

# TOCO6K

Blasting & Peening  
Abrasives



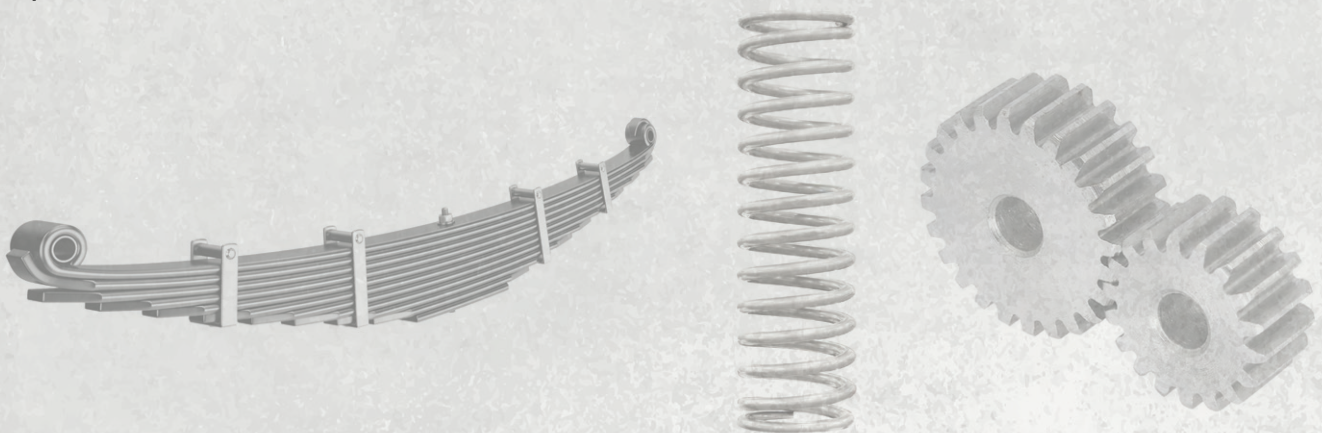
At TOCO Steels Pvt Ltd, we are excited to unveil our latest innovation: the TOCO 6K Series of Conditioned Cut Wire Shots. Designed with durability, performance and sustainability in mind, this new series significantly outperforms traditional cut wire shots while contributing to eco-friendly practices.

## Key Features of the TOCO 6K Series

- **Enhanced Durability:** The TOCO 6K Series features customized wire grades and carefully selected raw materials that significantly increase product lifespan. With an impressive running cycle of approximately 6000, our cut wire shots provide 50 - 75% more longevity compared to traditional cut wire shots, which typically last around 3000 to 3500 cycles.
- **Flexibility:** Available in various hardness and shapes, the TOCO 6K Series can be tailored to meet the specific requirements of different applications.
- **Eco-Friendly:** The extended lifespan of the TOCO 6K Series decreases production and transportation cycles, leading to a significant reduction in overall carbon emissions. By requiring fewer replacements and reducing transportation needs, we help contribute to sustainability goals. Our products also reduce waste and conserve valuable resources by enhancing longevity and reducing landfill contributions.

