



Steel Shot:

The Major Technological Index:

Products		Steel Shot
Chemical Composition	C	0.70~1.20%
	Mn	0.35~1.20%
	Si	0.40~1.20%
	S	≤0.05%
	P	≤0.05%
Microhardness		Normal:40~50HRC (377~509HV) Special:52~56HRC (543~620HV) Special:56~60HRC (620~713HV)
Hardness Deviation		Max Deviation ±3.0HRC
Microstructure		Tempered Martensite or Sorbite
Density		7.4g/cm ³

Distribution of Steel Shot:

mesh	mm	铸钢丸规格 mm Specification of Steel Shot mm										
		SS-2.5	SS-2.0	SS-1.7	SS-1.4	SS-1.2	SS-1.0	SS-0.8	SS-0.6	SS-0.5	SS-0.3	SS-0.2
7	2.80	all pass										
8	2.36		all pass									
10	2.00	85%min		all pass	all pass							
12	1.70	97%min	85%min		5%max	all pass						
14	1.40		97%min	85%min		5%max	all pass					
16	1.18			97%min	85%min		5%max	all pass				
18	1.00				96%min	85%min		5%max	all pass			
20	0.850					96%min	85%min		10%max	all pass		
25	0.710						96%min	85%min		10%max		
30	0.600							96%min	85%min		all pass	
35	0.500								97%min	85%min	10%max	
40	0.425									97%min		all pass
45	0.355										80%min	10%max
50	0.300										90%min	
80	0.180											80%min
120	0.125											90%min
200	0.075											
325	0.045											
SAE J444		S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110	S-70



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SAE	G-10	G-12	G-14	G-16	G-18	G-25	G-40	G-50	G-80	G-120
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Shandong Kaitai Group Co., Ltd has some subsidiary companys, (1.Shandong Kaitai Industrial Technologies Co.,Ltd, 2.Shandong Kaitai shot-blasting Machinery Co.,Ltd, 3.Shandong Kaitai New material Co.,Ltd)

Shandong Kaitai Industrial Technologies Co.,Ltd is the biggest manufacture of metal abrasive in china. Our main products are:

steel shot :S930,S780, S660, S550, S460, S390, S330, S280 ,S230,S170,S110,S70

steel grit:G10,G12,G14, G16,G18,G25,G40,G50,G80,G120

steel cut wire shot :CW1.0, CW1.5, CW2.0

stainless steel shot and stainless steel cut wire shot:

Sus304,Sus301,Sus202,Sus205,Sus430,Sus410.

(S0.2,S0.3,S0.4,S0.6,S0.8,S1.0, S1.2,S1.4).

Aluminum shot, copper shot, zinc shot.

Operative Standards:

Our products have met international standard of SAE J444 and have established the quality controlling system of ISO9001. In accordance with standards of SFSA20-66 Cast Steel Abrasive ,SAE J827 Cast Steel Shot .SAE J1993 High Carbon Steel Grit .YB/T 5149-1993 Cast Steel Shot , YB/T 5150-1993 Cast Steel Grit, ISO11124-3 High Carbon Cast Steel Shot and Grit.

Application :

Blast cleaning of cast steel shot: Used for blast cleaning of casting, die-casting, forging, sand removal of casting, steel plate, H type steel, steel structure.

Rust removal of cast steel shot: Rust removal of casting, forging, steel plate, H type steel, steel structure, descaling of forging.

Shot peening of cast steel shot: Shot peening of gear, heat treatment.

Shot blasting of cast steel shot: Shot blasting of profile steel, ship board, steel board, steel material.

Shot blasting of cast steel shot: Shot blasting of steel board, profile steel, steel structure.



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Pre-treatment of cast steel shot: Pre-treatment of surface, steel board, profile steel, steel structure, before-painting..

Application Devices:

Steel shot mainly used for the following equipment including rotary barrel shot blasting machine, chain type shot blasting machine, pedrail type shot blasting machine, pass through shot blasting machine, table type shot blasting machine, Pendent-chain & Pile-type Shot Blasting Machine, trolley type shot blasting machine, abrator, abrator equipment, shot peening machine, shot peening equipment, sandblasting machine, sandblasting equipments, steel material pretreatment production line, steel plate pretreatment production line, steel structure pretreatment production line.

Meanwhile, our products have exported to more than 40 countries and regions and have gained good comments from domestic and abroad.