

DIAMOND GRIT SIZE DESIGNATIONS

ANSI B74.16	ISO 565	FEPA	ISO 6106-79		DIN 848 Juni 65	DIN 4188	BS 1987: 1953 & 410:1962		USSR Technical Specifications	
			Grit Designation		German Sieves		British Sieves			
USA Grit Size (Mesh)	Sieve Aperture (μm)	Designation	12nd System	2nd System	Designation Fine Coarse	for Main Fraction (μm)	Designation	for Main Fraction (μm)	Designation	Sieves Main Fraction (μm)
8/10										
10/12										
12/14										
14/16										
16/18	1180/1000	D1181	1181 (16/18)		D1100		14/16			
18/20	1000/850	D1001	1001 (18/20)		D900		16/18			
20/25	850/710	D851	851 (20/25)		D700		18/22			
25/30	710/600	D711	711 (25/30)		D700		22/25			
30/35	600/500	D601	601 (30/35)		D550 D500	630/500	25/30	600/500	630/500	630/500
35/40	500/425	D501	501 (35/40)		D450 D500	500/400	30/36	500/400	500/400	500/400
40/45	425/355	D426	426 (40/45)		D350	400/315	36/44	420/355	400/315	400/315
45/50	355/300	0356	356 (45/50)		D350		44/52	355/300		
50/60	300/250	D301	301 (50/60)		D280 D250	315/250	52/60	300/250	315/250	315/250
60/70	250/212	D251	251 (60/70)		D220 D250	250/200	60/72	250/210	250/200	250/200
70/80	212/180	D213	213 (70/80)		D180 D150	200/160	72/85	210/180	200/160	200/160
80/100	180/150	D1B1	181 (80/100)		D180 D150		85/100	180/150		
100/120	150/125	D151	151 (100/120)		D140 D150	160/125	100/120	150/125	160/125	160/125
120/140	125/106	D126	126 (120/140)		D110 D100	125/100	120/150	125/105	125/100	125/100
140/170	106/90	D107	107 (140/170)		D90 D100	100/80	150/170	105/90	100/80	100/80
170/200	90/75	D91	91 (170/200)		D90 D70		170/200	90/75	80/63	80/63
200/230	75/63	D76	76 (200/230)		D65 D70	80/63	200/240	90/63		
230/270	63/53	D64	64 (230/270)		D55 D50		240/300	63/53	63/50	63/50
270/325	53/45	D54	54 (270/325)		D45 D50	63/50	300/350	53/45	50/40	50/40
325/400	45/38	D46	46 (325/400)		D45 D50	50/40	350/400			
Wide Range										
USA Grit Size (Mesh)	Sieve Aperture (μm)	Designation	12nd System	2nd System	Designation Fine Coarse	for Main Fraction (μm)	Designation	for Main Fraction (μm)	Designation	Sieves Main Fraction (μm)
16/20	1180/850	D1182	1182 (16/20)				14/18			
16/20	1180/850	D1182	1182 (16/20)				14/18			
20/30	850/600	D852	852 (20/30)		D700		18/25			
30/40	600/425	D602	602 (30/40)		D500		25/36			
35/45	500/355	D502								
40/50	425/300	D427	427 (40/50)		D350		36/52			
60/80	250/180	D252	252 (60/80)				60/85			