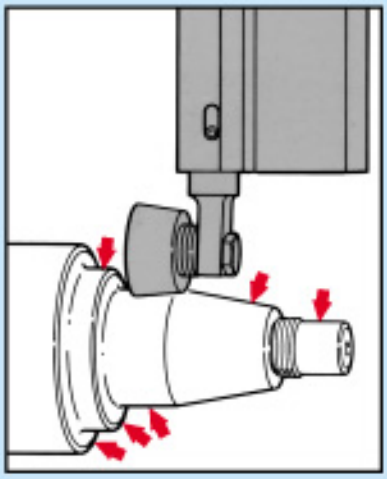
# DREX®-TOOLS series 90
# carbide roller burnishing tools

- Reduce the costs eliminating the pickup operations for the finishing
- Suitable for most CNC lathes
- Cheap thanks to the long life of the carbide roll
- Reach a high level in the surface finishing rate that is between 0,13 and 0,20 µm.

Now we present a tool for the burnishing of all the outside surfaces: outside diameters of shafts, radius of fitting, shoulders and so on. Surface burnishing as component in turning operations. The tool for burnishing outside, complete with carbide roll, has been studied for being installed on the turret of a CNC lathe. The surfaces to be burnished are prepared of turning with a roughness of 2-2,5 µm. The tool, put in the due working position, follows the same way carried out by turning with the same number of revolutions, obtaining a roughness of 0,13-0,20 µm. This replace the need of a pickup operation.
The below picture shows a part with a shaped outline that has been burnished automatically after the turning operation.

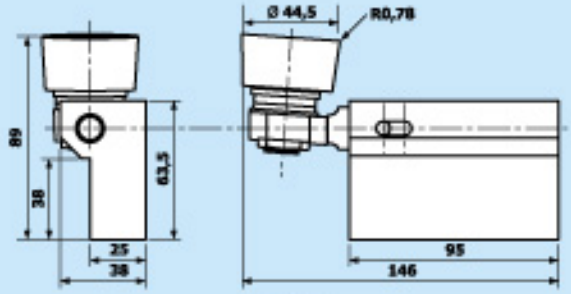
**Long life of the tool**

This singular tool has a carbide long life roll with a diameter of 44,5 mm mounted on the bearing, suitable for high level performances and that turns on a carbide axle. The carbide roll is spring loaded in the two axial directions for having the right pressure during the burnishing operation. The carbide roll can be reconditioned for more times.

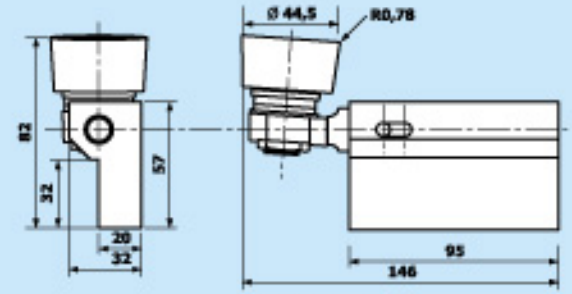


It is possible to change your turning CNC centre in a finishing centre with the Drex®-Tools carbide O.D. roller burnishing tool.

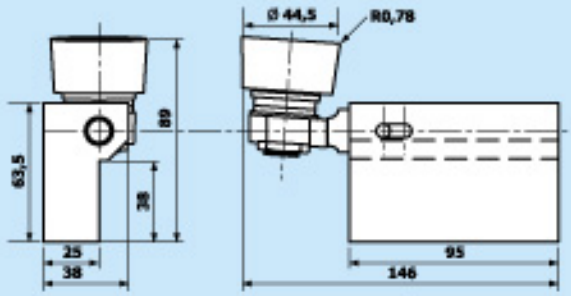
D90-L-25-0
Left hand tool
Shank 25 mm
Roll's radius 0,78 mm




D90-L-20-0
Left hand tool
Shank 20 mm
Roll's radius 0,78 mm




D90-R-25-0
Right hand tool
Shank 25 mm
Roll's radius 0,78 mm




D90-R-20-0
Right hand tool
Shank 20 mm
Roll's radius 0,78 mm