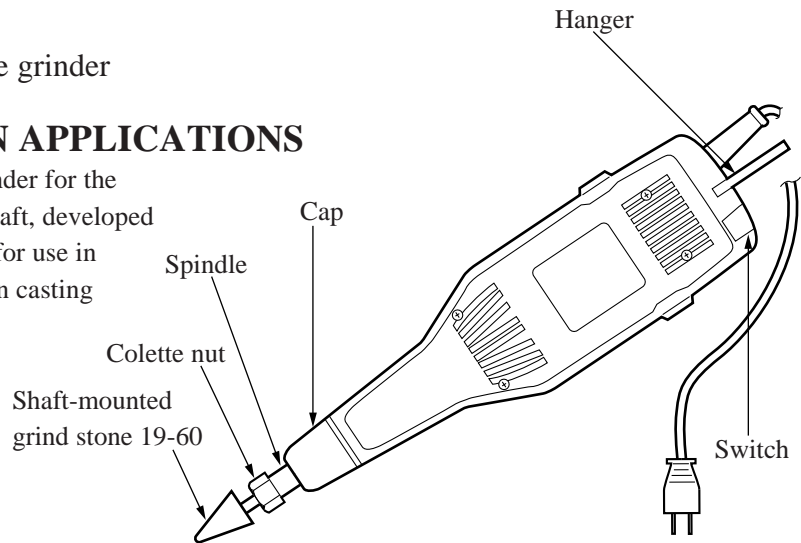


Models No. ▶ 906

Description ▶ The 6 mm Die grinder

CONCEPTION AND MAIN APPLICATIONS

This machine is the powerful type grinder for the grinding stone equipped with 6 mm shaft, developed as the sister version of the model 903 for use in grinding various dies, removing burr in casting and grinding at narrow space.



▶ Specifications

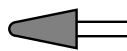
[Appearance layout of model 906]

Voltage	Current	Frequency	Consumed power
Single-phase 100V	2.5 A	50-60 Hz	240 W


No load speed	25,000 R.P.M./min
Size	283 mm x 65 mm(Overall length x Outer diameter)
Functional size	Colette dia. 6 mm
Weight	0.9 kg
Cord length	2.5 m

▶ Standard equipment

 Wheel point 19-60(plane type)

 Wheel point 19-60(corn type)

 Spanner 10

 Spanner 17

 Dressing

▶ Optional accessories

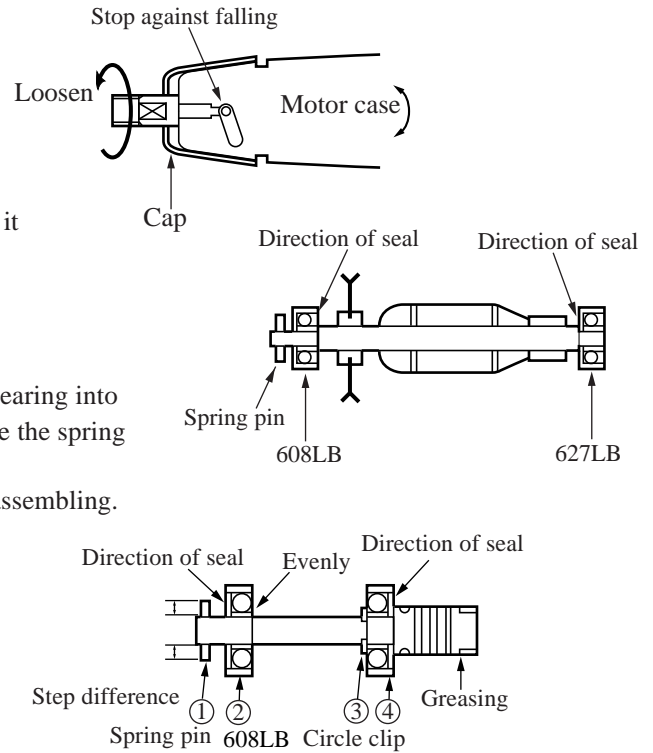
*No special accessories(Since the grind stone and rotary cutter are commercially available)

► Repair

Disassemble in the following orders.

- (i) If disassembled in order of Hanger =>Colette nut =>Pan head screw(4 pieces)->Cap(Since parts for protecting dropping is attached, unless the pan head screw is loosened, it cannot be disconnected.), the motor case is separated into two sections, each structure parts (armature, spindle, carbon brush) can be disconnected.
- (ii) Spindle(armature)

Disassemble in the order shown on the figure. Insert the 2.bearing into up to the position of the step difference of spindle and strike the spring pin in a way that the both ends protruded will be even.
- (iii) For assembling , proceed in the reverse orders against disassembling. (Use care that the lead wire is not locked together.)



► Selection of shaft-mounted grind stone

- (i) Use wheel point capable of enduring against the circumference speed of 25,000 R.P.M/min. for this machine. The normal commercially available wheel point is 19 mm or less in the outer diameter.
- (ii) Never use the shaft-mounted wheel point for the drill since it does not have enough strength.
- (iii) Select the best particle size and shape for the wheel point depending on the applications.

Particle size of grindstone	Color of grindstone	Property of particle size of wheel point	Applications	Applicable wheel point
A	Ultramarine blue or brown	High in toughness and a little low in hardness	Rough grinding of Soft steel and Carbon steel etc.	According to JIS A46PV
WA	White or orange color	Slightly low in toughness and a little high in hardness (a little hard)	Grinding of baked steel and special steel	WA60NV or WA60PV
C	Black	Harder and lower in toughness than A, WA grind stone	Grinding of casting products, non-metal and stone material	-

Shapes(examples of representatives)

