

Zhuzhou Weikeduo Cemented Carbide Co., LTD.

Product Catalog

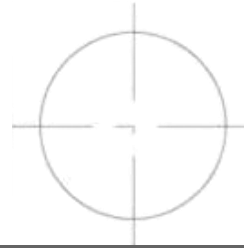
— 2024 Edition



Rod Material Introduction

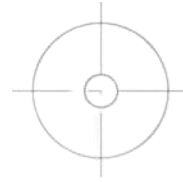
Grade	Binder Phase	Grain Size	Hardness		T.R.S	Density	Application	ISO
			HRA	HV3	≥N/mm ²	g/cm ³		
VKD10	10	0.8	91.8	1560	3800	14.45	性能十分稳定优异的通用级牌号，覆盖绝大部分ISO P, M, K, N类别材料的切削加工。适用于钻孔，铣削和铰刀。 It is a general grade with stable and excellent performance, covering the cutting of most ISO P,M, K, N materials. Suitable for drilling, milling and reaming.	K30
VKD12U	12	0.4	92.5	1700	4100	14.15	保持优异的耐磨性兼具出色的抗冲击性能。用于加工不锈钢、钛合金、镍基合金和其他难加工材料的通用级牌号。适用于铣削，钻孔。 Excellent wear resistance and impact resistance. It is used for machining stainless steel, titanium alloy, nickel base alloy and other difficult to machine materials. Suitable for milling and drilling.	K40
VKD06U	6	0.4	93.8	2000	3800	14.8	适用于高硬材料、复合材料精加工，PCB刀具，雕刻刀。 Suitable for finish machining of high hard materials, composite materials, PCB tools and engraving knives.	K10
VKD15	15	0.7	89.5	1370	4000	13.9	适用于制作冲压模具、耐磨耗材零部件等。 Suitable for making stamping dies, wear-resistant consumable parts, etc.	K40

Solid Cemented Carbide Rods



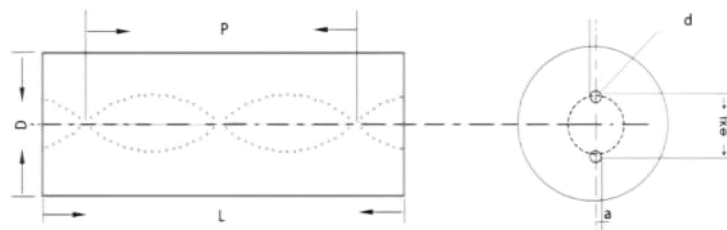
型号	直径	外径公差	长度	长度公差
TYPE	Diameter (mm)	ToLof Diameter (mm)	L (mm)	ToLof Length (mm)
Φ3.0x330	3	'+0.3~+0.45	330/310	-0~+5.0
Φ3.5x330	3.5	'+0.3~+0.45	330/310	-0~+5.0
Φ4.0x330	4	'+0.3~+0.45	330/310	-0~+5.0
Φ4.5x330	4.5	'+0.3~+0.45	330/310	-0~+5.0
Φ5.0x330	5	'+0.3~+0.45	330/310	-0~+5.0
Φ5.5x330	5.5	'+0.3~+0.45	330/310	-0~+5.0
Φ6.0x330	6	'+0.3~+0.60	330/310	-0~+5.0
Φ6.5x330	6.5	'+0.3~+0.60	330/310	-0~+5.0
Φ7.0x330	7	'+0.3~+0.60	330/310	-0~+5.0
Φ8.0x330	8	'+0.3~+0.60	330/310	-0~+5.0
Φ8.5x330	8.5	'+0.3~+0.60	330/310	-0~+5.0
Φ9.0x330	9	'+0.3~+0.60	330/310	-0~+5.0
Φ10.0x330	10	'+0.3~+0.60	330/310	-0~+5.0
Φ10.5x330	10.5	'+0.3~+0.60	330/310	-0~+5.0
Φ11.0x330	11	'+0.3~+0.60	330/310	-0~+5.0
Φ12.0x330	12	'+0.3~+0.60	330/310	-0~+5.0

