

# COPPIE CONICHE A DENTI DIRITTI

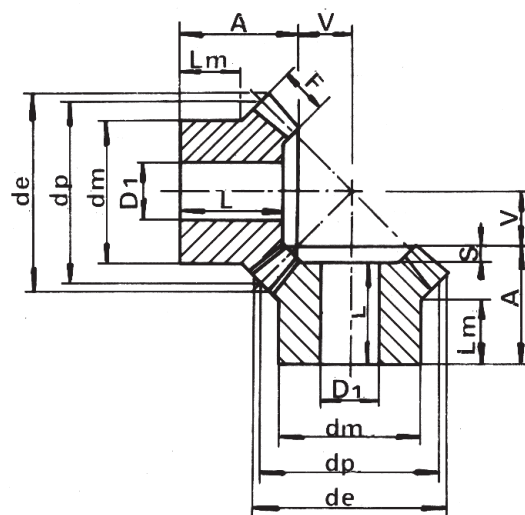
MATERIALE: C 43 – UNI 7847

| M   | Z  | d <sub>p</sub> | d <sub>e</sub> | F    | A    | d <sub>m</sub> | D <sub>1</sub> | L    | V     | S   | L <sub>m</sub> |
|-----|----|----------------|----------------|------|------|----------------|----------------|------|-------|-----|----------------|
| 1.5 | 16 | 24.0           | 26.12          | 6    | 18.9 | 20.3           | 8              |      | 7.10  |     | 12             |
|     | 20 | 30.0           | 32.12          | 10   | 20   | 22             | 10             | 18   | 7.40  | 2   | 8.5            |
|     | 25 | 37.5           | 39.62          | 10   | 23   | 28             | 10             | 21   | 11.09 | 2   | 12             |
|     | 30 | 45.0           | 47.12          | 12   | 25   | 30             | 12             | 22.5 | 13.35 | 2.5 | 12             |
| 2   | 16 | 32.0           | 34.83          | 8    | 23.5 | 25.3           | 8              |      | 9.50  |     | 14             |
|     | 20 | 40.0           | 42.83          | 12   | 25   | 32             | 10             | 22   | 10.78 | 3   | 12             |
|     | 25 | 50.0           | 52.82          | 14   | 28   | 40             | 12             | 25   | 14.28 | 3   | 12.3           |
|     | 30 | 60.0           | 62.83          | 16   | 30   | 50             | 12             | 27   | 17.78 | 3   | 12.8           |
| 2.5 | 16 | 40.0           | 43.53          | 10   | 28.1 | 30.3           | 12             |      | 11.90 |     | 15             |
|     | 20 | 50.0           | 53.53          | 12   | 30.5 | 40             | 12             | 27   | 15.43 | 3.5 | 16             |
|     | 25 | 62.5           | 66.00          | 15   | 33.5 | 50             | 15             | 30   | 19.48 | 3.5 | 16             |
|     | 30 | 75.0           | 78.53          | 18   | 35.5 | 55             | 15             | 32   | 23.63 | 3.5 | 16             |
| 3   | 16 | 48.0           | 52.25          | 12   | 31.7 | 40.3           | 12             |      | 14.30 |     | 18             |
|     | 20 | 60.0           | 64.24          | 18   | 35   | 45             | 15             | 31   | 16.00 | 4   | 13.6           |
|     | 25 | 75.0           | 79.24          | 20   | 38   | 55             | 15             | 34   | 22.00 | 4   | 16             |
|     | 30 | 90.0           | 94.24          | 22   | 40   | 60             | 20             | 36   | 28.00 | 4   | 17             |
| 3.5 | 16 | 56.0           | 60.95          | 14   | 36.4 | 45.3           | 16             |      | 16.60 |     | 20             |
|     | 20 | 70.0           | 74.95          | 22   | 40.5 | 55             | 15             | 36   | 18.13 | 4.5 | 17             |
|     | 25 | 87.5           | 92.45          | 26   | 43.5 | 65             | 20             | 39   | 23.97 | 4.5 | 18             |
|     | 30 | 105.0          | 109.95         | 30   | 48   | 70             | 20             | 43.5 | 30.02 | 4.5 | 19             |
| 4   | 16 | 64.0           | 69.65          | 15   | 44.3 | 50.3           | 16             |      | 19.70 |     | 25             |
|     | 20 | 80.0           | 85.65          | 25   | 43   | 60             | 18             | 38   | 20.74 | 5   | 18             |
|     | 25 | 100.0          | 105.65         | 28   | 45   | 70             | 20             | 40   | 28.50 | 5   | 18             |
|     | 30 | 120.0          | 125.65         | 32   | 48   | 80             | 20             | 43   | 35.67 | 5   | 16             |
| 4.5 | 16 | 72.0           | 78.38          | 17.5 | 46.3 | 55.3           | 20             |      | 21.70 |     | 25             |
|     | 20 | 90.0           | 96.38          | 28   | 48   | 65             | 20             | 42   | 23.41 | 6   | 18             |
|     | 25 | 112.5          | 118.80         | 32   | 50   | 75             | 20             | 44   | 31.76 | 6   | 18             |
|     | 30 | 135.0          | 141.38         | 35   | 53   | 90             | 20             | 47   | 40.82 | 6   | 17             |
| 5   | 16 | 80.0           | 87.07          | 18   | 48.9 | 60.3           | 20             |      | 25.10 |     | 25             |
|     | 20 | 100.0          | 107.07         | 30   | 50.5 | 70             | 20             | 44   | 26.86 | 6.5 | 18.5           |
|     | 25 | 125.0          | 132.07         | 34   | 53.5 | 90             | 20             | 47   | 36.36 | 6.5 | 18             |
|     | 30 | 150.0          | 157.07         | 38   | 56.5 | 110            | 20             | 50   | 45.97 | 6.5 | 18             |

