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Elmet Technologies Expands Tungsten Fragmentation Production Capabilities

Elmet Technologies is excited to announce its expanded tungsten fragmentation production capabilities for spheres, cubes, and balls. Following 3 years of investment and dedicated work from our team, Elmet is pleased to share our new manufacturing capabilities and specialized focus in tungsten heavy alloy fragmentation parts, such as spheres and cubes. To start, we would like to extend congratulations to the implementation team and special projects group that made achieving this milestone possible. We have further projects and exciting new developments planned for the remainder of 2022, with more presses, finishing, and inspection equipment on the horizon.

Stay tuned for more updates from Elmet in 2022!



New Tungsten and Heavy Alloy Products

Elmet is rapidly expanding its capabilities and tooling for several tungsten and WHA products, including:

- Spheres
- Cubes
- Balls
- Fragmentation Parts



Contact sales@elmettech.com to learn more about developments for this fast-growing product line.

Examples of Tungsten Fragmentation Parts and Sizes We Manufacture

Currently, Elmet offers the following sizes of tungsten cubes, spheres, and other fragmentation parts:

Product & Size	Weight (g)	Diameter (mm)
#8 (2.29 mm 0.090 in.)	0.1096	2.29
#6 (2.79 mm 0.110 in.)	0.2001	2.79
4.32 mm (0.170 in.) sphere	0.7386	4.32
4.79 mm (0.1886 in.)	1.0085	4.79
5.59 mm (0.220 in.) sphere	1.6007	5.59
0 (8.13 mm 0.320 in.)	4.9259	8.13
6 mm (0.2362 in.) rounded cube	3.564	6.0
6 mm (0.2362 in.) cube	3.78	6.0
7 mm (0.2756 in.) rounded cube	5.55	7.0
7 mm (0.2756 in.) cube	5.88	7.0

**Note: for other classes, sizes, and densities, please contact the Elmet sales team.*

Elmet Technologies has extensive capabilities with a specialized focus on rounded cubes and larger sphere sizes. If you do not see your required product, size, or material – please contact our sales team. We’re always happy to discuss your project requirements and help deliver a customized size or blend based on your exact needs.

About Elmet Technologies

Entering its 93rd year in business, Elmet Technologies is a global leader in tungsten, molybdenum, TZM, MoLa, and WHA products. As the only fully-integrated, US-owned and operated manufacturer, we’ve been proudly servicing our customers since 1929. At Elmet, we manufacture and blend our own 100% Made in the USA Tungsten (W) powder, and press, sinter, and finish all components at our Lewiston, Maine, USA facility and headquarters.

Over the past few years, Elmet has made substantial capital investments in new fabrication machinery and inspection equipment. In addition, our team has been growing rapidly, as we develop the next generation of talent and advanced techniques for specialized manufacturing processes. Our growth is backed by an experienced engineering team and several PhD metallurgists who enable us to continue expanding our capabilities, product lines, and bringing our team to new heights.

Elmet Technologies takes pride in our experience and track record as a domestic manufacturer of tungsten spheres and cubes. Our ability to deliver new, solution-driven products is unparalleled in the refractory metals industry. Elmet works closely with the DoD and Army on several critical defense projects to support the strengthening of the US tungsten industrial base.

Recently, we’ve entered high-volume production on several U.S. Department of Defense related projects. With further investments planned in 2022 and new projects developing by the day, we’re excited to share this news and continue our legacy as the global leader in 100% domestic manufactured tungsten fragmentation parts.

Curious about our growing capabilities and new projects? Reach out to our team today!

Speak to the Experts