

Steel Casted Shots Specification

ABRASIVE FOR BLAST CLEANING & FINISHING'
STEEL SHOTS

A) STEEL SHOTS: REF: IS: 4606 - 1983

Hardness: 400 - 500 HV Density: 7g / ml Min.

Chemical Composition:

Carbon: 0.6 to 1.25%

Silicon : 0.2 to 1.1

Manganese: 1.25% Max

Sulphur: 0.08% Max.

Phosphorus: 0.08% Max.

S. NO	I.S. SHOT NO.	IS SIEVE APERTURE MM	RETENTION MIN. BY WEIGHT	OVERALL SIZE RANGE, MM	EQUIVALENT SAE NO. (BS MESH)
1.	S-S 2000	2.00	85 %	1.40 - 2.80	S-780 (8)
2.	S-S 1700	1.70	85 %	1.18 - 2.36	S-660 (10)
3.	S-S 1400	1.40	85 %	1.00 - 2.00	S-550 (12)
4.	S-S 1180	1.18	80 %	0.850 - 2.00	S-460 (14)
5.	S-S 1000	1.00	80 %	0.710 - 1.70	S-390 (16)
6.	S-S 850	0.850	80 %	0.600 - 1.40	S-330 (18)
7.	S-S 710	0.710	80 %	0.500 - 1.18	S-280 (22)
8.	S-S 600	0.600	75 %	0.500 - 1.00.	S-230 (25)
9.	S-S 425	0.425	75 %	0.300 - 0.850	S-170 (36)

B) STEEL SHOTS (Special Grade)

Hardness: 400 - 500 HV Density: 7 g / ml Min.

Chemical Composition:

Carbon: 0.6 to 1.25%

Silicon: 0.2 to 1.1%

Manganese: 1.25% Max.

Sulphur: 0.08% Max.

Phosphorus: 0.08% Max.

S. NO	I.S. SHOT NO.	IS SIEVE APERTURE MM	RETENTION MIN. BY WEIGHT	OVERALL SIZE RANGE, MM	EQUIVALENT SAE NO. (BS MESH)
1.	-	0.300	75 %	0.180 - 0.600	S-110 (52)

Note: We supply Standard packing of 25 Kg per Bag