## Application:

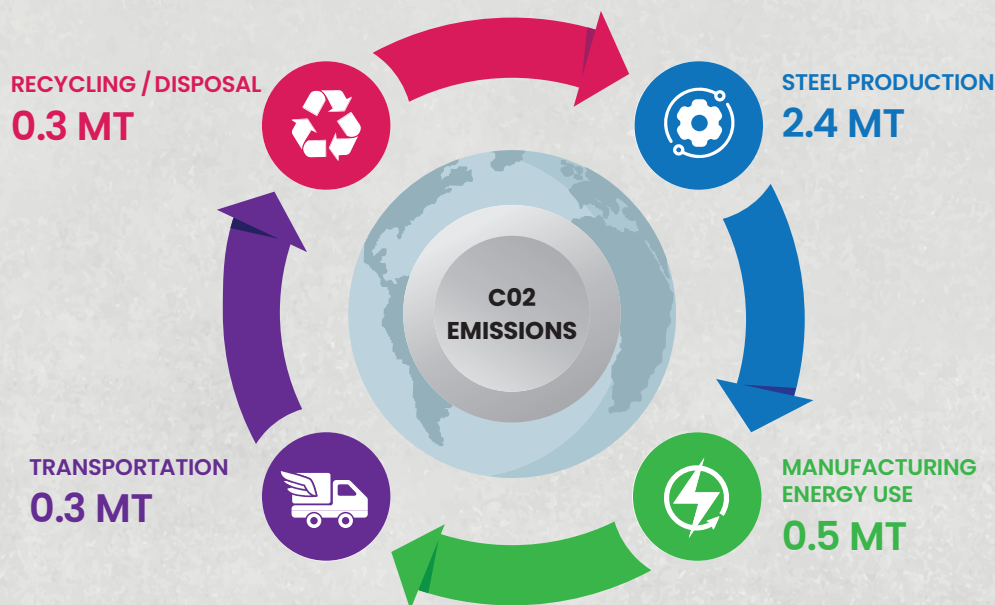
- **Shot Peening:** Ideal for enhancing the fatigue strength of components such as coil springs, leaf springs, gears, and transmission parts.
- **Shot Blasting:** Perfect for cleaning and finishing processes in castings, forgings, and other metal products.





## Benefits of using cut wire shots :

- **Cost Savings:** The increased durability of the TOCO 6K Series leads to lower consumption of cut wire shots, translating into substantial cost savings for your operations.
- **Reduced Dust:** Our advanced technology minimizes dust generation, leading to a cleaner work environment, improving air quality, and reducing exposure to harmful particles.
- **Less Wear and Tear:** The superior performance of our cut wire shots results in reduced machine wear and tear, enhancing overall equipment longevity and ensuring that machinery operates at optimal efficiency.
- **Reduced Cycle Time:** The TOCO 6K Series enables a 15-20% reduction in blasting cycle times, depending on the equipment and components. This improvement enhances operational efficiency, allowing for quicker task completion and increased productivity without compromising quality.
- **Reduced Carbon Footprint:** The extended lifespan of the TOCO 6K Series reduces the frequency of replacements, production cycles, and transportation requirements, leading to a **significant reduction in carbon emissions**. By using fewer resources and reducing waste, our products help lower the **overall environmental impact** of your operations.



## Total CO<sub>2</sub> Emissions for 1MT Steel Shots Consumption

Traditional steel shots generate 3.5 tons of CO<sub>2</sub> emissions per 1MT consumed, as they last around 2,500 cycles, leading to frequent production, transport, and recycling. Our new product, designed to last around 5,000-6000 cycles, significantly reduces the need for replacement. This extended lifespan results in a 50% reduction in carbon emissions, making our solution environmentally friendly, all while maintaining high performance and efficiency.



SPECIFICATION		
	Shot Blasting	Shot Peening
SIZE	0.40mm to 1.60 mm	0.40mm to 1.60 mm
HARDNESS	420 - 480 HV 480 - 520 HV 500 - 550 HV	560 - 630 HV 610 - 670 HV 640 - 710 HV 670 - 740 HV
SHAPE	AS-CUT CCW (G1) DCCW (G2) SCCW (G3)	AS-CUT CCW (G1) DCCW (G2) SCCW (G3)

**Manufacturing Standards:** SAE AMS2431 – SAE J441 – VDFI8001

By choosing the **TOCO 6K** Series, you're investing in a solution that not only enhances efficiency but also makes a meaningful impact on sustainability. With its longer lifespan, our product significantly reduces carbon emissions, helping lower your carbon footprint while maintaining optimal performance. Partner with **TOCO** Steels Pvt Ltd to contribute to a greener, more sustainable future, all while elevating your peening and blasting process. Together, let's drive innovation and environmental responsibility forward.



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