Single-Hole Cemented Carbide Rods



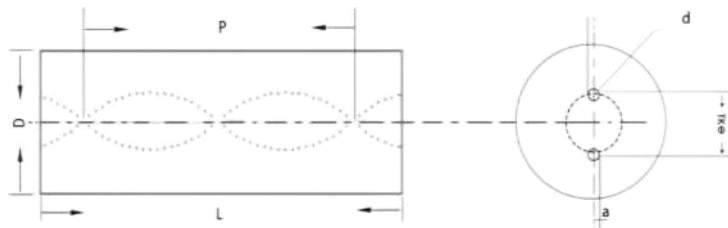
型号 TYPE	直径 Diameter(mm)	外径公差Tol.of Diameter(mm)	孔径 (d)	孔径公差 Tol.of d(mm)	长度L(mm)	长度公差 Tol.of Length(mm)
Φ3×Φ0.5	3	+0.3 , +0.5	0.50	±0.10	330/310	0~+5
Φ4×Φ0.8	4	+0.3 , +0.5	0.80	±0.10	330/310	0~+5
Φ5×Φ0.8	5	+0.3 , +0.5	0.80	±0.10	330/310	0~+5
Φ6×Φ1.0	6	+0.3 , +0.5	1.00	±0.15	330/310	0~+5
Φ7×Φ1.0	7	+0.3 , +0.6	1.00	±0.15	330/310	0~+5
Φ8×Φ1.0	8	+0.3 , +0.6	1.00	±0.15	330/310	0~+5
Φ9×Φ1.4	9	+0.3 , +0.6	1.40	±0.15	330/310	0~+5
Φ10×Φ1.4	10	+0.3 , +0.6	1.40	±0.15	330/310	0~+5
Φ12×Φ1.75	12	+0.3 , +0.6	1.75	±0.15	330/310	0~+5
Φ14×Φ1.75	14	+0.3 , +0.7	1.75	±0.15	330/310	0~+5
Φ16×Φ2.0	16	+0.3 , +0.7	2.00	±0.20	330/310	0~+5

30° Double Helix Hole Rods



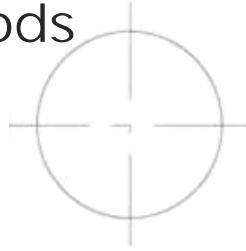
外径		孔径		孔间距		孔偏离	螺距	
Diameter(mm)	公差	d(mm)	公差	Bolt Circle(mm)	公差	A(mm)	Pitch (mm)	公差
3.0	+0.6,+1.0	0.40	±0.10	1.70	+0,-0.4	0.15	16.32	-0.32,+0.33
4.0	+0.6,+1.0	0.60	±0.10	2.20	+0,-0.4	0.15	21.77	-0.43,+0.45
5.0	+0.6,+1.0	0.70	±0.10	2.60	+0,-0.4	0.15	27.21	-0.54,+0.56
6.0	+0.6,+1.0	0.70	±0.10	2.60	+0,-0.4	0.15	32.65	-0.65,+0.67
7.0	+0.7,+1.1	1.00	±0.15	3.70	+0,-0.4	0.15	38.09	-0.76,+0.78
8.0	+0.7,+1.1	1.00	±0.15	4.00	+0,-0.4	0.15	43.53	-0.86,+0.89
9.0	+0.7,+1.1	1.40	±0.15	4.80	+0,-0.6	0.20	48.97	-0.97,+1.00

