

This chart is for SLOTTED beads. Round beads are represented in a separate chart

Firehole Outdoors Hook-Based Weight Management System

Additive Weight Calculations (all listed weights are in GRAMS)

Firehole Stones Tear Drop Body

Firehole Stones Slotted Tungsten Bead

	2.0mm Body	2.4mm Body	2.7mm Body	3.2mm Body	3.6mm Body	4.1mm Body	
2.0mm Bead	Bead + = 0.15 gm Body	Bead + = 0.24 gm Body	Bead + = 0.34 gm Body	Bead + = 0.45 gm Body	Bead + = 0.58 gm Body	Bead + = 0.77 gm Body	
	With Bug Band 2.5 = <i>0.17 gm</i> 2.9 = <i>0.19 gm</i> 3.3 = <i>0.22 gm</i> 3.7 = <i>0.24 gm</i> 4.3 = <i>0.29 gm</i>	With Bug Band 2.5 = <i>0.26 gm</i> 2.9 = <i>0.28 gm</i> 3.3 = <i>0.31 gm</i> 3.7 = <i>0.33 gm</i> 4.3 = <i>0.38 gm</i>	With Bug Band 2.5 = <i>0.36 gm</i> 2.9 = <i>0.38 gm</i> 3.3 = <i>0.41 gm</i> 3.7 = <i>0.43 gm</i> 4.3 = <i>0.48 gm</i>	Add Band Weight 2.5 = <i>0.47 gm</i> 2.9 = <i>0.49 gm</i> 3.3 = <i>0.52 gm</i> 3.7 = <i>0.54 gm</i> 4.3 = <i>0.59 gm</i>	Add Band Weight 2.5 = <i>0.6 gm</i> 2.9 = <i>0.62 gm</i> 3.3 = <i>0.65 gm</i> 3.7 = <i>0.67 gm</i> 4.3 = <i>0.72 gm</i>	Add Band Weight 2.5 = <i>0.79 gm</i> 2.9 = <i>0.81 gm</i> 3.3 = <i>0.84 gm</i> 3.7 = <i>0.86 gm</i> 4.3 = <i>0.91 gm</i>	
	2.5mm Bead	Bead + = 0.21 gm Body	Bead + = 0.30 gm Body	Bead + = 0.40 gm Body	Bead + = 0.51 gm Body	Bead + = 0.64 gm Body	Bead + = 0.83 gm Body
		With Bug Band 2.5 = <i>0.23 gm</i> 2.9 = <i>0.25 gm</i> 3.3 = <i>0.28 gm</i> 3.7 = <i>0.30 gm</i> 4.3 = <i>0.35 gm</i>	With Bug Band 2.5 = <i>0.32 gm</i> 2.9 = <i>0.34 gm</i> 3.3 = <i>0.37 gm</i> 3.7 = <i>0.39 gm</i> 4.3 = <i>0.44 gm</i>	With Bug Band 2.5 = <i>0.42 gm</i> 2.9 = <i>0.44 gm</i> 3.3 = <i>0.47 gm</i> 3.7 = <i>0.49 gm</i> 4.3 = <i>0.54 gm</i>	With Bug Band 2.5 = <i>0.53 gm</i> 2.9 = <i>0.55 gm</i> 3.3 = <i>0.58 gm</i> 3.7 = <i>0.60 gm</i> 4.3 = <i>0.65 gm</i>	With Bug Band 2.5 = <i>0.66 gm</i> 2.9 = <i>0.68 gm</i> 3.3 = <i>0.71 gm</i> 3.7 = <i>0.73 gm</i> 4.3 = <i>0.78 gm</i>	With Bug Band 2.5 = <i>0.85 gm</i> 2.9 = <i>0.87 gm</i> 3.3 = <i>0.90 gm</i> 3.7 = <i>0.92 gm</i> 4.3 = <i>0.97 gm</i>
		3.0mm Bead	Bead + = 0.31 gm Body	Bead + = 0.40 gm Body	Bead + = 0.50 gm Body	Bead + = 0.61 gm Body	Bead + = 0.74 gm Body
With Bug Band 2.5 = <i>0.33 gm</i> 2.9 = <i>0.35 gm</i> 3.3 = <i>0.38 gm</i> 3.7 = <i>0.40 gm</i> 4.3 = <i>0.45 gm</i>			With Bug Band 2.5 = <i>0.42 gm</i> 2.9 = <i>0.44 gm</i> 3.3 = <i>0.47 gm</i> 3.7 = <i>0.49 gm</i> 4.3 = <i>0.54 gm</i>	With Bug Band 2.5 = <i>0.52 gm</i> 2.9 = <i>0.54 gm</i> 3.3 = <i>0.57 gm</i> 3.7 = <i>0.59 gm</i> 4.3 = <i>0.64 gm</i>	Add Band Weight 2.5 = <i>0.63 gm</i> 2.9 = <i>0.65 gm</i> 3.3 = <i>0.68 gm</i> 3.7 = <i>0.70 gm</i> 4.3 = <i>0.75 gm</i>	Add Band Weight 2.5 = <i>0.76 gm</i> 2.9 = <i>0.78 gm</i> 3.3 = <i>0.81 gm</i> 3.7 = <i>0.83 gm</i> 4.3 = <i>0.88 gm</i>	Add Band Weight 2.5 = <i>0.95 gm</i> 2.9 = <i>0.97 gm</i> 3.3 = <i>1.00 gm</i> 3.7 = <i>1.02 gm</i> 4.3 = <i>1.07 gm</i>
3.5mm Bead			Bead + = 0.43 gm Body	Bead + = 0.52 gm Body	Bead + = 0.62 gm Body	Bead + = 0.73 gm Body	Bead + = 0.86 gm Body
