



Zhuzhou Ruiao Tungsten Carbide Co.,Ltd

Grade

Grade	Density	Hardeness	TRS	Coercive Force	Cobalt mahnet	Porosity	
	g/cm3	HV3 (OrHRA)	MPa	KA/m	%		
YK05	14.82~14.96	1370~1490	≥1500	11.3~12.6	5.5~5.9	A02 B00	C00E00
YK10	14.60~14.76	1200~1320	≥1860	7.4~8.2	7.3~7.9	A02 B00	C00E00
YK15	14.50~14.70	≥87.00	≥2100	6.2~8.4	7.8~9.0	A02 B02	C00E00
YK15.6	14.50~14.70	≥86.50	≥2310	6.0~8.0	7.8~9.0	A02 B02	C00E00
YK15.1	14.65~14.85	≥87.50	≥2310	8.0~12.9	7.0~7.9	A02 B02	C00E00
YK20	14.40~14.60	≥86.00	≥2465	5.5~7.5	8.8~9.8	A02 B02	C00E00
YK20.1	14.44~14.60	1155~1275	≥1910	6.6~7.4	8.5~9.5	A02 B00	C00E00
YK25	14.40~14.60	≥87.00	≥2550	6.0~8.0	8.8~9.8	A02 B02	C00E00
YK25.1	14.40~14.56	1140~1260	≥1910	6.2~7.1	9.0~10.0	A02 B00	C00E00
YK30	14.34~14.44	1060~1170	≥2110	5.3~6.1	9.9~11.0	A02 B00	C00E00
YK35	13.93~14.03	980~1080	≥2110	4.8~5.6	13.5~15.0	A02 B00	C00E00
YK40	14.10~14.30	≥85.50	≥2400	5.5~7.2	11.0~12.4	A02 B02	C00E00
YK45	13.95~14.15	≥86.00	≥2200	5.0~7.0	13.4~14.7	A02 B02	C00E00
YK50	13.90~14.10	≥85.00	≥2360	5.5~6.5	12.8~14.3	A02 B02	C00E00
YT5	12.90~13.10	≥89.50	≥1560	8.5~13.5	8.0~9.2	A02 B02	C00E00
YT05	12.55~12.75	≥92.50	≥1290	18.7~25.7	5.1~6.1	A04 B02	C00E00
YT14	11.40~11.60	≥90.50	≥1400	10.5~15.4	7.3~8.2	A02 B02	C00E00
YT15	11.25~11.45	≥91.00	≥1300	11.0~15.5	5.0~6.2	A04 B02	C00E00
YT30	9.50~9.70	≥92.50	≥1080	13.2~16.8	3.6~4.2	A04 B02	C00E00
YW1	13.20~13.40	≥91.50	≥1290	16.0~22.5	5.5~6.2	A02 B02	C02E00
YW2	13.05~13.25	≥90.50	≥1460	13.0~20.0	7.4~8.2	A02 B02	C00E00
YW3	12.90~13.10	≥92.00	≥1390	16.5~21.8	5.5~6.1	A02 B02	C00E00
YG3	15.20~15.40	≥91.00	≥1400	17.0~20.0	2.5~3.0	A04 B02	C00E00
YG3X	15.15~15.35	≥92.00	≥1345	22.8~29.2	2.5~3.0	A04 B02	C00E00
YG6	14.85~15.05	≥89.50	≥1800	12.0~15.9	4.9~5.9	A04 B02	C00E00
YG6X	14.85~15.05	≥91.00	≥1700	19.2~25.7	4.9~5.9	A02 B02	C00E00

