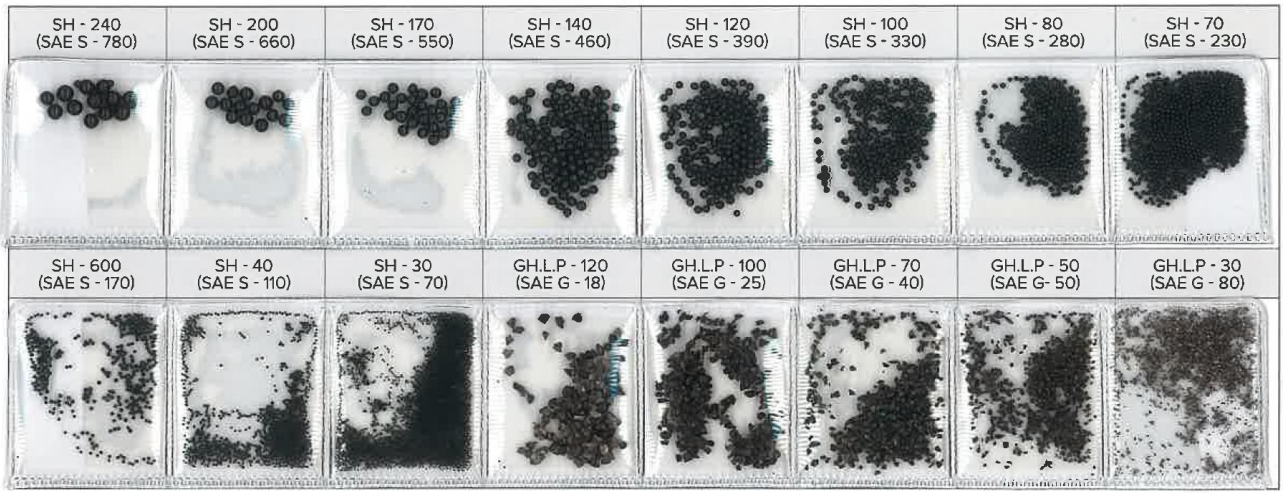
Application of Steel Shot & Steel Grit

STEEL SHOT	STEEL GRIT	Application
SH - 240 SH - 200	G - 240 G - 200	Removal of sand or scale from large sized Castings and Forging, Cast Iron pipe, Steel and heat treatment products
SH - 170 SH - 140	G - 170 G - 140	Removal of sand or scale from large/medium sized Castings and Forging, Blasting of steel billet, Steel plate and heat treatment products
SH - 120 SH - 100	G - 120 G - 100	Removal of sand or scale from medium/small sized Castings and Forging, Blasting of heat treatment products, chain, steel plate, section steel, billet and structural steel
SH - 80 SH - 70	G - 100 G - 70	Removal of sand or scale from small sized Castings and Forgings. Blasting of steel pipe and steel plate. Shot Peening, Preprocessing of plate
SH - 60 SH - 40	G - 50 G - 30	Removal of sand or scale from copper alloyed castings. Blasting of thin plate and stainless plate

Classification	Hardness (HRc)	Application
SH	40~51	Descaling and Desanding of Castings & Forgings
GP	40~51	Descaling and Desanding of Castings & Forgings
GL	54~60	Etching, Descaling for scratch detection
GH	64~69	Roll Etching Process, Surface preparation for coating or plating

Steel Shot & Grit Sample



Granular Distribution

Steel Shot

SUNGHO		SH-240	SH-200	SH-170	SH-140	SH-120	SH-100	SH-80	SH-70	SH-60	SH-40	SH-30
KS.JIS		S 240	S 200	S 170	S 140	S 120	S 100	S 80	S 70	S 60	S 40	S 30
SAE		S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110	S-70
No	mm	2.40	2.00	1.70	1.40	1.20	1.00	0.80	0.70	0.60	0.40	0.30
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	0.85					96% min	85% min		10% max	All pass		
25	0.71						96% min	85% min		10% max		
30	0.600							95% min	85% min		All pass	
35	0.500								97% min		10% max	
40	0.425									85% min		All pass
45	0.355									97% min		10% max
50	0.300										80% min	
80	0.180										90% min	80% min
120	0.125											90% min

Steel Grit

SUNGHO		G-240	G-200	G-170	G-140	G-120	G-100	G-70	G-50	G-30
KS.JIS		G 240	G 200	G 170	G 140	G 120	G 100	G 70	G 50	G 30
SAE		G-10	G-12	G-14	G-16	G-18	G-25	G-40	G-50	G-80
No	mm	2.40	2.00	1.70	1.40	1.20	1.00	0.70	0.50	0.30
7	2.80	All pass								
8	2.36		All pass							
10	2.00	80% min		All pass						
12	1.70	90% min	80% min		All pass					
14	1.40		90% min	80% min		All pass				
16	1.18			90% min	75% min		All pass			
18	1.00				90% min	75% min		All pass		
20	0.85									
25	0.71					85% min	70% min		All pass	
30	0.600									
35	0.500									
40	0.425						80% min	70% min		All pass
45	0.355									
50	0.300							80% min	65% min	
80	0.180								75% min	65% min
120	0.125									75% min