30° Double Helix Hole Rods



外径		孔径		孔间距		孔偏离	螺距	
Diameter(mm)	公差	d(mm)	公差	Bolt Circle(mm)	公差	A(mm)	Pitch (mm)	公差
10.0	+0.7,+1.1	1.40	±0.15	4.80	+0,-0.6	0.20	54.41	-1.08,+1.11
11.0	+0.7,+1.1	1.40	±0.15	5.30	+0,-0.8	0.30	59.86	-1.19,+1.22
12.0	+0.7,+1.1	1.40	±0.15	6.25	+0,-0.8	0.30	65.3	-1.30,+1.34
13.0	+0.7,+1.1	1.75	±0.20	6.50	+0,-0.8	0.37	70.74	-1.40,+1.45
14.0	+0.7,+1.1	1.75	±0.20	7.10	+0,-0.8	0.40	76.18	-1.51,+1.56
15.0	+0.7,+1.1	1.75	±0.20	7.70	+0,-0.8	0.40	81.62	-1.62,+1.67
16.0	+0.7,+1.1	1.75	±0.20	8.30	+0,-0.8	0.40	87.06	-1.73,+1.78

Fine-Diameter Cemented Carbide Rods



型号	直径	外径公差	长度	长度公差
TYPE	Diameter (mm)	ToL of Diameter (mm)	L (mm)	ToL of Length (mm)
Φ0.5x330	0.5	+0.15~+0.30	330/310	-0~+5.0
Φ0.7x330	0.7	+0.15~+0.30	330/310	-0~+5.0
Φ0.8x330	0.8	+0.15~+0.30	330/310	-0~+5.0
Φ1.0x330	1.0	+0.15~+0.30	330/310	-0~+5.0
Φ1.5x330	1.5	+0.15~+0.30	330/310	-0~+5.0
Φ1.6x330	1.6	+0.15~+0.30	330/310	-0~+5.0
Φ1.8x330	1.8	+0.15~+0.30	330/310	-0~+5.0
Φ2.0x330	2.0	+0.15~+0.30	330/310	-0~+5.0
Φ2.3x330	2.3	+0.15~+0.30	330/310	-0~+5.0
Φ2.5x330	2.5	+0.15~+0.30	330/310	-0~+5.0
Φ2.8x330	2.8	+0.15~+0.30	330/310	-0~+5.0

Micro-Hole Rods



型号	直径	外径公差	孔径 (d)	孔径公差	长度	长度公差
TYPE	Diameter (mm)	ToL of Diameter (mm)	(mm)	Tol of d(mm)	L (mm)	ToL of Length (mm)
Φ2.0xΦ0.2x330	2	+0.25 , +0.40	0.20	±0.05	330/310	0~+5
Φ2.0xΦ0.3x330	2	+0.25 , +0.40	0.30	±0.05	330/310	0~+5
Φ2.0xΦ0.4x330	2	+0.25 , +0.40	0.40	±0.05	330/310	0~+5
Φ2.0xΦ0.5x330	2	+0.25 , +0.40	0.50	±0.05	330/310	0~+5
Φ2.0xΦ1.2x330	2	+0.25 , +0.40	1.20	±0.1	330/310	0~+5
Φ3.0xΦ0.2x330	3	+0.25 , +0.40	0.20	±0.05	330/310	0~+5
Φ3.0xΦ0.3x330	3	+0.25 , +0.40	0.30	±0.05	330/310	0~+5
Φ3.0xΦ0.4x330	3	+0.25 , +0.40	0.40	±0.05	330/310	0~+5
Φ3.0xΦ2.0x330	3	+0.25 , +0.40	2.00	±0.1	330/310	0~+5

Product Features



Stable Quality

★ ★ A ★

This award ribbon features a red circular border containing the text "Stable Quality" in blue. Below the circle is a pink ribbon with a dark red border, containing four dark red stars and the letter "A" in the center.



Excellent Straightness

★ ★ B ★

This award ribbon features a red circular border containing the text "Excellent Straightness" in blue. Below the circle is a pink ribbon with a dark red border, containing four dark red stars and the letter "B" in the center.



Minimum Inner Hole:
0.2mm

★ ★ C ★

This award ribbon features a red circular border containing the text "Minimum Inner Hole: 0.2mm" in blue. Below the circle is a pink ribbon with a dark red border, containing four dark red stars and the letter "C" in the center.

Welcome New and Existing Customers to Visit and Guide Us!



WEIKEDUO

株洲威克多硬质合金有限公司

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