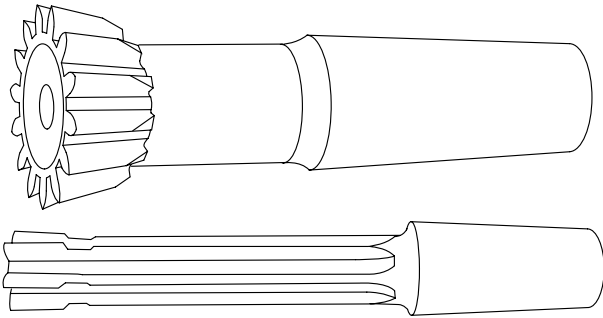


KDP20 SERIES DP, 20° PA



$WD = 2.25/DP$
 $20DP \text{ \& finer } WD = 2.2/DP + .002$

Stem design and stroke length vary, please confirm tool specifications with your salesmen.

Maximum Tooth Chart 20° PA

| Teeth in Part | Max in Cutter | Teeth in Part | Max in Cutter |
|---------------|---------------|---------------|---------------|
| 13 | - 4 | 48 | - 30 |
| 14 | - 4 | 49 | - 31 |
| 15 | - 5 | 50 | - 32 |
| 16 | - 5 | 51 | - 33 |
| 17 | - 6 | 52 | - 34 |
| 18 | - 6 | 53 | - 35 |
| 19 | - 7 | 54 | - 36 |
| 20 | - 7 | 55 | - 37 |
| 21 | - 8 | 56 | - 38 |
| 22 | - 8 | 57 | - 39 |
| 23 | - 9 | 58 | - 40 |
| 24 | - 10 | 59 | - 41 |
| 25 | - 10 | 60 | - 42 |
| 26 | - 11 | 61 | - 43 |
| 27 | - 12 | 62 | - 44 |
| 28 | - 12 | 63 | - 45 |
| 29 | - 13 | 64 | - 46 |
| 30 | - 13 | 65 | - 47 |
| 31 | - 14 | 66 | - 48 |
| 32 | - 14 | 67 | - 49 |
| 33 | - 15 | 68 | - 50 |
| 34 | - 16 | 69 | - 51 |
| 35 | - 17 | 70 | - 52 |
| 36 | - 18 | 71 | - 53 |
| 37 | - 19 | 72 | - 54 |
| 38 | - 20 | 73 | - 55 |
| 39 | - 21 | 74 | - 56 |
| 40 | - 22 | 75 | - 57 |
| 41 | - 23 | 76 | - 58 |
| 42 | - 24 | 77 | - 59 |
| 43 | - 25 | 78 | - 60 |
| 44 | - 26 | 79 | - 61 |
| 45 | - 27 | 80 | - 62 |
| 46 | - 28 | 81 | - 63 |
| 47 | - 29 | 82 | - 64 |

