



SilverEagle Metal Material



QUALITY



SERVICE



VALUE



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CARBIDE RODS & BARS

Zhuzhou Silvereagle Metal Material Co., Ltd.

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- 02 CUT-LENGTH CARBIDE RODS,
h6 GROUND,POLISHED,CHAMFERED
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h6 GROUND & POLISHED
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ABOUT US

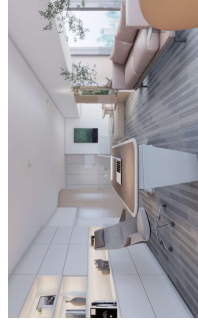


Zhuzhou SilverEagle Metal Material Co., Ltd. was founded on April 4, 2002, with the purpose of providing high-performance Carbide products to all over the world.

Based in China, we are a company passionate in the carbide business and committed to always going beyond our customer's expectations when it comes to quality, packaging & delivery.

With a vast variety of carbide products, we hope to always have exactly what you are looking for with the material quality you expect.

Zhuzhou SilverEagle Metal Material believes not only in high quality products, but the highest-quality customer service. With that said, we will always do our best to provide you with products that exceed your expectations and earn your trust. Our success is defined by SilverEagle's dedication to customer service and the happiness of you, the customer.

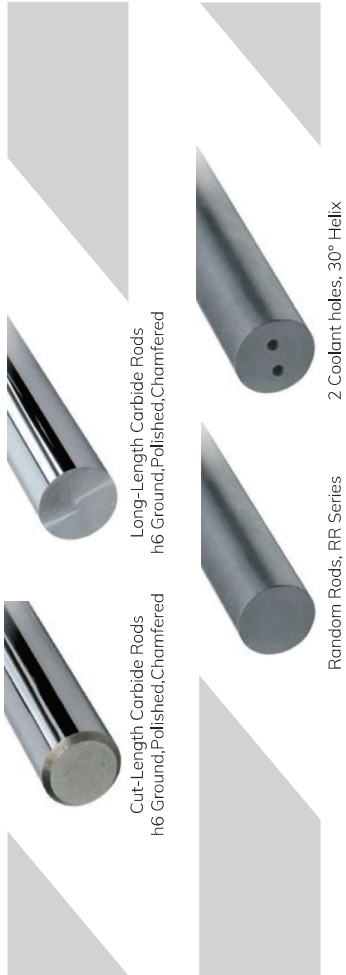


GRADES CHART

CHEMICAL COMP			PHYSICAL DATA					
GRADE	WC	CO	GRAIN (μ)	HARDNESS (HV30)	HARDNESS (HRA)	TRS (N/mm ²)	TRS (KPSI)	DENSITY (g/cm ³)
VP06F	94.0%	6.0%	0.5	1860	93.5	3800	551.0	14.90
VP10X	90.0%	10.0%	0.7	1600	92.1	3800	551.0	14.50
VP06G	94.0%	6.0%	1.2	1450	90.5	2400	348.1	14.90

Various sizes and grades available, per customer request

CARBIDE RODS, ROUND: TYPES



CUT-LENGTH CARBIDE RODS, h6 GROUND, POLISHED, CHAMFERED

Sizes in inch.

CUT-LENGTHS, CHAMFERED 1 END				
OD x Length	OD x Length	OD x Length	OD x Length	OD x Length
1/8 x 1-1/2	1/4 x 1-1/2	3/8 x 2-1/2	1/2 x 3-1/2	3/4 x 3
1/8 x 2	1/4 x 2	3/8 x 3	1/2 x 4	3/4 x 4
1/8 x 3	1/4 x 2-1/2	3/8 x 3-1/2	1/2 x 5	3/4 x 5
1/8 x 4	1/4 x 3	3/8 x 4	1/2 x 6	3/4 x 6
1/8 x 4-1/2	1/4 x 3-1/2	3/8 x 5	9/16 x 3	7/8 x 4
5/32 x 2	1/4 x 4	3/8 x 6	9/16 x 3-1/2	7/8 x 5
5/32 x 2 -1/2	9/32 x 1-1/2	7/16 x 2-1/2	9/16 x 6	1 x 4
11/64 x6-1/2	5/16 x 1-1/4	7/16 x 2-3/4	5/8 x 3	1 x 5
3/16 x 1-1/2	5/16 x 2	7/16 x 3	5/8 x 3-1/2	1 x 6
3/16 x 2	5/16 x 2-1/2	7/16 x 4	5/8 x 4	1 x 7
3/16 x 2-1/2	5/16 x 3	7/16 x 6	5/8 x 4-1/2	1 x 8
3/16 x 3	5/16 x 4	1/2 x 2-1/2	5/8 x 5	1-1/4 x 6
3/16 x 4	3/8 x 2	1/2 x 3	5/8 x 6	

Various sizes and grades available, per customer request

CUT-LENGTH CARBIDE RODS, h6 GROUND, POLISHED, CHAMFERED

Sizes in mm.

