

## Premium High Performance Cut Wire Pellets

Metabrasive Cut Wire Pellets are available in two forms; Standard Cut Wire for blast cleaning and Conditioned Cut Wire Pellets for peening.

Metabrasive Standard Cut Wire Pellets are available in high and medium tensile forms.

Metabrasive Conditioned CWP are available in three levels of conditioning G1, G2, G3. G3 being the highest level of conditioning, i.e. fully conditioned.

Size		Grades		
Nominal Size	Limits for diameter and cut length (mm)	High Tensile Cut Wire Pellet	Medium Tensile Cut Wire Pellet	Conditioned Cut Wire Pellet
0.35 mm	0.26 - 0.44			CW - 035 - COND
0.40 mm	0.30 - 0.50			CW - 040 - COND
0.50 mm	0.37 - 0.63	CW - 050	CW - 050 - MT	CW - 050 - COND
0.60 mm	0.45 - 0.75	CW - 060	CW - 060 - MT	CW - 060 - COND
0.70 mm	0.56 - 0.84	CW - 070	CW - 070 - MT	CW - 070 - COND
0.80 mm	0.64 - 0.96	CW - 080	CW - 080 - MT	CW - 080 - COND
0.90 mm	0.72 - 1.08	CW - 090	CW - 090 - MT	CW - 090 - COND
1.00 mm	0.80 - 1.20	CW - 100	CW - 100 - MT	CW - 100 - COND
1.20 mm	1.02 - 1.38	CW - 120	CW - 120 - MT	CW - 120 - COND
1.40 mm	1.19 - 1.61	CW - 140	CW - 140 - MT	CW - 140 - COND
1.50 mm	1.27 - 1.73	CW - 150	CW - 150 - MT	
1.60 mm	1.36 - 1.84	CW - 160	CW - 160 - MT	
1.70 mm	1.45 - 1.95	CW - 170	CW - 170 - MT	
1.80 mm	1.53 - 2.07	CW - 180	CW - 180 - MT	
2.00 mm	1.70 - 2.30	CW - 200	CW - 200 - MT	
2.20 mm	1.87 - 2.53	CW - 220	CW - 220 - MT	
2.50 mm	2.12 - 2.88	CW - 250	CW - 250 - MT	
<b>Hardness</b>				
Range		300 HV - 700 HV	200 HV - 400 HV	500 HV - 700 HV
Average Hardness 0.9 mm - 1.2 mm		450 HV - 550 HV	300 HV - 350 HV	550 HV - 650 HV
The smaller the pellet size the higher the hardness				
<b>Chemical Analysis</b>				
Carbon		0.40% - 0.85%	0.04% - 0.12%	0.60% - 0.85%
Manganese		0.40% - 1.20%	0.40% - 1.85%	0.40% - 1.20%
Silicon		0.10% - 0.30%	0.10% - 1.85%	0.10% - 0.30%
Sulphur		0.050% max	0.050% max	0.050% max
Phosphorous		0.045% max	0.045% max	0.045% max

