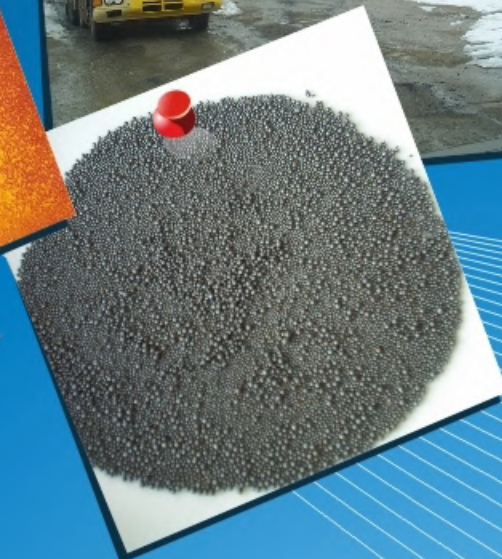
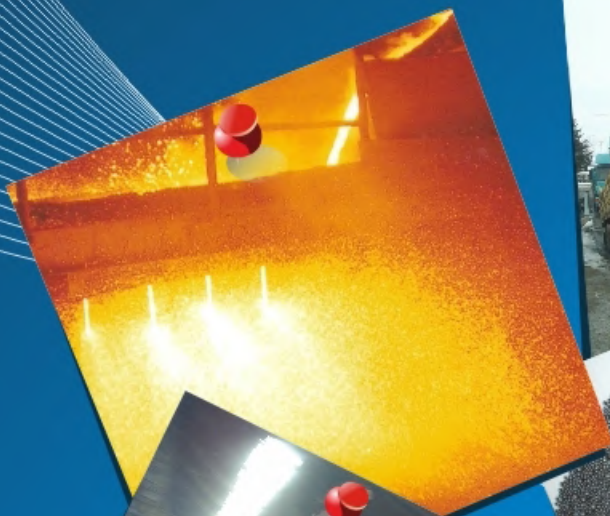


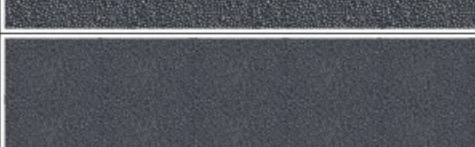
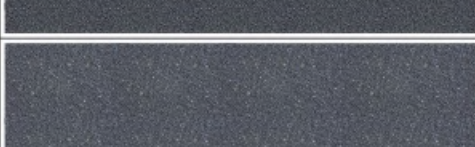
BÜNSA

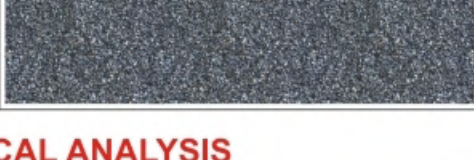
steel shot and grit...

steel shot and grit...

steel shot and grit...



SAE NO.	Actual size	Nomi. size mm	Tolerances	Screen number	mm
S - 780		2.00	All pass no.	7 screen	2.80
			85% Min. on no.	10 screen	2.00
			97% Min. on no.	12 screen	1.70
S - 660		1.68	All pass no.	8 screen	2.36
			85% Min. on no.	12 screen	1.70
			97% Min. on no.	14 screen	1.40
S - 550		1.41	All pass no.	10 screen	2.00
			85% Min. on no.	14 screen	1.40
			97% Min. on no.	16 screen	1.18
S - 460		1.19	All pass no.	10 screen	2.00
			5 % Max. on no.	12 screen	1.70
			85 % Min. on no.	16 screen	1.18
			96 % Min. on no.	18 screen	1.00
S - 390		1.00	All pass no.	12 screen	1.70
			5 % Max. on no.	14 screen	1.40
			85% Min. on no.	18 screen	1.00
			96% Min. on no.	20 screen	0.85
S - 330		0.84	All pass no.	14 screen	1.40
			5 % Max. on no.	16 screen	1.18
			85% Min. on no.	20 screen	0.85
			96% Min. on no.	25 screen	0.71
S - 280		0.71	All pass no.	16 screen	1.18
			5 % Max. on no.	18 screen	1.00
			85% Min. on no.	25 screen	0.71
			96% Min. on no.	30 screen	0.60
S - 230		0.60	All pass no.	18 screen	1.00
			10% Max. on no.	20 screen	0.85
			85% Min. on no.	30 screen	0.60
			97% Min. on no.	35 screen	0.50
S - 170		0.42	All pass no.	20 screen	0.85
			10% Max. on no.	25 screen	0.71
			85% Min. on no.	40 screen	0.43
			97% Min. on no.	45 screen	0.36
S - 110		0.30	All pass no.	30 screen	0.60
			10% Max. on no.	35 screen	0.50
			80% Min. on no.	50 screen	0.30
			90% Min. on no.	80 screen	0.18
S - 70		0.20	All pass no.	40 screen	0.43
			10% Max. on no.	45 screen	0.36
			80% Min. on no.	80 screen	0.18
			90% Min. on no.	120 screen	0.13