CHAMFERED 1 END, CUT-LENGTHS				
OD x Length	OD x Length	OD x Length	OD x Length	OD x Length
3 x 38	4 x 80	6 x 66	9.5 x 84	16 x 93
3 x 46	4.5 x 58	6 x 75	10 x 66	18 x 84
3 x 50	4.5 x 62	6 x 80	10 x 70	18 x 93
3 x 52	4.5 x 80	6 x 93	10 x 73	18 x 130
3 x 61	4.5 x 86	6.5 x 70	10 x 75	20 x 93
3 x 65	5 x 50	6.5 x 74	10 x 90	20 x 100
3 x 70	5 x 62	7 x 60	10.5 x 89	20 x 105
3 x 75	5 x 66	7 x 80	10.5 x 95	20 x 130
3 x 100	5 x 75	7.5 x 74	11 x 95	25 x 74
3.5 x 55	5 x 86	8 x 60	12 x 75	25 x 125
3.5 x 70	5 x 93	8 x 64	14 x 75	25 x 150
4 x 40	5.5 x 66	8 x 75	14 x 82	25 x 170
4 x 51	5.5 x 93	8 x 80	14 x 85	
4 x 55	6 x 50	8.5 x 79	15 x 92	
4 x 58	6 x 54	9 x 67	16 x 82	
4 x 75	6 x 60	9 x 84	16 x 89	

Various sizes and grades available, per customer request



LONG-LENGTH CARBIDE RODS, h6 GROUND & POLISHED

Sizes in mm.

LONG-LENGTHS 310 mm, 330 mm												
OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
0.5	3	5.5	8	10.5	13	15.5	18	20.5	23			
1	3.5	6	8.5	11	13.5	16	18.5	21	23.5			
1.5	4	6.5	9	11.5	14	16.5	19	21.5	24			
2	4.5	7	9.5	12	14.5	17	19.5	22	24.5			
2.5	5	7.5	10	12.5	15	17.5	20	22.5	25			
									26			

Various sizes and grades available, per customer request

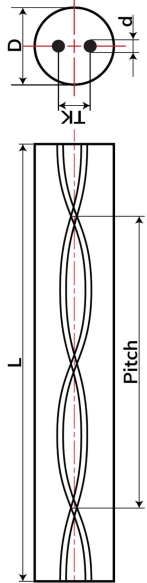
RANDOM RODS, RR SERIES

Sizes in inch.

Item	OD	L	Item	O	L
RR-6	3/32	12.5	RR-22	11/32	12.5
RR-7	7/64	12.5	RR-23	23/64	12.5
RR-8	1/8	12.5	RR-24	3/8	12.5
RR-9	9/64	12.5	RR-25	25/64	12.5
RR-10	5/32	12.5	RR-26	13/32	12.5
RR-11	11/64	12.5	RR-27	27/64	12.5
RR-12	3/16	12.5	RR-28	7/16	12.5
RR-13	13/64	12.5	RR-30	15/32	12.5
RR-14	7/32	12.5	RR-32	1/2	12.5
RR-15	15/64	12.5	RR-40	5/8	12.5
RR-16	1/4	12.5	RR-44	11/16	12.5
RR-17	17/64	12.5	RR-48	3/4	12.5
RR-18	9/32	12.5	RR-52	52/64	12.5
RR-19	19/64	12.5	RR-56	56/64	12.5
RR-20	5/16	12.5	RR-60	60/64	12.5
RR-21	21/64	12.5	RR-64	64/64	12.5

Various sizes and grades available, per customer request

2 COOLANT HOLES, 30°HELIX

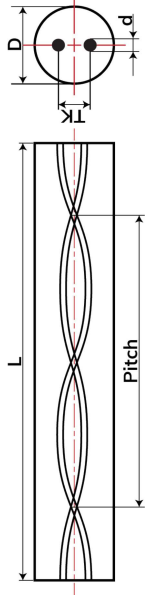


Sizes in mm.

