

STEELSHOT ROUND HC - GS



High Carbon Steelshot is produced by a melting process and subsequently reshaped into spherical grain particles. Due to the hardness of the new grain, high cleaning intensity is achieved from the start.

APPLICATIONS

- Reusable abrasive
- Descaling, sand removal
- Paint stripping
- Shot peening

BLASTING SYSTEMS

- Pressure blast systems
- Airless blast-cleaning equipment

Typical physical properties

Hardness	50-52 HRC (390-535 HV)
Grain shape	spherical
Melting point	approx. 1535°C
Density	approx. 7,0 g/cm ³
Bulk density (depending on granular size)	approx. 4,0 - 4,6 g/cm ³
Microstructure	martensitic

Typical chemical analysis

C	0,80 - 1,20 %
Mn	0,35 - 1,20 %
Si	0,40 - 1,50 %
S	max. 0,05 %
P	max. 0,05 %
Fe	Remainder

Packaging

- 25 kg bags on pallet up to 1 ton
- 1 ton loose in big bag

Available sizes

	Average grain size (mm)
S 070	0,2 - 0,4
S 110	0,3 - 0,6
S 170	0,4 - 0,7
S 230	0,6 - 0,9
S 280	0,7 - 1,0
S 330	0,9 - 1,2
S 390	1,0 - 1,4
S 460	1,2 - 1,7
S 550	1,4 - 2,0
S 660	1,7 - 2,4
S 780	2,0 - 2,4
S 930	2,0 - 2,8

Other grain sizes can be produced if required

