

STEEL SHOT


Steel Shot is a solid round particle causing a peening action and producing a smooth surface. Its heavy weight gives greater impact and hammering action for cleaning heavy forgings and removing heat treating scale.

In peening action, shot is used to impart compressive strength of critical metal parts. This technique is widely used in the manufacturing of aircraft and ground vehicles to strengthen critical parts such as crankshafts, engine turbine blades and heavy-duty springs.



It is widely used in blast rooms and airless wheel blasters for cleaning, polishing and finishing various metal parts.

Working speed	MEDIUM
Recyclability	VERY-HIGH
Probability of metal removal	VERY-LOW
Hardness, Mohs scale (Rockwell RC)	6-7.5 (20-66)

Bulk Density (lb/cu.ft.)	230
Mesh Size	8-200
Typical Blast Pressure (psi)	30-90
Shape	

ADVANTAGES

- Long lasting media
- Produces low dust
- Can be recycled many times
- Very aggressive media
- End result is smooth and polished surface

APPLICATIONS

- Surface polishing and finishing
- Shot peening resulting in mechanical properties enhancement for metal parts
- Shot blast cleaning

STEEL SHOT

GRADES AVAILABLE

CODE	SIEVE OPENING(mm)	APPLICATIONS
ASS-S110-50	0.18	Blasting of relatively small ferrous and non-ferrous castings. Removal of light scale from foreign and heat-treated parts. Blasting of machined parts. Removal of mill scale, rust and other deposits.
ASS-S170-50	0.35	
ASS-S230-50	0.50	Blasting of grey cast iron, malleable iron, light steel castings, medium forgings, heat-treated parts and heavy mill scale - rust and other deposits.
ASS-S280-50	0.60	
ASS-S330-50	0.71	
ASS-S390-50	0.85	Blasting of steel, heavy malleable iron and gray iron castings. Removal of scale from large billets, slabs - rust and other deposits.
ASS-S460-50	1.00	

PACKAGING



Bag = 55 lb



Skid = 40 bags



Drum = 1,700 lb