

**Diametral Pitch Shaper Cutters**

<u>14 1/2 PA</u>	<u>14 1/2 PA</u>	<u>20 PA</u>	<u>20 PA</u>	<u>20 PA</u>	pregrind
3	25	1 3/4	10 1/2	32	<b><u>20 PA</u></b>
3 1/2	26	2	11	34	
3 3/4	27	2 1/2	12	36	2 1/2
4	28	2 3/4	13	38	3 1/4
5	29	3	14	40	5
6	30	3 1/4	15	42	6
7	32	3 1/2	16	44	8
8	33	3 3/4	17	45	10
9	34	4	18	46	12
9 1/2	36	5	20	48	14
10	40	5 1/4	21	50	16
11	42	5 1/2	22	52	17
12	44	6	23	54	18
14	45	7	24	56	20
15	48	8	25	60	32
16	50	8 1/8	26	62	
17	52	8 1/4	27	64	
18	54	9	28	70	
19	56	9 1/2	29	80	
20	60	10	30	100	
21	64			120	
22					
24		4.08	10.4		
		4.4094	10.694		
		5.4165			
		5.7143			
		6.0645			
		9.1613			
		9.6129			
		9.98174			