DIANAMIC® SUPERABRASIVE PARTICLE SIZE REFERENCE MESH SIZES				
MESH	SIZE	FEPA**	COATING ALLOWANCE OFFSET	APPLICATION
16/18*	.047”	1181	.049”	EXTRA HEAVY STOCK REMOVAL
18/20*	.040”	1001	.043”	EXTRA HEAVY STOCK REMOVAL
20/25	.034”	851	.036”	EXTRA HEVY STOCK REMOVAL
20/30*	.034”	852	.036”	EXTRA HEAVY STOCK REMOVAL
25/30*	.028”	711	.030”	VERY HEAVY STOCK REMOVAL
30/40*	.023”	601	.025”	VERY HEAVY STOCK REMOVAL
40/50*	.017”	437	.018”	HEAVY STOCK REMOVAL
50/60*	.012”	301	.013”	COARSE ROUGHING
60/70*	.010”	251	.011”	COARSE ROUGHING
60/80*	.010”	252	.0105”	COARSE ROUGHING
80/100*	.007”	181	.0075”	GENERAL PURPOSE SEMI ROUGH
100/12**	.006”	151	.0063”	GENERAL PURPOSE SEMI ROUGH
120/140*	.005”	126	.0053”	GENERAL PURPOSE
140/170*	.004”	107	.0043”	GENERAL PURPOSE
170/200*	.0036”	91	.0038”	SEMI FINISH
200/230*	.003”	76	.0032”	SEMI FINISH
230/270*	.0025”	64	.0027”	SEMI FINISH
270/325*	.0022”	54	.0024”	FINISH
325/400*	.0018”	46	.0019”	FINISH
400/500	.0016”	-	.0017”	FINE FINISH
500/600	.0012”	-	.0013”	FINE FINISH

DIANAMIC® SUPERABRASIVE PARTICLE SIZE REFERENCE MICRON SIZES				
MICRON	APPROX GRIT EQUIVALENT	SIZE RANGE mm	SIZE IN INCHES	APPLICATION
45*	400/500	40-50	.0018”	FINE FINISHING
35	500/600	30-40	.0014”	FINE FINISHING
30*	800	25-35	.0012”	VERY FINE FINSHING
15*	1000	8-22	.0006”	VERY FINE FINISHING
9	1500	6-13	.00035”	VERY FINE FINISHING
6	1800	4-8	.00024”	EXTREME FINE FINISHING
3	2100	2-4	.00012”	EXTREME FINE FINISHING

1 micron = .0000395” **FEPA Standard for Superabrasive Grain Sizes 1997

Non-standard Diamond and cBN Mesh and Micron sizes that are scalped, halved, quartered or micronized available as special orders.

*Standard Stocked Diamond and cBN Micron and Mesh sizes. Diamond is available in Synthetic or Natural.

The **DIANAMIC®** Superabrasive (Diamond and cBN) Particle Size Chart should be used as a reference guide when manufacturing wheel cores for coating and for strip / recoat estimations.

1. A MALE RADIUS should finish SMALLER than the required finish size. SUBTRACT the particle size from the expected finish size to achieve the correct pre coat dimension.

2. A FEMALE RADIUS should finish LARGER than the required finish size. ADD the particle size from the expected finish size to achieve the correct pre coat dimension.

DIANAMIC® recommends that we be contacted for technical support and coating offset recommendations when manufacturing wheel cores to confirm sizes.

DIANAMIC® Since 1985 100% Made in the USA Members of the Industrial Diamond Association of America

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