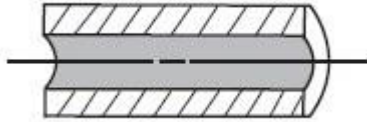


# Honing

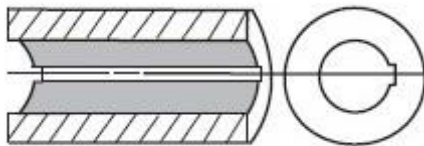
## Bore Types

### Open holes with no interruptions



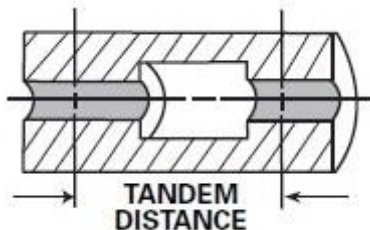
Select a honing unit with stone length  $\frac{2}{3}$  to  $\frac{3}{2}$  times bore length. If honing units shown have stone length too long or too short, please contact us

### Open holes with keyway or splines



Bores with interruptions such as these require keyway honing units, Stone should be  $\frac{2}{3}$  to  $\frac{3}{2}$  times bore length. For such bores, special-purpose stones should be used.

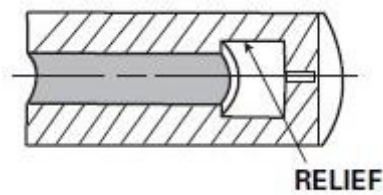
### Open holes with tandem lands



Tandem bores require a stone length at least twice the distance, special honing stone should be used

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## **Blind holes**



Select a honing unit with stone length  $\frac{2}{3}$  times bore length, if the honing stone length too long, please don't shorten it. Be sure shank is long enough to permit stone to reach bottom in hole.

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## **Honing**

Honing is an abrasives machining process. Honing tools with abrasives particles with continuous surface contact between the tool and workpiece are used to optimize the dimension, form and surface of pre-machined workpieces. The honing process is a special grinding process, which can removal quite big amount of materials, and improved workpiece geometry accuracy and surface finish.

We can provide diamond and CBN superabrasives honing stones as well as conventional abrasives stones with variety of shape, grain size and bond type. Our honing tools are designed to fit for Sunnen, Nagel, Gehring, Nissin, Mas and other brand horizontal or vertical honing machines.

Bore diameter from 1.5mm to 300mm

Open bores with no interruptions,

Blind bores

Open bores with keyway or splines

Open bores with tandem lands

A wide range of materials and surface finishes.

**Application:**

Cylinder liner and blocks honing

Connecting rod honing

Rocker arm honing

Brake drums honing

Fuel injector honing

Gears and tube honing

Hydraulics valves and components honing

Refrigeration compressors and components honing

Small engines and more