



**WHITE PAPER REPORT
BLASTING MEDIA THAT WON'T DAMAGE EQUIPMENT**

Equipment damage from using steel media in a blasting process has always been considered as "a necessary evil." Or so it seems. Simply put, it's caused by the relatively high hardness of the steel media repeatedly impacting the various parts of the blasting machinery. The results are substantially increased costs in the blasting process. These include:

- Cost of downtime and replacement parts to repair broken equipment
- Cost to do additional equipment maintenance
- Cost to re-adjust blast wheels more often than "normal" to ensure consistent blasting
- Cost of rejects due to mis-aimed blast wheels because of excessive wear
- Cost to replace blasting equipment sooner than expected lifespan

Any way one evaluates blasting process damage done by steel media...it is a serious issue to be addressed.

A forward-thinking business in Columbus, Ohio, USA, has developed the solution to this issue. Founded in 1970, the Transmet Corporation manufactures a Cast Zinc Blasting Shot alternative (called ZA4) that is revolutionizing the blasting industry.

When compared to steel blasting media, the substantial difference in zinc's durability (longer-lasting means less dust) and similar bulk density (blasting energy)...**without damaging the equipment or substrate** (because zinc is a softer and more ductile metal) make it a considerably more desirable alternative for doing any work on aluminum, zinc or magnesium substrates. It is also effective on some steel and iron parts depending on the application. Note also that ZA4 Cast Zinc Shot **inhibits rust, generates 80% less dust than steel media** (and its dust is recyclable) and **does not cause delamination.**

Steel Blasting Media	_____	Durability: ~ 1500-6000 Impacts before breakdown Bulk Density: ~ 280 lbs/ft ³
Stainless Media	_____	Durability: ~ 1500-9000 Impacts before breakdown Bulk Density: ~ 280 lbs/ft ³
ZA4 Cast Zinc Shot	_____	Durability: ~ 14,000 Impacts before breakdown Bulk Density: ~ 240 lbs/ft ³

*If you're **tired of watching steel media tear apart your blasting equipment and would like to see it stop...**and you'd like to see for yourself how a few of **your** pieces look after being blasted with ZA4 Cast Zinc Shot, we'll be glad to do a **free trial blast for you.** Just print, fill in and return the Free Trial Blasting Offer page below (scroll down) with your parts.*



Transmet FREE Trial Blasting Offer

To see how Transmet Special Blasting Media will work on your pieces, here's all you need to do:

1. Get 4-6 raw, **unfinished** parts (for us to work on) and 1 **finished (blasted)** part that meets your requirements (so we can see exactly what you're looking for.)
2. Print a copy of this form and fill in the blanks.
3. Enclose the completed form along with your parts **and your business card stapled as requested...**and send to:

Transmet Corp
Attn: R. Kaynes
4290 Perimeter Dr.
Columbus, OH 43218

I'll let you know I've received your parts and when to expect them back. And once you receive them back, you can judge for yourself as to how Transmet Special Blasting Media met your requirements. Then you'll be ready to start eliminating the headaches from your blasting process (and start saving bottom-line dollars, too).

TRANSMET FREE TRIAL BLASTING FORM

Part Names/Numbers _____

Part Material []Zinc []Aluminum []Other _____

Current Blasting Media _____ Current Blasting Time _____ Minutes

Blasting Machine Size _____ cu ft Blasting Machine Horsepower _____

Blasting Machine Type:

Centrifugal Wheel

[]Spinner []Hanger []Tumbler []Pass Through # of Wheels _____

Air Blast

[]Suction Blast []Pressure Blast Air Pressure _____psi

Notes: The following is IMPORTANT to us regarding these pieces: _____

Staple your business card here