

OFFICIAL GUIDE SPECIFICATION CHARTS



RING LOCK™

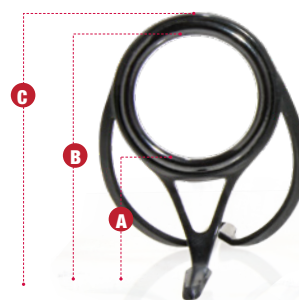
LIGHTER • STRONGER • MORE DURABLE

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



Ring Lock Casting Edition

DURALITE RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
DBRLC-6	DCRLC-6	3.16 mm	7.07 mm	8.69 mm	0.3 gm	3.91 mm	4.30 mm	15.66 mm
DBRLC-7	DCRLC-7	3.85 mm	8.51 mm	9.80 mm	0.4 gm	4.66 mm	4.89 mm	17.39 mm
DBRLC-8	DCRLC-8	4.5 mm	9.86 mm	11.76 mm	0.4 gm	5.36 mm	5.02 mm	18.51 mm
DBRLC-10	DCRLC-10	4.8 mm	11.88 mm	14.60 mm	0.7 gm	7.08 mm	5.5 mm	20.8 mm
DBRLC-12	DCRLC-12	6.1 mm	14.44 mm	16.66 mm	1.10 gm	8.34 mm	5.75 mm	24.5 mm
DBRLC-16	DCRLC-16	8.79 mm	19.31 mm	21.46 mm	2.0 gm	10.52 mm	8 mm	31 mm
DBRLC-20	DCRLC-20	12.95 mm	26.9 mm	28.88 mm	3.6 gm	13.95 mm	12.13 mm	44.8 mm

NANOLITE RING

Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NBRLC-6	NTRLC-6	NCRLC-6	2.73 mm	7.13 mm	8.48 mm	0.2 gm	4.40 mm	4.30 mm	15.66 mm
NBRLC-7	NTRLC-7	NCRLC-7	3.6 mm	8.2 mm	9.80 mm	0.3 gm	4.6 mm	4.89 mm	17.39 mm
NBRLC-8	NTRLC-8	NCRLC-8	4.22 mm	10.22 mm	11.78 mm	0.4 gm	5.8 mm	5.02 mm	18.51 mm
NBRLC-10	NTRLC-10	NCRLC-10	5.1 mm	12.74 mm	14.81 mm	0.6 gm	7.64 mm	5.5 mm	20.8 mm
NBRLC-12	NTRLC-12	NCRLC-12	5.7 mm	14.9 mm	16.25 mm	1.0 gm	9.2 mm	5.75 mm	24.5 mm
NBRLC-16	NTRLC-16	NCRLC-16	8 mm	19.6 mm	22.01 mm	1.6 gm	11.6 mm	8 mm	31 mm
NBRLC-20	NTRLC-20	NCRLC-20	11.8 mm	29.41 mm	28.88 mm	3.2 gm	14.88 mm	12.13 mm	44.8 mm

NANOPLASMA RING

Model	Model	Model	Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BTRLC-6	GTRLC-6	TTRLC-6	HTRLC-6	HHRLC-6	GBRLC-6	2.73 mm	7.13 mm	8.48 mm	0.2 gm	4.40 mm	4.30 mm	15.66 mm
BTRLC-7	GTRLC-7	TTRLC-7	HTRLC-7	HHRLC-7	GBRLC-7	3.6 mm	8.2 mm	9.80 mm	0.3 gm	4.6 mm	4.89 mm	17.39 mm
BTRLC-8	GTRLC-8	TTRLC-8	HTRLC-8	HHRLC-8	GBRLC-8	4.22 mm	10.22 mm	11.78 mm	0.4 gm	5.8 mm	5.02 mm	18.51 mm
BTRLC-10	GTRLC-10	TTRLC-10	HTRLC-10	HHRLC-10	GBRLC-10	5.1 mm	12.74 mm	14.81 mm	0.6 gm	7.64 mm	5.5 mm	20.8 mm
BTRLC-12	GTRLC-12	TTRLC-12	HTRLC-12	HHRLC-12	GBRLC-12	5.7 mm	14.9 mm	16.25 mm	1.0 gm	9.2 mm	5.75 mm	24.5 mm
BTRLC-16	GTRLC-16	TTRLC-16	HTRLC-16	HHRLC-16	GBRLC-16	8 mm	19.6 mm	22.01 mm	1.6 gm	11.6 mm	8 mm	31 mm
BTRLC-20	GTRLC-20	TTRLC-20	HTRLC-20	HHRLC-20	GBRLC-20	11.8 mm	29.41 mm	28.88 mm	3.2 gm	14.88 mm	12.13 mm	44.8 mm

Ring Lock Fly Guides

DURALITE RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
DBRLF-5	DCRLF-5	2.75 mm	5.55 mm	7.2 mm	0.1 gm	2.8 mm	7 mm	9.5 mm
DBRLF-6	DCRLF-6	3.35 mm	7.32 mm	9.12 mm	0.2 gm	3.97 mm	7.44 mm	9.8 mm
DBRLF-7	DCRLF-7	3.8 mm	8.25 mm	10.25 mm	0.3 gm	4.45 mm	8.8 mm	11.8 mm
DBRLF-8	DCRLF-8	4.1 mm	9.35 mm	11.5 mm	0.4 gm	5.25 mm	9.5 mm	13.0 mm
DBRLF-10	DCRLF-10	4.8 mm	12.35 mm	14.3 mm	0.7 gm	7.55 mm	10 mm	13.9 mm

NANOLITE RING

Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NBRLF-5	NTRLF-5	NCRLF-5	2.5 mm	5.74 mm	7.19 mm	0.1 gm	3.24 mm	7 mm	9.5 mm
NBRLF-6	NTRLF-6	NCRLF-6	3.1 mm	7.5 mm	9.05 mm	0.2 gm	4.4 mm	7.44 mm	9.8 mm
NBRLF-7	NTRLF-7	NCRLF-7	3.5 mm	7.42 mm	9.12 mm	0.3 gm	3.92 mm	8.8 mm	11.8 mm
NBRLF-8	NTRLF-8	NCRLF-8	4.28 mm	10.14 mm	12.09 mm	0.4 gm	5.86 mm	9.5 mm	13.0 mm
NBRLF-10	NTRLF-10	NCRLF-10	5.1 mm	12.84 mm	14.76 mm	0.7 gm	7.74 mm	10 mm	13.9 mm

NANOPLASMA RING

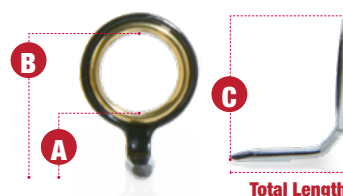
Model	Model	Model	Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BTRLF-5	GTRLF-5	TTRLF-5	HTRLF-5	HHRLF-5	GBRLF-5	2.5 mm	5.74 mm	7.19 mm	0.1 gm	3.24 mm	7 mm	9.5 mm
BTRLF-6	GTRLF-6	TTRLF-6	HTRLF-6	HHRLF-6	GBRLF-6	3.1 mm	7.5 mm	9.05 mm	0.2 gm	4.4 mm	7.44 mm	9.8 mm
BTRLF-7	GTRLF-7	TTRLF-7	HTRLF-7	HHRLF-7	GBRLF-7	3.5 mm	7.42 mm	9.12 mm	0.3 gm	3.92 mm	8.8 mm	11.8 mm
BTRLF-8	GTRLF-8	TTRLF-8	HTRLF-8	HHRLF-8	GBRLF-8	4.28 mm	10.14 mm	12.09 mm	0.4 gm	5.86 mm	9.5 mm	13.0 mm
BTRLF-10	GTRLF-10	TTRLF-10	HTRLF-10	HHRLF-10	GBRLF-10	5.1 mm	12.84 mm	14.76 mm	0.7 gm	7.74 mm	10 mm	13.9 mm

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

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OFFICIAL GUIDE SPECIFICATION CHARTS

MICROWAVE™
LINE CONTROL SYSTEM

MicroWave™ Spinning Edition

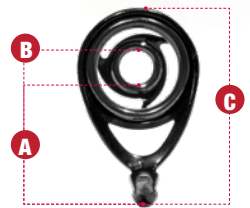
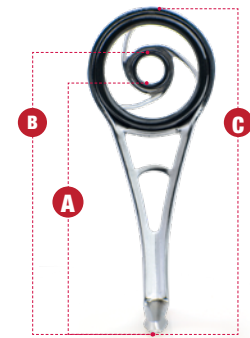
NANOLITE RING						
Model	Height A	Height B	Height C	Weight	Ring I.D.	Foot Length
NBMW-20/6	28.75 mm	43.75mm	46.70 mm	3.1 g	14.92mm	14.89 mm
NBMW-6T	11.40 mm	15.13 mm	17.21 mm	.2 g	4.46 mm	9.92 mm
NBMW-5-C	4.53 mm	7.43 mm	8.51 mm	.12 g	3.18 mm	6.30 mm
NCMW-20/6	28.75 mm	43.75mm	46.70 mm	3.1 g	14.92mm	14.89 mm
NCMW-6T	11.40 mm	15.13 mm	17.21 mm	.2 g	4.46 mm	9.92 mm
NCMW-5-C	4.53 mm	7.43 mm	8.51 mm	.12 g	3.18 mm	6.30 mm

DURALITE RING						
Model	Height A	Height B	Height C	Weight	Ring I.D.	Foot Length
DBMW-20/6	28.75 mm	43.75mm	46.70 mm	3.5 g	14.92mm	14.89 mm
DBMW-6T	11.40 mm	15.13 mm	17.21 mm	.5 g	4.46 mm	9.92 mm
DBMW-5-C	4.53 mm	7.43 mm	8.51 mm	.2 g	3.18 mm	6.30 mm
DCMW-20/6	28.75 mm	43.75mm	46.70 mm	3.5 g	14.92mm	14.89 mm
DCMW-6T	11.40 mm	15.13 mm	17.21 mm	.5 g	4.46 mm	9.92 mm
DCMW-5-C	4.53 mm	7.43 mm	8.51 mm	.2 g	3.18 mm	6.30 mm

MicroWave™ Casting Edition

NANOLITE RING						
Model	Height A	Height B	Height C	Weight	Ring I.D.	Foot Length
NBMW-10/5	5.5 mm	13 mm	14.75 mm	1 g	7.75 mm	9.8 mm
NBMW-5-C	3.5 mm	6.5 mm	7.3 mm	.12 g	3.18 mm	6.3 mm
NCMW-10/5	5.5 mm	13 mm	14.75 mm	1 g	7.75 mm	9.8 mm
NCMW-5-C	3.5 mm	6.5 mm	7.3 mm	.12 g	3.18 mm	6.3 mm

DURALITE RING						
Model	Height A	Height B	Height C	Weight	Ring I.D.	Foot Length
DBMW-10/5	6mm	12.8 mm	14.75 mm	1 g	7.75 mm	9.8 mm
DBMW-5-C	3.5 mm	6.5 mm	7.3 mm	.2 g	3.18 mm	6.3 mm
DCMW-10/5	6 mm	12.8 mm	14.75 mm	1 g	7.75 mm	9.8 mm
DCMW-5-C	3.5 mm	6.5 mm	7.3 mm	.2 g	3.18 mm	6.3 mm



Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID
Height B: Bottom of the foot to top of ring ID
Height C: Total guide height

Suggested MicroWave™ Casting Guide Spacing (MW / 12 / 18 / Air)

In order to ensure optimum performance using the MicroWave™ Line Control System, American Tackle has developed these guide spacing suggestions. While not required or absolute, these layouts have been tested to provide the advertised benefits.

**Your MicroWave Casting Edition set contains one stripping guide and eight running guides. These guides can be used in traditional guide spacing layouts, however a static deflection placement is recommended.*

Complete suggested spacing for 6'- 6 1/2' - 7' - 7 1/2' casting rods.

Measurements made from tip toward handle from tip ring to each guide ring.

Rod Length	# Of Guide From Tip of Blank							
	1st	2nd	3rd	4th	5th	6th	7th	8th
6'0"	2 7/8"	6 1/4"	10"	14 3/8"	19 1/8"	24 7/8"	31 7/8"	40 3/8"
6'6"	3"	6 3/8"	9 7/8"	13 1/2"	18 1/4"	23 7/8"	30"	37 1/8"
7'0"	3 1/4"	6 3/4"	10 3/4"	15 1/8"	20 3/8"	26 1/8"	33 1/4"	40 7/8"
7'6"	3 1/2"	7 3/8"	11 3/4"	16 5/8"	22 1/8"	29 1/8"	36 3/8"	44 3/8"

Complete suggested spacing for 1.8m- 2m - 2.14m - 2.3m casting rods.

Measurements made from tip toward handle from tip ring to each guide ring.

Rod Length	# Of Guide From Tip of Blank							
	1st	2nd	3rd	4th	5th	6th	7th	8th
1.8 m	7.3 cm	15.9 cm	25.4 cm	36.5 cm	48.6 cm	63.2 cm	81 cm	102.6 cm
2 m	7.6 cm	16.2 cm	25.1 cm	34.3 cm	46.4 cm	60.6 cm	76.2 cm	94.3 cm
2.15 m	8.3 cm	17.1 cm	27.3 cm	38.4 cm	51.8 cm	66.4 cm	84.5 cm	103.8 cm
2.3 m	8.9 cm	18.7 cm	29.8 cm	42.2 cm	56.2 cm	74 cm	92.4 cm	112.7 cm

Suggested MicroWave™ Spinning Guide Spacing (MW/ 20 / 25 / Air)

In order to ensure optimum performance using the MicroWave™ Line Control System, American Tackle has developed these guide spacing suggestions. While not required or absolute, these layouts have been tested to provide the advertised benefits.

Measurements made from the lip of spool extended out to its furthest point, toward the tip of the rod to the primary ring of stripping guide, transition guide & first running guide. (Measurements in inches)

Stripping guide = 19 1/2" = 49.53 cm

Transition guide = 30 1/2" = 77.47 cm

Running guide = 39 7/8" = 101.28 cm

**Note that running guide adjustments may be required if different handle lengths are used. Static deflection recommended for running guide placements. (stripping guide transition guide & reel spool distances should remain constant)*

Complete suggested spacing for 6'- 6 1/2' - 7' - 7 1/2' spinning rods.

For rods using 8 1/2" rear grip & uplocking seats:

Rod Length	# Of Guide From Tip of Blank					
	1st	2nd	3rd	4th	5th	6th
6'0"	2 1/2"	5 7/8"	9 1/2"	14 1/4"	20 5/8"	29 5/8"
6'6"	2 3/4"	6"	9 3/4"	14 1/4"	19 1/2"	25 3/4"
7'0"	2 7/8"	6 1/4"	9 3/4"	14 1/8"	18 3/4"	24 5/8"

Complete suggested spacing for 1.8m- 2m - 2.14m - 2.3m spinning rods.

