

Tungsten Carbide Rod Dimensions

Rotary tool blanks: solid rods, rods with a central coolant hole and rods with two straight coolant holes. Dimensions in millimetres.

Solid Tungsten Carbide Rods

Part no.	Diameter	Diameter tol.	Length	Length tol.	Part no.	Diameter	Diameter tol.	Length	Length tol.
RCT0L	0.5	+0.50/+0.25	310/330	+5.0/+0	RC15L	15.0	+0.75/+0.35	310/330	+5.0/+0
RC01L	1.0	+0.50/+0.25	310/330	+5.0/+0	RCT15L	15.5	+0.75/+0.35	310/330	+5.0/+0
RCT1L	1.5	+0.50/+0.25	310/330	+5.0/+0	RC16L	16.0	+0.75/+0.35	310/330	+5.0/+0
RC02L	2.0	+0.50/+0.25	310/330	+5.0/+0	RCT16L	16.5	+0.75/+0.35	310/330	+5.0/+0
RCT2L	2.5	+0.50/+0.25	310/330	+5.0/+0	RC17L	17.0	+0.75/+0.35	310/330	+5.0/+0
RC03L	3.0	+0.50/+0.25	310/330	+5.0/+0	RC18L	18.0	+0.75/+0.35	310/330	+5.0/+0
RCT3L	3.5	+0.50/+0.25	310/330	+5.0/+0	RC19L	19.0	+0.75/+0.35	310/330	+5.0/+0
RC04L	4.0	+0.60/+0.25	310/330	+5.0/+0	RC20L	20.0	+0.75/+0.35	310/330	+5.0/+0
RCT4L	4.5	+0.60/+0.25	310/330	+5.0/+0	RC21L	21.0	+0.75/+0.35	310/330	+5.0/+0
RC05L	5.0	+0.60/+0.25	310/330	+5.0/+0	RC22L	22.0	+0.75/+0.35	310/330	+5.0/+0
RCT5L	5.5	+0.60/+0.25	310/330	+5.0/+0	RC23L	23.0	+0.75/+0.35	310/330	+5.0/+0
RC06L	6.0	+0.60/+0.25	310/330	+5.0/+0	RC24L	24.0	+0.75/+0.35	310/330	+5.0/+0
RCT6L	6.5	+0.60/+0.25	310/330	+5.0/+0	RC25L	25.0	+0.75/+0.35	310/330	+5.0/+0
RC07L	7.0	+0.60/+0.25	310/330	+5.0/+0	RC26L	26.0	+0.75/+0.35	310/330	+5.0/+0
RCT7L	7.5	+0.60/+0.25	310/330	+5.0/+0	RC27L	27.0	+0.75/+0.35	310/330	+5.0/+0
RC08L	8.0	+0.60/+0.25	310/330	+5.0/+0	RC28L	28.0	+0.75/+0.35	310/330	+5.0/+0
RCT8L	8.5	+0.60/+0.25	310/330	+5.0/+0	RC29L	29.0	+0.75/+0.35	310/330	+5.0/+0
RC09L	9.0	+0.60/+0.25	310/330	+5.0/+0	RC30L	30.0	+0.75/+0.35	310/330	+5.0/+0
RCT9L	9.5	+0.60/+0.25	310/330	+5.0/+0	RC31L	31.0	+0.75/+0.35	310/330	+5.0/+0
RC10L	10.0	+0.70/+0.30	310/330	+5.0/+0	RC32L	32.0	+0.75/+0.35	310/330	+5.0/+0
RCT10L	10.5	+0.70/+0.30	310/330	+5.0/+0	RC33L	33.0	+0.75/+0.35	310/330	+5.0/+0
RC11L	11.0	+0.70/+0.30	310/330	+5.0/+0	RC34L	34.0	+0.75/+0.35	310/330	+5.0/+0
RCT11L	11.5	+0.70/+0.30	310/330	+5.0/+0	RC35L	35.0	+0.75/+0.35	310/330	+5.0/+0
RC12L	12.0	+0.70/+0.35	310/330	+5.0/+0	RC36L	36.0	+0.75/+0.35	310/330	+5.0/+0
RCT12L	12.5	+0.70/+0.35	310/330	+5.0/+0	RC37L	37.0	+0.75/+0.35	310/330	+5.0/+0
RC13L	13.0	+0.70/+0.35	310/330	+5.0/+0	RC38L	38.0	+0.75/+0.35	310/330	+5.0/+0
RCT13L	13.5	+0.70/+0.35	310/330	+5.0/+0	RC39L	39.0	+0.75/+0.35	310/330	+5.0/+0
RC14L	14.0	+0.75/+0.35	310/330	+5.0/+0	RC40L	40.0	+0.75/+0.35	310/330	+5.0/+0
RCT14L	14.5	+0.75/+0.35	310/330	+5.0/+0	RC41L	41.0	+0.75/+0.35	310/330	+5.0/+0

