

## Datasheet | Abrasives

# STAINLESS STEEL SHOT (CrNi)

### GENERAL INFORMATION

<b>Abrasive</b>	Stainless steel shot (CrNi)
<b>Shape</b>	Round

### SIZES

<b>S 10</b>	0.05 – 0.20 mm   0.002" – 0.008"	<b>S 60</b>	0.70 – 1.25 mm   0.028" – 0.049"
<b>S 20</b>	0.09 – 0.32 mm   0.004" – 0.013"	<b>S 100</b>	1.00 – 1.40 mm   0.039" – 0.055"
<b>S 30</b>	0.14 – 0.50 mm   0.006" – 0.020"	<b>S 150</b>	1.25 – 1.70 mm   0.049" – 0.067"
<b>S 40</b>	0.40 – 0.80 mm   0.016" – 0.032"	<b>S 200</b>	1.40 – 2.00 mm   0.055" – 0.079"
<b>S 50</b>	0.60 – 1.00 mm   0.024" – 0.039"	<b>S 300</b>	1.70 – 3.00 mm   0.070" – 0.118"

### PHYSICAL PROPERTIES

<b>Hardness new material</b>	ca. 30 HRC (300 HV1)
<b>Hardness operation mix</b>	ca. 47 HRC (475 HV1)
<b>Specific weight</b>	min. 7.8 g/cm <sup>3</sup>
<b>Bulk weight</b>	ca. 4.7 kg/l
<b>Microstructure</b>	Austenite

### APPLICATIONS

Structural blasting	Desanding
Deburring	Descaling

### CHEMICAL COMPOSITION

<b>C</b>	ca. 0.17%	<b>Cr</b>	ca. 18%
<b>Si</b>	ca. 1.80%	<b>Ni</b>	ca. 10%
<b>Mn</b>	ca. 1.20%		

### MODE OF USE

Reusable blasting medium

### SHOT BLASTING SYSTEMS

Blasting wheel and compressed air

### CERTIFICATIONS & SYSTEM APPROVAL

<b>Standards</b>	Works standard
<b>Certifications</b>	ISO 9001



Subject to change without notice. All specification are only a general description of our products. For detailed information please ask for our product leaflets.

### INFO

Stainless steel shot is a round chrome-nickel stainless steel abrasive medium. It is produced by melting and alloying of steel scrap in an induction furnace and atomizing by means of water jet. Due to its austenitic microstructure it is characterized by long service life.

### PACKAGING



#### Bags

25 kg (55 lbs)

500 kg (1,102 lbs)

per pallet (= 20 bags)



#### Big Bag

1,000 kg

(2,205 lbs)



#### Drum

750 kg

(1,653 lbs)

### STORAGE



**Keep  
Dry**