For rods using 21.6 cm rear grip & uplocking seats:

Rod Length	# Of Guide From Tip of Blank					
	1st	2nd	3rd	4th	5th	6th
1.8 m	6.4 cm	14.9 cm	24.1 cm	36.2 cm	52.4 cm	75.2 cm
2 m	7 cm	15.3 cm	24.8 cm	36.2 cm	49.5 cm	65.4 cm
2.15 m	7.3 cm	15.9 cm	24.8 cm	35.9 cm	47.6 cm	62.5 cm
2.3 m	8.3 cm	17.8 cm	29.8 cm	42.9 cm	58.4 cm	75.9 cm

OFFICIAL GUIDE SPECIFICATION CHARTS

MW12 LINE CONTROL SYSTEM



MICROWAVE 12

BLACK	CHROME	TION	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT 1	FOOT 2	TOTAL LENGTH
NBMW-12/6	NCMW-12/6	NOIMW-12/6	8.65mm*	12.75mm*	18.15mm	1.5 gm*	9.85mm*	6.40mm	7.15mm	31.50mm

*Specifications based on thin profile NanoLite ceramic rings

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

MW20 LINE CONTROL SYSTEM



MICROWAVE 20

BLACK	CHROME	TION	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT 1	TOTAL LENGTH
NBMW20-20/6	NCMW20-20/6	NOIMW20-20/6	26.30mm*	35.10mm*	44.35mm	3.3 gm*	16.35mm*	17.00mm	39.5mm

*Specifications based on thin profile NanoLite ceramic rings

MW25 LINE CONTROL SYSTEM

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

MICROWAVE 25

ITEM	TYPE	RING MATERIAL	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING I.D.	FOOT LENGTH
NBMW-25/8	Stripper Guide	Nanolite	36.90 mm	42.62 mm	53.50 mm	6.90 gm	19.45 mm	17.60 mm
NCMW-25/8	Stripper Guide	Nanolite	36.90 mm	42.62 mm	53.50 mm	7.00 gm	19.45 mm	17.60 mm
NOIMW-25/8	Stripper Guide	Nanolite	36.90 mm	42.62 mm	53.50 mm	6.80 gm	19.45 mm	17.60 mm
DBMW-25/8	Stripper Guide	Duralite	37.30 mm	42.94 mm	53.50 mm	7.30 gm	18.65 mm	17.60 mm
DCMW-25/8	Stripper Guide	Duralite	37.30 mm	42.94 mm	53.50 mm	7.40 gm	18.65 mm	17.60 mm
NBMW-8T	Transition Guide	Nanolite	11.60 mm	17.40 mm	19.40 mm	0.70 gm	5.80 mm	11.00 mm
NCMW-8T	Transition Guide	Nanolite	11.60 mm	17.40 mm	19.40 mm	0.80 gm	5.80 mm	11.00 mm
NOIMW-8T	Transition Guide	Nanolite	11.60 mm	17.40 mm	19.40 mm	0.40 gm	5.80 mm	11.00 mm
DBMW-8T	Transition Guide	Duralite	12.58 mm	18.18 mm	19.40 mm	0.80 gm	5.60 mm	11.00 mm
DCMW-8T	Transition Guide	Duralite	12.58 mm	18.18 mm	19.40 mm	0.80 gm	5.60 mm	11.00 mm
NBMW-6	Running Guide	Nanolite	4.25 mm	8.70 mm	9.50 mm	0.30 gm	4.45 mm	6.60 mm
NCMW-6	Running Guide	Nanolite	4.25 mm	8.70 mm	9.50 mm	0.30 gm	4.45 mm	6.60 mm
NOIMW-6	Running Guide	Nanolite	4.25 mm	8.70 mm	9.50 mm	0.20 gm	4.45 mm	6.60 mm
DBMW-6	Running Guide	Duralite	4.18 mm	8.38 mm	9.50 mm	0.30 gm	4.20 mm	6.60 mm
DCMW-6	Running Guide	Duralite	4.18 mm	8.38 mm	9.50 mm	0.30 gm	4.20 mm	6.60 mm



Foot Length



OFFICIAL GUIDE SPECIFICATION CHARTS

MW18 LINE CONTROL SYSTEM

MICROWAVE 18

Black	Polished	TION	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
DBMW-18/8	DPMW-18/8	DOIMW-18/8	13.60 mm	19.55 mm	25.80 mm	3.80 gm	12.78 mm	9.92 mm	10.37 mm	48.50 mm
NBMW-18/8	NPMW-18/8	NOIMW-18/8	12.63 mm	17.92 mm	25.80 mm	3.50 gm	13.63 mm	9.92 mm	10.37 mm	48.50 mm



MW30 LINE CONTROL SYSTEM

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



MICROWAVE 30 - Duralite

DURALITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
DBMW-30/10	40.15 mm	45.75 mm	60.10 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DBMW30-10T	12.75 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DBMW30-8	4.85 mm	10.30 mm	11.40 mm	0.50 gm	5.58 mm	8.75 mm	N/A	14.35 mm	
DCMW-30/10	40.15 mm	45.75 mm	60.10 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DCMW30-10T	12.75 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DCMW30-8	4.85 mm	10.30 mm	11.40 mm	0.50 gm	5.58 mm	8.75 mm	N/A	14.35 mm	
DGMW-30/10	40.15 mm	45.75 mm	60.10 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DGMW30-10T	12.75 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DGMW30-8	4.85 mm	10.30 mm	11.40 mm	0.50 gm	5.58 mm	8.75 mm	N/A	14.35 mm	

MICROWAVE 30 TITANIUM- Nanolite

NANOLITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
NOIMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.50 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NOIMW30-10T	12.87 mm	19.60 mm	22.20 mm	0.80 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NOIMW30-8	4.48 mm	9.90 mm	11.40 mm	0.30 gm	5.85 mm	8.75 mm	N/A	14.35 mm	

MICROWAVE 30 DOUBLE FOOT - Duralite

DURALITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
DBMW-30/10	38.45 mm	44.20 mm	61.50 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DBMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DBMW30-10DF	6.95 mm	14.20 mm	16.40 mm	1.10 gm	7.36 mm	11.33 mm	9.85 mm	29.40 mm	
DCMW-30/10	38.45 mm	44.20 mm	61.50 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DCMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DCMW30-10DF	6.95 mm	14.20 mm	16.40 mm	1.10 gm	7.36 mm	11.33 mm	9.85 mm	29.40 mm	
DGMW-30/10	38.45 mm	44.20 mm	61.50 mm	11.00 gm	24.66 mm	17.00 mm	16.80 mm	67.00 mm	
DGMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.36 mm	11.50 mm	10.30 mm	32.50 mm	
DGMW30-10DF	6.95 mm	14.20 mm	16.40 mm	1.10 gm	7.36 mm	11.33 mm	9.85 mm	29.40 mm	

MICROWAVE 30 - Nanolite

NANOLITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
NBMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NBMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NBMW30-8	4.48 mm	9.90 mm	11.40 mm	0.50 gm	5.85 mm	8.75 mm	N/A	14.35 mm	
NCMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NCMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NCMW30-8	4.48 mm	9.90 mm	11.40 mm	0.50 gm	5.85 mm	8.75 mm	N/A	14.35 mm	
NGMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NGMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NGMW30-8	4.48 mm	9.90 mm	11.40 mm	0.50 gm	5.85 mm	8.75 mm	N/A	14.35 mm	

MICROWAVE 30 DOUBLE FOOT - Nanolite

NANOLITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
NBMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NBMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NBMW30-10DF	6.95 mm	14.40 mm	16.40 mm	1.00 gm	7.75 mm	11.33 mm	9.85 mm	29.40 mm	
NCMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NCMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NCMW30-10DF	6.95 mm	14.40 mm	16.40 mm	1.00 gm	7.75 mm	11.33 mm	9.85 mm	29.40 mm	
NGMW-30/10	38.45 mm	42.65 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NGMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NGMW30-10DF	6.95 mm	14.40 mm	16.40 mm	1.00 gm	7.75 mm	11.33 mm	9.85 mm	29.40 mm	

MICROWAVE 30 DOUBLE FOOT TITANIUM - Nanolite

NANOLITE RING									
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length	
NOIMW-30/10	37.20 mm	44.80 mm	61.50 mm	10.60 gm	25.15 mm	17.00 mm	16.80 mm	67.00 mm	
NOIMW30-10T	12.87 mm	19.60 mm	22.20 mm	1.40 gm	7.75 mm	11.50 mm	10.30 mm	32.50 mm	
NOIMW30-10DF	6.95 mm	14.40 mm	16.40 mm	0.60 gm	7.75 mm	11.33 mm	9.85 mm	29.40 mm	

OFFICIAL GUIDE SPECIFICATION CHARTS

MICROLITE

MICRO MICROWAVE SYSTEM

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



MICROLITE - Duralite

DURALITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DBML-10/3	6.75 mm	8.15 mm	11.50 mm	0.40 gm	4.89 mm	9.68 mm	13.40 mm
DBML-3	3.11 mm	4.55 mm	5.30 mm	0.10 gm	1.10 mm	5.90 mm	8.95 mm
DCML-10/3	6.75 mm	8.15 mm	11.50 mm	0.40 gm	4.89 mm	9.68 mm	13.40 mm
DCML-3	3.11 mm	4.55 mm	5.30 mm	0.10 gm	1.10 mm	5.90 mm	8.95 mm
DGML-10/3	6.75 mm	8.15 mm	11.50 mm	0.40 gm	4.89 mm	9.68 mm	13.40 mm
DGML-3	3.11 mm	4.55 mm	5.30 mm	0.10 gm	1.10 mm	5.90 mm	8.95 mm

MICROLITE - Nanolite

NANOLITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NBML-10/3	6.05 mm	8.00 mm	11.50 mm	0.40 gm	4.86 mm	9.68 mm	13.40 mm
NBML-3	2.60 mm	5.20 mm	5.30 mm	0.10 gm	1.53 mm	5.90 mm	8.95 mm
NCML-10/3	6.05 mm	8.00 mm	11.50 mm	0.40 gm	4.86 mm	9.68 mm	13.40 mm
NCML-3	2.60 mm	5.20 mm	5.30 mm	0.10 gm	1.53 mm	5.90 mm	8.95 mm
NGML-10/3	6.05 mm	8.00 mm	11.50 mm	0.40 gm	4.86 mm	9.68 mm	13.40 mm
NGML-3	2.60 mm	5.20 mm	5.30 mm	0.10 gm	1.53 mm	5.90 mm	8.95 mm

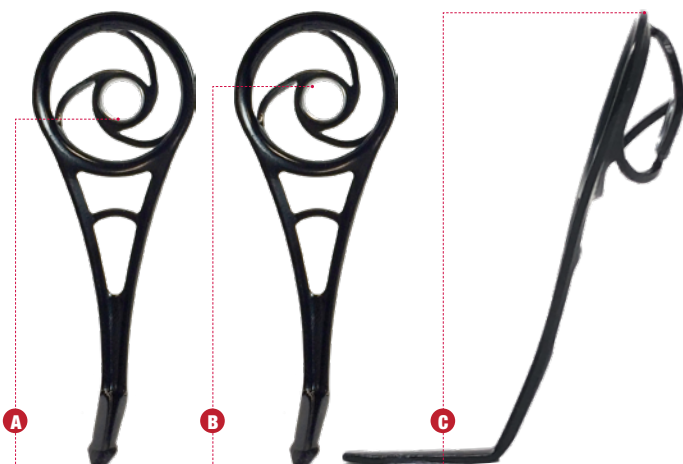
MICROWAVE AIR

MICROWAVE AIR - SPINNING

Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
AWB-20/6	AW-20/6	32.00 mm	37.20 mm	45.70 mm	2.70 gm	16.75 mm	15.25 mm	36.50 mm
AWB-6T	AW-6T	12.50 mm	17.50 mm	18.55 mm	0.60 gm	4.95 mm	9.50 mm	17.00 mm
AWB-5	AW-5	4.50 mm	8.30 mm	9.05 mm	0.20 gm	3.90 mm	7.00 mm	12.25 mm

MICROWAVE AIR - CASTING

Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
AWB-10/5	AW-10/5	7.15 mm	11.00 mm	16.00 mm	0.90 gm	8.95 mm	7.00 mm	18.75 mm
AWB-5	AW-5	4.50 mm	8.30 mm	9.05 mm	0.20 gm	3.90 mm	7.00 mm	12.25 mm



MW50

LINE CONTROL SYSTEM

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

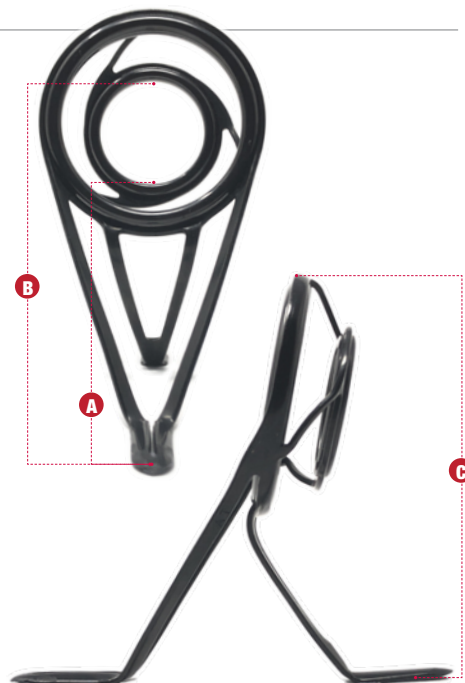
Height C: Total guide height

MICROWAVE 50 SS Frame Duralite Ring

Black	Chrome	Gunsmoke	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
DBCC-50/30	DCCC-50/30	DGCC-50/30	50.00 mm	73.50 mm	87.23 mm	30.70 gm	40.06 mm	20.55 mm	22.12 mm	86.46 mm
DBCC-16	DCCC-16	DGCC-16	19.00 mm	29.06 mm	32.52 mm	3.40 gm	11.14 mm	11.00 mm	11.50 mm	42.30 mm
DBCC-12	DCCC-12	DGCC-12	11.80 mm	19.20 mm	21.46 mm	1.50 gm	8.79 mm	10.58 mm	N/A	19.90 mm

MICROWAVE 50 SS Frame Nanolite Ring

Black	Chrome	Gunsmoke	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
NBCC-50/30	NCCC-50/30	NGCC-50/30	50.15 mm	73.90 mm	87.23 mm	28.00 gm	41.60 mm	20.55 mm	22.12 mm	86.46 mm
NBCC-16	NCCC-16	NGCC-16	18.75 mm	29.52 mm	32.52 mm	3.20 gm	11.55 mm	11.00 mm	11.50 mm	42.30 mm
NBCC-12	NCCC-12	NGCC-12	11.20 mm	19.60 mm	21.46 mm	1.40 gm	9.20 mm	10.58 mm	N/A	19.90 mm





Vortex Air Casting Double Foot Guides

Matte Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
VABBC-6	VAC-6	5.25 mm	10.55 mm	11.90 mm	0.4 gm	5.30 mm	7.25 mm	20.70 mm
VABBC-8	VAC-8	5.60 mm	12.75 mm	14.80 mm	0.6 gm	7.15 mm	7.25 mm	19.50 mm
VABBC-10	VAC-10	6.30 mm	15.40 mm	16.50 mm	0.8 gm	9.10 mm	9.00 mm	24.00 mm
VABBC-12	VAC-12	7.00 mm	17.75 mm	19.60 mm	1.1 gm	10.75 mm	9.00 mm	26.80 mm
VABBC-16	VAC-16	8.60 mm	22.50 mm	24.40 mm	1.9 gm	13.90 mm	12.00 mm	36.00 mm
VABBC-20	VAC-20	10.80 mm	28.60 mm	30.75 mm	2.7 gm	17.80 mm	12.00 mm	43.50 mm
VABBC-25	VAC-25	14.00 mm	36.70 mm	38.40 mm	4.4 gm	22.70 mm	14.40 mm	53.15 mm
VABBC-30	VAC-30	14.00 mm	42.90 mm	45.23 mm	6.0 gm	28.90 mm	16.00 mm	58.85 mm
VABBC-40	VAC-40	17.30 mm	51.45 mm	54.20 mm	9.7 gm	35.15 mm	19.15 mm	70.80 mm
VABBC-50	VAC-50	24.60 mm	70.70 mm	73.60 mm	17.8 gm	46.10 mm	25.25 mm	88.60 mm



Vortex Air Spinning Double Foot Guides

Matte Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
VABBD-10	VADF-10	8.00 mm	16.95 mm	18.00 mm	0.6 gm	8.95 mm	7.42 mm	23.90 mm
VABBD-12	VADF-12	9.35 mm	20.00 mm	21.60 mm	1.0 gm	10.70 mm	10.00 mm	29.10 mm
VABBD-16	VADF-16	10.75 mm	24.45 mm	25.70 mm	1.4 gm	13.70 mm	13.50 mm	34.50 mm
VABBD-20	VADF-20	13.00 mm	30.60 mm	32.40 mm	2.1 gm	17.70 mm	13.50 mm	40.30 mm
VABBD-25	VADF-25	17.35 mm	40.00 mm	41.20 mm	3.1 gm	22.65 mm	14.00 mm	49.70 mm
VABBD-30	VADF-30	19.15 mm	47.15 mm	49.50 mm	4.8 gm	28.10 mm	19.00 mm	60.50 mm
VABBD-40	VADF-40	22.00 mm	56.00 mm	58.40 mm	7.3 gm	34.00 mm	20.00 mm	67.40 mm
VABBD-50	VADF-50	28.20 mm	74.20 mm	76.70 mm	11.8 gm	46.00 mm	21.50 mm	78.30 mm



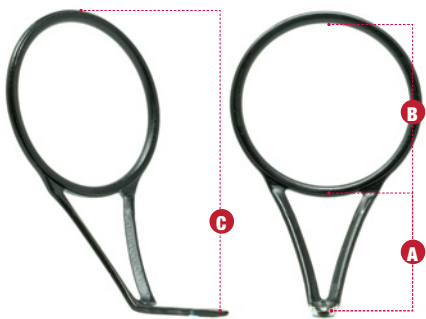
Vortex Air Spinning High Frame Guides

Matte Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
VABBSH-5	VASH-5	9.20 mm	12.50 mm	13.60 mm	0.2 gm	3.50 mm	9.00 mm	18.40 mm
VABBSH-6	VASH-6	10.00 mm	15.00 mm	16.20 mm	0.3 gm	5.10 mm	9.50 mm	20.50 mm
VABBSH-8	VASH-8	12.90 mm	19.80 mm	21.50 mm	0.6 gm	7.25 mm	10.80 mm	22.90 mm
VABBSH-10	VASH-10	15.50 mm	24.50 mm	26.15 mm	1.0 gm	9.10 mm	11.50 mm	27.90 mm
VABBSH-12	VASH-12	18.50 mm	28.80 mm	30.15 mm	1.1 gm	10.80 mm	12.15 mm	32.20 mm
VABBSH-16	VASH-16	24.50 mm	37.60 mm	39.00 mm	1.6 gm	13.95 mm	13.30 mm	31.80 mm
VABBSH-20	VASH-20	27.40 mm	44.10 mm	45.50 mm	2.3 gm	17.80 mm	14.00 mm	40.50 mm
VABBSH-25	VASH-25	26.80 mm	49.30 mm	51.10 mm	3.8 gm	22.70 mm	22.50 mm	47.70 mm



