

This chart is for ROUND beads. Slotted 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 Round Tungsten Bead

	2.0mm Body	2.4mm Body	2.7mm Body	3.2mm Body	3.6mm Body	4.1mm Body
<b>2.0mm Bead</b>	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 = 0.17 gm 2.9 = 0.19 gm 3.3 = 0.22 gm 3.7 = 0.24 gm 4.3 = 0.29 gm	With Bug Band 2.5 = 0.26 gm 2.9 = 0.280 gm 3.3 = 0.31 gm 3.7 = 0.33 gm 4.3 = 0.38 gm	With Bug Band 2.5 = 0.36 gm 2.9 = 0.380 gm 3.3 = 0.41 gm 3.7 = 0.43 gm 4.3 = 0.48 gm	Add Band Weight 2.5 = 0.47 gm 2.9 = 0.49 gm 3.3 = 0.52 gm 3.7 = 0.54 gm 4.3 = 0.59 gm	Add Band Weight 2.5 = 0.6 gm 2.9 = 0.62 gm 3.3 = 0.65 gm 3.7 = 0.67 gm 4.3 = 0.72 gm	Add Band Weight 2.5 = 0.79 gm 2.9 = 0.810 gm 3.3 = 0.84 gm 3.7 = 0.86 gm 4.3 = 0.91 gm
	Bead + = 0.20 gm Body	Bead + = 0.29 gm Body	Bead + = 0.39 gm Body	Bead + = 0.50 gm Body	Bead + = 0.63 gm Body	Bead + = 0.82 gm Body
	With Bug Band 2.5 = 0.22 gm 2.9 = 0.24 gm 3.3 = 0.27 gm 3.7 = 0.29 gm 4.3 = 0.34 gm	With Bug Band 2.5 = 0.31 gm 2.9 = 0.33 gm 3.3 = 0.36 gm 3.7 = 0.38 gm 4.3 = 0.43 gm	With Bug Band 2.5 = 0.41 gm 2.9 = 0.43 gm 3.3 = 0.46 gm 3.7 = 0.48 gm 4.3 = 0.53 gm	With Bug Band 2.5 = 0.52 gm 2.9 = 0.54 gm 3.3 = 0.57 gm 3.7 = 0.59 gm 4.3 = 0.64 gm	With Bug Band 2.5 = 0.65 gm 2.9 = 0.67 gm 3.3 = 0.70 gm 3.7 = 0.72 gm 4.3 = 0.77 gm	With Bug Band 2.5 = 0.84 gm 2.9 = 0.86 gm 3.3 = 0.89 gm 3.7 = 0.91 gm 4.3 = 0.96 gm
	Bead + = 0.28 gm Body	Bead + = 0.37 gm Body	Bead + = 0.47 gm Body	Bead + = 0.58 gm Body	Bead + = 0.71 gm Body	Bead + = 0.90 gm Body
With Bug Band 2.5 = 0.3 gm 2.9 = 0.32 gm 3.3 = 0.35 gm 3.7 = 0.37 gm 4.3 = 0.42 gm	With Bug Band 2.5 = 0.39 gm 2.9 = 0.41 gm 3.3 = 0.44 gm 3.7 = 0.46 gm 4.3 = 0.51 gm	With Bug Band 2.5 = 0.49 gm 2.9 = 0.51 gm 3.3 = 0.54 gm 3.7 = 0.56 gm 4.3 = 0.61 gm	Add Band Weight 2.5 = 0.6 gm 2.9 = 0.62 gm 3.3 = 0.65 gm 3.7 = 0.67 gm 4.3 = 0.72 gm	Add Band Weight 2.5 = 0.73 gm 2.9 = 0.75 gm 3.3 = 0.78 gm 3.7 = 0.80 gm 4.3 = 0.85 gm	Add Band Weight 2.5 = 0.92 gm 2.9 = 0.94 gm 3.3 = 0.97 gm 3.7 = 0.99 gm 4.3 = 1.04 gm	
<b>3.0mm Bead</b>	Bead + = 0.40 gm Body	Bead + = 0.49 gm Body	Bead + = 0.59 gm Body	Bead + = 0.70 gm Body	Bead + = 0.83 gm Body	Bead + = 1.02 gm Body
