

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 | <u>20 PA</u> |
| 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 | | | |