

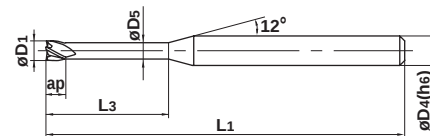
**DF4XL**

End mill, Long neck, 4 flute, For graphite

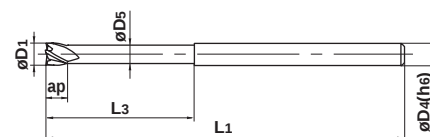


CARBIDE

| Aluminium Alloy | Graphite | GFRP<br>CFRP | Machineable<br>Ceramics |
|-----------------|----------|--------------|-------------------------|
| ○               | ◎        | ○            | ○                       |



Type1



Type2



|              |              |              |  |  |
|--------------|--------------|--------------|--|--|
| 1 ≤ D1 ≤ 12  |              |              |  |  |
| 0<br>- 0.02  |              |              |  |  |
| 4 ≤ D4 ≤ 6   | 8 ≤ D4 ≤ 10  | D4 = 12      |  |  |
| 0<br>- 0.008 | 0<br>- 0.009 | 0<br>- 0.011 |  |  |

● 4 flute long neck end mill with original diamond coating for graphite machining.

Unit : mm

| Order Number   | D1  | ap  | L3 | D5   | L1  | D4 | Flutes | Stock | Type |
|----------------|-----|-----|----|------|-----|----|--------|-------|------|
| DF4XLD0100N060 | 1   | 1.5 | 6  | 0.94 | 50  | 4  | 4      | ●     | 1    |
| D0100N080      | 1   | 1.5 | 8  | 0.94 | 50  | 4  | 4      | ●     | 1    |
| D0100N100      | 1   | 1.5 | 10 | 0.94 | 50  | 4  | 4      | ●     | 1    |
| D0150N100      | 1.5 | 2.3 | 10 | 1.44 | 60  | 4  | 4      | ●     | 1    |
| D0150N160      | 1.5 | 2.3 | 16 | 1.44 | 60  | 4  | 4      | ●     | 1    |
| D0200N100      | 2   | 3   | 10 | 1.9  | 60  | 4  | 4      | ●     | 1    |
| D0200N160      | 2   | 3   | 16 | 1.9  | 60  | 4  | 4      | ●     | 1    |
| D0200N200      | 2   | 3   | 20 | 1.9  | 60  | 4  | 4      | ●     | 1    |
| D0300N160      | 3   | 4.5 | 16 | 2.9  | 70  | 4  | 4      | ●     | 1    |
| D0300N200      | 3   | 4.5 | 20 | 2.9  | 70  | 4  | 4      | ●     | 1    |
| D0300N300      | 3   | 4.5 | 30 | 2.9  | 70  | 4  | 4      | ●     | 1    |
| D0400N200      | 4   | 6   | 20 | 3.9  | 80  | 4  | 4      | ●     | 2    |
| D0400N400      | 4   | 6   | 40 | 3.9  | 80  | 4  | 4      | ●     | 2    |
| D0600N300      | 6   | 9   | 30 | 5.85 | 70  | 6  | 4      | ●     | 2    |
| D0800N300      | 8   | 12  | 30 | 7.85 | 90  | 8  | 4      | ●     | 2    |
| D1000N300      | 10  | 15  | 30 | 9.7  | 90  | 10 | 4      | ●     | 2    |
| D1200N300      | 12  | 18  | 30 | 11.7 | 110 | 12 | 4      | ●     | 2    |

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS