

## CASMET GRADE CHART

### Common Tungsten Carbide Grades

	Density	%WC	%Co	Other	Grain Size	Bending Strength	Hardness
Casmet Grade	g/cc				um	N/mm2	HRa
CR031	15.1-15.3	97	3	-	0.8 -1.2	1450	93.6
CR06N	13.4 -13.7	94	-	6 Ni	1.2 -2.4	1450	82
CR061	14.6 -15.0	94	6	-	0.8 -1.2	2000	91
CT061	14.8 -15.0	92	6	2TaC	<1.0	1850	92.8
CR062	14.8 -15.0	94	6	-	1.2 -2.4	2100	92.4
CR064	14.8 - 15.1	94	6	-	>1.6	2300	90
CR065	14.9 - 15.0	93.5	6	0.5TaC	1.6 -2.4	2300	90.2
CR074	14.6 -14.8	92.5	7.5	-	1.6 -3.2	2400	89.2
CR08N	13.4 -13.7	92	-	8Ni	1.2 -2.4	1500	82
CR082	14.5 -14.9	92	8	-	1.2 -2.4	2300	90.5
CR084	14.5 -14.8	92	8	-	>1.6	2500	89
CR092	14.5 -14.7	91	9	-	1.2 -2.4	2350	88.5
CR093	14.5 -14.7	91	9	-	>2.4	2500	88.2
CR101	14.3 -14.6	89.5	10	0.5TaC	0.8	2800	91
CR103	14.4 -14.6	89.7	10.3	-	1.6 - 4.0	2600	87.5
CR112	14.3 -14.5	89.2	10.8	-	1.2 - 1.6	2300	89.2
CR113	14.0 -14.5	89	11	-	>2.4	2700	86.5
CR152	14.0 -14.2	85	15	-	1.2 - 2.4	2300	88
CR203	13.4 -13.7	80	20	-	1.6 - 4.0	2500	82.5

Custom grades available on request

#### Casmet Supply Ltd.

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