| Diam. Pitch | No. Teeth | Approx. Stroke | Whole Depth | Series |
|-------------|-----------|----------------|-------------|--------------|
| 3 | 6 | 3-1/4 | .750 | KDP20-03-6 |
| 4 | 6 | 3-1/4 | .5625 | KDP20-04-6 |
| 4 | 8 | 2-3/4 | .5625 | KDP20-04-8 |
| 4 | 8 | 3-3/4 | .5625 | KDP20-04-8L |
| 5 | 7 | 2-5/8 | .450 | KDP20-05-7 |
| 5 | 8 | 2-1/2 | .450 | KDP20-05-8 |
| 5 | 8 | 3-1/2 | .450 | KDP20-05-8L |
| 6 | 6 | 1-7/8 | .375 | KDP20-06-6S |
| 6 | 6 | 3 | .375 | KDP20-06-6 |
| 6 | 7 | 1-3/4 | .375 | KDP20-06-7 |
| 6 | 8 | 2 | .375 | KDP20-06-8S |
| 6 | 8 | 3-3/4 | .375 | KDP20-06-8 |
| 6 | 9 | 4 | .375 | KDP20-06-9 |
| 6 | 10 | 3 | .375 | KDP20-06-10 |
| 7 | 8 | 2-1/4 | .3214 | KDP20-07-8 |
| 7 | 10 | 2-1/2 | .3214 | KDP20-07-10 |
| 8 | 6 | 2 | .2813 | KDP20-08-6 |
| 8 | 7 | 1-1/2 | .2813 | KDP20-08-7 |
| 8 | 8 | 2-1/2 | .2813 | KDP20-08-8 |
| 8 | 8 | 3-3/4 | .2813 | KDP20-08-8L |
| 8 | 9 | 2 | .2813 | KDP20-08-9 |
| 8 | 10 | 3 | .2813 | KDP20-08-10 |
| 8 | 12 | 3 | .2813 | KDP20-08-12 |
| 9 | 7 | 2 | .250 | KDP20-09-7 |
| 9 | 10 | 2-1/2 | .250 | KDP20-09-10 |
| 9 | 12 | 1 | .250 | KDP20-09-12 |
| 10 | 6 | 2-1/8 | .225 | KDP20-10-6 |
| 10 | 7 | 1-3/4 | .225 | KDP20-10-7 |
| 10 | 8 | 2 | .225 | KDP20-10-8S |
| 10 | 8 | 3-1/4 | .225 | KDP20-10-8 |
| 10 | 10 | 2-1/2 | .225 | KDP20-10-10 |
| 10 | 12 | 1 | .225 | KDP20-10-12S |
| 10 | 12 | 2-5/8 | .225 | KDP20-10-12 |
| 11 | 8 | 1-1/2 | .2045 | KDP20-11-8 |
| 11 | 12 | 2-1/4 | .2045 | KDP20-11-12 |
| 12 | 8 | 2-5/8 | .1875 | KDP20-12-8 |
| 12 | 9 | 2-5/8 | .1875 | KDP20-12-9 |
| 12 | 9 | 3-1/8 | .1875 | KDP20-12-9L |
| 12 | 10 | 1-3/4 | .1875 | KDP20-12-10 |
| 12 | 12 | 2 | .1875 | KDP20-12-12S |
| 12 | 12 | 3 | .1875 | KDP20-12-12 |
| 13 | 8 | 1-1/2 | .1731 | KDP20-13-8 |
| 14 | 10 | 2-3/4 | .1607 | KDP20-14-10 |
| 14 | 14 | 2-1/2 | .1607 | KDP20-14-14 |
| 16 | 8 | 2 | .1406 | KDP20-16-8 |
| 16 | 10 | 2-1/4 | .1406 | KDP20-16-10 |
| 16 | 12 | 3 | .1406 | KDP20-16-12 |
| 16 | 16 | 1-5/8 | .1406 | KDP20-16-16S |
| 16 | 16 | 2-1/4 | .1406 | KDP20-16-16 |
| 18 | 8 | 2 | .125 | KDP20-18-8 |
| 18 | 18 | 1-1/2 | .125 | KDP20-18-18 |

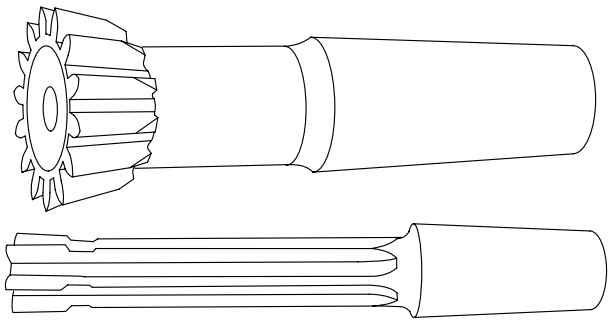
For complete trimming chart, see Section G.

(continued on next page)

KDP20 SERIES

DP, 20° PA (continued)