Vortex Air Spinning Guides

Matte Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
VABBSF-4	VASF-4	3.60 mm	6.75 mm	7.50 mm	< 0.1 gm	3.18 mm	5.00 mm	9.10 mm
VABBSF-5	VASF-5	3.80 mm	7.50 mm	8.15 mm	0.2 gm	3.90 mm	6.70 mm	12.60 mm
VABBSF-6	VASF-6	5.75 mm	10.95 mm	12.05 mm	0.3 gm	5.25 mm	7.20 mm	12.00 mm
VABBSF-7	VASF-7	5.50 mm	11.40 mm	12.20 mm	0.3 gm	6.05 mm	8.60 mm	15.30 mm
VABBSF-8	VASF-8	5.80 mm	12.90 mm	13.85 mm	0.3 gm	7.20 mm	9.00 mm	15.00 mm
VABBSF-10	VASF-10	7.60 mm	16.50 mm	17.60 mm	0.6 gm	9.06 mm	10.20 mm	18.60 mm
VABBSF-12	VASF-12	8.70 mm	19.45 mm	20.85 mm	0.8 gm	10.75 mm	11.00 mm	18.50 mm
VABBSF-16	VASF-16	10.90 mm	24.85 mm	26.15 mm	1.3 gm	13.95 mm	13.50 mm	23.00 mm
VABBSF-20	VASF-20	12.50 mm	29.70 mm	31.10 mm	1.6 gm	17.90 mm	16.20 mm	29.50 mm
VABBSF-25	VASF-25	17.50 mm	40.00 mm	41.10 mm	2.4 gm	22.65 mm	17.15 mm	32.20 mm
VABBSF-30	VASF-30	17.60 mm	45.80 mm	47.40 mm	3.5 gm	28.85 mm	19.30 mm	38.50 mm



Vortex Air Single Foot Running Guides

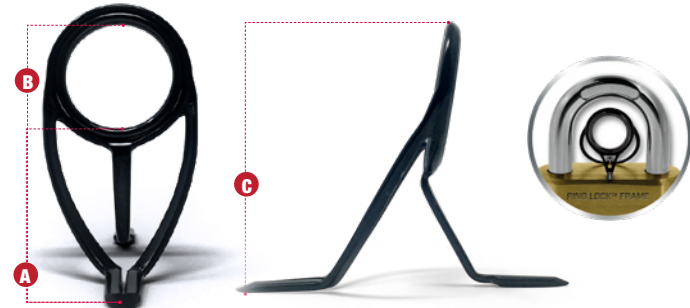
Matte Black	Chrome	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
VABBR-4	VAR-4	2.20 mm	5.10 mm	5.90 mm	< 0.1 gm	3.20 mm	6.80 mm	10.20 mm
VABBR-5	VAR-5	3.45 mm	7.10 mm	8.20 mm	0.2 gm	3.85 mm	8.70 mm	12.15 mm
VABBR-6	VAR-6	3.00 mm	7.80 mm	9.30 mm	0.3 gm	5.25 mm	9.10 mm	13.50 mm
VABBR-7	VAR-7	2.45 mm	7.95 mm	9.30 mm	0.4 gm	6.05 mm	8.50 mm	13.90 mm
VABBR-8	VAR-8	2.80 mm	9.65 mm	11.00 mm	0.4 gm	7.15 mm	10.00 mm	15.00 mm
VABBR-10	VAR-10	3.60 mm	11.60 mm	13.20 mm	0.6 gm	9.10 mm	11.15 mm	19.00 mm





TiForged (TDF, TDF-L) - SS Frame - Duralite Ring

DURALITE RING									
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
DBTDF-5.5	DPTDF-5.5	2.60 mm	6.15 mm	7.40 mm	0.25 gm	3.50 mm	5.00mm	5.00 mm	19.00 mm
DBTDF-6	DPTDF-6	3.05 mm	7.00 mm	8.50 mm	0.33 gm	4.00 mm	5.50 mm	5.00 mm	20.20 mm
DBTDF-7	DPTDF-7	3.55 mm	8.15 mm	9.80 mm	0.53 gm	4.95 mm	5.50 mm	5.50 mm	21.80 mm
DBTDF-8	DPTDF-8	4.85 mm	10.05 mm	12.40 mm	0.70 gm	5.60 mm	5.50 mm	5.50 mm	24.20 mm
DBTDF-10	DPTDF-10	5.50 mm	12.50 mm	15.20 mm	1.15 gm	7.40 mm	7.00 mm	6.50 mm	26.50 mm
DBTDF-12	DPTDF-12	6.00 mm	14.15 mm	23.00 mm	1.50 gm	8.85 mm	10.00 mm	9.00 mm	39.00 mm
DBTDF-16	DPTDF-16	8.45 mm	17.80 mm	23.00 mm	2.60 gm	11.00 mm	10.00 mm	9.00 mm	39.00 mm
DBTDF-20	DPTDF-20	10.15 mm	24.25 mm	29.00 mm	4.10 gm	14.46 mm	12.20 mm	11.00 mm	51.00 mm
DBTDF-25	DPTDF-25	22.60 mm	40.00 mm	44.50 mm	7.90 gm	18.75 mm	15.00 mm	15.00 mm	59.00 mm
DBTDF-30	DPTDF-30	34.15 mm	56.75 mm	64.00 mm	11.00 gm	24.60 mm	16.50 mm	16.00 mm	68.00 mm
DBTDF-30L	DPTDF-30L	24.30 mm	47.00 mm	49.50 mm	9.60 gm	24.60 mm	15.00 mm	15.00 mm	63.70 mm
DBTDF-40L	DPTDF-40L	31.00 mm	56.80 mm	62.00 mm	17.2 gm	28.60 mm	18.00 mm	18.50 mm	90.50 mm
DBTDF-50L	DPTDF-50L	32.60 mm	74.80 mm	80.00 mm	24.00 gm	40.40 mm	24.00 mm	24.50 mm	105.00 mm



Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

TiForged (TDF, TDF-L) - SS Frame - Nanolite Ring

NANOLITE RING									
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
NBTDF-5.5	NPTDF-5.5	2.60 mm	6.15 mm	7.40 mm	0.25 gm	2.75 mm	5.00mm	5.00 mm	19.00 mm
NBTDF-6	NPTDF-6	3.05 mm	7.00 mm	8.50 mm	0.30 gm	4.25 mm	5.50 mm	5.00 mm	20.20 mm
NBTDF-7	NPTDF-7	3.55 mm	8.15 mm	9.80 mm	0.50 gm	4.90 mm	5.50 mm	5.50 mm	21.80 mm
NBTDF-8	NPTDF-8	4.85 mm	10.05 mm	12.40 mm	0.67 gm	5.85 mm	5.50 mm	5.50 mm	24.20 mm
NBTDF-10	NPTDF-10	5.50 mm	12.50 mm	15.20 mm	1.10 gm	7.75 mm	7.00 mm	6.50 mm	26.50 mm
NBTDF-12	NPTDF-12	6.00 mm	14.15 mm	23.00 mm	1.40 gm	9.15 mm	10.00 mm	9.00 mm	39.00 mm
NBTDF-16	NPTDF-16	8.45 mm	17.80 mm	23.00 mm	2.50 gm	11.60 mm	10.00 mm	9.00 mm	39.00 mm
NBTDF-20	NPTDF-20	10.15 mm	24.25 mm	29.00 mm	3.90 gm	15.00 mm	12.20 mm	11.00 mm	51.00 mm
NBTDF-25	NPTDF-25	22.60 mm	40.00 mm	44.50 mm	7.70 gm	19.30 mm	15.00 mm	15.00 mm	59.00 mm
NBTDF-30	NPTDF-30	34.15 mm	56.75 mm	64.00 mm	10.80 gm	24.90 mm	16.50 mm	16.00 mm	68.00 mm
NBTDF-30L	NPTDF-30L	24.00 mm	47.30 mm	49.50 mm	9.40 gm	25.10 mm	15.00 mm	15.00 mm	63.70 mm
NBTDF-40L	NPTDF-40L	30.50 mm	57.30 mm	62.00 mm	16.30 gm	29.60 mm	18.00 mm	18.50 mm	90.50 mm
NBTDF-50L	NPTDF-50L	32.60 mm	74.80 mm	80.00 mm	24.00 gm	40.40 mm	24.00 mm	24.50 mm	105.00 mm

TiForged (TDF, TDF-L) - Titanium Frame - Nanolite Ring

NANOLITE RING								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
NITDF-5.5	2.60 mm	6.15 mm	7.40 mm	0.17 gm	2.75 mm	5.00mm	5.00 mm	19.00 mm
NITDF-6	3.05 mm	7.00 mm	8.50 mm	0.24 gm	4.25 mm	5.50 mm	5.00 mm	20.20 mm
NITDF-7	3.55 mm	8.15 mm	9.80 mm	0.31 gm	4.90 mm	5.50 mm	5.50 mm	21.80 mm
NITDF-8	4.85 mm	10.05 mm	12.40 mm	0.40 gm	5.85 mm	5.50 mm	5.50 mm	24.20 mm
NITDF-10	5.50 mm	12.50 mm	15.20 mm	0.64 gm	7.75 mm	7.00 mm	6.50 mm	26.50 mm
NITDF-12	6.00 mm	14.15 mm	23.00 mm	1.00 gm	9.15 mm	10.00 mm	9.00 mm	39.00 mm
NITDF-16	8.45 mm	17.80 mm	23.00 mm	1.77 gm	11.60 mm	10.00 mm	9.00 mm	39.00 mm
NITDF-20	10.15 mm	24.25 mm	29.00 mm	2.60 gm	15.00 mm	12.20 mm	11.00 mm	51.00 mm
NITDF-25	22.60 mm	40.00 mm	44.50 mm	4.90 gm	19.30 mm	15.00 mm	15.00 mm	59.00 mm
NITDF-30	34.15 mm	56.75 mm	64.00 mm	7.20 gm	24.90 mm	16.50 mm	16.00 mm	68.00 mm
NITDF-30L	24.00 mm	47.30 mm	49.50 mm	6.70 gm	25.10 mm	15.00 mm	15.00 mm	63.70 mm
NITDF-40L	30.50 mm	57.30 mm	62.00 mm	11.00 gm	29.60 mm	18.00 mm	18.50 mm	90.50 mm
NITDF-50L	32.60 mm	74.80 mm	80.00 mm	21.00 gm	40.40 mm	24.00 mm	24.50 mm	105.00 mm

TiForged (TDF, TDF-L) - Titanium Frame - Duralite Ring

DURALITE RING								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
DITDF-5.5	2.60 mm	6.15 mm	7.40 mm	0.17 gm	3.50 mm	5.00mm	5.00 mm	19.00 mm
DITDF-6	3.05 mm	7.00 mm	8.50 mm	0.25 gm	4.00 mm	5.50 mm	5.00 mm	20.20 mm
DITDF-7	3.55 mm	8.15 mm	9.80 mm	0.32 gm	4.95 mm	5.50 mm	5.50 mm	21.80 mm
DITDF-8	4.85 mm	10.05 mm	12.40 mm	0.45 gm	5.60 mm	5.50 mm	5.50 mm	24.20 mm
DITDF-10	5.50 mm	12.50 mm	15.20 mm	0.70 gm	7.40 mm	7.00 mm	6.50 mm	26.50 mm
DITDF-12	6.00 mm	14.15 mm	23.00 mm	1.05 gm	8.85 mm	10.00 mm	9.00 mm	39.00 mm
DITDF-16	8.45 mm	17.80 mm	23.00 mm	1.90 gm	11.00 mm	10.00 mm	9.00 mm	39.00 mm
DITDF-20	10.15 mm	24.25 mm	29.00 mm	2.80 gm	14.46 mm	12.20 mm	11.00 mm	51.00 mm
DITDF-25	22.60 mm	40.00 mm	44.50 mm	5.20 gm	18.75 mm	15.00 mm	15.00 mm	59.00 mm
DITDF-30	34.15 mm	56.75 mm	64.00 mm	7.60 gm	24.60 mm	16.50 mm	16.00 mm	68.00 mm
DITDF-30L	24.30 mm	47.00 mm	49.50 mm	6.90 gm	24.60 mm	15.00 mm	15.00 mm	63.70 mm
DITDF-40L	31.00 mm	56.80 mm	62.00 mm	12.00 gm	28.60 mm	18.00 mm	18.50 mm	90.50 mm
DITDF-50L	32.60 mm	74.80 mm	80.00 mm	21.00 gm	40.40 mm	24.00 mm	24.50 mm	105.00 mm

TiForged (TC) - SS Frame Duralite Ring

DURALITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DBTC-4	DPTC-4	3.10 mm	5.08 mm	6.40 mm	0.10 gm	2.00 mm	8.40 mm	11.22 mm
DBTC-4.5	DPTC-4.5	3.17 mm	5.58 mm	7.00 mm	0.10 gm	2.75 mm	8.83 mm	11.36 mm
DBTC-5	DPTC-5	3.43 mm	6.12 mm	7.64 mm	0.20 gm	3.09 mm	8.78 mm	11.95 mm
DBTC-5.5	DPTC-5.5	3.07 mm	6.12 mm	7.64 mm	0.20 gm	3.55 mm	8.78 mm	13.50 mm

TiForged (TC) - SS Frame Nanolite Ring

NANOLITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NBTC-4	NPTC-4	3.03 mm	5.16 mm	6.40 mm	0.10 gm	2.28 mm	8.40 mm	11.22 mm
NBTC-4.5	NPTC-4.5	3.20 mm	5.93 mm	7.00 mm	0.10 gm	2.77 mm	8.83 mm	11.36 mm
NBTC-5	NPTC-5	3.52 mm	6.27 mm	7.64 mm	0.20 gm	3.09 mm	8.78 mm	11.95 mm
NBTC-5.5	NPTC-5.5	2.91 mm	6.27 mm	7.64 mm	.20 gm	3.55 mm	8.78 mm	13.50 mm

TiForged (TC) - Titanium Frame Duralite Ring

DURALITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DITC-4	3.10 mm	5.08 mm	6.40 mm	<0.10 gm	2.00 mm	8.40 mm	11.22 mm
DITC-4.5	3.17 mm	5.58 mm	7.00 mm	0.10 gm	2.75 mm	8.83 mm	11.36 mm
DITC-5	3.43 mm	6.12 mm	7.64 mm	0.10 gm	3.09 mm	8.78 mm	11.95 mm
DITC-5.5	3.07 mm	6.12 mm	7.64 mm	0.20 gm	3.55 mm	8.78 mm	13.50 mm

TiForged (TC) - Titanium Frame Nanolite Ring

NANOLITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NITC-4	3.03 mm	5.16 mm	6.40 mm	<0.10 gm	2.28 mm	8.40 mm	11.22 mm
NITC-4.5	3.20 mm	5.93 mm	7.00 mm	0.10 gm	2.77 mm	8.83 mm	11.36 mm
NITC-5	3.52 mm	6.27 mm	7.64 mm	0.10 gm	3.09 mm	8.78 mm	11.95 mm
NITC-5.5	2.91 mm	6.27 mm	7.64 mm	0.10 gm	3.55 mm	8.78 mm	13.50 mm



TiForged (TS, TS-H, TS-M, TS-L) - SS Frame Duralite Ring

DURALITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DBTS-12	DPTS-12	8.70 mm	17.14 mm	19.40 mm	1.20 gm	8.73 mm	12.67 mm	23.31 mm
DBTS-16	DPTS-16	12.90 mm	23.60 mm	26.73 mm	2.10 gm	10.90 mm	14.12 mm	26.57 mm
DBTS-20	DPTS-20	17.62 mm	31.85 mm	34.70 mm	2.60 gm	14.52 mm	16.15 mm	34.80 mm
DBTS-25	DPTS-25	23.11 mm	21.28 mm	45.35 mm	4.60 gm	18.81 mm	18.84 mm	38.58 mm
DBTS-30	DPTS-30	34.54 mm	58.88 mm	62.60 mm	7.10 gm	24.47 mm	19.76 mm	46.24 mm
DBTS-8H	DPTS-8H	18.42 mm	24.37 mm	26.59 mm	1.00 gm	5.61 mm	13.42 mm	21.63 mm
DBTS-10H	DPTS-10H	20.82 mm	27.89 mm	29.20 mm	1.50 gm	7.39 mm	15.39 mm	27.66 mm
DBTS-12H	DPTS-12H	20.60 mm	28.79 mm	31.42 mm	1.70 gm	8.74 mm	16.11 mm	27.95 mm
DBTS-16H	DPTS-16H	28.06 mm	39.33 mm	42.04 mm	2.70 gm	10.94 mm	18.41 mm	32.62 mm
DBTS-20H	DPTS-20H	35.56 mm	48.71 mm	51.98 mm	4.20 gm	14.49 mm	19.94 mm	33.75 mm
DBTS-25H	DPTS-25H	32.04 mm	50.97 mm	55.06 mm	5.80 gm	18.74 mm	22.10 mm	41.75 mm
DBTS-5.5M	DPTS-5.5M	10.05 mm	14.00 mm	15.58 mm	0.30 gm	3.53 mm	9.06 mm	15.90 mm
DBTS-6M	DPTS-6M	11.55 mm	15.60 mm	16.83 mm	0.40 gm	4.02 mm	10.46 mm	18.67 mm
DBTS-5.5L	DPTS-5.5L	4.50 mm	8.10 mm	9.75 mm	0.28 gm	3.60 mm	7.65 mm	14.55 mm
DBTS-7L	DPTS-7L	5.95 mm	10.63 mm	12.26 mm	0.40 gm	4.88 mm	7.95 mm	15.10 mm