D	D h5/h6	d	TK	Pitch
3.3 +0.3/+0.7	3	0.40 ±0.10	1.60 ±0.10	16.32
4.3 +0.3/+0.7	4	0.60 ±0.10	2.10 ±0.10	21.77
5.3 +0.3/+0.7	5	0.70 ±0.10	2.10 ±0.20	27.21
6.3 +0.3/+0.7	6	0.70 ±0.10	2.40 ±0.20	32.65
7.3 +0.3/+0.7	7	1.00 ±0.15	3.50 ±0.20	38.09
8.3 +0.3/+0.7	8	1.00 ±0.15	3.80 ±0.20	43.53
9.3 +0.3/+0.7	9	1.40 ±0.15	4.50 ±0.30	48.97
10.3 +0.3/+0.7	10	1.40 ±0.15	4.50 ±0.30	54.41
11.3 +0.4/+0.9	11	1.40 ±0.15	4.90 ±0.40	59.86
12.3 +0.4/+0.9	12	1.40 ±0.15	5.85 ±0.40	65.30
13.3 +0.4/+0.9	13	1.75 ±0.20	6.10 ±0.40	70.74
14.3 +0.4/+0.9	14	1.75 ±0.20	6.70 ±0.40	76.18
15.3 +0.4/+0.9	15	1.75 ±0.20	7.30 ±0.40	81.62
16.3 +0.4/+0.9	16	1.75 ±0.20	7.90 ±0.40	87.06
17.3 +0.4/+1.0	17	1.75 ±0.20	8.50 ±0.40	92.50
18.3 +0.4/+1.0	18	2.00 ±0.25	9.15 ±0.40	97.95
19.3 +0.4/+1.0	19	2.00 ±0.25	9.70 ±0.40	103.39
20.3 +0.4/+1.0	20	2.00 ±0.25	9.90 ±0.40	108.83
22.3 +0.4/+1.0	22	2.00 ±0.25	11.10 ±0.40	119.71
25.3 +0.4/+1.0	25	2.00 ±0.25	12.80 ±0.40	136.03

Various sizes and grades available, per customer request

2 COOLANT HOLES, 40°HELIX

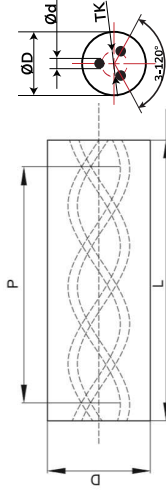


Sizes in mm.

D	D h5/h6	d	TK	Pitch
6.3 +0.3/+0.7	6	0.50 ±0.10	2.00 ±0.15	22.46
8.3 +0.3/+0.7	8	0.65 ±0.15	2.40 ±0.30	29.95
10.3 +0.3/+0.7	10	0.80 ±0.15	3.10 ±0.40	37.44
12.3 +0.4/+0.9	12	0.90 ±0.15	3.80 ±0.40	44.93
14.3 +0.4/+0.9	14	1.00 ±0.20	4.30 ±0.40	52.42
16.3 +0.4/+0.9	16	1.20 ±0.20	5.10 ±0.40	59.90
18.3 +0.4/+1.0	18	1.40 ±0.25	5.90 ±0.40	67.39
20.3 +0.4/+1.0	20	1.50 ±0.25	6.60 ±0.50	74.88
22.3 +0.4/+1.0	22	1.70 ±0.25	7.20 ±0.50	82.35
25.3 +0.4/+1.0	25	1.75 ±0.25	7.60 ±0.50	93.58

Various sizes and grades available, per customer request

3 COOLANT HOLES, 30°HELIX



Sizes in mm.

D	D h5/h6	d	TK	Pitch
6.3 +0.3/+0.7	6	0.50 ±0.10	2.75 ±0.20	32.65
8.3 +0.3/+0.7	8	0.70 ±0.15	3.85 ±0.20	43.53
10.3 +0.3/+0.7	10	0.85 ±0.15	4.95 ±0.30	54.41
12.3 +0.4/+0.9	12	1.10 ±0.15	6.05 ±0.40	65.30
14.3 +0.4/+0.9	14	1.40 ±0.20	7.05 ±0.40	76.18
16.3 +0.4/+0.9	16	1.60 ±0.20	8.05 ±0.40	87.06
18.3 +0.4/+1.0	18	1.70 ±0.25	9.25 ±0.50	97.95
20.3 +0.4/+1.0	20	1.90 ±0.25	9.85 ±0.50	108.83

Various sizes and grades available, per customer request

CARBIDE STANDARD UNGROUND
BLANKS(STB)

Sizes in inch.