	With Bug Band 2.5 = <i>0.45 gm</i> 2.9 = <i>0.47 gm</i> 3.3 = <i>0.5 gm</i> 3.7 = <i>0.52 gm</i> 4.3 = <i>0.57 gm</i>		With Bug Band 2.5 = <i>0.54 gm</i> 2.9 = <i>0.56 gm</i> 3.3 = <i>0.59 gm</i> 3.7 = <i>0.61 gm</i> 4.3 = <i>0.66 gm</i>	With Bug Band 2.5 = <i>0.64 gm</i> 2.9 = <i>0.66 gm</i> 3.3 = <i>0.69 gm</i> 3.7 = <i>0.71 gm</i> 4.3 = <i>0.76 gm</i>	With Bug Band 2.5 = <i>0.75 gm</i> 2.9 = <i>0.77 gm</i> 3.3 = <i>0.8 gm</i> 3.7 = <i>0.82 gm</i> 4.3 = <i>0.87 gm</i>	With Bug Band 2.5 = <i>0.88 gm</i> 2.9 = <i>0.9 gm</i> 3.3 = <i>0.93 gm</i> 3.7 = <i>0.95 gm</i> 4.3 = <i>1.00 gm</i>	With Bug Band 2.5 = <i>1.07 gm</i> 2.9 = <i>1.09 gm</i> 3.3 = <i>1.12 gm</i> 3.7 = <i>1.14 gm</i> 4.3 = <i>1.19 gm</i>
	4.0mm Bead		Bead + = 0.58 gm Body	Bead + = 0.67 gm Body	Bead + = 0.77 gm Body	Bead + = 0.88 gm Body	Bead + = 1.01 gm Body
		With Bug Band 2.5 = <i>0.6 gm</i> 2.9 = <i>0.62 gm</i> 3.3 = <i>0.65 gm</i> 3.7 = <i>0.67 gm</i> 4.3 = <i>0.72 gm</i>	With Bug Band 2.5 = <i>0.69 gm</i> 2.9 = <i>0.71 gm</i> 3.3 = <i>0.74 gm</i> 3.7 = <i>0.76 gm</i> 4.3 = <i>0.81 gm</i>	With Bug Band 2.5 = <i>0.79 gm</i> 2.9 = <i>0.81 gm</i> 3.3 = <i>0.84 gm</i> 3.7 = <i>0.86 gm</i> 4.3 = <i>0.91 gm</i>	Add Band Weight 2.5 = <i>0.9 gm</i> 2.9 = <i>0.92 gm</i> 3.3 = <i>0.95 gm</i> 3.7 = <i>0.97 gm</i> 4.3 = <i>1.02 gm</i>	Add Band Weight 2.5 = <i>1.03 gm</i> 2.9 = <i>1.05 gm</i> 3.3 = <i>1.08 gm</i> 3.7 = <i>1.10 gm</i> 4.3 = <i>1.15 gm</i>	Add Band Weight 2.5 = <i>1.22 gm</i> 2.9 = <i>1.24 gm</i> 3.3 = <i>1.27 gm</i> 3.7 = <i>1.29 gm</i> 4.3 = <i>1.34 gm</i>
		4.5mm Bead	Bead + = 0.82 gm Body	Bead + = 0.91 gm Body	Bead + = 1.01 gm Body	Bead + = 1.12 gm Body	Bead + = 1.25 gm Body
With Bug Band 2.5 = <i>0.84 gm</i> 2.9 = <i>0.86 gm</i> 3.3 = <i>0.89 gm</i> 3.7 = <i>0.91 gm</i> 4.3 = <i>0.96 gm</i>			With Bug Band 2.5 = <i>0.93 gm</i> 2.9 = <i>0.95 gm</i> 3.3 = <i>0.98 gm</i> 3.7 = <i>1.0 gm</i> 4.3 = <i>1.05 gm</i>	With Bug Band 2.5 = <i>1.03 gm</i> 2.9 = <i>1.05 gm</i> 3.3 = <i>1.08 gm</i> 3.7 = <i>1.10 gm</i> 4.3 = <i>1.15 gm</i>	With Bug Band 2.5 = <i>1.14 gm</i> 2.9 = <i>1.16 gm</i> 3.3 = <i>1.19 gm</i> 3.7 = <i>1.21 gm</i> 4.3 = <i>1.26 gm</i>	With Bug Band 2.5 = <i>1.27 gm</i> 2.9 = <i>1.29 gm</i> 3.3 = <i>1.32 gm</i> 3.7 = <i>1.34 gm</i> 4.3 = <i>1.39 gm</i>	With Bug Band 2.5 = <i>1.46 gm</i> 2.9 = <i>1.48 gm</i> 3.3 = <i>1.51 gm</i> 3.7 = <i>1.53 gm</i> 4.3 = <i>1.58 gm</i>

Individual Component Weight Reference

Tungsten Bead		Bug Band		Tear Drop	
mm	grams	mm	grams	mm	grams
1.5**	0.03	2.5	0.02	2	0.10
2	0.05	2.9	0.04	2.4	0.19
2.5	0.11	3.3	0.07	2.7	0.29
3	0.21	3.7	0.09	3.2	0.40
3.5	0.33	4.3	0.14	3.6	0.53
4	0.48			4.1	0.72
4.5	0.72				

Notes:

- Bead and Tear Drop weights are based on raw/unfinished tungsten. Paint/matte finishes can add as much as 1/100th of a gram.
- Bug Bands are machined brass and can vary by ~1/100th of a gram due to machining tolerances.
- 1.5mm beads are available in four plated colors and raw/unfinished tungsten. Slotted only.