

Cutters & Pliers

Wire strippers

Crimpers

Tweezers

Screwdrivers & Wrenches

Metal working

Parts boxes

Tool cases

Tool kits

Soldering irons & Solder

Parts & Solder removal equipment

Measuring instruments

Optical equipment

Antistatic products

Clean products

Chemical products

Maintenance & Safety products

Milling machine

Pattern cutters

Desk drill presses

Circular saws

PCB cutter

Band saw

Sheet metal bender

Drilling tools

Polishing pads

Pipe cutter

Files

Sand blaster

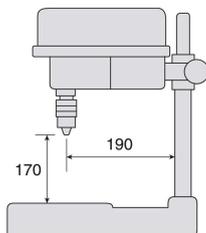
K-16 DESK DRILL PRESS

100 V

With adjustable drilling depth (max. 35 mm)

Spindle rotation speed	1100 / 1600 / 2500 / 4200 / 6400 / 9600 rpm (adjustable pulley & belt configuration) (at 60 Hz)
Drilling capacity	For iron and non-ferrous 6.5 mmφ
Spindle axial play	0.02mm (not including chuck)
Chucking dia.	0.5 to 6.5 mmφ
Rated voltage / frequency	100 VAC 50 / 60 Hz
Power consumption	60 W
External dimensions	210 (W) × 450 (H) × 340 (D) mm
Weight	18.6 kg

Power cable: 1.6m

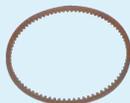


* Max. dimension values are shown.



Replacement part

K-16-1 BELT



Optional items

K-26 VISE

*For details, see page 55



K-53 V-BLOCK



*For details, see page 55



K-5 / 493 / 494 / 495 DRILL BIT SET

*For details, see page 55



K-21 DESK DRILL PRESS

100 V

With adjustable drilling depth (max. 30 mm)

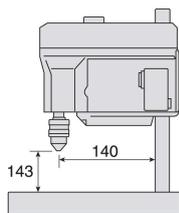


Example of K-21 + H-17 being used together (the rotation speed can be adjusted)

The H-17 is shown on P.108



Drilling depth is adjustable to 30 mm.



* Max. dimension values are shown.



Spindle rotation speed	2100 / 4500 / 6200 rpm (adjustable pulley & belt configuration)
Drilling capacity	For iron and non-ferrous 6.0 mmφ
Spindle axial play	0.04mm (not including chuck)
Chucking dia.	0.8 to 6.0 mmφ
Rated voltage / frequency	100 VAC 50 / 60 Hz
Power consumption	80 W
Rated time	15 minutes
External dimensions	120 (W) × 350 (H) × 225 (D) mm
Weight	4 Kg

Power cable: 2m

Note

Continuous operation which exceeds 15 min. can cause a motor failure, etc. Even on & off at 1 to 2 minute intervals is considered continuous.

Replacement part

K-21-14 BELT



For K-21 / 20.



Optional items

K-21-1 COLLET CHUCK



A collet chuck can be mounted on the K-21 to suppress axial play to a 0.04 mm.

* Cannot be used on the K-15 and K-16.

Compatible drills:
1.0 / 1.5 / 2.0 / 2.4 / 3.0 mmφ
(Collets are dedicated to each size.)

For K-21



K-24 VISE



*For details, see page 55



K-50 XY-TABLE



*For details, see page 55



K-53 V-BLOCK



*For details, see page 55



K-5 / 493 / 494 / 495 DRILL BIT SET

*For details, see page 55



K-50 XY-TABLE



- Sliding: front / back 23 mm each, left / right: 66 mm each
- With clamp
- Table dimensions: 210 × 70 mm
- Weight: 800 g
- Handle scale:
1 scale mark = 0.05 mm (1 turn: 1 mm)
- For K-21
- K-24 attachment (vise) is possible.



Example of K-21 + K-50 being used together

K-53 V-BLOCK



- V-block dimensions:
30 × 30 × 50 mm
- Weight: 800 g
- Attachable sizes: 3 to 20 mmφ
- For K-16, 21, 280
- 2-piece set



Example of K-21 + K-53 being used together

K-24 VISE



- Jaw width: 50 mm
- Max. jaw opening: 33mm
- Jaw height: 12mm
- Weight: 250 g
- External dimensions:
50 (W) × 105 (H) × 35 (D) mm
- For K-21 / 50



Example of K-21 + K-24 being used together (mountable on the K-21 parallel guide)



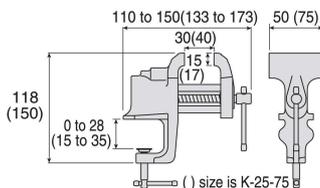
K-26 VISE

- Jaw width: 50 mm
- Max. jaw opening: 30mm
- Jaw height: 25 mm
- Weight: 1.2 kg
- External dimensions: 100 (W) × 175 (H) × 40 (D) mm
* With jaw at max. opening width.
- For K-16 / 280



K-25 BENCH VISES

Part no.	Jaw width mm	Max. opening mm	Weight kg
K-25-50	50	30	0.8
K-25-75	75	40	1.6



K-5 / 493 / 494 / 495 DRILL BIT SET

Part no.	Set contents mmφ	Content quantity	Weight g
K-495	0.5 / 0.6 / 0.8 / 1.0 / 1.2	5	5
K-5	0.8 / 1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.2	7	18
K-493	1.5 / 2.0 / 2.5 / 3.0 / 3.2 / 3.5 / 4.0 / 4.5 / 4.8 / 5.0 / 5.5 / 6.0 / 6.5	13	350
K-494	1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 / 7.0 / 7.5 / 8.0 / 8.5 / 9.0 / 9.5 / 10.0	19	680



K-495



K-5



K-494

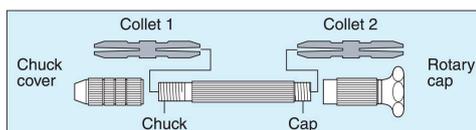


K-493

K-501 PIN VISE



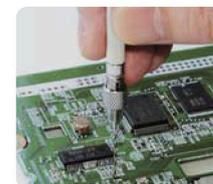
- Sizes:
(collet 1) 0 to 1.1 / 2.0 to 2.5 mmφ
(collet 2) 1.2 to 2.0 / 2.5 to 3.2 mmφ
- OAL: 102mm
- Weight: 41 g



K-502 PIN VISE



- Sizes: 0 to 1.2 mmφ
- OAL: 108mm
- Weight: 21 g



- Cutters & Pliers
- Wire strippers
- Crimpers
- Tweezers
- Screwdrivers & Wrenches
- Metal working
- Parts boxes
- Tool cases
- Tool kits
- Soldering irons & Solder
- Parts & Solder removal equipment
- Measuring instruments
- Optical equipment
- Antistatic products
- Clean products
- Chemical products
- Maintenance & Safety products
- Milling machine
- Pattern cutters
- Desk drill presses
- Circular saws
- PCB cutter
- Band saws
- Sheet metal bender
- Drilling tools
- Polishing pads
- Pipe cutter
- Files
- Sand blaster