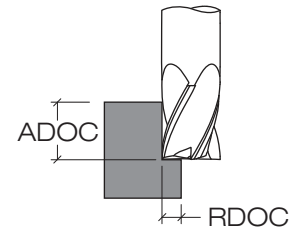
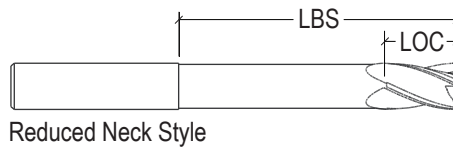
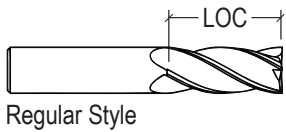
3 Flute - High Balance - Reduced Neck

Material Guide		SFM	Inches per Tooth (IPT)																					
			1/8			3/16			1/4			3/8			1/2			3/4			1			
			Slot	Rgh	Fin	Slot	Rgh	Fin	Slot	Rgh	Fin	Slot	Rgh	Fin	Slot	Rgh	Fin	Slot	Rgh	Fin	Slot	Rgh	Fin	
WROUGHT ALUMINUM ALLOY 2014, 5062, 6061, 7050, 7075, 7475	2100	.0007	.0015	.0016	.0011	.0022	.0018	.0014	.0029	.0021	.0021	.0043	.0024	.0028	.0056	.0028	.0040	.0080	.0033	.0051	.0102	.0040		
		CAST ALUMINUM ALLOY 319.0, 328.0, 355.0, 360.0, 380.0, 383.0, 390.0, 520.0, 535.0	1400	.0011	.0023	.0020	.0017	.0034	.0023	.0022	.0045	.0026	.0033	.0066	.0030	.0043	.0087	.0035	.0062	.0124	.0041	.0079	.0158	.0050
				COPPER ALLOY Cu-ETP, CuBe2, CuZn30, CuZn36Pb3, CuZn10, CuSn5	770	.0008	.0015	.0017	.0011	.0023	.0019	.0015	.0030	.0021	.0022	.0044	.0024	.0029	.0058	.0028	.0041	.0083	.0034	.0053

Milling Process	ADOC	RDOC
Slot (Full Slotting)	Up to Max LOC	100% Diameter
Rgh (Traditional Roughing)	Up to Max LOC	35%-50% Diameter
Fin (Finishing)	Up to Max LOC	4%-6% Diameter

NOTES:

IPT values shown are for 4xD reach tools, and should be adjusted for longer or shorter reaches. For tools with reaches greater than 4xD, IPT should be reduced. For more accurate running parameters, please refer to Machining Advisor Pro.



Key: LOC=Length of Cut ADOC=Axial Depth of Cut RDOC=Radial Depth of Cut