

## CNF Precision Chamfering

Cogsdill **CNF** Series Precision Chamfering tools produce controlled chamfers on both sides of drilled or reamed holes. Designed for high production, these highly accurate tools require only one pass to generate consistent chamfers on the front and back of holes.

### Features:

- Fast cycle times
- Available with high-speed steel or solid carbide cutters for diameters from 0.059 to 0.390 inch (1.50 to 9.90mm)
- Tools for diameters of 10mm or larger use standard replaceable ISO inserts

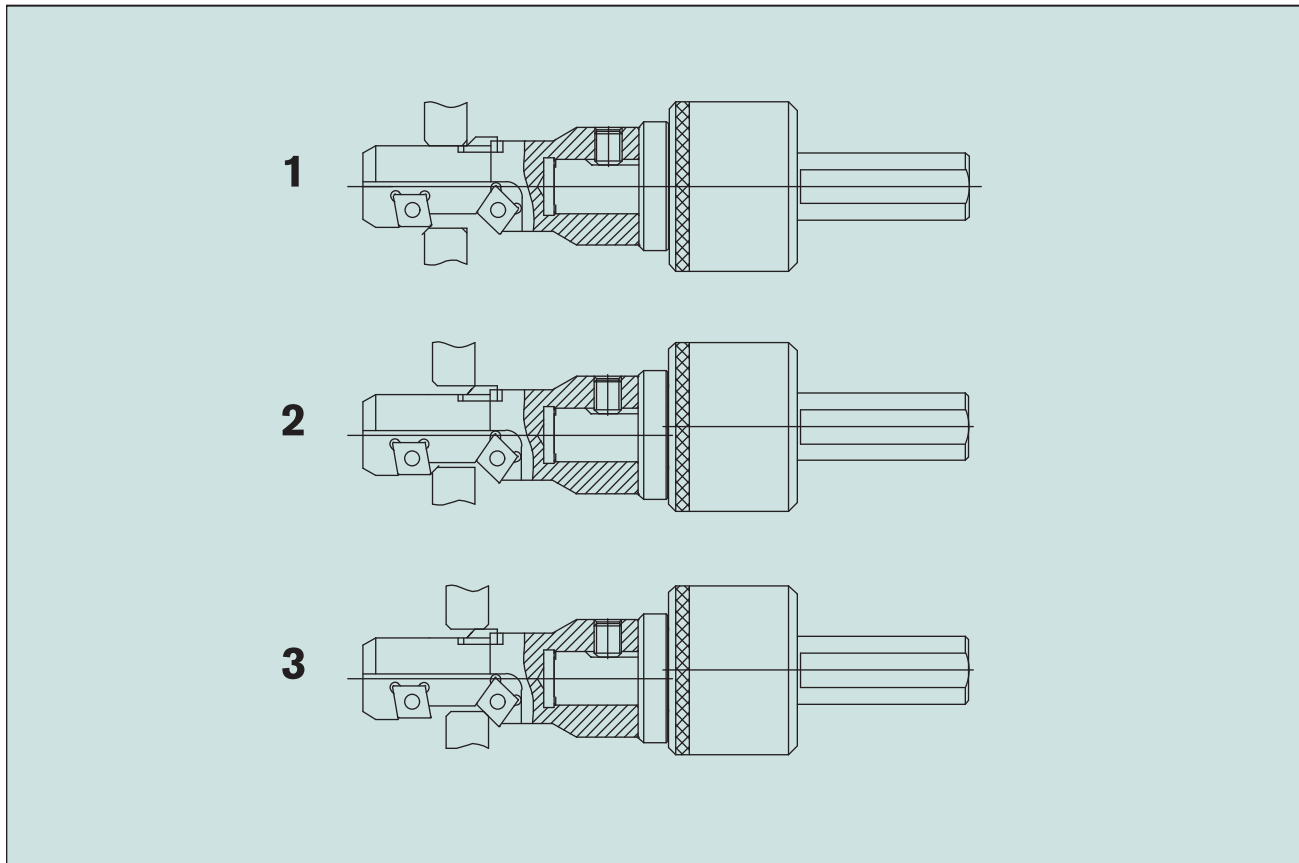
**CNF1** shown here with automotive-style shank. All shank styles are available to suit the application – please specify when ordering.



# Operating Principle

**Special Solution**  
PRECISION CHAMFERING

Illustrated below is the basic operating principle for the **CNF** Precision Chamfering tool.



## **1** Piloting

The tool diameter pilots into the hole up to the pre-formed cam opposite to the cutting edge.

## **2** Actuation

The tool travels forward and is actuated by the cam, generating the back chamfer.

## **3** Chamfering

The tool continues to travel forward, forming the top chamfer.