



Stainless Steel Grit











<i>Finishing</i>	<i>Cleaning /Removal</i>	<i>Peening</i>	<i>Surface Profile (Etch)</i>	<i>Working Speed</i>	<i>Recyclability</i>	<i>Probability of Metal Removal</i>	<i>Hardness MOH Scale</i>	<i>Bulk Density (lb/cu ft)</i>	<i>Mesh Size</i>	<i>Typical Blast Pressure</i>	<i>Shape</i>
Yes	Yes	No	Yes	M-High	V-High	Med	62	290	8-200	40-90	◇

Grittal® is a high quality, **non-rusting cast stainless steel grit**, which has been specially hardened and crushed. **Grittal®** is a very aggressive media, with a hardness of 62HRC (750 HV). Its non-rusting characteristics, high durability and excellent performance make it an ideal alternative to Aluminum Oxide, garnet and other angular mineral grit abrasives used in surface prep and other applications.

Grittal® can also provide temporary rust protection on blasted ferrous surfaces, thereby offering an excellent alternative to mild steel grit. It has demonstrated that it can reduce overall blasting costs through the exceptional performance levels, durability and reduced wear on nozzles and associated air blast system components. Users of **Grittal®** are able to maintain a stable blasting process when compared to using mineral grit abrasive.

Also, **Grittal®** is **virtually dust free**, which improves visibility in air blast systems and leads to shorter blasting times with significantly less waste.

In addition to the typical air blast applications, **Grittal®** opens the door to use in centrifugal wheel machines, thereby reducing or eliminating high compressed air costs. For example, large increases in blasting efficiency can be realized in the investment casting

GRITTAL	Shot in mm.	Mesh Size	SAE Equivalent
 G10	.05-0.2	170-100	-----
 G20	0.1-0.3	100-70	G-120
 G30	0.14-0.5	70-40	G-80
 G40	0.4-0.8	40-25	G-50
 G50	0.6-1.0	30-20	G-40
 G60	0.7-1.25	25-18	G-25
 G100	1.00-1.40	18-16	G-18
 G150	1.25-1.7	16-14	G-16
 G200	1.4-2.0	14-12	G-14
 G300	1.7-3.0	10-8	G-12/10