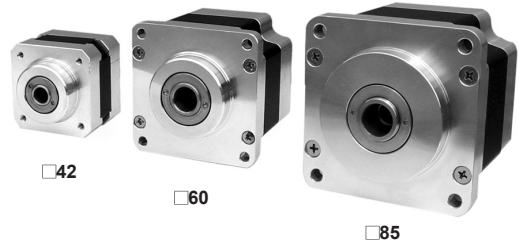


# AHK Series

## □42mm/□60mm/□85mm Hollow Shaft Type

### ■ Features

- Removable coupling connecting Ball-screw, TM-screw directly
- Remove resonance (vibration·noise) without coupling
- Compact design and light weight with high accuracy, speed and torque
- Suitable for small-sized equipment applications
- Cost-effective

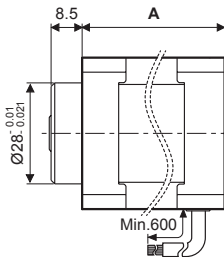
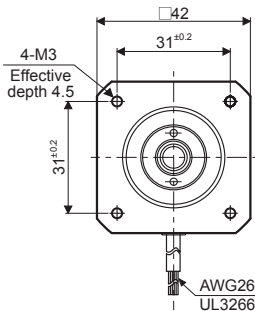


⚠ Please read "Caution for your safety" in operation manual before using.



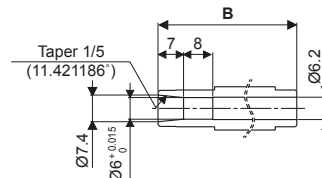
### ■ Dimensions

#### ◎ □42



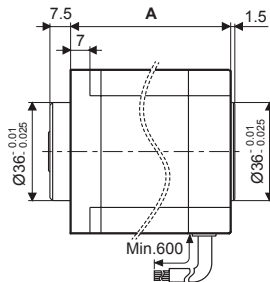
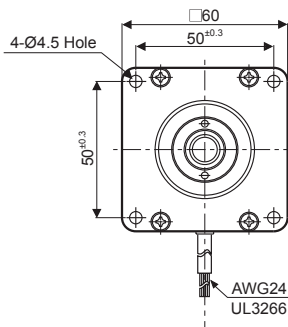
#### ● Hole dimensions

(unit:mm)



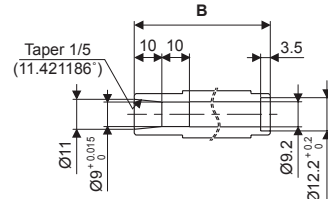
MODEL	A	B
AH1K-S543-□	33	38
AH2K-S544-□	39	44
AH3K-S545-□	47	52

#### ◎ □60



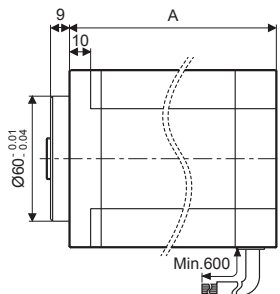
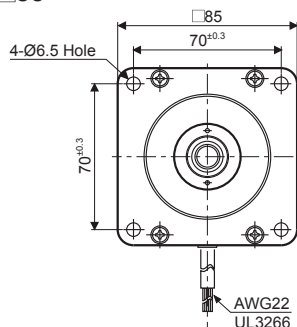
#### ● Hole dimensions

(unit: mm)



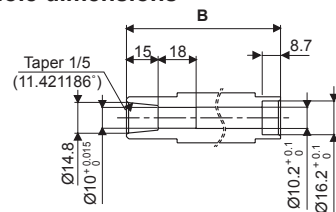
MODEL	A	B
AH4K-□564 (W)-□	48.5	49.3
AH8K-□566 (W)-□	59.5	60.3
AH16K-□569 (W)-□	89	89.8

#### ◎ □85



#### ● Hole dimensions

(unit: mm)



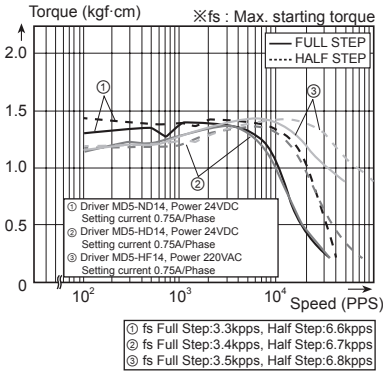
MODEL	A	B
AH21K-□596 (W)-□	68	73
AH41K-□599 (W)-□	98	102.5
AH63K-□5913 (W)-□	128	133

※ Depending on processing of shaft to be assembled, hollow shaft type can be used both single and dual shaft.