SAE NO.	Actual size	Nomi. size mm	Tolerances	Screen number	mm
G - 12		1.70	All pass no. 80% Min. on no. 90% Min. on no.	8 screen 2.36 12 screen 1.70 14 screen 1.40	
G - 14		1.41	All pass no. 80% Min. on no. 90% Min. on no.	10 screen 2.00 14 screen 1.40 16 screen 1.18	
G - 16		1.19	All pass no. 75% Min. on no. 85% Min. on no.	12 screen 1.70 16 screen 1.18 18 screen 1.00	
G - 18		1.00	All pass no. 75% Min. on no. 85% Min. on no.	14 screen 1.40 18 screen 1.00 25 screen 0.71	
G - 25		0.71	All pass no. 70% Min. on no. 80% Min. on no.	16 screen 1.18 25 screen 0.71 40 screen 0.43	
G - 40		0.42	All pass no. 70% Min. on no. 80% Min. on no.	18 screen 1.00 40 screen 0.43 50 screen 0.30	
G - 50		0.30	All pass no. 65% Min. on no. 75% Min. on no.	25 screen 0.71 50 screen 0.30 80 screen 0.18	
G - 80		0.20	All pass no. 65% Min. on no. 75% Min. on no.	40 screen 0.43 80 screen 0.18 120 screen 0.13	

CHEMICAL ANALYSIS

Carbon : 0.85 - 1.20 %
Manganese : 0.60 - 1.20 %
Silicon : 0.40 % min.

Sulfur : 0.05 % max.
Phosphorus : 0.05 % max.

TECHNICAL SPECIFICATIONS

SHOT

Micro Structure : Tempered Martensite
Density : 7.2 gr / cm³ min.
Hardness : 40 - 52 HRC

GRIT

Tempered / Uniform Martensite
7.2 gr / cm³ min.
G 45-50 HRC / GL 53-58 HRC
GP 56-61 HRC / GH 62 HRC Min

PURPOSES OF CONSUMING MARTENSITIC STEEL SHOT & STEEL GRIT	SHOT												GRIT							
	S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110	S-70	3-6mm	G-12	G-14	G-16	G-18	G-25	G-40	G-50	G-80
Cleaning of large steel, grey and ductile iron castings	X	X																		
Cleaning of medium steel, grey and ductile iron castings		X	X	X	X	X														
Cleaning of radiator and bath - tub castings before painting and anemeling		X	X	X	X															
Cleaning od rods, bars and pipes in high quality steel production				X	X	X														
Surface cleaning before, galvanizing in LPG containers production		X		X	X	X	X													
Treatment of increasing the endurance of spring production (Shot-peening)				X	X	X	X													
Cleaning before galvanizing in fittings production					X	X	X													
Cleaning before coating in tool production							X	X	X					X	X					
Ship-building industry, production of boiler			X	X	X	X														
Cleaning of non-ferrous castings							X	X	X	X	X									
Production of stainless steel								X	X	X										
Cleaning of recuperators												X								
Production of containers							X	X									X	X		
Cleaning of LPG containers, removal of coatings and paint								X					X							
Process of granite cutting																				
Removal of enamel													X	X						
Suface roughening before enameling														X	X	X				
Surface roughening before painting																				
Cleaning before coating in pipe production									X	X					X	X				
Cleaning before coating in pipe lines of waterdams																X	X			
Cleaning before painting in ship-building industry																X	X	X	X	
Cleaning before painting in iron plates																X	X			
Investment castings																			X	
Surface treatment of thin iron plates before coating/painting																			X	X

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