

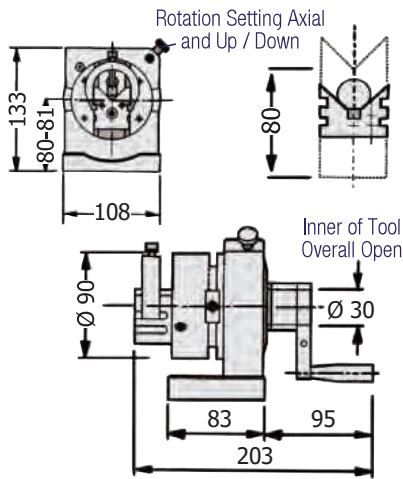
Code: **V-PS**

Pin & Punch Former Tool

Forming tool / apparatus for mould ejector pins and EDM tools (with mounting on the grinding machine workbench).

"V" Bearing Length: 30mm

Rotation Centreline Height: 15mm



d1: Pin clamping diameter = Ø4 - Ø30 mm

L: Pin clamping length = min. 22 mm

"V" Bearing: Up / down motion = 25 mm

"V" Bearing: One way motion = 12.5 mm

"V" Bearing: Total motion = 25 mm

Equipment surface and angle / scale hardness: 63 HRC

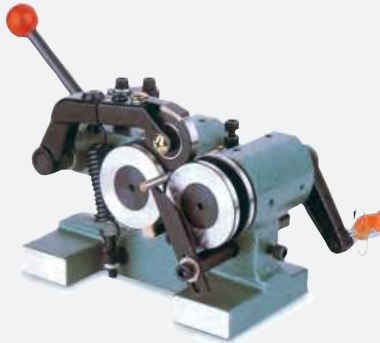
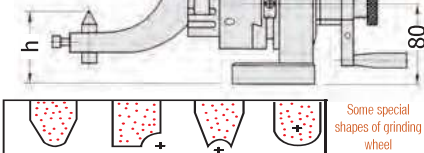
Chuck dividing head angle: 24 Pcs. $15^\circ \pm 5^\circ$

Wheel diameter: 200 mm

Total weight: 9 Kg.

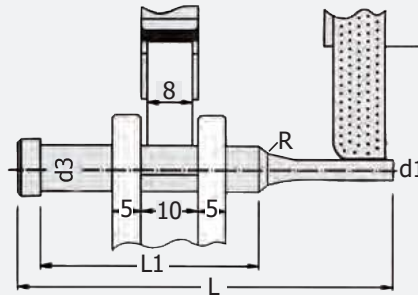
Wheel Dresser Tool:

Refer to "page 178" for other info.



Code: **VPG**

Pin & Punch Former Tool



* It can be put on the grinding machine workbench for form grinding pins, punches or EDM tools.

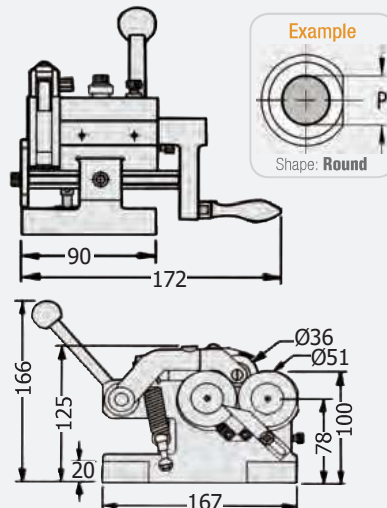
* Pin clamping diameter: Ø1.5mm x Ø25mm

* Pins etc. can be ground by putting among precision rollers of Former Tool without checking the center, the center is determined automatically.

* Thanks to rigid clamping system, extended grinding length is within 5 - 35mm.

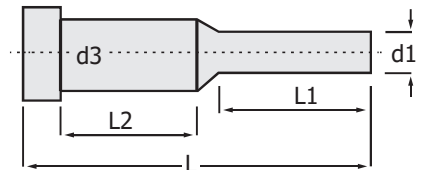
Total weight: 6.6 Kg.

Standard Tolerances	
Round P	+0.1 $\text{Ø}0.1$ From P to d3
Shape P,W	± 0.1 $\text{Ø}0.2$ From P to d3



Code: **VPGM**

Pin & Punch Former Tool Motor Type



Information :

Pin clamping length (L) : 20 - 120 mm

Minimum clamping length (L2) .. : 22 mm

Pin grinding length (L1) : 5 - 35 mm

Pin clamping dia. (d3) : Ø 2 ~ 25 mm

Pin grinding dia. (d1) : Ø 0.5 ~ 25 mm

Grinding accuracy : 0,01 mm

Motor Speed : 130 RPM

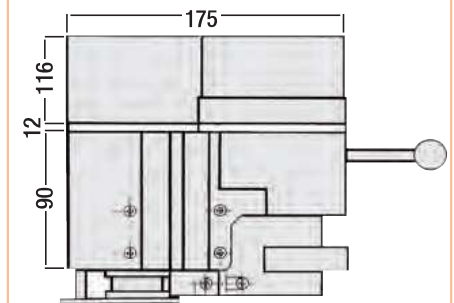
Motor (1 phase) : 120 V / 50 Hz / 25 W

Pin bearing roller speed : 60 Hz

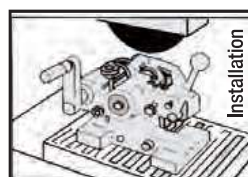
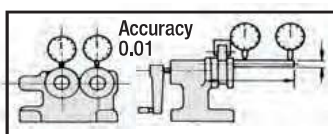
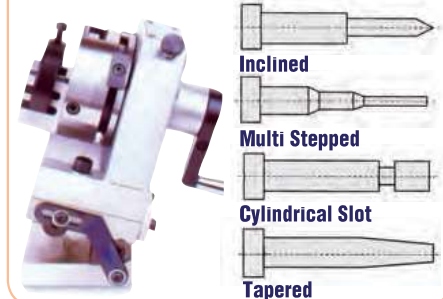
Step ovality accuracy : 25.4 mm

Tool clamping dimensions ... : 175 x 218 x 90 mm

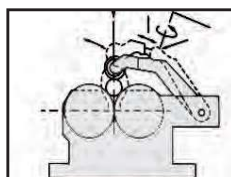
Total weight : 7.1 Kg.



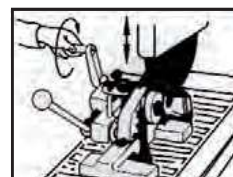
Some Examples Grinding:



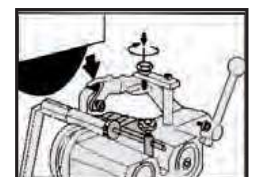
Insert pin into housing.
Tighten screw of lever.



When pin is placed between precision rollers, center is found automatically.



After equipment is mounted to grinding machine, start grinding by turning lever.



Before starting grinding, ensure that all fasteners are tightened.