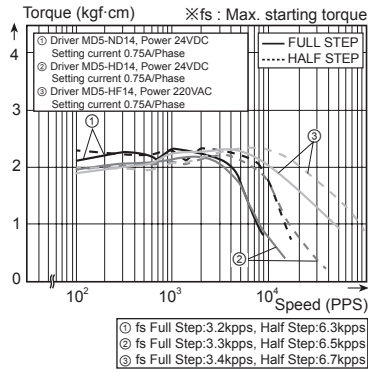
# 5-Phase Stepper Motor

## Characteristic

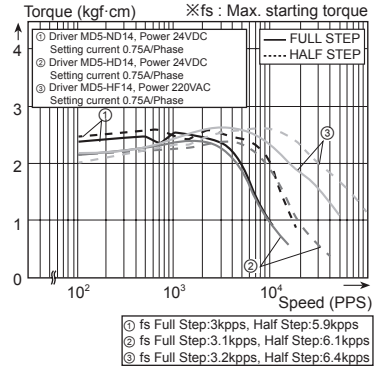
### • AH1K-S543-□



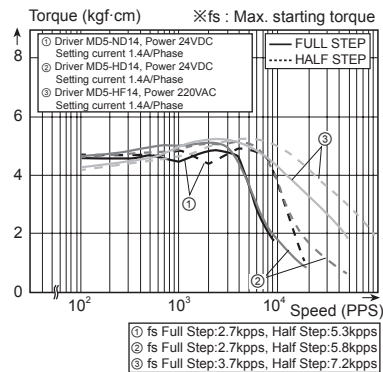
### • AH2K-S544-□



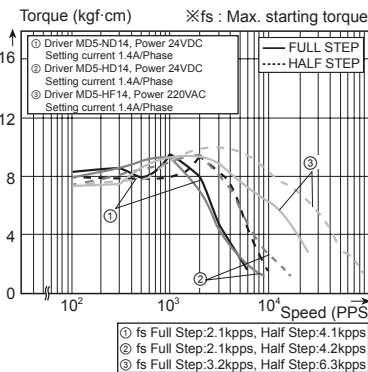
### • AH3K-S545-□



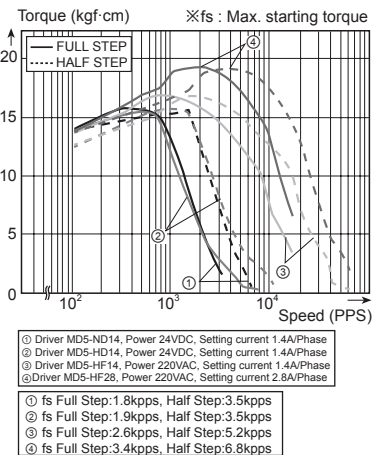
### • AH4K-S (M)564 (W)-□



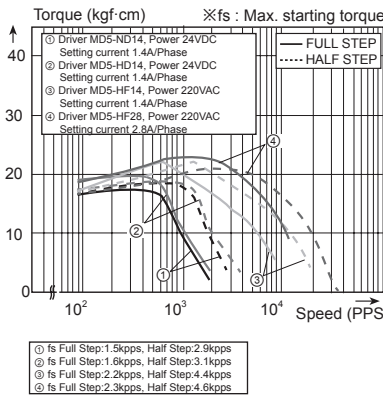
### • AH8K-S (M)566 (W)-□



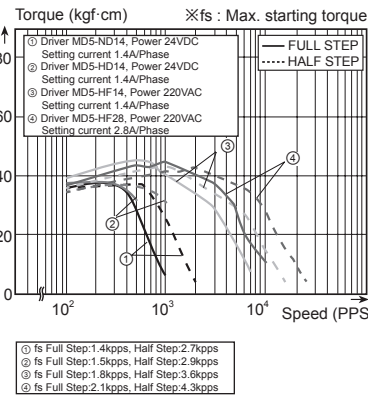
### • AH16K-M (G)569 (W)-□



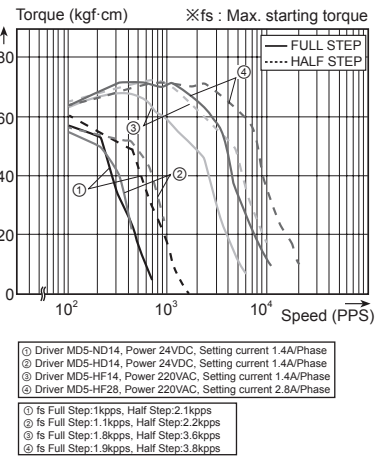
### • AH21K-M (G)596 (W)-□



### • AH41K-M (G)599 (W)-□



### • AH63K-M (G)5913 (W)-□



(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) Door/Area Sensors

(D) Proximity Sensors

(E) Pressure Sensors

(F) Rotary Encoders

(G) Connectors/ Sockets

(H) Temperature Controllers

(I) SSRs / Power Controllers

(J) Counters

(K) Timers

(L) Panel Meters

(M) Tacho / Speed / Pulse Meters

(N) Display Units

(O) Sensor Controllers

(P) Switching Mode Power Supplies

(Q) Stepper Motors & Controllers

(R) Graphic/ Logic Panels

(S) Field Network Devices

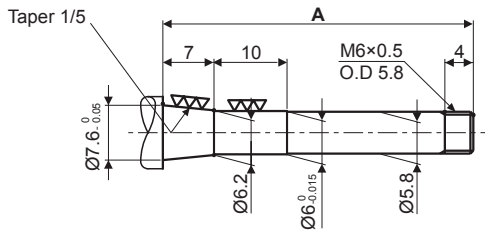
(T) Software

