

## Datasheet | Abrasives

# STAINLESS STEEL CUT WIRE SHOT FOLLOWING DIN 8201-4

### GENERAL INFORMATION

<b>Abrasive</b>	Stainless steel cut wire shot
<b>Shape</b>	Cylindrical or conditioned

### SIZES

0.30 mm   0.012"	0.70 mm   0.028"	1.40 mm   0.054"	2.40 mm   0.096"
0.35 mm   0.014"	0.80 mm   0.032"	1.60 mm   0.062"	2.60 mm   0.102"
0.40 mm   0.017"	0.90 mm   0.035"	1.80 mm   0.071"	
0.50 mm   0.020"	1.00 mm   0.041"	2.00 mm   0.080"	
0.60 mm   0.023"	1.20 mm   0.047"	2.20 mm   0.087"	

### PHYSICAL PROPERTIES

<b>Hardness</b>	<b>AISI 304</b>	41–52 HRC (400–550 HV1)
	<b>AISI 301</b>	49–58 HRC (500–650 HV1)
<b>Specific weight</b>		min. 7.8 g/cm <sup>3</sup>
<b>Bulk weight</b>		ca. 4.6 kg/l

### APPLICATIONS

Shot blasting	Desanding
Deburring	Descaling
Shot peening	Peen forming

### CHEMICAL COMPOSITION

<b>C</b>	<b>AISI 304</b>	max. 0.07 %	<b>S, P</b>	max. 0.045 %
	<b>AISI 301</b>	max. 0.15 %	<b>Cr</b>	<b>AISI 304</b> 17.50–19.50 %
	<b>Mn</b>	max. 2.00 %	<b>AISI 301</b>	16.00–19.00 %
	<b>Si</b>	<b>AISI 304</b> max. 1.00 %	<b>Ni</b>	<b>AISI 304</b> 8.00–10.50 %
	<b>AISI 301</b>	max. 2.00 %	<b>AISI 301</b>	6.00–9.50 %

### MODE OF USE

Reusable blasting medium

### SHOT BLASTING SYSTEMS

Blasting wheel and compressed air

### GRADES

AISI 301/302 (1.4310)      AISI 304 (1.4301)

### CERTIFICATIONS & SYSTEM APPROVAL

<b>Standards</b>	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

Conditioned carbon steel cut wire shot for blast cleaning and shot peening is made from stainless steel wire of selected grade, diameter and tensile strength by means of special cutting machines. For shot peening and special requirements (e.g. start-up-mix) it can also be conditioned afterwards. Due to its bigger cold solidification grade AISI 301/302 (1.4310) is especially qualified for shot peening.

### 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