

SPECIFICATION FILE FOR THE PRODUCT

STAINLESS STEEL CUT WIRE SHOTS

Sizes	0.20 mm to 2.50 mm			
Shapes	As-Cut, G1 (Conditioned Cut Wire), G2 (Double Conditioned Cut Wire), G3 (Spherical Conditioned Cut Wire)			
Specifications	SAE J441, AMS 2431, VDFI 8001			
Grades		300 Series	200 Series	400 Series
Chemical Properties	Carbon	0.08% Max.	0.15% Max.	0.15% Max.
	Manganese	2.00% Max.	10.00% Max.	1.00% Max.
	Silicon	1.00% Max.	1.00% Max.	1.00% Max.
	Sulphur	0.03% Max.	0.03% Max.	0.03% Max.
	Phosphorus	0.045% Max.	0.06% Max.	0.04% Max.
	Nickle	8% Min.	4% Min.	0.75% Max.
	Chromium	18% Min.	16% Min.	18% Max.
Microstructure		Austenitic	Austenitic	Ferritic / Martensitic
Hardness Range		400 - 500 HV	400 - 500 HV	350 - 400 HV
Density	~7.8 g/cm ³			
Packaging	25 kg	Bag		
	1000 kg	Jumbo Bag, Pellet, Drum		

Other sizes, hardness and packaging available on request.