

SAE Cut Wire Media Comparison

J441					AMS 2431 /4					Both J441 and AMS2431							
Shot Size	Size		conditioned weight		Shot Size	Size		conditioned weight		Shot Size	Min gram		Max gram		Result gram		
	(mm)	(in)	min gram	max gram		(mm)	(in)	min gram	max gram		J441	2431/4	J441	2431/4	Minium	Maximum	
SCW/CW-125	3.20	0.125	8.400	10.300	-					125	8.400		10.300			8.400	?
SCW/CW-116	3.00	0.116	6.750	8.250	AWS 116	2.946 ±0.05	0.116 ±0.002	5.770	7.050	116	6.750	5.770	8.250	7.050		6.750	7.050
SCW/CW-96	2.40	0.096	3.800	4.700	AWS 96	2.438 ±0.05	0.096 ±0.002	3.450	4.250	96	3.800	3.450	4.700	4.250		3.800	4.250
SCW/CW-80	2.00	0.080	2.200	2.700	AWS 80	2.032 ±0.05	0.080 ±0.002	2.090	2.550	80	2.200	2.090	2.700	2.550		2.200	2.550
SCW/CW-62	1.60	0.062	1.040	1.260	AWS 62	1.588 ±0.05	0.00625 ±0.002	0.980	1.200	62	1.040	0.980	1.260	1.200		1.040	1.200
SCW/CW-54	1.40	0.054	0.680	0.840	AWS 54	1.37 ±0.05	0.054 ±0.002	0.650	0.790	54	0.680	0.650	0.840	0.790		0.680	0.790
SCW/CW-47	1.20	0.047	0.460	0.550	AWS 47	1.19 ±0.05	0.047 ±0.002	0.430	0.520	47	0.460	0.430	0.550	0.520		0.460	0.520
SCW/CW-41	1.00	0.041	0.290	0.370	AWS 41	1.04 ±0.05	0.041 ±0.002	0.280	0.350	41	0.290	0.280	0.370	0.350		0.290	0.350
SCW/CW-35	0.90	0.035	0.190	0.230	AWS 35	0.89 ±0.025	0.035 ±0.001	0.180	0.220	35	0.190	0.180	0.230	0.220		0.190	0.220
SCW/CW-32	0.80	0.032	0.130	0.170	AWS 32	0.81 ±0.025	0.032 ±0.001	0.120	0.160	32	0.130	0.120	0.170	0.160		0.130	0.160
SCW/CW-28	0.70	0.028	0.095	0.115	AWS 28	0.71 ±0.025	0.028 ±0.001	0.090	0.110	28	0.095	0.090	0.115	0.110		0.095	0.110
SCW/CW-23	0.60	0.023	0.045	0.065	AWS 23	0.58 ±0.025	0.023 ±0.001	0.045	0.060	23	0.045	0.045	0.065	0.060		0.045	0.060
SCW/CW-20	0.50	0.020	0.040	0.050	AWS 20	0.51 ±0.025	0.020 ±0.001	0.035	0.045	20	0.040	0.035	0.050	0.045		0.040	0.045
SCW/CW-17	0.45	0.017	0.035	0.055	AWS 17	0.43 ±0.025	0.017 ±0.001	0.040	0.055	17	0.035	0.040	0.055	0.055		0.035	0.055
SCW/CW-14	0.35	0.014	0.020	0.040	AWS 14	0.036 ±0.025	0.014 ±0.001	0.015	0.030	14	0.020	0.015	0.040	0.030		0.020	0.030
SCW/CW-12	0.30	0.012	0.010	0.025	AWS 12	0.30 ±0.025	0.012 ±0.001	0.010	0.020	12	0.010	0.010	0.025	0.020		0.010	0.020