



Material Processing Technologies

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HAMMER  
MILLING



CONICAL  
MILLING



### SDx™ Series

Production-scale powder processing platform offering three distinct solutions on a single common drive

FINE GRIND



DELUMPING



DRY  
GRANULATION



SECURITY  
SCREENING



### SLS-Scalable Lab System™

Four heads offering five powder processing solutions on a single common drive

#millingmatters

US Mesh	Micron (D90 Guidelines)	Inches	Round Hole Screen	Grater Hole Screen
4	4750	.187	187	187
5	4000	.158	156	156
6	3350	.132	125	125
7	2800	.111	117	109
8	2360	.093	094	094
10	2000	.078	075	079
12	1700	.066	062	062
14	1400	.055	055	050
16	1180	.0469	045	050
18	1000	.0394	039	040
20	850	.0331	032	032
25	710	.0278	024	NA
30	600	.0234	024	NA
35	500	.0197	018	NA
40	425	.0165	018	NA
45	355	.0139	NA	NA
50	300	.0117	011	NA
60	250	.0098	009	NA
70	212	.0083	NA	NA
80	180	.0070	NA	NA
100	150	.0059	006	NA
120	125	.0049	NA	NA
140	106	.0041	NA	NA
170	90	.0035	NA	NA
200	75	.0029	NA	NA
230	63	.0025	NA	NA
270	53	.0021	NA	NA
325	45	.0017	NA	NA
400	38	.0015	NA	NA
450	32	.0013	NA	NA
500	25	.0010	NA	NA
635	20	.0008	NA	NA
NA	15	.0006	NA	NA
NA	10	.0004	NA	NA
NA	5	.0002	NA	NA
NA	2	.0001	NA	NA

1 mm = 1000 micron (µm) = 0.0394 inch

\*Flexsift: Security Screening / Deagglomeration Only



# Particle Size Chart