TiForged (TS, TS-H, TS-M, TS-L) - SS Frame Nanolite Ring

NANOLITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NBTS-12	NPTS-12	8.58 mm	17.44 mm	19.40 mm	1.10 gm	9.13 mm	12.67 mm	23.31 mm
NBTS-16	NPTS-16	12.53 mm	24.19 mm	26.73 mm	1.80 gm	11.55 mm	14.12 mm	26.57 mm
NBTS-20	NPTS-20	17.01 mm	31.90 mm	34.70 mm	2.80 gm	14.99 mm	16.15 mm	34.80 mm
NBTS-25	NPTS-25	23.07 mm	42.22 mm	45.35 mm	4.30 gm	19.37 mm	18.84 mm	38.58 mm
NBTS-30	NPTS-30	34.12 mm	59.04 mm	62.60 mm	7.20 gm	25.10 mm	19.76 mm	46.24 mm
NBTS-8H	NPTS-8H	18.83 mm	24.72 mm	26.59 mm	0.90 gm	5.87 mm	13.42 mm	21.63 mm
NBTS-10H	NPTS-10H	19.76 mm	26.97 mm	29.20 mm	1.40 gm	7.71 mm	15.39 mm	27.66 mm
NBTS-12H	NPTS-12H	20.10 mm	28.86 mm	31.42 mm	1.70 gm	9.28 mm	16.11 mm	27.95 mm
NBTS-16H	NPTS-16H	27.85 mm	29.76 mm	42.04 mm	2.50 gm	11.61 mm	18.41 mm	32.62 mm
NBTS-20H	NPTS-20H	34.18 mm	49.41 mm	51.98 mm	4.00 gm	15.06 mm	19.94 mm	33.75 mm
NBTS-25H	NPTS-25H	32.21 mm	51.52 mm	55.06 mm	5.40 gm	19.40 mm	22.10 mm	41.75 mm
NBTS-5.5M	NPTS-5.5M	10.04 mm	14.19 mm	15.58 mm	0.40 gm	3.63 mm	9.06 mm	15.90 mm
NBTS-6M	NPTS-6M	11.00 mm	15.45 mm	16.83 mm	0.40 gm	4.30 mm	10.46 mm	18.67 mm
NBTS-5.5L	NPTS-5.5L	4.92 mm	8.32 mm	9.75 mm	0.20 gm	3.57 mm	7.65 mm	14.55 mm
NBTS-7L	NPTS-7L	6.05 mm	10.90 mm	12.26 mm	0.40 gm	4.92 mm	7.95 mm	15.10 mm

TiForged (TS, TS-H, TS-M, TS-L) - Titanium Frame Nanolite Ring

NANOLITE RING								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length	
NITS-12	8.58 mm	17.44 mm	19.40 mm	0.70 gm	9.13 mm	12.67 mm	23.31 mm	
NITS-16	12.53 mm	24.19 mm	26.73 mm	1.20 gm	11.55 mm	14.12 mm	26.57 mm	
NITS-20	17.01 mm	31.90 mm	34.70 mm	1.90 gm	14.99 mm	16.15 mm	34.80 mm	
NITS-25	23.07 mm	42.22 mm	45.35 mm	3.10 gm	19.37 mm	18.84 mm	38.58 mm	
NITS-30	34.12 mm	59.04 mm	62.60 mm	5.40 gm	25.10 mm	19.76 mm	46.24 mm	
NITS-8H	18.83 mm	24.72 mm	26.59 mm	0.50 gm	5.87 mm	13.42 mm	21.63 mm	
NITS-10H	19.76 mm	26.97 mm	29.20 mm	0.90 gm	7.71 mm	15.39 mm	27.66 mm	
NITS-12H	20.10 mm	28.86 mm	31.42 mm	1.10 gm	9.28 mm	16.11 mm	27.95 mm	
NITS-16H	27.85 mm	29.76 mm	42.04 mm	1.70 gm	11.61 mm	18.41 mm	32.62 mm	
NITS-20H	34.18 mm	49.41 mm	51.98 mm	2.80 gm	15.06 mm	19.94 mm	33.75 mm	
NITS-25H	32.21 mm	51.52 mm	55.06 mm	3.80 gm	19.40 mm	22.10 mm	41.75 mm	
NITS-5.5M	10.04 mm	14.19 mm	15.58 mm	0.30 gm	3.63 mm	9.06 mm	15.90 mm	
NITS-6M	11.00 mm	15.45 mm	16.83 mm	0.30 gm	4.30 mm	10.46 mm	18.67 mm	
NITS-5.5L	4.92 mm	8.32 mm	9.75 mm	0.17 gm	3.57 mm	7.65 mm	14.55 mm	
NITS-7L	6.05 mm	10.90 mm	12.26 mm	0.30 gm	4.92 mm	7.95 mm	15.10 mm	

TiForged (TRS) - SS Frame Nanolite Ring

NANOLITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NBTRS-3	NPTRS-3	2.44 mm	4.10 mm	4.95 mm	0.10 gm	1.68 mm	6.00 mm	8.27 mm
NBTRS-4	NPTRS-4	2.70 mm	4.94 mm	6.00 mm	0.10 gm	2.15 mm	6.00 mm	8.27 mm
NBTRS-4.5	NPTRS-4.5	2.78 mm	5.51 mm	6.51 mm	0.10 gm	2.75 mm	6.00 mm	8.50 mm
NBTRS-5	NPTRS-5	2.91 mm	5.74 mm	7.15 mm	0.20 gm	2.98 mm	7.05 mm	9.46 mm
NBTRS-5.5	NPTRS-5.5	2.67 mm	6.24 mm	7.03 mm	0.20 gm	3.57 mm	7.96 mm	11.28 mm
NBTRS-6	NPTRS-6	2.71 mm	6.58 mm	8.04 mm	0.30 gm	4.26 mm	9.38 mm	13.70 mm
NBTRS-7	NPTRS-7	3.84 mm	8.54 mm	10.14 mm	0.30 gm	4.87 mm	9.90 mm	13.55 mm
NBTRS-8	NPTRS-8	4.18 mm	9.21 mm	11.26 mm	0.40 gm	5.83 mm	10.47 mm	15.54 mm
NBTRS-10	NPTRS-10	5.24 mm	12.89 mm	14.47 mm	0.80 gm	7.76 mm	11.49 mm	17.15 mm



Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



TiForged (TS, TS-H, TS-M, TS-L) - Titanium Frame Duralite Ring

DURALITE RING								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length	
DITS-12	8.70 mm	17.14 mm	19.40 mm	0.80 gm	8.73 mm	12.67 mm	23.31 mm	
DITS-16	12.90 mm	23.60 mm	26.73 mm	1.30 gm	10.90 mm	14.12 mm	26.57 mm	
DITS-20	17.62 mm	31.85 mm	34.70 mm	2.20 gm	14.52 mm	16.15 mm	34.80 mm	
DITS-25	23.11 mm	21.28 mm	45.35 mm	3.50 gm	18.81 mm	18.84 mm	38.58 mm	
DITS-30	34.54 mm	58.88 mm	62.60 mm	5.60 gm	24.47 mm	19.76 mm	46.24 mm	
DITS-8H	18.42 mm	24.37 mm	26.59 mm	0.60 gm	5.61 mm	13.42 mm	21.63 mm	
DITS-10H	20.82 mm	27.89 mm	29.20 mm	1.00 gm	7.39 mm	15.39 mm	27.66 mm	
DITS-12H	20.60 mm	28.79 mm	31.42 mm	1.20 gm	8.74 mm	16.11 mm	27.95 mm	
DITS-16H	28.06 mm	39.33 mm	42.04 mm	1.80 gm	10.94 mm	18.41 mm	32.62 mm	
DITS-20H	35.56 mm	48.71 mm	51.98 mm	2.90 gm	14.49 mm	19.94 mm	33.75 mm	
DITS-25H	32.04 mm	50.97 mm	55.06 mm	4.20 gm	18.74 mm	22.10 mm	41.75 mm	
DITS-5.5M	10.05 mm	14.00 mm	15.58 mm	0.10 gm	3.53 mm	9.06 mm	15.90 mm	
DITS-6M	11.55 mm	15.60 mm	16.83 mm	0.20 gm	4.03 mm	10.46 mm	18.67 mm	
DITS-5.5L	4.50 mm	8.10 mm	9.75 mm	0.17 gm	3.60 mm	7.65 mm	14.55 mm	
DITS-7L	5.95 mm	10.63 mm	12.26 mm	0.20 gm	4.88 mm	7.95 mm	15.10 mm	



Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

TiForged (TRS) - SS Frame Duralite Ring

DURALITE RING								
Black	Polished	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DBTRS-3	DPTRS-3	2.71 mm	4.15 mm	4.95 mm	0.10 gm	0.80 mm	6.00 mm	8.27 mm
DBTRS-4	DPTRS-4	2.77 mm	4.71 mm	6.00 mm	0.10 gm	1.66 mm	6.00 mm	8.27 mm
DBTRS-4.5	DPTRS-4.5	2.80 mm	2.44 mm	6.51 mm	0.20 gm	2.42 mm	6.00 mm	8.50 mm
DBTRS-5	DPTRS-5	2.74 mm	5.70 mm	7.15 mm	0.20 gm	3.05 mm	7.05 mm	9.46 mm
DBTRS-5.5	DPTRS-5.5	2.48 mm	5.90 mm	7.03 mm	0.20 gm	3.52 mm	7.96 mm	11.28 mm
DBTRS-6	DPTRS-6	2.90 mm	6.63 mm	8.04 mm	0.30 gm	4.03 mm	9.38 mm	13.70 mm
DBTRS-7	DPTRS-7	3.75 mm	8.56 mm	10.14 mm	0.30 gm	4.89 mm	9.90 mm	13.55 mm
DBTRS-8	DPTRS-8	4.42 mm	9.25 mm	11.26 mm	0.50 gm	5.48 mm	10.47 mm	15.54 mm
DBTRS-10	DPTRS-10	5.15 mm	12.24 mm	14.47 mm	0.80 gm	7.37 mm	11.49 mm	17.15 mm



TiForged (TRS) - Titanium Frame Duralite Ring

DURALITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
DITRS-3	2.71 mm	4.15 mm	4.95 mm	< 0.10 gm	0.80 mm	6.00 mm	8.27 mm
DITRS-4	2.77 mm	4.71 mm	6.00 mm	< 0.10 gm	1.66 mm	6.00 mm	8.27 mm
DITRS-4.5	2.80 mm	2.44 mm	6.51 mm	0.10 gm	2.42 mm	6.00 mm	8.50 mm
DITRS-5	2.74 mm	5.70 mm	7.15 mm	0.10 gm	3.05 mm	7.05 mm	9.46 mm
DITRS-5.5	2.48 mm	5.90 mm	7.03 mm	0.10 gm	3.52 mm	7.96 mm	11.28 mm
DITRS-6	2.90 mm	6.63 mm	8.04 mm	0.20 gm	4.03 mm	9.38 mm	13.70 mm
DITRS-7	3.75 mm	8.56 mm	10.14 mm	0.20 gm	4.89 mm	9.90 mm	13.55 mm
DITRS-8	4.42 mm	9.25 mm	11.26 mm	0.30 gm	5.48 mm	10.47 mm	15.54 mm
DITRS-10	5.15 mm	12.24 mm	14.47 mm	0.60 gm	7.37 mm	11.49 mm	17.15 mm



TiForged (TRS) - Titanium Frame Nanolite Ring

NANOLITE RING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Total Length
NITRS-3	2.44 mm	4.10 mm	4.95 mm	< 0.10 gm	1.68 mm	6.00 mm	8.27 mm
NITRS-4	2.70 mm	4.94 mm	6.00 mm	< 0.10 gm	2.15 mm	6.00 mm	8.27 mm
NITRS-4.5	2.78 mm	5.51 mm	6.51 mm	0.10 gm	2.75 mm	6.00 mm	8.50 mm
NITRS-5	2.91 mm	5.74 mm	7.15 mm	0.10 gm	2.98 mm	7.05 mm	9.46 mm
NITRS-5.5	2.67 mm	6.24 mm	7.03 mm	0.10 gm	3.57 mm	7.96 mm	11.28 mm
NITRS-6	2.71 mm	6.58 mm	8.04 mm	0.20 gm	4.26 mm	9.38 mm	13.70 mm
NITRS-7	3.84 mm	8.54 mm	10.14 mm	0.20 gm	4.87 mm	9.90 mm	13.55 mm
NITRS-8	4.18 mm	9.21 mm	11.26 mm	0.20 gm	5.83 mm	10.47 mm	15.54 mm
NITRS-10	5.24 mm	12.89 mm	14.47 mm	0.50 gm	7.76 mm	11.49 mm	17.15 mm

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

TiForged (TDF, TDF-L) - Titanium Frame - Pentalite

Titanium	Blk Titanium	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
PITDF-5.5	PIBTDF-5.5	2.55 mm	6.00 mm	7.40 mm	0.10 gm	3.95 mm	5.00 mm	5.00 mm	18.00 mm
PITDF-6	PIBTDF-6	2.85 mm	7.60 mm	8.50 mm	0.20 gm	4.25 mm	5.50 mm	5.00 mm	20.20 mm
PITDF-7	PIBTDF-7	3.40 mm	8.10 mm	9.80 mm	0.30 gm	4.90 mm	5.50 mm	5.50 mm	21.80 mm
PITDF-8	PIBTDF-8	4.75 mm	10.95 mm	12.40 mm	0.40 gm	5.85 mm	5.50 mm	5.50 mm	24.20 mm
PITDF-10	PIBTDF-10	5.45 mm	13.65 mm	15.20 mm	0.60 gm	7.75 mm	7.00 mm	6.50 mm	26.50 mm
PITDF-12	PIBTDF-12	6.50 mm	10.20 mm	23.00 mm	0.90 gm	9.15 mm	10.00 mm	9.00 mm	39.00 mm
PITDF-16	PIBTDF-16	4.65 mm	16.30 mm	23.00 mm	1.60 gm	11.60 mm	10.00 mm	9.00 mm	39.00 mm
PITDF-20	PIBTDF-20	10.95 mm	26.30 mm	29.00 mm	2.30 gm	15.00 mm	12.20 mm	11.00 mm	51.00 mm
PITDF-25	PIBTDF-25	23.50 mm	42.40 mm	44.50 mm	4.90 gm	19.30 mm	15.00 mm	15.00 mm	59.00 mm
PITDF-30	PIBTDF-30	29.45 mm	53.60 mm	59.00 mm	6.43 gm	25.10 mm	15.00 mm	15.00 mm	67.25 mm
PITDF-30L	PIBTDF-30L	23.20 mm	48.75 mm	49.50 mm	5.50 gm	25.10 mm	15.00 mm	15.00 mm	63.70 mm
PITDF-40L	PIBTDF-40L	27.75 mm	57.50 mm	61.75 mm	10.30 gm	30.85 mm	18.50 mm	18.50 mm	87.95 mm
PITDF-50L	PIBTDF-50L	37.00 mm	78.40 mm	82.50 mm	16.90 gm	42.70 mm	21.50 mm	22.00 mm	105.00 mm



