

SPECIFICATION FILE FOR THE PRODUCT

CARBON CUT WIRE SHOTS

Sizes	0.40 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	
Chemical Properties	Carbon	0.45% to 0.85%
	Silicon	0.15% to 0.35%
	Manganese	0.30% to 1.30%
	Sulphur	0.05% Max.
	Phosphorus	0.04% Max.
Microstructure	Pearlite	
Hardness Range	Shot Blasting	450 - 500 HV, 500 - 550 HV
	Shot Peening	560 - 630 HV, 610 - 670 HV, 640 - 710 HV
Hardness Deviation	±30 HV	
Density	~7.7 g/cm ³	
Packaging	25 kg	Bag
	1000 kg	Jumbo Bag, Pellet, Drum

Other sizes, hardness and packaging available on request.