

Grade	ANSI	ISO	Coercivity Oe	Hardness ± 0.5 HRA	Density ± 0.10 g/cm ³	TRS psi, min.	WC wt.%	Co wt.%	Ni wt.%	Others wt.%	Grain Class ISO 4499
TMK-3	C3	K20	334 - 423	93.3	15.20	330,000	96.00	3.00	-	1.00	Fine
TMK-6	C1/C13	K40	145 - 194	91.0	14.95	375,000	94.00	6.00	-	-	Medium
TMK-7	C3/C9	K10	199 - 246	92.7	15.13	350,000	95.60	4.40	-	-	Fine to Coarse
TMK-7A	C4/C9	K10	259 - 304	93.0	15.17	355,000	96.00	4.00	-	-	Fine to Medium
TMK-10	C11/C12	K40	116 - 162	88.5	14.23	450,000	87.00	13.00	-	-	Medium to Coarse
TMK-11	C13	K40	84 - 124	87.5	14.04	430,000	85.00	15.00	-	-	Coarse
TMK-15	C1/C10	K40	155 - 188	91.0	14.95	375,000	94.00	6.00	-	-	Medium
TMK-15B	C1/C10	K40	144 - 220	90.8	14.95	365,000	94.00	6.00	-	-	Fine
TMK-22	C2/C10	K20	202 - 246	91.5	14.95	395,000	93.90	6.00	-	0.10	Fine to Medium
TMK-22D	C2/C3	K15	237 - 278	92.5	14.90	355,000	93.85	6.00	-	0.15	Fine
TMK-25	C1/C2	K20 - K30	144 - 181	90.0	14.75	405,000	92.00	8.00	-	-	Fine to Medium
TMK-35	C1/C11	K40	98 - 136	88.5	14.50	415,000	90.00	10.00	-	-	Medium
TMK-40F	C1	K30	172 - 210	90.5	14.50	465,000	89.70	10.30	-	-	Fine to Coarse
TMK-45	C1	K30 - K50	89 - 123	87.5	14.30	410,000	88.00	12.00	-	-	Coarse to Extra Coarse
TMK-76	C14/C17	-	66 - 89	81.5	13.15	425,000	75.00	25.00	-	-	Fine to Coarse
TMK-290	C3	K05 - K10	470 - 542	94.0	14.44	515,000	89.90	9.00	-	1.10	Ultrafine
TMK-315	C1	K30 - K40	197 - 228	90.5	14.04	505,000	84.00	15.00	-	1.00	Fine
TMK-320	C2	K20 - K40	230 - 280	91.9	14.40	525,000	89.40	10.00	-	0.60	Submicron
TMK-326	C3/C9	K10	309 - 361	93.0	14.90	315,000	93.30	6.10	-	0.60	Submicron
TMK-328	C2	K15	246 - 307	92.6	14.60	350,000	91.00	8.00	-	1.00	Fine
TMK-3012	C2/C3	K20 - K40	318 - 389	92.6	14.10	620,000	86.70	12.00	-	1.30	Ultrafine
TMK-3020	C2/C3	K20 - K40	280 - 307	92.3	14.37	635,000	89.15	10.00	-	0.85	Submicron
TMK-3026	C4/C9	K05 - K10	372 - 445	94.0	14.80	530,000	94.00	6.00	-	-	Ultrafine
TMK-3028	C4/C9	K10 - K20	362 - 446	93.5	14.52	555,000	90.60	8.50	-	0.90	Ultrafine
TMP-811	C6/C7	P05 - P15	171 - 208	91.5	13.80	300,000	86.00	6.00	-	8.00	Fine to Coarse
TMP-821	C5/C6	P20 - P30	147 - 209	91.8	12.40	260,000	79.30	8.00	-	12.70	Fine to Coarse
TMP-825	C5/C6	P20 - P30	156 - 213	91.5	12.80	345,000	74.40	10.00	-	15.60	Fine to Medium
TMP-830T	C4/C9	K05	145 - 191	89.6	13.67	395,000	81.40	10.20	-	8.40	Fine to Medium
TMP-840	C5/C6	P20 - P35	151 - 189	90.5	13.00	360,000	80.00	10.00	-	10.00	Fine to Medium
TMP-846	C5	M30 - M40	175 - 200	90.4	14.20	415,000	85.00	12.00	-	3.00	Fine
TMN-6	C18	-	-	91.5	14.90	210,000	93.90	-	6.00	0.10	Fine to Coarse
TMN-12	C18	-	-	90.0	14.57	350,000	87.05	-	12.00	0.95	Fine