TiForged Single Foot Spin (TS, TS-H, TS-M) - Titanium Frame - Pentalite

TITANIUM	BLK TITANIUM	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
PITS-12	PIBTS-12	8.00 mm	16.95 mm	19.40 mm	0.70 gm	9.13 mm	12.67 mm	23.31 mm
PITS-16	PIBTS-16	12.55 mm	24.75 mm	26.73 mm	1.10 gm	11.55 mm	14.12 mm	26.57 mm
PITS-20	PIBTS-20	16.30 mm	32.00 mm	34.70 mm	1.70 gm	14.99 mm	16.15 mm	34.80 mm
PITS-25	PIBTS-25	20.18 mm	41.12 mm	44.71 mm	2.60 gm	20.56 mm	19.00 mm	46.14 mm
PITS-30	PIBTS-30	33.50 mm	60.08 mm	65.52 mm	5.00 gm	25.83 mm	20.16 mm	66.06 mm
PITS-8H	PIBTS-8H	18.30 mm	25.30 mm	26.59 mm	0.50 gm	5.87 mm	13.42 mm	21.63 mm
PITS-10H	PIBTS-10H	18.55 mm	25.80 mm	27.83 mm	0.90 gm	8.36 mm	14.96 mm	28.62 mm
PITS-12H	PIBTS-12H	19.00 mm	28.85 mm	31.31 mm	1.10 gm	9.67 mm	15.44 mm	29.46 mm
PITS-16H	PIBTS-16H	28.30 mm	40.60 mm	42.04 mm	1.50 gm	11.61 mm	18.41 mm	32.62 mm
PITS-20H	PIBTS-20H	30.40 mm	45.95 mm	51.98 mm	2.40 gm	15.06 mm	19.94 mm	33.75 mm
PITS-25H	PIBTS-25H	33.35 mm	53.00 mm	56.00 mm	3.10 gm	20.54 mm	21.08 mm	53.85 mm
PITS-5.5L	PIBTS-5.5L	5.00 mm	9.11 mm	9.60 mm	0.20 gm	4.03 mm	8.45 mm	10.06 mm
PITS-7L	PIBTS-7L	5.45 mm	11.41 mm	12.20 mm	0.20 gm	5.46 mm	8.94 mm	14.28 mm
PITS-5.5M	PIBTS-5.5M	11.55 mm	14.45 mm	15.00 mm	0.20 gm	4.03 mm	8.70 mm	16.02 mm
PITS-6M	PIBTS-6M	10.50 mm	15.90 mm	16.83 mm	0.20 gm	4.30 mm	10.46 mm	18.67 mm



TiForged Single Foot Casting - Titanium Frame - Pentalite

TITANIUM	BLACK TITANIUM	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
PITC-4	PIBTC-4	2.91 mm	5.21 mm	6.58 mm	0.10 gm	2.94 mm	7.54 mm	6.69 mm
PITC-4.5	PIBTC-4.5	2.94 mm	5.36 mm	7.19 mm	0.10 gm	3.18 mm	7.79 mm	7.06 mm
PITC-5	PIBTC-5	3.18 mm	6.06 mm	7.62 mm	0.20 gm	3.59 mm	8.00 mm	7.51 mm
PITC-5.5	PIBTC-5.5	3.29 mm	6.60 mm	8.14 mm	0.20 gm	4.02 mm	8.70 mm	8.83 mm


TiFORGED
TiForged (TRS) - Titanium Frame - Pentalite

TITANIUM	BLK TITANIUM	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
PITRS-3	PIBTRS-3	1.80 mm	3.50 mm	4.91 mm	> 0.10 gm	2.10 mm	5.36 mm	9.52 mm
PITRS-4	PIBTRS-4	1.90 mm	4.10 mm	5.52 mm	> 0.10 gm	2.94 mm	5.45 mm	9.81 mm
PITRS-4.5	PIBTRS-4.5	1.95 mm	4.90 mm	6.24 mm	> 0.10 gm	3.24 mm	6.17 mm	10.76 mm
PITRS-5	PIBTRS-5	2.07 mm	5.67 mm	7.24 mm	> 0.10 gm	3.59 mm	7.23 mm	11.75 mm
PITRS-5.5	PIBTRS-5.5	2.75 mm	6.29 mm	7.61 mm	0.10 gm	4.02 mm	7.57 mm	12.15 mm
PITRS-6	PIBTRS-6	3.05 mm	7.85 mm	8.04 mm	0.20 gm	4.26 mm	9.38 mm	13.70 mm
PITRS-7	PIBTRS-7	3.35 mm	8.45 mm	10.14 mm	0.20 gm	4.87 mm	9.90 mm	13.55 mm
PITRS-8	PIBTRS-8	3.80 mm	9.90 mm	11.26 mm	0.20 gm	5.83 mm	10.47 mm	15.54 mm
PITRS-10	PIBTRS-10	5.75 mm	13.65 mm	14.47 mm	0.50 gm	7.76 mm	11.49 mm	17.15 mm


DELTA
SNAGLESS GUIDES

DELTA Double Foot SS Frame Nanolite Ring

NANOLITE RING									
Matte Black	Matte Gunsmk	Height A	Height B	Height C	Weight	Ring ID	Foot 1	Foot 2	Total Length
NMBRLD-6	NMGRDL-6	5.60 mm	9.10 mm	11.30 mm	0.40 gm	4.16 mm	4.50 mm	5.25 mm	16.40 mm
NMBRLD-8	NMGRDL-8	6.40 mm	11.45 mm	13.85 mm	0.70 gm	5.60 mm	4.30 mm	6.05 mm	18.65 mm
NMBRLD-10	NMGRDL-10	8.40 mm	15.50 mm	17.65 mm	1.10 gm	7.40 mm	6.50 mm	7.75 mm	26.35 mm
NMBRLD-12	NMGRDL-12	8.95 mm	17.05 mm	19.85 mm	1.50 gm	9.20 mm	7.20 mm	9.10 mm	28.85 mm
NMBRLD-16	NMGRDL-16	10.45 mm	21.25 mm	24.25 mm	2.40 gm	11.80 mm	8.75 mm	10.90 mm	36.35 mm
NMBRLD-20	NMGRDL-20	15.70 mm	30.55 mm	33.85 mm	4.30 gm	15.20 mm	9.50 mm	10.35 mm	42.50 mm
NMBRLD-25	NMGRDL-25	18.50 mm	37.25 mm	41.20 mm	6.50 gm	19.75 mm	12.60 mm	13.30 mm	51.50 mm
NMBRLD-30	NMGRDL-30	24.80 mm	49.50 mm	53.60 mm	10.40 gm	25.40 mm	15.90 mm	16.35 mm	65.90 mm
NMBRLD-40	NMGRDL-40	29.30 mm	57.50 mm	62.80 mm	15.40 gm	30.05 mm	17.35 mm	18.25 mm	79.25 mm
NMBRLD-50	NMGRDL-50	40.10 mm	79.20 mm	84.90 mm	26.50 gm	41.95 mm	20.75 mm	20.85 mm	83.14 mm

Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

TYPHOON™
RING LOCK GUIDES

316 SS Typhoon™ Ring Lock Guides

DURALITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DCRLS-8	DBRLS-8	4.69 mm	10.09 mm	12.06 mm	0.5 gm	5.4 mm	6 mm	21.35 mm
DCRLS-10	DBRLS-10	5.52 mm	12.52 mm	14.91 mm	1.0 gm	7 mm	6.9 mm	23.85 mm
DCRLS-12	DBRLS-12	6.4 mm	14.75 mm	17.37 mm	1.4 gm	8.35 mm	9.2 mm	30.40 mm
DCRLS-16	DBRLS-16	8.74 mm	19.24 mm	22.43 mm	2.4 gm	10.5 mm	9.9 mm	34.5 mm
DCRLS-20	DBRLS-20	10.74 mm	23.77 mm	26.23 mm	4.1 gm	13.03 mm	12.63 mm	49.23 mm
DCRLS-25	DBRLS-25	17.6 mm	34.35 mm	39.51 mm	7.1 gm	17.75 mm	13.54 mm	56.68 mm
DCRLS-30	DBRLS-30	20.95 mm	44.42 mm	48.88 mm	10.5 gm	23.47 mm	16.5 mm	67.7 mm
DCRLS-40	DBRLS-40	27.84 mm	55.95 mm	61.03 mm	15.5 gm	28.11 mm	16.8 mm	71.91 mm
DCRLS-50	DBRLS-50	37.50 mm	78.00 mm	83.00 mm	25.0 gm	40.40 mm	22.0 mm	88.0 mm

NANOLITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NCRLS-8	NBRLS-8	4.25 mm	10.1 mm	11.8 mm	0.5 gm	5.85 mm	6 mm	21.35 mm
NCRLS-10	NBRLS-10	4.88 mm	12.51 mm	15.5 mm	1.0 gm	7.63 mm	6.9 mm	23.85 mm
NCRLS-12	NBRLS-12	5.91 mm	15.12 mm	17.3 mm	1.4 gm	9.21 mm	9.2 mm	30.4 mm
NCRLS-16	NBRLS-16	8.25 mm	19.8 mm	22.3 mm	2.5 gm	11.55 mm	9.9 mm	34.5 mm
NCRLS-20	NBRLS-20	10.79 mm	25.69 mm	28.56 mm	4.3 gm	14.9 mm	12.63 mm	49.23 mm
NCRLS-25	NBRLS-25	16.3 mm	35.85 mm	39.06 mm	7.5 gm	19.55 mm	13.54 mm	56.68 mm
NCRLS-30	NBRLS-30	21.1 mm	44.9 mm	49.32 mm	11.7 gm	23.8 mm	16.5 mm	67.7 mm
NCRLS-40	NBRLS-40	27.67 mm	56.17 mm	60.99 mm	17.2 gm	28.5 mm	16.8 mm	71.91 mm
NCRLS-50	NBRLS-50	37.50 mm	78.00 mm	83.00 mm	25.0 gm	40.40 mm	22.0 mm	88.0 mm

NANOPLASMA RING

Model	Model	Model	Model	Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
TTRLS-8	BTRLS-8	HTRLS-8	HHRLS-8	GBRLS-8	GTRLS-8		4.3 mm	10.09 mm	11.8 mm	0.5 gm	5.9 mm	6 mm	21.35 mm
TTRLS-10	BTRLS-10	HTRLS-10	HHRLS-10	GBRLS-10	GTRLS-10		5.43 mm	12.53 mm	15 mm	1.0 gm	7.6 mm	6.9 mm	23.85 mm
TTRLS-12	BTRLS-12	HTRLS-12	HHRLS-12	GBRLS-12	GTRLS-12		6.04 mm	15.48 mm	17.35 mm	1.4 gm	9.25 mm	9.2 mm	30.4 mm
TTRLS-16	BTRLS-16	HTRLS-16	HHRLS-16	GBRLS-16	GTRLS-16		8.82 mm	19.21 mm	22.8 mm	2.5 gm	11.6 mm	9.9 mm	34.5 mm
TTRLS-20	BTRLS-20	HTRLS-20	HHRLS-20	GBRLS-20	GTRLS-20		10.61 mm	22.40 mm	26.75 mm	4.3 gm	14 mm	12.63 mm	49.23 mm
TTRLS-25	BTRLS-25	HTRLS-25	HHRLS-25	GBRLS-25	GTRLS-25		16.95 mm	34.30 mm	38.48 mm	7.5 gm	17.8 mm	13.54 mm	56.68 mm
TTRLS-30	BTRLS-30	HTRLS-30	HHRLS-30	GBRLS-30	GTRLS-30		20.64 mm	45.13 mm	50.98 mm	11.7 gm	23.6 mm	16.5 mm	67.7 mm
TTRLS-40	BTRLS-40	HTRLS-40	HHRLS-40	GBRLS-40	GTRLS-40		26.61 mm	52.44 mm	59.11 mm	17.2 gm	27.40 mm	16.8 mm	71.91 mm

VIRTUS

RING LOCK GUIDES


Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

316 SS Virtus Ring Lock LIGHT Guides

DURALITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DBRLVL-8	DCRLVL-8	5.63 mm	10.84 mm	13.02 mm	0.8 gm	5.21 mm	6.74 mm	22.91 mm
DBRLVL-10	DCRLVL-10	6.4 mm	13.4 mm	15.8 mm	1.6 gm	7 mm	7.9 mm	24.26 mm
DBRLVL-12	DCRLVL-12	8.51 mm	16.83 mm	19.33 mm	2.3 gm	8.32 mm	9.66 mm	31.25 mm
DBRLVL-16	DCRLVL-16	10.73 mm	21.32 mm	24.42 mm	3.7 gm	10.59 mm	11.28 mm	36.8 mm
DBRLVL-20	DCRLVL-20	14.61 mm	28.54 mm	32 mm	7.1 gm	14.0 mm	14.75 mm	46.9 mm
DBRLVL-25	DCRLVL-25	19.37 mm	37.27 mm	40.37 mm	10.4 gm	17.85 mm	15.5 mm	54 mm
DBRLVL-30	DCRLVL-30	22.77 mm	46.1 mm	50.6 mm	15.7 gm	23.4 mm	18.09 mm	64.08 mm
DBRLVL-40	DCRLVL-40	27.6 mm	55 mm	60.35 mm	24.3 gm	27.4 mm	19.8 mm	76.53 mm

NANOLITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NBRLVL-8	NCRLVL-8	5.64 mm	11.01 mm	12.98 mm	0.8 gm	5.37 mm	6.74 mm	22.91 mm
NBRLVL-10	NCRLVL-10	6.18 mm	13.46 mm	15.6 mm	1.5 gm	7.28 mm	7.9 mm	24.26 mm
NBRLVL-12	NCRLVL-12	8.67 mm	16.92 mm	19.63 mm	2.3 gm	8.2 mm	9.66 mm	31.25 mm
NBRLVL-16	NCRLVL-16	10.57 mm	21.42 mm	24.46 mm	3.7 gm	10.85 mm	11.28 mm	36.8 mm
NBRLVL-20	NCRLVL-20	13.9 mm	27.68 mm	31.21 mm	6.9 gm	13.78 mm	14.75 mm	46.9 mm
NBRLVL-25	NCRLVL-25	19.28 mm	37.4 mm	41.3 mm	9.8 gm	18.12 mm	15.5 mm	54 mm
NBRLVL-30	NCRLVL-30	22.66 mm	46.11 mm	50.56 mm	13.8 gm	23.45 mm	18.09 mm	64.08 mm
NBRLVL-40	NCRLVL-40	27.35 mm	55.35 mm	60.35 mm	22.5 gm	28 mm	19.8 mm	76.53 mm

316 SS Virtus Ring Lock HEAVY Guides

DURALITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DBRLVH-8	DCRLVH-8	5.7 mm	11.1 mm	13.2 mm	0.8 gm	5.4 mm	6.74 mm	22.91 mm
DBRLVH-10	DCRLVH-10	6.5 mm	13.45 mm	16.05 mm	1.6 gm	6.95 mm	7.9 mm	24.26 mm
DBRLVH-12	DCRLVH-12	8.89 mm	17.24 mm	20.04 mm	2.3 gm	8.35 mm	9.66 mm	31.25 mm
DBRLVH-16	DCRLVH-16	10.45 mm	21.35 mm	24.3 mm	3.7 gm	10.47 mm	11.28 mm	36.8 mm
DBRLVH-20	DCRLVH-20	13.7 mm	28.42 mm	32.29 mm	7.1 gm	13.87 mm	14.75 mm	46.9 mm
DBRLVH-25	DCRLVH-25	19.81 mm	37.51 mm	42.02 mm	10.4 gm	17.7 mm	15.5 mm	54 mm
DBRLVH-30	DCRLVH-30	23.43 mm	46.73 mm	51.58 mm	15.7 gm	23.4 mm	18.09 mm	64.08 mm
DBRLVH-40	DCRLVH-40	28.22 mm	55.62 mm	61.42 mm	24.3 gm	27.4 mm	19.8 mm	76.53 mm

NANOLITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NBRLVH-8	NCRLVH-8	5.59 mm	10.99 mm	13.11 mm	0.8 gm	5.4 mm	6.74 mm	22.91 mm
NBRLVH-10	NCRLVH-10	6.08 mm	13.35 mm	15.65 mm	1.5 gm	7.27 mm	7.9 mm	24.26 mm
NBRLVH-12	NCRLVH-12	8.25 mm	16.68 mm	19.48 mm	2.3 gm	8.43 mm	9.66 mm	31.25 mm
NBRLVH-16	NCRLVH-16	10.3 mm	20.88 mm	24.15 mm	3.7 gm	10.58 mm	11.28 mm	36.8 mm
NBRLVH-20	NCRLVH-20	14.5 mm	28.5 mm	32.41 mm	6.9 gm	14.0 mm	14.75 mm	46.9 mm
NBRLVH-25	NCRLVH-25	19.35 mm	37.45 mm	41.73 mm	9.8 gm	18.1 mm	15.5 mm	54 mm
NBRLVH-30	NCRLVH-30	23.15 mm	46.9 mm	51.61 mm	13.8 gm	23.75 mm	18.09 mm	64.08 mm
NBRLVH-40	NCRLVH-40	27.58 mm	55.83 mm	61.16 mm	22.5 gm	28.25 mm	19.8 mm	76.53 mm

Virtus HF - Stainless Steel Frame - Duralite Ring

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT	TOTAL LENGTH
DBRLVH-16H	DCRLVH-16H	20.25mm	31.15mm	34.15mm	4.7g	10.9mm	13.0mm	52.15mm
DBRLVH-20H	DCRLVH-20H	25.9mm	40.45mm	45.0mm	8.9g	14.55mm	16.0mm	64.5mm

Virtus HF - Stainless Steel Frame - Nanolite Ring

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT	TOTAL LENGTH
NBRLVH-16H	NCRLVH-16H	20.5mm	31.05mm	34.15mm	4.6g	10.55mm	13.0mm	52.15mm
NBRLVH-20H	NCRLVH-20H	27.3mm	41.5mm	45.0mm	9.3g	14.2mm	16.0mm	64.5mm

