

OVER-CUT

The innovation in modular tool systems for axial turning of elongated work pieces

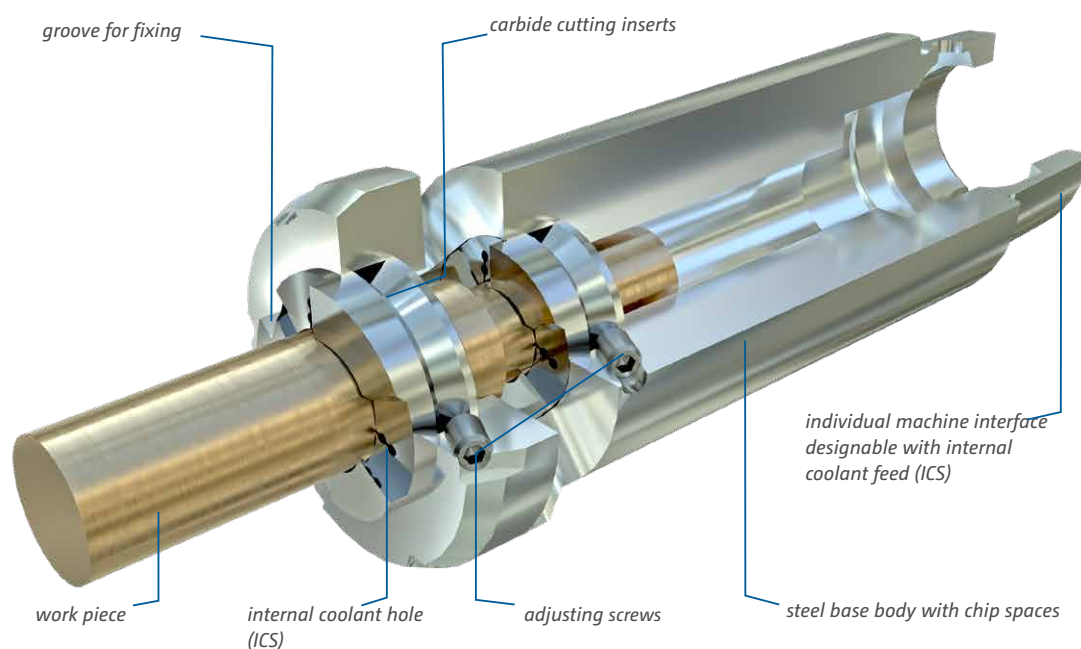


MANUFACTURE UP TO 6 TIMES FASTER!

By arranging at least three cuts along the diameter of the work piece, the OVER-CUT not only solves the problem of radial displacement, but it can also be fed at significantly higher rates, which substantially reduces the cycle time.

Unbeatable benefits:

- no radial displacement of the work piece
- shorter machining time due to a higher feed rate
- exchangeable cutting inserts
- various diameters can be used in a basic body
- higher surface quality
- longer tool life
- optionally with internal coolant supply



OVER-CUT+

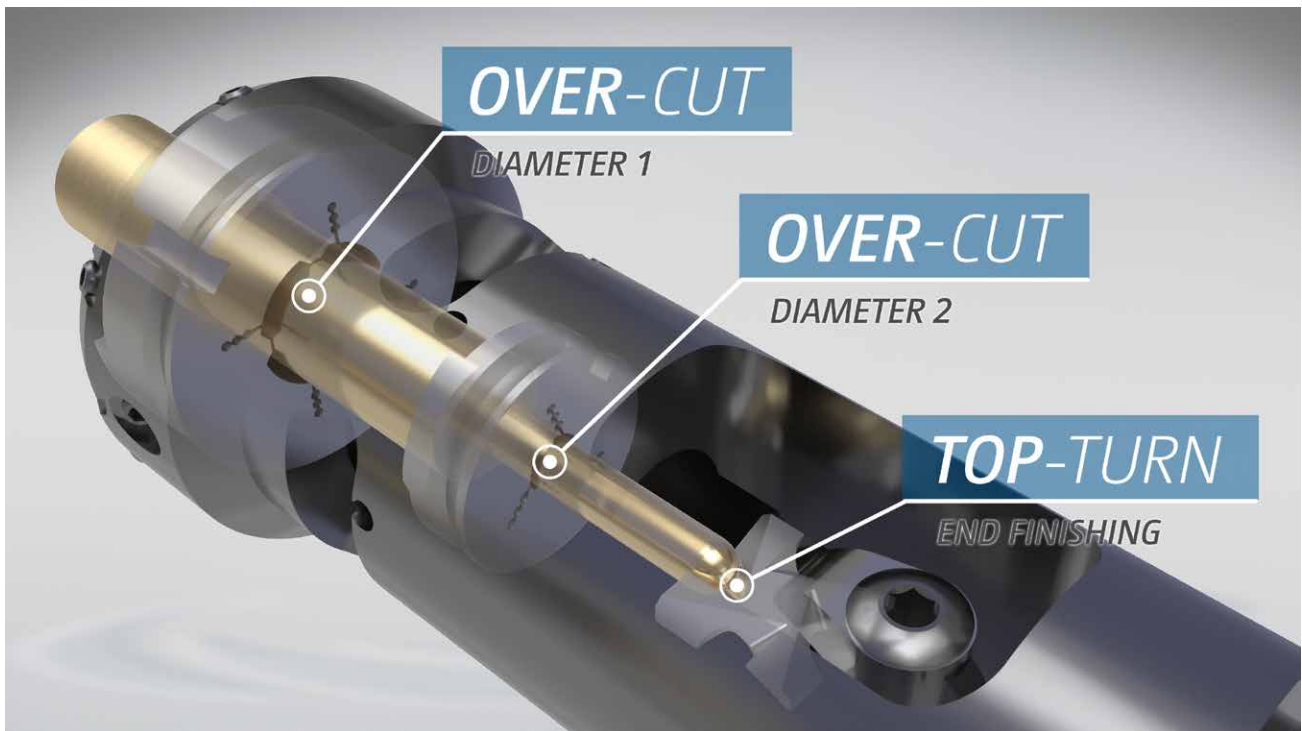
The revolutionary addition

Optimize your manufacturing process even further: Not only can you fabricate parts with multiple diameters, but also finish the ends of the work piece simultaneously.

The OVER-CUT+ makes it possible: Two consecutively placed OVER-CUT cutting inserts allow you to manufacture different diameters in one go as per your dimensions.

With the integrated pointing tool TOP-TURN, you can turn the work piece end to the exact length and form consecutively in the same work step. Corner radii and bevels of up to 1 mm can be created on the inner edge of the work piece.

MULTIPLE MANUFACTURING STEPS - ONE WORK PROCESS



Optional: cutting inserts with inner ICS holes

This feature not only allows a higher service life of the cutting inserts, but also ensures clearly better surfaces since chips are removed effectively. Through the introduction of new polishing processes, corner radii and bevels of up to 1 mm can now be created on the cuts. This was not possible until now!