# AHK Series

## ■ Processing Example For Shaft Assembly

In order to assemble external shafts into Autonics motors, the shafts must be processed as shown in the figures below.

### ● □42 single shaft type

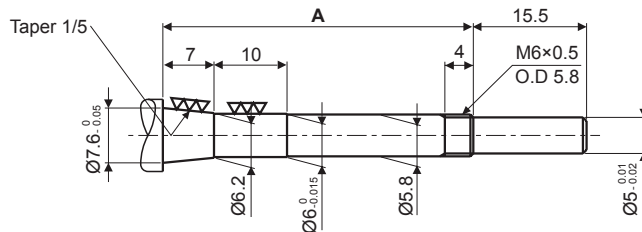


(unit: mm)

MODEL	A
AH1K-□543-□	42.5
AH2K-S544-□	48.5
AH3K-S545-□	56.5

※Lock Nut is included.

### ● □42 dual shaft type

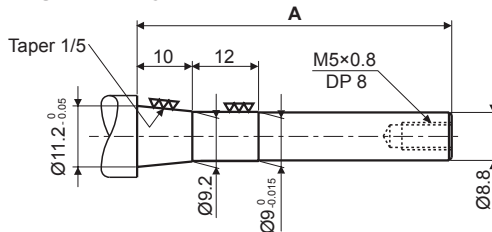


(unit: mm)

MODEL	A
AH1K-□543W-□	42.5
AH2K-□544W-□	48.5
AH3K-□545W-□	56.5

※Lock Nut is included.

### ● □60 single shaft type

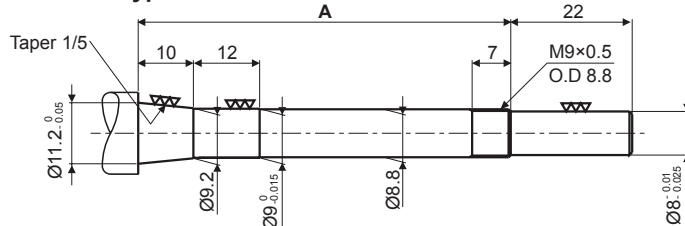


(unit: mm)

MODEL	A
AH4K-□564-□	46
AH8K-□566-□	57
AH16K-□569-□	86.5

※Hexagon wrench bolt, Flat washer, Spring washer and Lock Nut are included.

### ● □60 dual shaft type

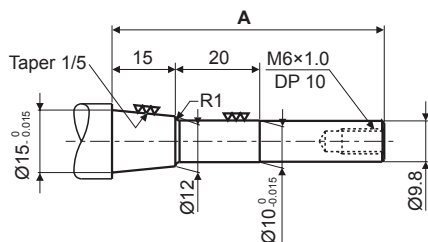


(unit: mm)

MODEL	A
AH4K-□564W-□	56.5
AH8K-□566W-□	67.5
AH16K-□569W-□	97

※Lock Nut is included.

### ● □85 single shaft type

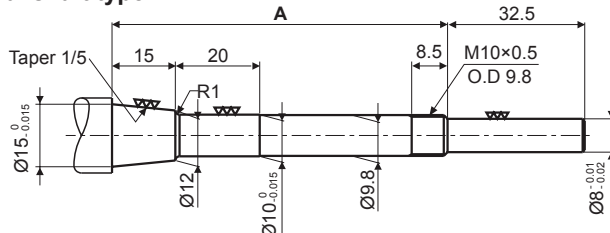


(unit: mm)

MODEL	A
AH21K-□596-□	64.5
AH41K-□599-□	94
AH63K-□5913-□	124.5

※Hexagon wrench bolt, Flat washer, Spring washer and Lock Nut are included.

### ● □85 dual shaft type



(unit: mm)

MODEL	A
AH21K-□596W-□	79.5
AH41K-□599W-□	109.5
AH63K-□5913W-□	139.5

※Lock Nut is included.