Virtus HF - Titanium Frame - Nanolite Ring

BLACK	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT	TOTAL LENGTH
NIRLVH-16H	20.5mm	31.05mm	34.15mm	3.2g	10.55mm	13.0mm	52.15mm
NIRLVH-20H	27.3mm	41.5mm	45.0mm	5.9g	14.2mm	16.0mm	64.5mm

VIRTUS

HIGH-FRAME STRIPPING GUIDES


Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

TiForged Air - Double Foot Guides

MODEL	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
TFABBDF-6	4.50 mm	10.10 mm	11.50 mm	0.30 gm	5.10 mm	4.25 mm	17.60 mm
TFABBDF-8	5.90 mm	13.10 mm	14.00 mm	0.30 gm	7.20 mm	4.25 mm	23.00 mm
TFABBDF-10	6.80 mm	16.15 mm	17.30 mm	0.60 gm	9.10 mm	7.00 mm	30.35 mm
TFABBDF-12	8.50 mm	19.10 mm	20.75 mm	1.30 gm	10.80 mm	7.00 mm	33.40 mm
TFABBDF-16	12.95 mm	25.60 mm	28.00 mm	1.80 gm	13.80 mm	8.90 mm	38.90 mm
TFABBDF-20	12.20 mm	29.40 mm	31.20 mm	2.70 gm	17.85 mm	12.40 mm	55.40 mm
TFABBDF-25	17.00 mm	38.45 mm	40.95 mm	4.80 gm	22.60 mm	15.30 mm	56.75 mm
TFABBDF-30	27.00 mm	54.55 mm	56.85 mm	7.90 gm	28.65 mm	15.75 mm	71.45 mm
TFABBDF-40	32.40 mm	64.15 mm	66.70 mm	10.40 gm	34.05 mm	19.40 mm	98.40 mm
TFABBDF-50	37.85 mm	81.60 mm	84.70 mm	14.60 gm	46.05 mm	21.00 mm	107.95 mm





VIRTUS^{XHD}

Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

VIRTUS XHD - 316SS FRAME - DURALITE RING

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
DBRLVXHD-10	DCRLVXHD-10	9.50 mm	16.90 mm	19.50 mm	2.50 gm	7.40 mm	10.00 mm	32.90 mm
DBRLVXHD-12	DCRLVXHD-12	13.40 mm	22.15 mm	25.35 mm	3.90 gm	8.75 mm	12.00 mm	40.95 mm
DBRLVXHD-16	DCRLVXHD-16	21.60 mm	32.50 mm	35.80 mm	6.80 gm	10.90 mm	16.00 mm	55.10 mm
DBRLVXHD-20	DCRLVXHD-20	28.90 mm	43.35 mm	47.85 mm	13.10 gm	14.45 mm	17.65 mm	67.60 mm

VIRTUS XHD - 316SS FRAME - NANOLITE RING

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
NBRLVXHD-10	NCRLVXHD-10	9.40 mm	16.63 mm	19.50 mm	2.60 gm	7.23 mm	10.00 mm	32.90 mm
NBRLVXHD-12	NCRLVXHD-12	13.90 mm	22.34 mm	25.35 mm	4.10 gm	8.44 mm	12.00 mm	40.95 mm
NBRLVXHD-16	NCRLVXHD-16	21.40 mm	31.95 mm	35.80 mm	7.10 gm	10.55 mm	16.00 mm	55.10 mm
NBRLVXHD-20	NCRLVXHD-20	29.20 mm	43.40 mm	47.85 mm	13.40 gm	14.20 mm	17.65 mm	67.60 mm

VIRTUS XHD - SOLID TITANIUM FRAME - NANOLITE RING

TITANIUM	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
NIRLVXHD-10	9.40 mm	16.63 mm	19.50 mm	1.60 gm	7.23 mm	10.00 mm	32.90 mm
NIRLVXHD-12	13.90 mm	22.34 mm	25.35 mm	2.70 gm	8.44 mm	12.00 mm	40.95 mm
NIRLVXHD-16	21.40 mm	31.95 mm	35.80 mm	4.40 gm	10.55 mm	16.00 mm	55.10 mm
NIRLVXHD-20	29.20 mm	43.40 mm	47.85 mm	8.40 gm	14.20 mm	17.65 mm	67.60 mm



VIRTUS^{UL}

UNLIMITED GUIDES


Virtus UL Guides Specs
Virtus UL - 316SS Frame - Duralite Ring

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
DBRLVUL-8	DCRLVUL-8	6.00 mm	11.70 mm	13.65 mm	1.30 g	5.70 mm	6.75 mm	25.50 mm
DBRLVUL-10	DCRLVUL-10	7.30 mm	14.70 mm	16.90 mm	2.20 g	7.40 mm	7.60 mm	30.65 mm
DBRLVUL-12	DCRLVUL-12	10.15 mm	18.90 mm	21.10 mm	3.60 g	8.75 mm	10.00 mm	40.40 mm
DBRLVUL-16	DCRLVUL-16	13.00 mm	24.10 mm	26.75 mm	5.20 g	11.10 mm	10.60 mm	46.40 mm
DBRLVUL-20	DCRLVUL-20	17.90 mm	32.30 mm	34.85 mm	11.10 g	14.40 mm	14.90 mm	60.35 mm
DBRLVUL-25	DCRLVUL-25	25.70 mm	44.40 mm	48.70 mm	17.60 g	18.70 mm	18.20 mm	76.75 mm

Virtus UL - 316SS Frame - Nanolite Ring

BLACK	CHROME	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
NBRLVUL-8	NCRLVUL-8	5.70 mm	11.30 mm	13.65 mm	1.40 g	5.60 mm	6.75 mm	25.50 mm
NBRLVUL-10	NCRLVUL-10	7.15 mm	14.45 mm	16.90 mm	2.20 g	7.30 mm	7.60 mm	30.65 mm
NBRLVUL-12	NCRLVUL-12	9.75 mm	18.15 mm	21.10 mm	3.70 g	8.40 mm	10.00 mm	40.40 mm
NBRLVUL-16	NCRLVUL-16	12.75 mm	23.60 mm	26.75 mm	5.40 g	10.85 mm	10.60 mm	46.40 mm
NBRLVUL-20	NCRLVUL-20	17.25 mm	26.70 mm	34.85 mm	11.50 g	13.95 mm	14.90 mm	60.35 mm
NBRLVUL-25	NCRLVUL-25	26.70 mm	44.85 mm	48.70 mm	18.30 g	18.15 mm	18.20 mm	76.75 mm

Virtus UL - Solid Titanium Frame - Nanolite Ring

TITANIUM	BLACK TITANIUM	HEIGHT A	HEIGHT B	HEIGHT C	WEIGHT	RING ID	FOOT LENGTH	TOTAL LENGTH
NIRLVUL-8	NIBRLVUL-8	5.70 mm	11.30 mm	13.65 mm	0.90 g	5.60 mm	6.75 mm	25.50 mm
NIRLVUL-10	NIBRLVUL-10	7.15 mm	14.45 mm	16.90 mm	1.40 g	7.30 mm	7.60 mm	30.65 mm
NIRLVUL-12	NIBRLVUL-12	9.75 mm	18.15 mm	21.10 mm	2.40 g	8.40 mm	10.00 mm	40.40 mm
NIRLVUL-16	NIBRLVUL-16	12.75 mm	23.60 mm	26.75 mm	3.60 g	10.85 mm	10.60 mm	46.40 mm
NIRLVUL-20	NIBRLVUL-20	17.25 mm	26.70 mm	34.85 mm	7.00 g	13.95 mm	14.90 mm	60.35 mm
NIRLVUL-25	NIBRLVUL-25	26.70 mm	44.85 mm	48.70 mm	12.1 g	18.15 mm	18.20 mm	76.75 mm


Measurement Key:
Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height

316 SS Artus Ring lock Guides

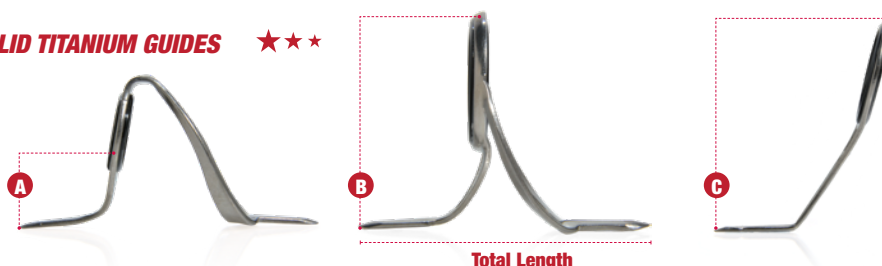
NANOLITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NBRLMG-3	NCRLMG-3	1.91 mm	2.80 mm	4.54 mm	0.1 gm	2.01 mm	6.5 mm	8.6 mm
NBRLMG-4	NCRLMG-4	1.98 mm	2.94 mm	5.52 mm	0.1 gm	2.38 mm	6.5 mm	8.6 mm

DURALITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DBRLMG-3	DCRLMG-3	2.04 mm	2.62 mm	4.52 mm	0.1 gm	1.56 mm	6.5 mm	8.6 mm
DBRLMG-4	DCRLMG-4	2.10 mm	2.92 mm	5.58 mm	0.1 gm	1.99 mm	6.5 mm	8.6 mm

Artus HD Ring lock Guides

NANOLITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NBRLXMG-3	NCRLXMG-3	3.5 mm	4.8 mm	6.3 mm	.2 g	1.90 mm	6.9 mm	10 mm
NBRLXMG-4	NCRLXMG-4	3.7 mm	5.1 mm	6.9 mm	.3 gm	2.1 mm	7.55 mm	12.2 mm

DURALITE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DBRLXMG-3	DCRLXMG-3	4.2 mm	4.6 mm	6.8 mm	.2 gm	1.90 mm	6.9 mm	10 mm
DBRLXMG-4	DCRLXMG-4	4.3 mm	5.1 mm	7.4 mm	.3 gm	2.1 mm	7.6 mm	12.2 mm


★★★ SOLID TITANIUM GUIDES ★★★

TITAN Ring Lock Solid Titanium

SOLID TITANIUM SINGLE FOOT FLY							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLF-5	2.61 mm	5.81 mm	7.66 mm	0.13 gm	3.2 mm	7.22 mm	9.5 mm
NIRLF-6	3.15 mm	7.43 mm	9.38 mm	0.17 gm	4.34 mm	7.88 mm	9.8 mm
NIRLF-7	3.32 mm	8.38 mm	10.02 mm	0.21 gm	4.88 mm	8.75 mm	11.8 mm
NIRLF-8	4.18 mm	10.04 mm	11.61 mm	0.31 gm	5.8 mm	9.11 mm	13.0 mm
NIRLF-10	4.87 mm	12.32 mm	14.61 mm	0.51 gm	7.68 mm	9.4 mm	13.9 mm

TITAN VIRTUS LIGHT							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLVL-8	5.26 mm	10.76 mm	10.96 mm	0.6 gm	5.5 mm	6.74 mm	22.91 mm
NIRLVL-10	6.56 mm	13.86 mm	14.16 mm	0.9 gm	7.3 mm	7.9 mm	24.26 mm
NIRLVL-12	8.44 mm	16.69 mm	19.24 mm	1.3 gm	8.25 mm	9.66 mm	31.25 mm
NIRLVL-16	9.69 mm	20.34 mm	23.59 mm	2.2 gm	10.65 mm	11.28 mm	36.8 mm
NIRLVL-20	14.03 mm	27.97 mm	30.0 mm	3.5 gm	13.94 mm	14.75 mm	46.9 mm
NIRLVL-25	19.52 mm	37.64 mm	41.25 mm	5.8 gm	18.12 mm	15.5 mm	54 mm
NIRLVL-30	21.12 mm	44.85 mm	49.39 mm	9.0 gm	23.73 mm	18.09 mm	64.08 mm
NIRLVL-40	28.62 mm	56.52 mm	61.84 mm	13.9 gm	27.9 mm	19.8 mm	76.53 mm

SOLID TITANIUM TURBO BOAT GUIDES							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NITR-8	5.81 mm	11.21 mm	15.17 mm	0.8 gm	5.4 mm	6.80 mm	28.76 mm
NITR-10	8.22 mm	15.41 mm	18.31 mm	1.4 gm	7.19 mm	7.50 mm	39.30 mm
NITR-12	8.7 mm	17.0 mm	21.8 mm	2.2 gm	8.3 mm	8.53 mm	41.95 mm
NITR-16	11.44 mm	22.09 mm	27.62 mm	4.0 gm	10.65 mm	13.25 mm	52.97 mm
NITR-20	13.75 mm	27.65 mm	34.36 mm	7.8 gm	13.9 mm	16.15 mm	68.65 mm
NITR-25	22.78 mm	40.98 mm	48.23 mm	12.1 gm	18.2 mm	21.00 mm	88.00 mm

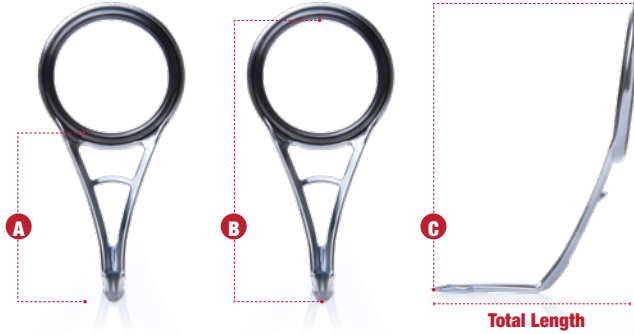
TITAN Typhoon™ SPIN/CAST							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLS-8	4.23 mm	10.13 mm	11.86 mm	.04 gm	5.9 mm	6 mm	21.35 mm
NIRLS-10	5.2 mm	12.9 mm	15 mm	.06 gm	7.7 mm	6.9 mm	23.85 mm
NIRLS-12	5.9 mm	15 mm	17.15 mm	.7 gm	9.1 mm	9.2 mm	30.4 mm
NIRLS-16	8 mm	19.6 mm	22.1 mm	1.4 gm	11.6 mm	9.9 mm	34.5 mm
NIRLS-20	11.4 mm	26.27 mm	29.32 mm	2.6 gm	14.87 mm	12.63 mm	49.23 mm
NIRLS-25	15.9 mm	35.15 mm	38.35 mm	4.0 gm	19.25 mm	13.54 mm	56.68 mm
NIRLS-30	20.75 mm	45.65 mm	40 mm	6.2 gm	24.9 mm	16.5 mm	67.7 mm
NIRLS-40	27.67 mm	56.17 mm	60.99 mm	8.10 gm	28.5 mm	16.8 mm	71.91 mm
NIRLS-50	37.00 mm	78.50 mm	83.00 mm	8.10 gm	41.50 mm	22.0 mm	88.00 mm

SOLID TITANIUM CASTING							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLC-6	2.8 mm	7.23 mm	8.7 mm	0.2 gm	4.43 mm	4.30 mm	15.66 mm
NIRLC-7	3.79 mm	8.71 mm	10.35 mm	0.25 gm	4.92 mm	4.89 mm	17.39 mm
NIRLC-8	4.23 mm	10.15 mm	11.86 mm	0.3 gm	5.92 mm	5.02 mm	18.51 mm
NIRLC-10	4.92 mm	12.65 mm	14.73 mm	0.5 gm	7.73 mm	5.5 mm	20.8 mm
NIRLC-12	5.68 mm	14.66 mm	17.06 mm	0.7 gm	8.98 mm	5.75 mm	24.5 mm
NIRLC-16	8.16 mm	19.77 mm	22.27 mm	1.3 gm	11.61 mm	8.0 mm	31.0 mm
NIRLC-20	11.7 mm	26.5 mm	30.45 mm	2.3 gm	14.8 mm	12.13 mm	44.8 mm

TITAN VIRTUS HEAVY							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLVH-8	5.6 mm	11.0 mm	13.13 mm	0.8 gm	5.4 mm	6.74 mm	22.91 mm
NIRLVH-10	6.33 mm	13.56 mm	16.1 mm	1.10 gm	7.23 mm	7.9 mm	24.26 mm
NIRLVH-12	8.7 mm	16.96 mm	19.86 mm	1.8 gm	8.26 mm	9.66 mm	31.25 mm
NIRLVH-16	10.7 mm	19.40 mm	24.1 mm	2.8 gm	10.58 mm	11.28 mm	36.8 mm
NIRLVH-20	13.86 mm	29.77 mm	33.64 mm	5.2 gm	14.05 mm	14.75 mm	46.9 mm
NIRLVH-25	18.28 mm	36.38 mm	40.48 mm	6.2 gm	18.1 mm	15.5 mm	54 mm
NIRLVH-30	20.95 mm	43.75 mm	48.55 mm	11.4 gm	22.8 mm	18.09 mm	64.08 mm
NIRLVH-40	29.63 mm	57.83 mm	63.33 mm	17.6 gm	28.2 mm	19.8 mm	76.53 mm