Rods With Central Coolant Hole

Part no.	Diameter	Unground tol.	Ground	Length	Hole dia.	Hole tol.	Eccentricity
GC1030330050	3.0	+0.30/+0.50	H6	330 (+5.0/+0)	0.5	±0.1	0.10
GC1040330080	4.0	+0.30/+0.50	H6	330 (+5.0/+0)	0.8	±0.1	0.10
GC1050330080	5.0	+0.30/+0.50	H6	330 (+5.0/+0)	0.8	±0.1	0.13
GC1060330100	6.0	+0.30/+0.50	H6	330 (+5.0/+0)	1.0	±0.15	0.15
GC1070330100	7.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.0	±0.15	0.15
GC1080330100	8.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.0	±0.15	0.15
GC1090330140	9.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.4	±0.15	0.20
GC1100330140	10.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.4	±0.15	0.20
GC1110330140	11.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.4	±0.15	0.28
GC1120330175	12.0	+0.30/+0.60	H6	330 (+5.0/+0)	1.4	±0.15	0.30
GC1130330175	13.0	+0.30/+0.70	H6	330 (+5.0/+0)	1.8	±0.15	0.34
GC1140330175	14.0	+0.30/+0.70	H6	330 (+5.0/+0)	1.8	±0.15	0.37
GC1150330200	15.0	+0.30/+0.70	H6	330 (+5.0/+0)	1.8	±0.20	0.40
GC1160330200	16.0	+0.30/+0.70	H6	330 (+5.0/+0)	2.0	±0.20	0.40
GC1170330200	17.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.0	±0.20	0.47
GC1180330200	18.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.0	±0.20	0.50
GC1190330200	19.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.0	±0.20	0.50
GC1200330250	20.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.0	±0.25	0.50
GC1210330250	21.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.5	±0.25	0.50
GC1220330250	22.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.5	±0.25	0.50
GC1230330250	23.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.5	±0.25	0.50
GC1240330300	24.0	+0.30/+0.80	H6	330 (+5.0/+0)	2.5	±0.25	0.50
GC1250330300	25.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50
GC1260330300	26.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50
GC1270330300	27.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50
GC1280330300	28.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50
GC1290330300	29.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50
GC1300330300	30.0	+0.30/+0.80	H6	330 (+5.0/+0)	3.0	±0.25	0.50

Rods With Two Straight Coolant Holes

Part no.	Dia.	Unground tol.	Ground	Length	Hole dia.	Hole tol.	Bore circle	TK tol.	Ecc.
GCS1060330080015	6	+0.30/+0.50	H6	330	0.8	±0.1	1.5	(+0/-0.2)	0.15
GCS1070330080015	7	+0.30/+0.60	H6	330	0.8	±0.1	1.5	(+0/-0.2)	0.15
GCS1080330100015	8	+0.30/+0.60	H6	330	1	±0.15	1.5	(+0/-0.3)	0.15
GCS1090330100026	9	+0.30/+0.60	H6	330	1	±0.15	2.6	(+0/-0.3)	0.2
GCS1100330100026	10	+0.30/+0.60	H6	330	1	±0.15	2.6	(+0/-0.3)	0.2
GCS1110330120036	11	+0.30/+0.60	H6	330	1.2	±0.15	3.6	(+0/-0.3)	0.28
GCS1120330120036	12	+0.30/+0.60	H6	330	1.2	±0.15	3.6	(+0/-0.3)	0.3
GCS1130330120036	13	+0.30/+0.70	H6	330	1.2	±0.15	3.6	(+0/-0.3)	0.34
GCS1140330150050	14	+0.30/+0.70	H6	330	1.5	±0.15	5	(+0/-0.3)	0.37
GCS1150330150050	15	+0.30/+0.70	H6	330	1.5	±0.15	5	(+0/-0.3)	0.4
GCS1160330150050	16	+0.30/+0.70	H6	330	1.5	±0.15	5	(+0/-0.3)	0.4
GCS1170330200062	17	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.3)	0.47
GCS1180330200062	18	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.3)	0.5
GCS1190330200062	19	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.3)	0.5
GCS1200330200062	20	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.4)	0.5
GCS1210330200062	21	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.4)	0.5
GCS1220330200062	22	+0.30/+0.80	H6	330	2	±0.20	6.2	(+0/-0.4)	0.5
GCS1230330200075	23	+0.30/+0.80	H6	330	2	±0.20	7.5	(+0/-0.4)	0.5
GCS1240330200075	24	+0.30/+0.80	H6	330	2	±0.20	7.5	(+0/-0.5)	0.5
GCS1250330200075	25	+0.30/+0.80	H6	330	2	±0.20	7.5	(+0/-0.5)	0.5
GCS1260330200075	26	+0.30/+0.80	H6	330	2	±0.20	7.5	(+0/-0.5)	0.5

Rods with two helical coolant holes at 30 degrees are made to order. Ground rods are finished to H6. Email info@gwmtech.com.cn with the diameter, hole geometry and grade.