

## Datasheet | Abrasives

# PEENOX® CS

## CARBON STEEL CUT WIRE SHOT FOLLOWING VDFI

### GENERAL INFORMATION

<b>Abrasive</b>	Carbon steel cut wire shot
<b>Shape</b>	Conditioned

### SIZES

0.30 mm   0.012"	0.50 mm   0.020"	0.80 mm   0.032"	1.20 mm   0.047"
0.35 mm   0.014"	0.60 mm   0.023"	0.90 mm   0.035"	
0.40 mm   0.017"	0.70 mm   0.028"	1.00 mm   0.041"	

### PHYSICAL PROPERTIES

<b>Hardness</b>	610 – 670 HV1 (56 – 59 HRC)
	640 – 700 HV1 (57 – 60 HRC)
	670 – 730 HV1 (59 – 61 HRC)
<b>Specific weight</b>	ca. 7.8 g/cm³
<b>Bulk weight</b>	ca. 4.6 kg/l

### GRADES

<b>G1</b> Conditioned (ccw)	<b>G3</b> Spherically conditioned (scw)
<b>G2</b> Double conditioned (dccw)	

### APPLICATIONS

Shot peening and peen forming

### CHEMICAL COMPOSITION

<b>C</b>	0.70 – 0.78 % (610 – 670 HV1)	<b>Si</b>	0.10 – 0.30 %
	0.70 – 0.78 % (640 – 700 HV1)	<b>Mn</b>	0.50 – 0.80 %
	0.80 – 0.88 % (670 – 730 HV1)	<b>S, P</b>	max. 0.030 %

### MODE OF USE

Reusable blasting medium

### SHOT BLASTING SYSTEMS

Blasting wheel and compressed air

### CERTIFICATIONS & SYSTEM APPROVAL

<b>Standards</b>	VDFI 8001, (DIN 8201-4)
<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

Cylindrical carbon steel cut wire shot for shot peening is a precision tool. It is made from carbon steel wire of selected diameter and tensile strength by means of special cutting machines. It is the preliminary stage of conditioned cut wire pellets and fulfils the specification VDFI 8001 of the "Verband der Deutschen Federnindustrie e.V.".

### PACKAGING



#### Bags

25 kg (55 lbs)  
1,000 kg (2,205 lbs)  
per pallet (= 40 bags)



#### Big Bag

1,000 kg  
(2,205 lbs)



#### Drum

907 kg  
(2,000 lbs)



**Keep Dry**

### STORAGE