TITAN MICRO GUIDE							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIRLMG-3	1.56 mm	1.98 mm	3.85 mm	0.06 gm	2.03 mm	6.3 mm	7.8 mm
NIRLMG-4	2.03 mm	2.10 mm	4.83 mm	0.07 gm	2.49 mm	6.3 mm	8.2 mm

TITAN A-FRAME							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
NIA-6	4.89 mm	6.81 mm	12.32 mm	0.2 gm	4.42 mm	5.88 mm	12 mm
NIA-7	6.39 mm	12.02 mm	15.30 mm	0.3 gm	5.12 mm	7.15 mm	13 mm
NIA-8	7.59 mm	13.38 mm	15.89 mm	0.4 gm	5.88 mm	7.72 mm	14.5 mm
NIA-10	10.70 mm	17.79 mm	20.98 mm	0.5 gm	7.77 mm	9.04 mm	16.8 mm
NIA-12	15.73 mm	23.56 mm	27.08 mm	0.7 gm	9.27 mm	10.96 mm	20.48 mm
NIA-16	20.01 mm	31.26 mm	33.90 mm	1.2 gm	11.56 mm	12.98 mm	23.26 mm
NIA-20	21.56 mm	37.48 mm	40.69 mm	1.9 gm	15.24 mm	14.8 mm	31.24 mm
NIA-25	27.21 mm	45.73 mm	49.66 mm	3.3 gm	19.28 mm	18.13 mm	36 mm
NIA-30	31.15 mm	55.53 mm	59.80 mm	4.8 gm	24.56 mm	19.5 mm	36.4 mm



316 SS A-FRAME Ring Lock Guides

DURALITE RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
DCRLA-6	DBRLA-6	8.85 mm	13 mm	14.67 mm	0.3 gm	3.92 mm	7.6 mm	13.69 mm
DCRLA-7	DBRLA-7	9.2 mm	13.8 mm	15.91 mm	0.4 gm	4.6 mm	7.7 mm	14.73 mm
DCRLA-8	DBRLA-8	9.45 mm	14.63 mm	16.81 mm	0.5 gm	5.18 mm	8.3 mm	15.38 mm
DCRLA-10	DBRLA-10	13.42 mm	20.47 mm	22.81 mm	0.8 gm	7.05 mm	8.5 mm	17.2 mm
DCRLA-12	DBRLA-12	16.02 mm	24.28 mm	26.88 mm	1.2 gm	8.26 mm	10.3 mm	21.5 mm
DCRLA-16	DBRLA-16	18.75 mm	29.31 mm	32.37 mm	1.8 gm	10.56 mm	13.65 mm	24.5 mm
DCRLA-20	DBRLA-20	23.3 mm	37.16 mm	40.57 mm	3.0 gm	13.86 mm	16.8 mm	30.0 mm
DCRLA-25	DBRLA-25	27.54 mm	45.34 mm	49.34 mm	5.0 gm	17.8 mm	19.1 mm	37.25 mm
DCRLA-30	DBRLA-30	30.2 mm	53.75 mm	58.43 mm	7.7 gm	23.55 mm	21.1 mm	40.5 mm

NANOLITE RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot	Total Length
NCRLA-6	NBRLA-6	8.89 mm	13.16 mm	14.76 mm	0.3 gm	4.27 mm	7.6 mm	13.69 mm
NCRLA-7	NBRLA-7	8.6 mm	13.5 mm	15.4 mm	0.4 gm	4.9 mm	7.7 mm	14.73 mm
NCRLA-8	NBRLA-8	9.6 mm	15.5 mm	17.42 mm	0.5 gm	5.9 mm	8.3 mm	15.38 mm
NCRLA-10	NBRLA-10	12.65 mm	20.35 mm	22.46 mm	0.7 gm	7.7 mm	8.5 mm	17.2 mm
NCRLA-12	NBRLA-12	15.85 mm	24.94 mm	27.14 mm	1.1 gm	9.09 mm	10.3 mm	21.5 mm
NCRLA-16	NBRLA-16	18.02 mm	29.52 mm	31.94 mm	1.8 gm	11.5 mm	13.65 mm	24.5 mm
NCRLA-20	NBRLA-20	23.4 mm	38.25 mm	41.05 mm	2.7 gm	14.85 mm	16.8 mm	30.0 mm
NCRLA-25	NBRLA-25	26.6 mm	46.15 mm	49.25 mm	4.1 gm	19.55 mm	19.1 mm	37.25 mm
NCRLA-30	NBRLA-30	28.5 mm	53.5 mm	57.2 mm	7.0 gm	25 mm	21.1 mm	40.5 mm

NANOPLASMA RING

Model	Model	Model	Model	Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
TTRLA-6	GBRLA-6	BTRLA-6	GTRLA-6	HTRLA-6	HHRLA-6	8.89 mm	13.16 mm	14.76 mm	0.3 gm	4.27 mm	7.6 mm	13.69 mm
TTRLA-7	GBRLA-7	BTRLA-7	GTRLA-7	HTRLA-7	HHRLA-7	8.6 mm	13.5 mm	15.4 mm	0.4 gm	4.9 mm	7.7 mm	14.73 mm
TTRLA-8	GBRLA-8	BTRLA-8	GTRLA-8	HTRLA-8	HHRLA-8	9.6 mm	15.5 mm	17.42 mm	0.5 gm	5.9 mm	8.3 mm	15.38 mm
TTRLA-10	GBRLA-10	BTRLA-10	GTRLA-10	HTRLA-10	HHRLA-10	12.65 mm	20.35 mm	22.46 mm	0.7 gm	7.7 mm	8.5 mm	17.2 mm
TTRLA-12	GBRLA-12	BTRLA-12	GTRLA-12	HTRLA-12	HHRLA-12	15.85 mm	24.94 mm	27.14 mm	1.1 gm	9.09 mm	10.3 mm	21.5 mm
TTRLA-16	GBRLA-16	BTRLA-16	GTRLA-16	HTRLA-16	HHRLA-16	18.02 mm	29.52 mm	31.94 mm	1.8 gm	11.5 mm	13.65 mm	24.5 mm
TTRLA-20	GBRLA-20	BTRLA-20	GTRLA-20	HTRLA-20	HHRLA-20	23.4 mm	38.25 mm	41.05 mm	2.7 gm	14.85 mm	16.8 mm	30.0 mm
TTRLA-25	GBRLA-25	BTRLA-25	GTRLA-25	HTRLA-25	HHRLA-25	26.6 mm	46.15 mm	49.25 mm	4.1 gm	19.55 mm	19.1 mm	37.25 mm
TTRLA-30	GBRLA-30	BTRLA-30	GTRLA-30	HTRLA-30	HHRLA-30	28.5 mm	53.5 mm	57.2 mm	7.0 gm	25 mm	21.1 mm	40.5 mm

Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



316 SS Turbo Boat Rod Guides

ZIRCONIA RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BZBTR-8	GZBTR-8	6.15 mm	9.55 mm	14.58 mm	1.4 gm	5.38 mm	6.80 mm	28.76 mm
BZBTR-10	GZBTR-10	6.59 mm	11.85 mm	17.85 mm	2.7 gm	6.80 mm	7.50 mm	39.30 mm
BZBTR-12	GZBTR-12	7.85 mm	14.60 mm	20.55 mm	3.3 gm	8.20 mm	8.53 mm	41.95 mm
BZBTR-16	GZBTR-16	10.30 mm	19.60 mm	26.11 mm	6.3 gm	10.45 mm	13.25 mm	52.97 mm
BZBTR-20	GZBTR-20	16.65 mm	28.88 mm	34.75 mm	12.9 gm	13.50 mm	16.15 mm	68.65 mm
BZBTR-25	GZBTR-25	22.80 mm	39.25 mm	47.40 mm	21.9 gm	17.40 mm	21.00 mm	88.00 mm

HALIDE RING

Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HDHG-8	CHDHG-8	6.15 mm	9.55 mm	14.58 mm	1.4 gm	5.38 mm	6.80 mm	28.76 mm
HDHG-10	CHDHG-10	6.59 mm	11.85 mm	17.85 mm	2.7 gm	6.80 mm	7.50 mm	39.30 mm
HDHG-12	CHDHG-12	7.85 mm	14.60 mm	20.55 mm	3.3 gm	8.20 mm	8.53 mm	41.95 mm
HDHG-16	CHDHG-16	10.30 mm	19.60 mm	26.11 mm	6.3 gm	10.45 mm	13.25 mm	52.97 mm
HDHG-20	CHDHG-20	16.65 mm	28.88 mm	34.75 mm	12.9 gm	13.50 mm	16.15 mm	68.65 mm
HDHG-25	CHDHG-25	22.80 mm	39.25 mm	47.40 mm	21.9 gm	17.40 mm	21.00 mm	88.00 mm

Boat Guides

HALIDE RING								
Model	Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BBLG-8	BLG-8	6.45 mm	12.25 mm	14.40 mm	2.3 gm	4.50 mm	6.30 mm	27.50 mm
BBLG-10	BLG-10	8.15 mm	13.75 mm	16.85 mm	3.0 gm	5.75 mm	7.25 mm	32.45 mm
BBLG-12	BLG-12	10.20 mm	16.00 mm	20.25 mm	4.9 gm	6.65 mm	9.75 mm	42.35 mm
BBLG-16	BLG-16	13.25 mm	22.25 mm	26.25 mm	9.7 gm	9.25 mm	12.75 mm	55.75 mm
BBLG-20	BLG-20	15.80 mm	26.80 mm	30.50 mm	15.0 gm	12.45 mm	14.50 mm	59.25 mm
BBLG-25	BLG-25	18.60 mm	32.00 mm	38.00 mm	21.0 gm	16.00 mm	15.00 mm	64.10 mm
BBLG-30	BLG-30	23.55 mm	44.25 mm	50.25 mm	29.4 gm	21.60 mm	16.00 mm	70.75 mm

ZIRCONIA RING								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length	
BGS-8	6.45 mm	12.25 mm	14.40 mm	2.3 gm	4.50 mm	6.30 mm	27.50 mm	
BGS-10	8.15 mm	13.75 mm	16.85 mm	3.0 gm	5.75 mm	7.25 mm	32.45 mm	
BGS-12	10.20 mm	16.00 mm	20.25 mm	4.9 gm	6.65 mm	9.75 mm	42.35 mm	
BGS-16	13.25 mm	22.25 mm	26.25 mm	9.7 gm	9.25 mm	12.75 mm	55.75 mm	
BGS-20	15.80 mm	26.80 mm	30.50 mm	15.0 gm	12.45 mm	14.50 mm	59.25 mm	
BGS-25	18.60 mm	32.00 mm	38.00 mm	21.0 gm	16.00 mm	15.00 mm	64.10 mm	
BGS-30	23.55 mm	44.25 mm	50.25 mm	29.4 gm	21.60 mm	16.00 mm	70.75 mm	

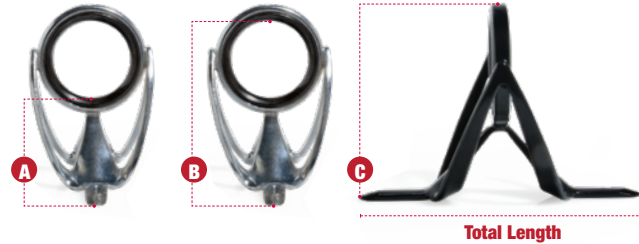


Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

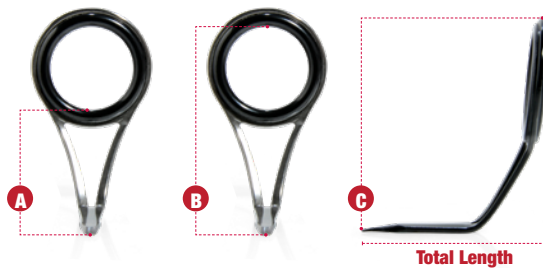
Height C: Total guide height



High Frame Guides

POLISHED FRAME								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length	
HLGC-6	4.22 mm	6.39 mm	9.90 mm	0.3 gm	3.91 mm	4.85 mm	13.18 mm	
HLGC-7	5.81 mm	8.60 mm	11.66 mm	0.3 gm	4.70 mm	5.65 mm	15.50 mm	
HLGC-8	7.4 mm	13 mm	15.3 mm	.5 gm	5.56 mm	6.52 mm	17.42 mm	
HLGC-10	8.59 mm	14.54 mm	17.75 mm	0.7 gm	6.85 mm	7.22 mm	18.52 mm	
HLGC-12	10.69 mm	18.46 mm	21.85 mm	1.0 gm	8.20 mm	7.30 mm	22.30 mm	
HLGC-16	12.31 mm	22.34 mm	26.15 mm	1.5 gm	10.80 mm	7.52 mm	25.20 mm	
HLGC-20	14.93 mm	28.13 mm	32.27 mm	2.4 gm	13.84 mm	8.50 mm	30.25 mm	
HLGC-25	21.08 mm	37.12 mm	42.37 mm	4.1 gm	17.65 mm	10.75 mm	38.32 mm	
HLGC-30	23.71 mm	43.34 mm	51.25 mm	6.6 gm	23.28 mm	12.35 mm	51.83 mm	
HLGC-40	27.50 mm	54.96 mm	60.60 mm	13.1 gm	27.88 mm	16.30 mm	70.21 mm	
HLGC-50	29.50 mm	65.44 mm	74.42 mm	18.7 gm	38.60 mm	19.80 mm	74.75 mm	

BLACK FRAME								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length	
HLG-6	4.22 mm	6.39 mm	9.90 mm	0.3 gm	3.91 mm	4.85 mm	13.18 mm	
HLG-7	5.81 mm	8.60 mm	11.66 mm	0.3 gm	4.70 mm	5.65 mm	15.50 mm	
HLG-8	7.4 mm	13 mm	15.3 mm	.5 gm	5.56 mm	6.52 mm	17.42 mm	
HLG-10	8.59 mm	14.54 mm	17.75 mm	0.7 gm	6.85 mm	7.22 mm	18.52 mm	
HLG-12	10.69 mm	18.46 mm	21.85 mm	1.0 gm	8.20 mm	7.30 mm	22.30 mm	
HLG-16	12.31 mm	22.34 mm	26.15 mm	1.5 gm	10.80 mm	7.52 mm	25.20 mm	
HLG-20	14.93 mm	28.13 mm	32.27 mm	2.4 gm	13.84 mm	8.50 mm	30.25 mm	
HLG-25	21.08 mm	37.12 mm	42.37 mm	4.1 gm	17.65 mm	10.75 mm	38.32 mm	
HLG-30	23.71 mm	43.34 mm	51.25 mm	6.6 gm	23.28 mm	12.35 mm	51.83 mm	
HLG-40	27.50 mm	54.96 mm	60.60 mm	13.1 gm	27.88 mm	16.30 mm	70.21 mm	
HLG-50	29.50 mm	65.44 mm	74.42 mm	18.7 gm	38.60 mm	19.80 mm	74.75 mm	



Single Foot Spinning Guides

HALIDE RING W/ POLISHED FRAME								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length	
HLSFC-6	4.86 mm	8.28 mm	10.29 mm	0.1 gm	3.69 mm	6.9 mm	12.44 mm	
HLSFC-7	5.52 mm	9.13 mm	12.39 mm	0.3 gm	4.62 mm	7.15	14.2 mm	
HLSFC-8	6.67 mm	12.09 mm	14.33 mm	0.3 gm	5.57 mm	9.8 mm	17 mm	
HLSFC-10	7.33 mm	14.35 mm	16.65 mm	0.6 gm	6.91 mm	9.31 mm	17.2 mm	
HLSFC-12	10.04 mm	17.79 mm	20.44 mm	0.8 gm	8.12 mm	11.8 mm	23.15 mm	
HLSFC-16	12.79 mm	22.86 mm	26.26 mm	1.1 gm	10.58 mm	15.5 mm	27.45 mm	
HLSFC-20	16.08 mm	28.52 mm	32.82 mm	2.2 gm	13.85 mm	17.3 mm	32.6 mm	
HLSFC-25	17.96 mm	36.18 mm	40.26 mm	3.8 gm	17.88 mm	20.3 mm	37.8 mm	
HLSFC-30	23.75 mm	44.74 mm	51.42 mm	5.8 gm	23.15 mm	23.4 mm	43.1 mm	

HALIDE RING BLACK FRAME								
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length	
HLGSF-6	4.86 mm	8.28 mm	10.29 mm	0.1 gm	3.69 mm	6.9 mm	12.44 mm	
HLGSF-7	5.52 mm	9.13 mm	12.39 mm	0.3 gm	4.62 mm	7.15	14.2 mm	
HLGSF-8	6.67 mm	12.09 mm	14.33 mm	0.3 gm	5.57 mm	9.8 mm	17 mm	
HLGSF-10	7.33 mm	14.35 mm	16.65 mm	0.6 gm	6.91 mm	9.31 mm	17.2 mm	
HLGSF-12	10.04 mm	17.79 mm	20.44 mm	0.8 gm	8.12 mm	11.8 mm	23.15 mm	
HLGSF-16	12.79 mm	22.86 mm	26.26 mm	1.1 gm	10.58 mm	15.5 mm	27.45 mm	
HLGSF-20	16.08 mm	28.52 mm	32.82 mm	2.2 gm	13.85 mm	17.3 mm	32.6 mm	
HLGSF-25	17.96 mm	36.18 mm	40.26 mm	3.8 gm	17.88 mm	20.3 mm	37.8 mm	
HLGSF-30	23.75 mm	44.74 mm	51.42 mm	5.8 gm	23.15 mm	23.4 mm	43.1 mm	

