

Datasheet | Abrasives

STAINLESS STEEL CUT WIRE SHOT (CrNi) FOLLOWING SAE AMS 2431/4

GENERAL INFORMATION

Abrasive	Stainless steel cut wire shot (CrNi)
Shape	Round, conditioned

GRADES

AWS 12	0.30 mm 0.012"	AWS 35	0.90 mm 0.035"
AWS 14	0.35 mm 0.014"	AWS 41	1.00 mm 0.041"
AWS 17	0.40 mm 0.017"	AWS 47	1.20 mm 0.047"
AWS 20	0.50 mm 0.020"	AWS 54	1.40 mm 0.054"
AWS 23	0.60 mm 0.023"	AWS 62	1.60 mm 0.062"
AWS 28	0.70 mm 0.028"	AWS 80	2.00 mm 0.080"
AWS 32	0.80 mm 0.032"	AWS 96	2.40 mm 0.096"

PHYSICAL PROPERTIES

Hardness new material	min. 45 HRC (450 HV1)
Specific weight	min. 7.8 g/cm ³
Bulk weight	ca. 4.6 kg/l
Peen forming	Austenite

APPLICATIONS

Shot peening	Microstructure
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CHEMICAL COMPOSITION

C	max. 0.15 %	S	max. 0.030 %
Mn	max. 2.00 %	Cr	17.00 – 20.00 %
Si	max. 1.00 %	Ni	8.00 – 10.50 %
P	max. 0.045 %		

MODE OF USE

Reusable blasting medium

SHOT BLASTING SYSTEMS

Blasting wheel and compressed air

CERTIFICATIONS & SYSTEM APPROVAL

Standards	SAE J441; SAE AMS 2431/4
Certifications	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 stainless steel cut wire shot is a precision tool. It is made from stainless steel wire of selected grade, diameter and tensile strength by means of special cutting machines and a following conditioning by means of special shot blasting machines. It fulfils the American National Standard SAE AMS 2431/4.

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