## Copie Coniche

Angolo di pressione: 20°  
ad assi normali secondo UNI 6588

Rapporto - 1:1



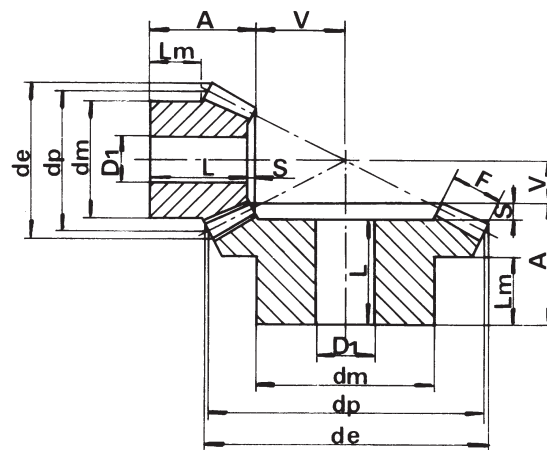
MATERIALE: C 43 – UNI 7847

| M   | Z  | d <sub>p</sub> | d <sub>e</sub> | F  | A    | d <sub>m</sub> | D <sub>1</sub> | L  | V     | S   | L <sub>m</sub> |
|-----|----|----------------|----------------|----|------|----------------|----------------|----|-------|-----|----------------|
| 1.5 | 16 | 24             | 26.68          | 8  | 19.5 | 21             | 10             | 18 | 16.33 | 1.5 | 11.3           |
|     | 32 | 48             | 49.34          | 8  | 20.0 | 32             | 12             | 17 | 7.45  | 3   | 10             |
| 2   | 16 | 32             | 35.57          | 10 | 23.0 | 26             | 10             | 21 | 22.41 | 2   | 11.9           |
|     | 32 | 64             | 65.78          | 10 | 25.0 | 40             | 12             | 21 | 10.21 | 4   | 10             |
| 2.5 | 16 | 40             | 44.47          | 12 | 27.5 | 34             | 12             | 25 | 28.38 | 2.5 | 14.4           |
|     | 32 | 80             | 82.23          | 12 | 25.0 | 50             | 15             | 20 | 12.97 | 5   | 10             |
| 3   | 16 | 48             | 53.36          | 15 | 28.0 | 40             | 15             | 25 | 33.64 | 3   | 11.6           |
|     | 32 | 96             | 98.68          | 15 | 30.0 | 60             | 15             | 24 | 15.31 | 6   | 10             |
| 3.5 | 16 | 56             | 62.26          | 18 | 33.5 | 48             | 15             | 30 | 38.83 | 3.5 | 14.4           |
|     | 32 | 112            | 115.12         | 18 | 31.0 | 70             | 20             | 24 | 17.77 | 7   | 10             |
| 4   | 16 | 64             | 71.15          | 20 | 36.0 | 50             | 15             | 32 | 44.81 | 4   | 13.4           |
|     | 32 | 128            | 131.57         | 20 | 32.0 | 80             | 20             | 24 | 20.42 | 8   | 10             |
| 4.5 | 16 | 72             | 80.05          | 22 | 39.5 | 60             | 20             | 35 | 51.00 | 4.5 | 15.4           |
|     | 32 | 144            | 148.00         | 22 | 36.0 | 90             | 20             | 27 | 23.21 | 9   | 10             |
| 5   | 16 | 80             | 88.94          | 25 | 50.0 | 60             | 20             | 45 | 56.06 | 5   | 21.1           |
|     | 32 | 160            | 164.46         | 25 | 38.0 | 100            | 20             | 28 | 25.52 | 10  | 10             |

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Angolo di pressione: 20°  