**Measurement Key:****Height A:** Bottom of the foot to bottom of the ring ID**Height B:** Bottom of the foot to top of ring ID**Height C:** Total guide height**Casting/Spinning Guides****TICH FRAME**

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HTC-6	4.30 mm	7.75 mm	10.14 mm	0.3 gm	3.80 mm	4.95 mm	16.50 mm
HTC-8	5.77 mm	10.69 mm	13.53 mm	0.5 gm	5.60 mm	6.25 mm	17.65 mm
HTC-10	6.76 mm	12.52 mm	16.00 mm	0.8 gm	6.90 mm	7.25 mm	21.75 mm
HTC-12	8.32 mm	15.40 mm	18.63 mm	1.3 gm	8.20 mm	8.58 mm	26.35 mm
HTC-16	8.78 mm	18.00 mm	21.60 mm	1.9 gm	10.58 mm	9.50 mm	33.50 mm
HTC-20	12.00 mm	23.00 mm	30.15 mm	3.2 gm	14.00 mm	13.50 mm	40.22 mm
HTC-25	14.75 mm	29.85 mm	36.20 mm	5.0 gm	17.70 mm	14.60 mm	51.50 mm
HTC-30	19.50 mm	41.40 mm	47.38 mm	7.6 gm	23.48 mm	16.75 mm	56.25 mm

POLISHED FRAME

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HLCC-6	4.30 mm	7.75 mm	10.14 mm	0.3 gm	3.80 mm	4.95 mm	16.50 mm
HLCC-8	5.77 mm	10.69 mm	13.53 mm	0.5 gm	5.60 mm	6.25 mm	17.65 mm
HLCC-10	6.76 mm	12.52 mm	16.00 mm	0.8 gm	6.90 mm	7.25 mm	21.75 mm
HLCC-12	8.32 mm	15.40 mm	18.63 mm	1.3 gm	8.20 mm	8.58 mm	26.35 mm
HLCC-16	8.78 mm	18.00 mm	21.60 mm	1.9 gm	10.58 mm	9.50 mm	33.50 mm
HLCC-20	12.00 mm	23.00 mm	30.15 mm	3.2 gm	14.00 mm	13.50 mm	40.22 mm
HLCC-25	14.75 mm	29.85 mm	36.20 mm	5.0 gm	17.70 mm	14.60 mm	51.50 mm
HLCC-30	19.50 mm	41.40 mm	47.38 mm	7.6 gm	23.48 mm	16.75 mm	56.25 mm
HLCC-40	24.00 mm	47.10 mm	55.25 mm	16.0 gm	28.08 mm	18.50 mm	77.50 mm

BLACK FRAME

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HLC-6	4.30 mm	7.75 mm	10.14 mm	0.3 gm	3.80 mm	4.95 mm	16.50 mm
HLC-8	5.77 mm	10.69 mm	13.53 mm	0.5 gm	5.60 mm	6.25 mm	17.65 mm
HLC-10	6.76 mm	12.52 mm	16.00 mm	0.8 gm	6.90 mm	7.25 mm	21.75 mm
HLC-12	8.32 mm	15.40 mm	18.63 mm	1.3 gm	8.20 mm	8.58 mm	26.35 mm
HLC-16	8.78 mm	18.00 mm	21.60 mm	1.9 gm	10.58 mm	9.50 mm	33.50 mm
HLC-20	12.00 mm	23.00 mm	30.15 mm	3.2 gm	14.00 mm	13.50 mm	40.22 mm
HLC-25	14.75 mm	29.85 mm	36.20 mm	5.0 gm	17.70 mm	14.60 mm	51.50 mm
HLC-30	19.50 mm	41.40 mm	47.38 mm	7.6 gm	23.48 mm	16.75 mm	56.25 mm
HLC-40	24.00 mm	47.10 mm	55.25 mm	16.0 gm	28.08 mm	18.50 mm	77.50 mm

**Measurement Key:****Height A:** Bottom of the foot to bottom of the ring ID**Height B:** Bottom of the foot to top of ring ID**Height C:** Total guide height**Single Foot FLY Guides****HALIDE RING W/ POLISHED FRAME**

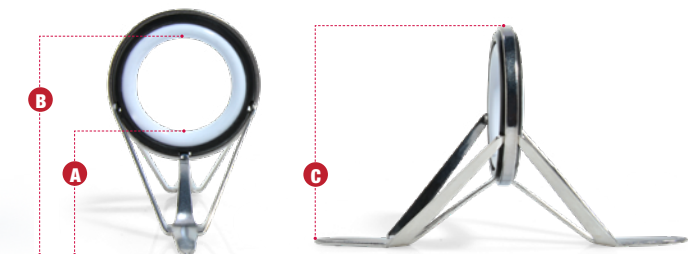
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HFC-5	3.25 mm	5.12 mm	7.50 mm	0.1 gm	2.95 mm	7.4 mm	12 mm
HFC-6	3.50 mm	6.51 mm	8.50 mm	0.2 gm	3.85 mm	8.3 mm	13.47 mm
HFC-7	4.12 mm	8.04 mm	11.25 mm	0.2 gm	4.60 mm	9.2 mm	15.8 mm
HFC-8	5.37 mm	8.62 mm	12.85 mm	0.3 gm	5.45 mm	9 mm	16.3 mm
HFC-10	6.62 mm	11.42 mm	14.30 mm	0.7 gm	7.20 mm	13.1 mm	20.5 mm

HALIDE RING W/ BLACK FRAME

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
HFB-5	3.25 mm	5.12 mm	7.50 mm	0.1 gm	2.95 mm	7.4 mm	12 mm
HFB-6	3.50 mm	6.51 mm	8.50 mm	0.2 gm	3.85 mm	8.3 mm	13.47 mm
HFB-7	4.12 mm	8.04 mm	11.25 mm	0.2 gm	4.60 mm	9.2 mm	15.8 mm
HFB-8	5.37 mm	8.62 mm	12.85 mm	0.3 gm	5.45 mm	9 mm	16.3 mm
HFB-10	6.62 mm	11.42 mm	14.30 mm	0.7 gm	7.20 mm	13.1 mm	20.5 mm

**Carbide Boat Rod Guides****BRACED**

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
CWBG-8	5.5 mm	10.1 mm	11.7 mm	1.8 gm	4.6 mm	9.8 mm	32.6 mm
CWBG-9	5 mm	10.6 mm	12.3 mm	2 gm	5.6 mm	9.2 mm	31.8 mm
CWBG-10	6 mm	12.5 mm	14.1 mm	3 gm	6.5 mm	10.2 mm	40 mm
CWBG-12	7.5 mm	15.3 mm	17.1 mm	3.9 gm	7.8 mm	11.5 mm	41.7 mm
CWBG-14	8 mm	17 mm	18.7 mm	4.8 gm	9 mm	10.7 mm	42.5 mm
CWBG-16	8.3 mm	19.2 mm	21.8 mm	7.1 gm	10.9 mm	11.5 mm	51 mm
CWBG-18	8.4 mm	20.9 mm	23.1 mm	10.8 gm	12.5 mm	13 mm	56.6 mm

**White Ceramic****CERAMIC RING**

Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
CER-8	5.4 mm	12.3 mm	13.2 mm	.08 gm	4.3 mm	7.6 mm	27.5 mm
CER-10	6.2 mm	13.7 mm	15.4 mm	1 gm	5.4 mm	9 mm	33.2 mm
CER-12	7 mm	15.6 mm	16.6 mm	1.3 gm	6.6 mm	7.8 mm	35.6 mm
CER-16	10 mm	20.9 mm	22 mm	2.1 gm	8.5 mm	10.5 mm	44.8 mm
CER-20	13.8 mm	29.7 mm	30.2 mm	3.5 gm	11.7 mm	11.7 mm	49.7 mm
CER-25	17.5 mm	37.5 mm	38.5 mm	5.4 gm	15.7 mm	12.2 mm	60 mm
CER-30	19.5 mm	44.3 mm	46.2 mm	9.4 gm	20.4 mm	14.6 mm	70 mm
CER-40	20 mm	50.7 mm	52.7 mm	15 gm	24 mm	18.5 mm	93 mm
CER-50	22.8 mm	63.9 mm	66 mm	27 gm	34 mm	18.7 mm	108 mm

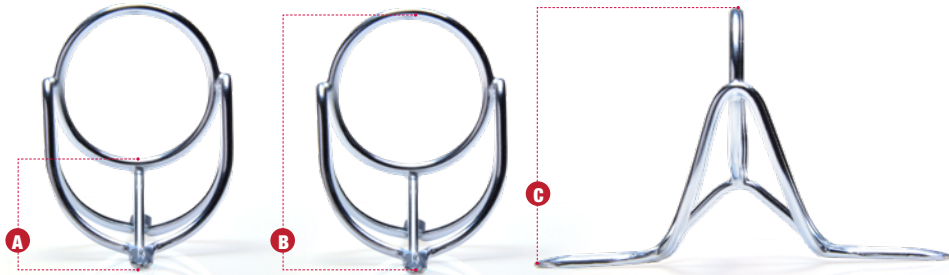


Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



Boat Wire Frame Spin/Cast

UNBRACED							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BG-8	3.12 mm	7.12 mm	11.2 mm	.7 gm	4 mm	6 mm	27 mm
BG-10	4.2 mm	12.1 mm	13.1 mm	.9 gm	7.7 mm	8 mm	32.4 mm
BG-12	7 mm	16 mm	17.5 mm	1.6 gm	9 mm	10.5 mm	33.7 mm
BG-14	9 mm	20 mm	21.5 mm	1.8 gm	11 mm	11.2 mm	36.5 mm
BG-16	9 mm	21.8 mm	23.5 mm	2.9 gm	12.8 mm	15.2 mm	47.6 mm
BG-20	11.5 mm	28.3 mm	30 mm	3.4 gm	16.8 mm	15.7 mm	53.6 mm
BG-25	12.4 mm	33.8 mm	35.6 mm	4.6 gm	21.4 mm	17.5 mm	60.8 mm
BG-30	17 mm	43.5 mm	45.2 mm	5.4 gm	26.5 mm	16.5 mm	61 mm

BRACED							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BGB-10	5.2 mm	12.9 mm	14.1 mm	.5 gm	7.7 mm	10.2 mm	32.8 mm
BGB-12	8 mm	17 mm	18.5 mm	1.5 gm	9 mm	9.6 mm	33.3 mm
BGB-14	9 mm	20 mm	21.5 mm	1.9 gm	11 mm	10.5 mm	38 mm
BGB-16	9 mm	21.8 mm	23.5 mm	2.8 gm	12.6 mm	13 mm	42.5 mm
BGB-20	11.9 mm	28.6 mm	30.3 mm	3.6 gm	16.7 mm	14.7 mm	53.3 mm
BGB-25	16 mm	37.4 mm	39.2 mm	5.4 gm	21.4 mm	16.5 mm	60.2 mm
BGB-30	15.6 mm	42.1 mm	44 mm	6.2 gm	26.5 mm	16.5 mm	62 mm
BGB-40	21 mm	56.6 mm	58.8 mm	13.2 gm	36.6 mm	25.2 mm	89.5 mm
BGB-50	24.2 mm	68.7 mm	71.5 mm	18.6 gm	44.5 mm	24.5 mm	94.2 mm
BGB-60	25 mm	79 mm	81.8 mm	2.2 gm	54 mm	24.5 mm	92.2 mm
BGB-70	19.7 mm	84.2 mm	87.1 mm	21.3 gm	64.5 mm	25.3 mm	92.2 mm

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Measurement Key:

Height A: Bottom of the foot to bottom of the ring ID

Height B: Bottom of the foot to top of ring ID

Height C: Total guide height



Heavy Wire Frame Spin/Cast

UNBRACED							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BRG-8	4.3 mm	9.9 mm	10.9 mm	.9 gm	5.6 mm	8 mm	27.3 mm
BRG-9	4.9 mm	11.5 mm	12.5 mm	1 gm	6.6 mm	8.5 mm	32.2 mm
BRG-10	4.8 mm	12.3 mm	13.5 mm	1.1 gm	7.5 mm	10.5 mm	32.5 mm
BRG-12	6 mm	14.5 mm	15.2 mm	1.9 gm	8.5 mm	10.2 mm	37.4 mm
BRG-14	6 mm	16.5 mm	18.2 mm	2.6 gm	10.5 mm	10.4 mm	43 mm
BRG-16	7.2 mm	19 mm	20.9 mm	3.5 gm	11.8 mm	13 mm	46.8 mm
BRG-18	8.5 mm	22.2 mm	24.2 mm	4.8 gm	13.7 mm	13.2 mm	51.8 mm
BRG-20	10.5 mm	25.8 mm	28 mm	6.2 gm	15.3 mm	14.5 mm	53.5 mm
BRG-25	12.5 mm	31.7 mm	34.1 mm	8.2 gm	19.2 mm	14 mm	56.2 mm

BRACED							
Model	Height A	Height B	Height C	Weight	Ring ID	Foot Length	Total Length
BRGB-8	4.5 mm	10 mm	11.2 mm	1 gm	5.5 mm	7.6 mm	27.5 mm
BRGB-9	4.6 mm	11.6 mm	12.8 mm	1.2 gm	6.6 mm	8.5 mm	31.5 mm
BRGB-10	5.2 mm	12.8 mm	13.9 mm	1.4 gm	7.6 mm	9.6 mm	33.1 mm
BRGB-12	7.8 mm	16.5 mm	18.2 mm	2.1 gm	8.7 mm	10.3 mm	37.5 mm
BRGB-14	8.1 mm	18.6 mm	20.3 mm	2.7 gm	10.5 mm	11.5 mm	43.2 mm
BRGB-16	9 mm	20.9 mm	22.9 mm	3.7 gm	11.9 mm	13.5 mm	46.9 mm
BRGB-18	9.8 mm	23.4 mm	25.6 mm	5.3 gm	13.6 mm	13.6 mm	51.9 mm
BRGB-20	11.5 mm	26.9 mm	29.1 mm	6.7 gm	15.4 mm	12.4 mm	55.2 mm
BRGB-25	14 mm	34 mm	36.4 mm	9.9 gm	20 mm	14.3 mm	61.1 mm



Light Wire Snake Guides

LIGHT WIRE GUIDE			
Model	Model	Width A	Height B
FRGL-2/0	FGGL-2/0	4 mm	18.5 mm
FRGL-1/0	FGGL-1/0	4.5 mm	18.5 mm
FRGL-1	FGGL-1	5.5 mm	19 mm
FRGL-2	FGGL-2	6 mm	21.3 mm
FRGL-3	FGGL-3	6.5 mm	22.3 mm
FRGL-4	FGGL-4	7.5 mm	24.5 mm
FRGL-5	FGGL-5	8.5 mm	27.5 mm

Width A: Horizontal I.D.

Height B: Total Guide Height

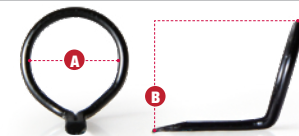


Fly Rod Snake Guides

WIRE GUIDE				
Model	Model	Model	Width A	Height B
FGG-2/0	FRGB-2/0	FRG-2/0	3.5 mm	18.5 mm
FGG-1/0	FRGB-1/0	FRG-1/0	4.5 mm	19.5 mm
FGG-1	FRGB-1	FRG-1	5.5 mm	20.2 mm
FGG-2	FRGB-2	FRG-2	6 mm	21.3 mm
FGG-3	FRGB-3	FRG-3	6.5 mm	22.3 mm
FGG-4	FRGB-4	FRG-4	7 mm	25 mm
FGG-5	FRGB-5	FRG-5	7.5 mm	28.5 mm
FGG-6	FRGB-6	FRG-6	8 mm	30 mm

Width A: Horizontal I.D.

Height B: Total Guide Height



Single Foot Wire Fly Guides

WIRE GUIDE				
Model	Model	Model	Width A	Height B
GSFG-2/0	SFG-2/0	BSFG-2/0	3.7 mm	6.2 mm
GSFG-1/0	SFG-1/0	BSFG-1/0	4.25 mm	6.2 mm
GSFG-1	SFG-1	BSFG-1	5.1 mm	7 mm
GSFG-2	SFG-2	BSFG-2	5.5 mm	7.5 mm
GSFG-3	SFG-3	BSFG-3	6 mm	8 mm
GSFG-4	SFG-4	BSFG-4	6.6 mm	8.5 mm
GSFG-5	SFG-5	BSFG-5	7 mm	9.5 mm
GSFG-6	SFG-6	BSFG-6	8 mm	9.5 mm

Width A: Horizontal I.D.

Height B: Total Guide Height