

STAINLESS STEEL CUT WIRE

Stainless steel cut wire shot with bright surface, using for shot blasting, shot peening and deburring in non-ferrous metal and stainless steel product surface. The surface of work piece is smooth, no rust and High light metallic luster after processing.

TECHINICAL SPECIFICATION

	SUS 304	SUS 201	SUS 430	SUS 410
Properties				
Hardness	400HV0.5/1 - 600 HV0.5/1	400HV0.5/1 - 600 HV0.5/1	250HV0.5/1 - 450 HV0.5/1	250HV0.5/1 - 450 HV0.5/1
Microstructures	Austenite, Non-magnetic	Austenite, Magnetic	Ferrite, Magnetic	Martensite, Magnetic
Shape and dimension of grain	< 2.00 %	< 2.00 %	< 2.00%	< 2.00%
Chemical Composition				
Cr	17.00 - 20.00 %	16.00 - 18.00 %	16.00 - 18.00 %	11.5 - 13.5 %
Ni	8.00 - 10.50 %	3.50 - 5.50 %	-	-
Mn	2.00 % max	5.50 - 7.50 %	1.00 % max	1.00 % max
Si	1.00 % max	1.00 % max	1.00 % max	1.00 % max
C	0.08 % max	0.15 % max	0.12 % max	0.15 % max
P	0.045 % max	0.06 % max	0.04 % max	0.04 % max
S	0.03 % max	0.03 % max	0.03 % max	0.03 % max
N	-	0.25 % max	-	-

SIZE DISTRIBUTION

Sieve (mm.)	Grain size (mm.)						
	1.20	1.00	0.80	0.60	0.50	0.40	0.30
1.300	5% Max						
1.200	85% Min						
1.100	10% Max	5% Max					
1.000	0.5% Max	85% Min					
0.900		10% Max	5% Max				
0.800		0.5% Max	85% Min				
0.700			10% Max	5% Max			
0.600			0.5% Max	85% Min	5% Max		
0.500				10% Max	85% Min	5% Max	
0.400				0.5% Max	10% Max	85% Min	5% Max
0.300					0.5% Max	10% Max	85% Min
0.200						0.5% Max	10% Max
0.125							0.5% Max

Materials:

SUS 201 SUS 304 SUS 430 SUS 410 Other materials upon request

Manufacturing standards/ Application specifications:

AMS 2431/4, SAE J 441, VDFI 8001

Packing:

25 Kg paper bag, other packages upon request.

Applications

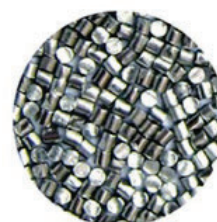


Before

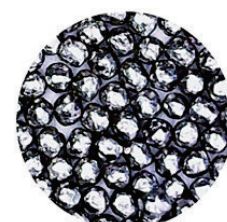
After



Aluminium Die casting



AS CUT (Cylindrical)



CONDITIONED