	With Bug Band 2.5 = 0.42 gm 2.9 = 0.44 gm 3.3 = 0.47 gm 3.7 = 0.49 gm 4.3 = 0.54 gm	With Bug Band 2.5 = 0.51 gm 2.9 = 0.53 gm 3.3 = 0.56 gm 3.7 = 0.58 gm 4.3 = 0.63 gm	With Bug Band 2.5 = 0.61 gm 2.9 = 0.63 gm 3.3 = 0.66 gm 3.7 = 0.68 gm 4.3 = 0.73 gm	With Bug Band 2.5 = 0.72 gm 2.9 = 0.74 gm 3.3 = 0.77 gm 3.7 = 0.79 gm 4.3 = 0.84 gm	With Bug Band 2.5 = 0.85 gm 2.9 = 0.87 gm 3.3 = 0.9 gm 3.7 = 0.92 gm 4.3 = 0.97 gm	With Bug Band 2.5 = 1.04 gm 2.9 = 1.06 gm 3.3 = 1.09 gm 3.7 = 1.11 gm 4.3 = 1.16 gm
	Bead + = 0.54 gm Body	Bead + = 0.63 gm Body	Bead + = 0.73 gm Body	Bead + = 0.84 gm Body	Bead + = 0.97 gm Body	Bead + = 1.16 gm Body
	With Bug Band 2.5 = 0.56 gm 2.9 = 0.58 gm 3.3 = 0.61 gm 3.7 = 0.63 gm 4.3 = 0.68 gm	With Bug Band 2.5 = 0.65 gm 2.9 = 0.67 gm 3.3 = 0.70 gm 3.7 = 0.72 gm 4.3 = 0.77 gm	With Bug Band 2.5 = 0.75 gm 2.9 = 0.77 gm 3.3 = 0.80 gm 3.7 = 0.82 gm 4.3 = 0.87 gm	Add Band Weight 2.5 = 0.86 gm 2.9 = 0.88 gm 3.3 = 0.91 gm 3.7 = 0.93 gm 4.3 = 0.98 gm	Add Band Weight 2.5 = 0.99 gm 2.9 = 1.01 gm 3.3 = 1.04 gm 3.7 = 1.06 gm 4.3 = 1.11 gm	Add Band Weight 2.5 = 1.18 gm 2.9 = 1.20 gm 3.3 = 1.23 gm 3.7 = 1.25 gm 4.3 = 1.30 gm
	Bead + = 0.79 gm Body	Bead + = 0.88 gm Body	Bead + = 0.98 gm Body	Bead + = 1.09 gm Body	Bead + = 1.22 gm Body	Bead + = 1.41 gm Body
With Bug Band 2.5 = 0.81 gm 2.9 = 0.83 gm 3.3 = 0.86 gm 3.7 = 0.88 gm 4.3 = 0.93 gm	With Bug Band 2.5 = 0.90 gm 2.9 = 0.92 gm 3.3 = 0.95 gm 3.7 = 0.97 gm 4.3 = 1.02 gm	With Bug Band 2.5 = 1.00 gm 2.9 = 1.02 gm 3.3 = 1.05 gm 3.7 = 1.07 gm 4.3 = 1.12 gm	With Bug Band 2.5 = 1.11 gm 2.9 = 1.13 gm 3.3 = 1.16 gm 3.7 = 1.18 gm 4.3 = 1.23 gm	With Bug Band 2.5 = 1.24 gm 2.9 = 1.26 gm 3.3 = 1.29 gm 3.7 = 1.31 gm 4.3 = 1.36 gm	With Bug Band 2.5 = 1.43 gm 2.9 = 1.45 gm 3.3 = 1.48 gm 3.7 = 1.50 gm 4.3 = 1.55 gm	

#### Individual Component Weight Reference

Tungsten Bead		Bug Band		Tear Drop	
mm	grams	mm	grams	mm	grams
1.5*	-	2.5	0.02	2	0.10
2	0.05	2.9	0.04	2.4	0.19
2.5	0.10	3.3	0.07	2.7	0.29
3	0.18	3.7	0.09	3.2	0.40
3.5	0.30	4.3	0.14	3.6	0.53
4	0.44			4.1	0.72
4.5	0.69				

#### 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.