YG6A	14.85~15.05	≥91.50	≥1600	22.4~27.8	4.9~5.9	A02 B02	C00E00
YG8	14.65~14.85	≥89.00	≥1900	10.2~15.0	6.5~7.7	A02 B02	C00E00
YG8N	14.50~14.70	≥90.0	≥2000	15.0~18.0	6.6~7.8	A02 B02	C00E00
YG8C	14.55~14.75	≥87.50	≥2000	7.6~9.6	7.1~8.2	A02 B02	C00E00
YG8.5	14.55~14.75	≥89.00	≥2000	—	7.7~8.5	A04 B02	C00E00
YG10	14.40~14.60	≥88.0	≥2300	9.0~12.0	9.0~10.0	A02 B02	C00E00
YG11	14.30~14.50	≥87.00	≥2000	8.0~13.0	9.5~11.0	A02 B02	C00E00
YG11C	14.20~14.40	≥86.50	≥2400	6.0~8.0	9.5~11.4	A02 B02	C00E00
YG12	14.21~14.41	≥88.0	≥2500	7.0~11.0	11.0~12.0	A02 B02	C00E00
YG13C	14.10~14.30	86.5~87.5	≥2350	5.8~7.8	11.5~13.0	A02 B02	C00E00
YG15	13.95~14.15	≥86.50	≥2220	8.0~10.8	13.0~14.6	A02 B02	C00E00
YG16C	13.80~14.00	≥84.00	≥2480	4.8~6.4	14.1~16.4	A02 B02	C00E00
YG20	13.45~13.65	≥83.50	≥2480	7.0~8.9	18.0~19.8	A02 B02	C00E00
YG20C	13.40~13.60	≥82.00	≥2480	3.5~4.5	16.7~19.8	A02 B02	C00E00
YD05	15.05~15.25	≥93.00	≥1200	36.0~42.0	2.4~3.0	A04 B02	C00E00
YD10.1	14.74~14.94	1665~1835	≥1230	20.3~23.7	5.2~6.0	A02 B00	C00E00
YD10.2	12.79~12.95	1700~1940	≥1280	17.9~25.9	4.8~5.8	A02 B00	C00E00
YD15	14.85~15.05	≥91.00	≥1850	19.0~24.0	5.0~5.6	A04 B02	C00E00
YD15S	12.80~12.96	1595~1725	≥1280	15.9~19.9	5.0~6.2	A02 B00	C00E00
YD20	14.67~14.87	1450~1600	≥1320	13.5~15.1	5.2~6.0	A02 B00	C00E00
YS30	12.65~12.85	≥90.5	≥1850	13.0~17.0	8.0~9.2	A02 B02	C00E00
YS10	13.90~14.10	≥92.50	≥1720	29.0~35.0	4.7~5.8	A04 B02	C00E00
YS8	13.90~14.10	≥92.50	≥1720	29.0~35.0	4.6~5.8	A02 B02	C00E00
YS2T	14.35~14.55	≥91.50	≥1960	23.0~30.0	8.2~9.5	A02 B02	C00E00
YS25	12.95~13.15	≥91.0	≥1830	13.7~17.8	7.7~8.5	A02 B02	C00E00
YS25.1	12.65~12.85	≥91.00	≥1760	14.4~17.8	7.7~8.5	A02 B00	C00E00
YC10	10.22~10.38	1525~1675	≥1130	9.2~11.5	8.3~9.5	A02 B00	C00E00
YC30	11.35~11.51	1400~1550	≥1370	8.0~10.4	8.5~9.5	A02 B00	C00E00
YC30S	12.83~12.99	1425~1575	≥1600	13.7~15.5	8.1~9.1	A02 B00	C00E00
YC40	13.04~13.20	1320~1460	≥1650	10.7~13.1	9.1~10.2	A02 B00	C00E00
YC45	12.65~12.85	≥90.0	≥2250	15.0~19.0	10.0~11.2	A04 B02	C02E00
YM10.2	14.76~14.92	1580~1710	≥1470	17.1~22.1	4.6~6.0	A02 B00	C00E00
YM40	14.15~14.25	1175~1295	≥1960	9.1~11.5	10.5~12.0	A02 B00	C00E00
YB235	14.64~14.74	1255~1385	≥1810	8.3~9.3	7.2~8.0	A02 B00	C00E00