ad assi normali secondo UNI 6588

Rapporti - 1:2



# COPPIE CONICHE A DENTI DIRITTI

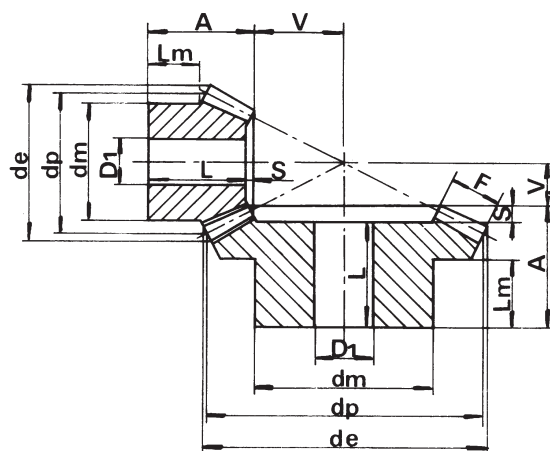
MATERIALE: C 43 – UNI 7847

| M   | Z  | d <sub>p</sub> | d <sub>e</sub> | F  | A    | d <sub>m</sub> | D <sub>1</sub> | L    | V     | S   | L <sub>m</sub> |
|-----|----|----------------|----------------|----|------|----------------|----------------|------|-------|-----|----------------|
| 1.5 | 16 | 24             | 26.82          | 12 | 24   | 20             | 10             | 23   | 24.42 | 1   | 11.7           |
|     | 48 | 72             | 72.95          | 12 | 20   | 50             | 12             | 17   | 7.27  | 3   | 10             |
| 2   | 16 | 32             | 35.80          | 15 | 28.5 | 26             | 12             | 27   | 33.26 | 1.5 | 12.4           |
|     | 48 | 96             | 97.26          | 15 | 23   | 60             | 15             | 19   | 9.90  | 4   | 10             |
| 2.5 | 16 | 40             | 44.74          | 18 | 32   | 32             | 12             | 30   | 42.41 | 1.5 | 13             |
|     | 48 | 120            | 121.58         | 18 | 26   | 70             | 20             | 21   | 12.60 | 5   | 10             |
| 3   | 16 | 48             | 53.69          | 18 | 32   | 40             | 15             | 30   | 54.25 | 2   | 12.1           |
|     | 48 | 144            | 145.90         | 18 | 29   | 80             | 20             | 23   | 16.20 | 6   | 10             |
| 3.5 | 16 | 56             | 62.64          | 22 | 38   | 48             | 15             | 35.5 | 62.29 | 2.5 | 15             |
|     | 48 | 168            | 170.21         | 22 | 31   | 90             | 20             | 24   | 18.48 | 7   | 10             |
| 4   | 16 | 64             | 71.59          | 25 | 41.5 | 55             | 20             | 38.5 | 71.23 | 3   | 15.2           |
|     | 48 | 192            | 194.53         | 25 | 33   | 100            | 20             | 25   | 21.20 | 8   | 10             |
| 4.5 | 16 | 72             | 80.53          | 28 | 53   | 60             | 20             | 50   | 80.27 | 3   | 23.4           |
|     | 48 | 216            | 218.84         | 28 | 49   | 100            | 20             | 40   | 23.93 | 9   | 18             |
| 5   | 16 | 80             | 89.48          | 35 | 60   | 60             | 20             | 57   | 85.61 | 3   | 22.5           |
|     | 48 | 240            | 243.16         | 35 | 50   | 150            | 20             | 40   | 25.45 | 10  | 20             |

