






**NATIONAL
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EXPORT QUALITY STEEL GRIT

Steel grit is mainly used for surface preparation or cleaning metal surfaces that are covered with mill scale, dirt, and rust, and for physical modification of the metal surface, like creating roughness for better application of paint and coating. These are harder than steel shots and are also available in different sizes and hardnesses. Our export quality Steel grit is manufactured in conformity with standards IS-4606/1983, SAE-j827, BSS, and DIN. Various standard sizes of export-quality steel grit are available as ready stock at our offices. This type of blast media is best used for the surface preparation of ferrous and nonferrous components that are made from forging, die forging, stamping, rolling, heat treatment, etc. These grains are obtained by crushing steel shots. They exhibit sharp edges and broken and best sections for cleaning applications for the removal of loose material stuck to the surface of the component(s), rust removal, and paint coatings from metal surfaces. Steel grit is characterised by grains with a predominantly angular shape, best for roughening and deburring the component surface. Steel grit can be used for cutting hard stones and also in large multi-blade frames, which are used to cut the blocks of granite stone into thin slices.



Specification As Per Is 4606 of 1983 Chemical Composition:

Carbon	0.6 - 1.25 %
Silicon	0.2 - 1.1 %
Manganese	1.25 % Max
Sulphur	0.08 Max
Phosphorous	0.08 Max
Shape	Angular
Density	7 gm/ ml min. contains hollow shots of 10% max
Hardness	400 - 500 HV
Micro Structure	Tempered Martensite

AVAILABLE IN VARIOUS STANDARD SIZES

Our steel grit is available in various sizes such as approximately 0.18 to 1.7 mm.






MANUFACTURERS, EXPORTERS AND DISTRIBUTORS OF:

BLAST ROOM ENCLOSURES, AIRLESS AND AIR OPERATED BLASTING MACHINES, INDUSTRIAL DUST COLLECTORS, PAINTING EQUIPMENT AND BOOTHS, COMPLETE RANGE OF BLAST MEDIA, ABRASIVE GRIT, SHOT, SPARES AND CONSUMABLES - AVAILABLE READY STOCK



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SALIENT FEATURES

- Steel grits are manufactured in conformity with standards IS-4606/1983, SAE-j827, BSS, and DIN.
- Steel grit is characterised by grains with a predominantly angular shape.
- These grains are obtained by crushing steel shots.
- They exhibit sharp edges and broken sections.
- These are harder than steel shots and are also available in different sizes & hardness.

EXPORT QUALITY STEEL GRIT

NE SIZE CHART	SAE NUMBER	SIZE IN MM	2.80 MM	2.40 MM	2.00 MM	1.70 MM	1.40 MM	1.18 MM	1.00 MM	0.850 MM	0.710 MM	0.600 MM	0.500 MM	0.425 MM	0.355 MM	0.180 MM	0.125 MM
G - 0	G - 80	0.180												Allpass		65% Min	76% Min
G - 1	G - 50	0.300									Allpass				65% Min	75% Min	
G - 2	G - 40	0.425							Allpass					70% Min	80% Min		
G - 4	G - 25	0.710						Allpass			70% Min			80% Min			
G - 6	G - 18	1.00					Allpass		75% Min	85% Min							
G - 7	G - 16	1.18				Allpass		95% Max	85% Max								
G - 8	G - 14	1.40			Allpass		80% Max	90% Min									
G - 9	G - 12	1.70		Allpass		80% Min	90% Min										
G - 10	G - 10	2.00	Allpass		80% Min	90% Min											
Retension on Sieve Size			2.80 MM	2.40 MM	2.00 MM	1.70 MM	1.40 MM	1.18 MM	1.00 MM	0.850 MM	0.710 MM	0.600 MM	0.500 MM	0.425 MM	0.355 MM	0.180 MM	0.125 MM

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