Blank Style	Dimensions	Blank Style	Dimensions	Blank Style	Dimensions
STB13	3/64 × 3/32 × 1	STB328	3/32 × 7/8 × 6	STB420	1/8 × 5/8 × 6
STB13A	3/64 × 3/32 × 13/16	STB332	3/32 × 1 × 6	STB424	1/8 × 3/4 × 6
STB14	5/64 × 1/8 × 1-1/8	STB336	3/32 × 1-1/8 × 6	STB428	1/8 × 7/8 × 6
STB206	1/16 × 3/16 × 6	STB34	3/32 × 1/8 × 5	STB432	1/8 × 1 × 6
STB208	1/16 × 1/4 × 6	STB340	3/32 × 1-1/4 × 6	STB436	1/8 × 1-1/8 × 6
STB210	1/16 × 5/16 × 6	STB348	3/32 × 1-1/2 × 6	STB440	1/8 × 1-1/4 × 6
STB212	1/16 × 3/8 × 6	STB34A	3/32 × 1/8 × 1	STB448	1/8 × 1-1/2 × 6
STB216	1/16 × 1/2 × 6	STB36	3/32 × 3/16 × 1-1/8	STB46	1/8 × 3/16 × 6
STB220	1/16 × 5/8 × 6	STB36A	3/32 × 3/16 × 1-1/4	STB48A	1/8 × 1/4 × 1
STB224	1/16 × 3/4 × 6	STB36B	3/32 × 3/16 × 1	STB48B	1/8 × 1/4 × 1-1/4
STB228	1/16 × 7/8 × 6	STB38A	3/32 × 1/4 × 1	STB48C	1/8 × 1/4 × 2-1/4
STB24A	1/16 × 1/8 × 1	STB38B	3/32 × 1/4 × 1-1/2	STB48D	1/8 × 1/4 × 3
STB24B	1/16 × 1/8 × 3	STB38D	3/32 × 1/4 × 5	STB48E	1/8 × 1/4 × 6
STB24C	1/16 × 1/8 × 1-1/4	STB406	1/8 × 3/16 × 6	STB510	5/32 × 5/16 × 6
STB24E	1/16 × 1/8 × 3/4	STB408	1/8 × 1/4 × 6	STB512	5/32 × 3/8 × 6
STB26A	1/16 × 3/16 × 1	STB410	1/8 × 5/16 × 6	STB516	5/32 × 1/2 × 6
STB26C	1/16 × 3/16 × 3	STB410A	1/8 × 5/16 × 1-1/2	STB520	5/32 × 5/8 × 6
STB28A	1/16 × 1/4 × 1	STB410B	1/8 × 5/16 × 3	STB524	5/32 × 3/4 × 6
STB28B	1/16 × 1/4 × 1-1/4	STB410C	1/8 × 5/16 × 2-1/2	STB528	5/32 × 7/8 × 6
STB28D	1/16 × 1/4 × 3	STB412	1/8 × 3/8 × 6	STB532	5/32 × 1 × 6
STB310	3/32 × 5/16 × 3	STB412A	1/8 × 3/8 × 2	STB536	5/32 × 1-1/8 × 6
STB310A	3/32 × 5/16 × 2	STB412B	1/8 × 3/8 × 3	STB540	5/32 × 1-1/4 × 6
STB310B	3/32 × 5/16 × 3	STB412C	1/8 × 3/8 × 6	STB610	3/16 × 5/16 × 6
STB310C	3/32 × 5/16 × 5	STB412D	1/8 × 3/8 × 1	STB610A	3/16 × 5/16 × 3
STB312	3/32 × 3/8 × 5	STB416	1/8 × 1/2 × 6	STB612	3/16 × 3/8 × 6
STB312W	3/32 × 3/8 × 6	STB416A	1/8 × 1/2 × 1	STB612A	3/16 × 3/8 × 3
STB316	3/32 × 1/2 × 6	STB416B	1/8 × 1/2 × 1-1/2	STB616	3/16 × 1/2 × 6
STB320	3/32 × 5/8 × 6	STB416C	1/8 × 1/2 × 3	STB616A	3/16 × 1/2 × 3
STB324	3/32 × 3/4 × 6	STB416D	1/8 × 1/2 × 2-1/2		

Various sizes and grades available, per customer request