| Diam. Pitch | No. Teeth | Approx. Stroke | Whole Depth | Series |
|-------------|-----------|----------------|-------------|--------------|
| 20 | 8 | 1-3/4 | .112 | KDP20-20-8 |
| 20 | 12 | 2 | .112 | KDP20-20-12 |
| 20 | 16 | 1-1/2 | .112 | KDP20-20-16 |
| 20 | 24 | 2 | .112 | KDP20-20-24 |
| 24 | 9 | 2 | .0937 | KDP20-24-9 |
| 24 | 12 | 1-5/8 | .0937 | KDP20-24-12 |
| 24 | 16 | 2-1/2 | .0937 | KDP20-24-16 |
| 24 | 24 | 1-1/2 | .0937 | KDP20-24-24 |
| 26 | 10 | 1 | .0866 | KDP20-26-10 |
| 26 | 20 | 1-1/2 | .0866 | KDP20-26-20 |
| 28 | 12 | 1-1/2 | .0806 | KDP20-28-12 |
| 28 | 24 | 1-1/2 | .0806 | KDP20-28-24 |
| 28 | 56 | 1-1/2 | .0806 | KDP20-28-56 |
| 30 | 12 | 1-1/2 | .0753 | KDP20-30-12 |
| 30 | 30 | 1 | .0753 | KDP20-30-30 |
| 32 | 10 | 1-1/2 | .0708 | KDP20-32-10 |
| 32 | 12 | 1-7/8 | .0708 | KDP20-32-12 |
| 32 | 16 | 1-3/4 | .0708 | KDP20-32-16 |
| 32 | 20 | 2 | .0708 | KDP20-32-20 |
| 32 | 28 | 1-1/2 | .0708 | KDP20-32-28 |
| 32 | 40 | 2-1/2 | .0708 | KDP20-32-40 |
| 34 | 12 | 1-1/2 | .0667 | KDP20-34-12 |
| 36 | 20 | 1-5/8 | .0631 | KDP20-36-20 |
| 38 | 20 | 1-1/2 | .0599 | KDP20-38-20 |
| 40 | 16 | 1-5/8 | .057 | KDP20-40-16 |
| 40 | 20 | 1-3/4 | .057 | KDP20-40-20 |
| 42 | 18 | 1-1/2 | .0544 | KDP20-42-18 |
| 48 | 18 | 1-1/8 | .0478 | KDP20-48-18 |
| 48 | 20 | 1-1/2 | .0478 | KDP20-48-20 |
| 48 | 24 | 1-3/8 | .0478 | KDP20-48-24 |
| 48 | 24 | 2-1/8 | .0478 | KDP20-48-24L |
| 48 | 36 | 1-1/2 | .0478 | KDP20-48-36 |
| 48 | 48 | 1-1/2 | .0478 | KDP20-48-48 |
| 56 | 24 | 1-1/2 | .0413 | KDP20-56-24 |
| 64 | 16 | 1-1/4 | .0364 | KDP20-64-16 |
| 64 | 24 | 1-3/8 | .0364 | KDP20-64-24 |
| 64 | 38 | 1-1/2 | .0364 | KDP20-64-38 |
| 72 | 22 | 1-1/8 | .0326 | KDP20-72-22 |
| 72 | 32 | 1-3/8 | .0326 | KDP20-72-32 |
| 72 | 36 | 1-1/8 | .0326 | KDP20-72-36 |
| 72 | 40 | 1-1/4 | .0326 | KDP20-72-40 |
| 80 | 72 | 2 | .0295 | KDP20-80-72 |
| 96 | 20 | 1/2 | .0249 | KDP20-96-20 |
| 96 | 32 | 2 | .0249 | KDP20-96-32 |
| 96 | 48 | 1 | .0249 | KDP20-96-48 |
| 96 | 72 | 1-1/4 | .0249 | KDP20-96-72 |
| 120 | 32 | 7/8 | .0203 | KDP20-120-32 |
| 120 | 48 | 1-5/8 | .0203 | KDP20-120-48 |
| 120 | 72 | 1-7/8 | .0203 | KDP20-120-72 |
| 120 | 80 | 1-1/2 | .0203 | KDP20-120-80 |



$$WD = 2.25/DP$$

$$20DP \text{ \& finer } WD = 2.2/DP + .002$$

Stem design and stroke length vary, please confirm tool specifications with your salesmen.

Maximum Tooth Chart 20° PA

| Teeth in Part | Max in Cutter | Teeth in Part | Max in Cutter |
|---------------|---------------|---------------|---------------|
| 13 | - 4 | 48 | - 30 |
| 14 | - 4 | 49 | - 31 |
| 15 | - 5 | 50 | - 32 |
| 16 | - 5 | 51 | - 33 |
| 17 | - 6 | 52 | - 34 |
| 18 | - 6 | 53 | - 35 |
| 19 | - 7 | 54 | - 36 |
| 20 | - 7 | 55 | - 37 |
| 21 | - 8 | 56 | - 38 |
| 22 | - 8 | 57 | - 39 |
| 23 | - 9 | 58 | - 40 |
| 24 | - 10 | 59 | - 41 |
| 25 | - 10 | 60 | - 42 |
| 26 | - 11 | 61 | - 43 |
| 27 | - 12 | 62 | - 44 |
| 28 | - 12 | 63 | - 45 |
| 29 | - 13 | 64 | - 46 |
| 30 | - 13 | 65 | - 47 |
| 31 | - 14 | 66 | - 48 |
| 32 | - 14 | 67 | - 49 |
| 33 | - 15 | 68 | - 50 |
| 34 | - 16 | 69 | - 51 |
| 35 | - 17 | 70 | - 52 |
| 36 | - 18 | 71 | - 53 |
| 37 | - 19 | 72 | - 54 |
| 38 | - 20 | 73 | - 55 |
| 39 | - 21 | 74 | - 56 |
| 40 | - 22 | 75 | - 57 |
| 41 | - 23 | 76 | - 58 |
| 42 | - 24 | 77 | - 59 |
| 43 | - 25 | 78 | - 60 |
| 44 | - 26 | 79 | - 61 |
| 45 | - 27 | 80 | - 62 |
| 46 | - 28 | 81 | - 63 |
| 47 | - 29 | 82 | - 64 |

For complete trimming chart, see Section G.

Sizes and configurations shown are the most popular. Other sizes and configurations available from stock, please call.