

International Comparison chart of Abrasive grit size

INTERNATIONAL ISO 565(TB12):1983	AMERICAN ASTME 11-87	TYLER STANDARD SCREEN 1910	BRITISH BS 410:1986		FRENCH AFNOR NFX11-501:1970		GERMAN DIN 4188:1977	
Nominal Opening Millimetres/Microns	Alt. U.S. standard INCH/SIEVE	Equivalent INCH/MESH	Aperture mm/ μ m	Equivalent BS MESH	Opening mm/ μ m	Equivalent TAMIS NO.	Aperture mm	Approx DIN No.
26.50mm	1.06inch	1.05 inch	26.50mm	-	25.00mm	-	25.00	-
25.00*	1	-	-	-	22.40	-	22.40	-
22.40	7/8	.883	22.40	-	20.00	-	20.00	-
19.00	3/4	.742	19.00	-	18.00	-	18.00	-
16.00	5/8	.624	16.00	-	16.00	-	16.00	-
13.20	5/30	.525	13.20	-	14.00	-	14.00	-
12.50*	1/2	-	-	-	12.50	-	12.50	-
11.20	7/16	.441	11.20	-	11.20	-	11.20	-
9.50	3/8	.371	9.50	-	10.00	-	10.00	-
-	-	-	-	-	9.00	-	9.00	-
8.00	5/16	2 1/2 mesh	8.00	-	8.00	-	8.00	-
6.70	265	3	6.70	-	7.10	-	7.10	-
6.30*	1/4	-	-	-	6.30	-	6.30	-
5.60	3/8 sieve	3 1/2	5.60	3	5.60	-	5.60	-
4.75	4	4	4.75	3 1/2	5.00	38	5.00	-
-	-	-	-	-	4.50	-	4.50	-
4.00	5	5	4.00	4	4.00	37	4.00	2E
3.35	6	6	3.35	5	3.35	-	3.35	-
-	-	-	-	-	3.15	36	3.15	-
2.80	7	7	2.80	6	2.80	-	2.80	-
2.36	8	8	2.36	7	2.50	35	2.50	-
-	-	-	-	-	2.24	-	2.24	-
2.00	10	9	2.00	8	2.00	34	2.00	3E
1.70	12	10	1.70	10	1.80	-	1.80	-
-	-	-	-	-	1.60	33	1.60	-
-	-	-	-	-	-	-	1.50*	4
1.40	14	12	1.40	12	1.40	-	1.40	-
1.18	16	14	1.18	14	1.25	32	1.25	-
-	-	-	-	-	-	-	1.20*	5
-	-	-	-	-	1.12	-	1.12	-
1.00	18	16	1.00	16	1.00	31	1.00	6
850 μ m	20	20	850 μ m	18	900 μ m	-	0.900	-
-	-	-	-	-	800	30	0.800	-
-	-	-	-	-	-	-	0.750*	8
710	25	24	710	22	710	-	0.710	-
-	-	-	-	-	630	29	0.630	-
600	30	28	600	25	560	-	0.600*	10
-	-	-	-	-	500	28	0.560	-
500	35	32	500	30	450	-	0.500	12
-	-	-	-	-	-	-	0.450	-
425	40	35	425	36	-	-	0.430*	14
-	-	-	-	-	400	27	0.400	16
355	45	42	355	44	355	-	0.355	-
-	-	-	-	-	-	-	0.340*	18E
-	-	-	-	-	315	26	0.315	-
300	50	48	300	52	280	-	0.300*	20
-	-	-	-	-	250	25	0.280	-
250	60	60	250	60	224	-	0.250	24
212	70	65	212	72	200	24	0.224	-
-	-	-	-	-	180	20	0.200	30
180	80	80	180	85	-	-	0.180	-
-	-	-	-	-	160	23	0.170*	35E
-	-	-	-	-	-	-	0.160	-
150	100	100	150	100	140	-	0.150*	40
-	-	-	-	-	125	22	0.140	-
125	120	115	125	120	112	-	0.125	-
-	-	-	-	-	100	21	0.120*	50
106	140	150	106	150	90	-	0.112	-
-	-	-	-	-	80	20	0.100	60
90	170	170	90	170	-	-	0.090	70
-	-	-	-	-	-	-	0.080	-
75	200	200	75	200	-	-	0.075*	80
-	-	-	-	-	71	-	0.071	-
-	-	-	-	-	63	19	0.067*	90E
63	230	250	63	240	56	-	0.063	-
-	-	-	-	-	50	18	0.060	100
53	270	270	53	300	45	-	0.056	110
-	-	-	-	-	40	17	0.050	120
45	325	325	45	350	36	-	0.045	-
38	400	400	38	400	-	-	0.040	-
-	-	-	-	-	-	-	0.036	130
32	450	-	32	440	32	-	0.032	-
25	500	-	-	-	25	-	0.025	200
20	635	-	-	-	20	-	0.020	-

Comparison Chart of Abrasive Grit Sizes
from Sunway Industries Co. Ltd.