



**TRANSMET
CORPORATION**

Product:

Stainless Steel Grit

OVERVIEW

Transmet High Chromium Alloyed Non-Rusting Stainless Steel Grit is **THE** alternative to Aluminum Oxide, Glass Bead, and other non-metallic abrasives.

Stainless Steel Grit utilizes its angular shape, high hardness, and high bulk density to deliver more energy to the parts being cleaned.

Resulting surface profile is consistent, bright, and without ferrous contamination.

Stainless Steel Grit is proven to be more durable and resistant to fracture than other abrasive. This durability advantage will be reflected in the overall cost of the shot blasting process.

SSG

DURABILITY

**CLEANING
SPEED**

vs Aluminum Oxide

30 : 1

1 : 1

vs Glass Bead

50 : 1

2 : 1

vs Garnet

60 : 1

1 : 1

PRODUCT CHART

PRODUCT NAME	SAE EQUIVALENT	SIZE RANGE [mm]	RA SURFACE PROFILE	HARDNESS [HRC]	BULK DENSITY
SSG-150	G 80	0.125-0.425	6	58	225lb/ft ³
SSG-250	G 50	0.180-0.710	10	58	225lb/ft ³
SSG-425	G 40	0.300-1.00	15	58	225lb/ft ³



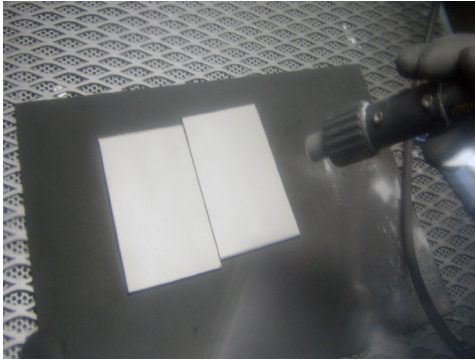
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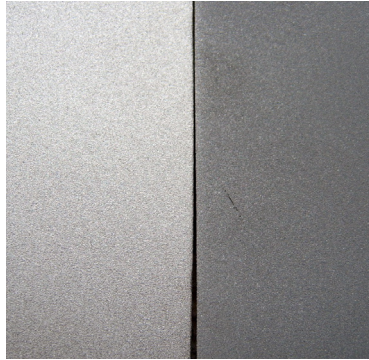
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OPERATOR VISIBILITY

STAINLESS STEEL GRIT VS ALUMINUM OXIDE



SS GRIT 4 MINUTES



AL OXIDE 40 SECONDS

APPLICATIONS FOR STAINLESS STEEL GRIT

SURFACE FINISHING OF NON-FERROUS COMPONENTS

SURFACE PREPARATION PRIOR TO PAINT OR COATING

REMOVAL OF CERAMIC FROM INVESTMENT CASTINGS

DESCALING OF NON-FERROUS HEAT TREAT PARTS

CLEANING AND DEBLUING OF WELDED JOINTS

ETCHING OF PLASTIC COMPONENTS PRIOR TO BONDING

ANCHOR PROFILING FOR PAINT AND POWDER COAT ADHESION

BETTER BLASTING

Stainless Steel Grit can be used in existing air blast and centrifugal wheel machines.

Cost savings are due to long abrasive life, faster cleaning time, improved operator visibility, and reduced waste disposal costs.

PACKAGING

Easy-to-handle 55 lb (25 kg) bags are standard.

Most sizes in stock and available for quick shipment.

FREE TESTING

Transmet has in-house blast equipment used for evaluation of grit on customer-supplied parts.

Send Transmet your parts to see the resulting finishes from Stainless Steel Grit.



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