## Coppie Coniche

Angolo di pressione: 20°  
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Rapporto - 1:3



MATERIALE: C 43 – UNI 7847

| M   | Z  | d <sub>p</sub> | d <sub>e</sub> | F  | A    | d <sub>m</sub> | D <sub>1</sub> | L    | V      | S   | L <sub>m</sub> |
|-----|----|----------------|----------------|----|------|----------------|----------------|------|--------|-----|----------------|
| 1.5 | 16 | 24             | 26.91          | 12 | 25   | 18             | 10             | 24   | 36.02  | 1   | 12.2           |
|     | 64 | 96             | 96.73          | 12 | 22   | 70             | 15             | 19   | 8.53   | 3   | 10             |
| 2   | 16 | 32             | 35.88          | 15 | 24   | 25             | 12             | 23   | 49.07  | 1   | 8.2            |
|     | 64 | 128            | 128.97         | 15 | 24   | 80             | 20             | 20   | 11.79  | 4   | 10             |
| 2.5 | 16 | 40             | 44.85          | 18 | 30.5 | 30             | 12             | 29   | 61.99  | 1.5 | 11.7           |
|     | 64 | 160            | 161.21         | 18 | 29   | 90             | 20             | 24   | 13.77  | 5   | 10             |
| 3   | 16 | 48             | 53.82          | 22 | 34   | 40             | 15             | 32   | 74.05  | 2   | 11             |
|     | 64 | 192            | 193.45         | 22 | 30   | 100            | 20             | 24   | 16.41  | 6   | 10             |
| 3.5 | 16 | 56             | 62.80          | 25 | 45   | 48             | 15             | 43   | 87.13  | 2   | 19.1           |
|     | 64 | 224            | 225.70         | 25 | 50   | 100            | 20             | 43   | 19.32  | 7   | 22             |
| 4   | 16 | 64             | 71.76          | 30 | 50   | 50             | 20             | 48   | 98.21  | 2   | 18.5           |
|     | 64 | 256            | 257.94         | 30 | 50   | 120            | 20             | 42   | 21.72  | 8   | 20             |
| 4.5 | 16 | 72             | 80.73          | 32 | 53   | 55             | 20             | 50.5 | 112.08 | 2.5 | 19             |
|     | 64 | 288            | 290.18         | 32 | 53   | 130            | 20             | 44   | 24.83  | 9   | 23             |
| 5   | 16 | 80             | 89.70          | 35 | 58   | 60             | 20             | 55.5 | 125.06 | 2.5 | 20.6           |
|     | 64 | 320            | 322.42         | 35 | 58   | 150            | 20             | 48   | 27.65  | 10  | 25             |

## Coppie Coniche

Angolo di pressione: 20°  
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Rapporto - Ratio 1:4

