



SUNTECH INDUSTRIES

High Performance
Steel Shot & Steel Grit for
Industrial Surface Preparation

Steel Shots

Spherical steel abrasive media used for surface cleaning, shot peening, and finishing applications requiring uniform impact and durability.

S780, S660, S550, S460, S390, S330, S280, S230, S170, S110, S070

Steel Shots Size Chart

Sieve #	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120
mm	2.8	2.36	2.0	1.7	1.4	1.18	1.0	0.85	0.71	0.6	0.5	0.42	0.355	0.3	0.18	0.125
S780	AP		>85	>97												
S660		AP		>85	>97											
S550			AP		>85	>97										
S460			AP	>5		>85	>96									
S390				AP	>5		>85	>96								
S330					AP	>5		>85	>96							
S280						AP	>5		>85	>96						
S230							AP	>10		>85	>97					
S170								AP	>10			>85	>97			
S110										AP	>10			>80	>90	
S070												AP	>10		>80	>90

Values given in cumulated weight % / Cast Shot SAE Specifications J 444

Specifications

	Steel Shot	Steel Grit GP	Steel Grit GL	Steel Grit GH
Shape	Round	Angular		
Chemical Composition	C 0.8%-1.2% Si 0.4% min Mn 0.6%-1.2% S 0.05% max P 0.05% max			
Hardness	Shots: 390-530 HV (40-51 HRC) 540-610 HV (52-56 HRC) 620-700 HV (56-60 HRC)		Grit: GP: 40-51 HRC GL: 54-61 HRC GH: > 60 HRC	
Density	Absolute Density > 7.2 g/cm³		Bulk Density > 4.2 g/cm³	
Microstructure x500	Tempered martensite			
Applicable Specifications	SAE J444, SAE J827, SAE J1993, SSPC-AB3, ISO 11124-3, IS 4606-1983			

Steel Grit

Angular steel abrasive media ideal for aggressive cleaning, surface profiling, and removal of heavy rust, scale, and coatings.

G10, G12, G14, G16, G18, G25, G40, G50, G80, G120



Steel Grit Size Chart

Sieve #	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
mm	2.8	2.36	2.0	1.7	1.4	1.18	1.0	0.85	0.71	0.6	0.5	0.42	0.35	0.3	0.18	0.12	0.07
G10	AP		>80	>90													
G12		AP		>80	>90												
G14			AP		>80	>90											
G16				AP		>75	>85										
G18					AP		>75		>85								
G25						AP			>70			>80					
G40							AP					>70		>80			
G50									AP					>65	>75		
G80												AP			>65	>75	
G120														AP		>60	>70

Values given in cumulated weight % / Cast Grit SAE Specifications J 444

GP Grit

GP hardness grit typically used in cleaning and descaling operations, it rounds up rapidly after few working cycles for an optimum balance between cleaning efficiency and machine wear.

GL Grit

GL hardness grit typically used in surface preparation and descaling operations, its sharp edges get progressively smoothened during service, leading to higher efficiency than GP grit.

GH Grit

GH hardness grit typically used in air-blasting operations, it keeps its sharp edges along its whole service life, ensuring sharp surface profiles and uniform, etched surface finish.



About Suntech Industries

We, Suntech Industries are one of the leading manufacturers of metal abrasive in India which integrates with technical research, development and production. The company can produce high strength strong durability steel shots & steel grits. These are highly useful in various de-burring application like to clean foundry casting, forging, automative components, surface polishing, shot peening, spiral springs, steel torsion springs, shipbuilding & airless wheel blast machine. We are advanced with highly advanced technology & equipments.

Who we serve



Metal Casting Foundries Manufacturers

Flawless finishing & defect-free casting



Metal Forging Facilities

High-impact cleaning for superior metal integrity



Pre-Fabricated Buildings & Structural Systems

Reliable surface prep for enhanced coating adhesion.



Automotive Manufacturing

Precision abrasives for high-quality finishing.



Ship Construction & Heavy Industrial Engineering

Durable abrasives for large-scale industrial applications.



Energy & Renewables

High precision and strength inducing peening and blasting.

1000+
Customers

15+
Years

6000 T
Annual Capacity

QUALITY
Assurance

Certifications



SUNTECH INDUSTRIES Mfg: Steel Shots & Steel Grits

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