



Quality Carbide Metals, Inc.

CARBIDE GRADES

TYPE OF CARBIDE	INDUSTRY CLASS	Q.C.M.I. GRADE	COMPOSITION				HARDNESS (RA)	DENSITY (g/cc)
			%Co	%WC	%TaC	%TiC		

Non-metallic & Cast iron	C-1	QC-10	6.0	94.0			90.5 – 91.5	14.90
General purpose machining	C-2	QC-20	6.0	94.0			91.8 – 92.4	14.90
	C-2 Micrograin	QC-90M	10.0	90.0			91.5 – 92.5	14.50
Abrasive Wear	C-3 Micrograin	QC-20M	6.0	94.0			92.8 – 93.5	14.90
	C-3	QC-30	4.5	95.5			92.3 – 93.0	15.10

Steel Cutting and Machining	C-5	QC-52	8.0	78.0	8.0	6.0	90.9 – 91.9	13.15
	C-6	QC-51	8.0	72.0	11.0	9.0	91.8 – 92.5	12.60

Die & Wear Grades	C-9 Micrograin	QC-90M	10.0	90.0			91.5 – 92.5	14.50
	C-10	QC-100	9.0	91.0			89.5 – 90.5	14.60
	C-11	QC-110	13.0	87.0			88.0 – 89.0	14.25
	C-12/13 Micrograin	QC-130M	15.0	85.0			89.2 – 90.2	14.00
	C-13	QC-130	15.0	85.0			87.0 – 88.0	14.00

**CONSISTENT WEAR LIFE, WAXLESS GRADES
“NO-SHORTCUTS” PROCEDURE IN OUR METALLURGICAL PROCESSES**

MADE IN SPARTANBURG, SC- USA

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