YF06	14.86~14.96	≥1800	≥2100	28.0~35.0	4.8~5.8	A02 B02	C00E00
YU08	14.56~14.65	≥1900	≥2000	34.0~43.0	6.3~7.7	A02 B02	C00E00
B60	12.75~12.95	≥92.50	≥1480	17.5~21.8	5.5~6.1	A04 B02	C00E00
YL05	14.95~15.11	1760~1940	≥1130	20.3~24.7	3.2~4.0	A02 B00	C00E00
YL10.1	14.88~15.04	1530~1630	≥1530	15.3~17.7	5.0~5.8	A02 B00	C00E00
YL10.2	14.40~14.55	1550~1650	≥1610	18.9~22.0	8.0~9.5	A02 B00	C00E00
YL10.3	14.85~15.05	≥90.5	≥1870	17.0~22.0	4.9~5.7	A02 B02	C00E02
YL15.2	14.60~14.90	≥87.5	≥1700	—	—	A04 B04	C04E00
YL20.3	14.68~14.88	≥89.7	≥2020	12.5~15.5	6.6~7.9	A02 B02	C00E02
YL30.3	14.35~14.55	≥88.0	≥2450	8.6~11.4	9.1~10.5	A02 B02	C00E00
YL30	14.29~14.49	1210~1350	≥1910	8.7~10.3	9.9~11.0	A02 B00	C00E00
YL35.1	14.10~14.30	≥86.5	≥2150	7.7~12.7	10.6~13.2	A02 B02	C00E00
YL40.1	13.65~13.85	≥83.5	≥2500	7.0~8.5	15.0~19.0	A04 B02	C00E00
YL50	13.86~14.06	1095~1205	≥2060	7.2~8.2	13.5~15.0	A02 B00	C00E00
YLO40.2	13.90~14.20	≥85.5	≥2500	—	7.4~10.5	A04 B04	C02E00
YLO50.2	13.40~13.70	≥80.5	≥1850	—	14.9~15.4	A04 B04	C02E00
YGH20	14.30~14.50	≥86.5	≥2500	6.5~8.5	8.2~10.0	A02 B02	C00E00
YGH25	14.10~14.30	≥85.5	≥2520	6.0~8.0	10.1~12.4	A02 B02	C00E00
YGH30	13.90~14.10	≥84.0	≥2520	4.0~5.5	12.0~14.4	A02 B02	C00E00
YGH40	13.60~13.80	≥83.5	≥2570	4.0~6.5	14.1~17.6	A02 B02	C00E00
YGH45	13.45~13.65	≥82.5	≥2570	3.5~5.5	15.6~19.8	A02 B02	C00E00
YGH50	13.25~13.45	≥82.0	≥2570	3.0~5.0	18.5~21.8	A02 B02	C00E00
YGH55	12.90~13.10	≥81.0	≥2570	3.2~4.4	20.4~24.7	A02 B02	C00E00
YGR20	14.38~14.58	≥85.5	≥2400	6.5~8.5	—	A02 B02	C00E00
YGR25	14.10~14.30	≥84.5	≥2480	6.0~8.0	—	A02 B02	C00E00
YGR30	13.93~14.13	≥83.5	≥2360	4.0~6.5	—	A02 B02	C00E00
YGR40	13.60~13.80	≥82.5	≥2400	4.0~6.5	—	A02 B02	C00E00
YGR45	13.45~13.65	≥81.0	≥2250	3.5~5.5	—	A02 B02	C00E00
YGR55	12.90~13.10	≥79.5	≥2400	3.2~4.4	—	A02 B02	C00E00
YGR60	12.58~12.78	≥79.0	≥2200	3.2~4.4	—	A02 B02	C00E00

Add: Ka Shing Mansion, Hongqi middle Road, Hetang District, Zhuzhou City, China. 412000

Mobile : +86 18307332261 (WhatsApp&Wechat)

E-mail : info@zzcarbidetools.com

Website: www.zzcarbidetools.com