

Grit size identification

ATLANTIC products use grit sizes according to DIN ISO 6344. The grain particles are sorted into various groups using standardised sieves. The nominal grit size results from the number of

holes per inch in the sieve (mesh). This means, for example, 60 grit size has been produced from a sieve with 60 mesh holes per inch. The greater the number, the finer the grit size.

Grit sizes finer than 240 are no longer classified in terms of mesh size; they are the result of a complex sedimentation process.

International comparison

The following table compares the various international standards

Grit size (mesh)	Average grit diameter in μm			
	DIN ISO 6344	JIS	ANSI	
8	2600			Macro grits
10	2200			
12	1850	1850	1850	
14	1559			
16	1300	1300	1300	
20	1100	950	950	
24	780	780	780	
30	650	650	650	
36	550	550	550	
40		390		
46	390		390	
50		330		
60	270	270	270	
70	230		230	
80	190	190	190	
90	160		160	
100	140	165	140	
120	120	120	120	
150	95	95	95	
180	80	80	80	
200	70			
220	60	70	70	
240	45	57	57	
280		48	37	
320	29	40	29	
360		35	23	
400	17	30	17	
500	13	25	13	
600	9	20	9	
700		17		
800	7	14	7	
1000	5	12	4	
1200	3	10	3	
1500	2	8		
2000	1	7		
2500		5		
3000		4		
4000		3		
6000		2		
8000		1		