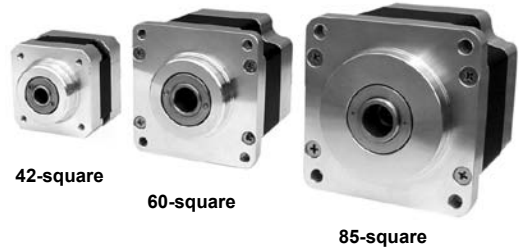


□42mm/□60mm/□85mm Hollow shaft type

■ Features

- Removeable the 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.



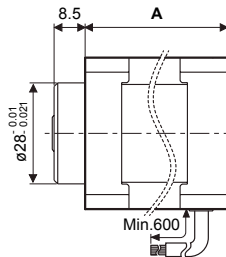
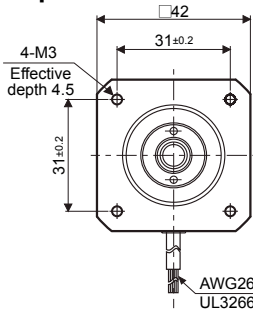
42-square

60-square

85-square

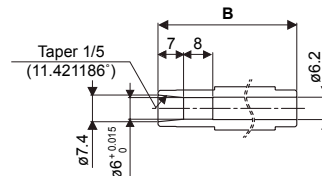
■ Dimensions

◎ 42-square



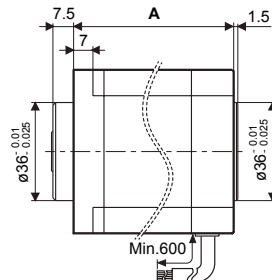
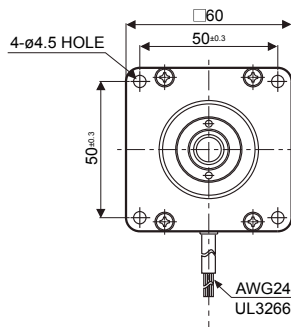
● Hole Dimensions

(unit: mm)



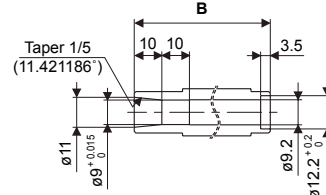
MODEL	A	B
AH1K-S543-□	33	38
AH2K-S544-□	39	44
AH3K-S545-□	47	52

◎ 60-square



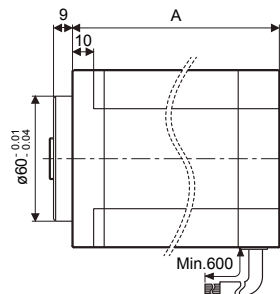
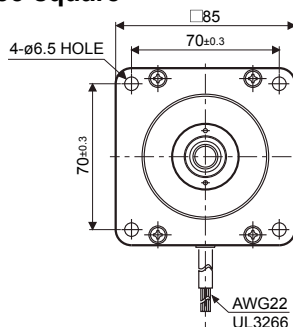
● Hole Dimensions

(unit: mm)



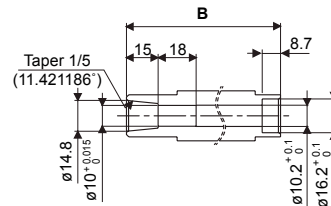
MODEL	A	B
AH4K-□564(W)-□	48.5	49.3
AH8K-□566(W)-□	59.5	60.3
AH16K-□569(W)-□	89	89.8

◎ 85-square



● Hole Dimensions

(unit: mm)



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

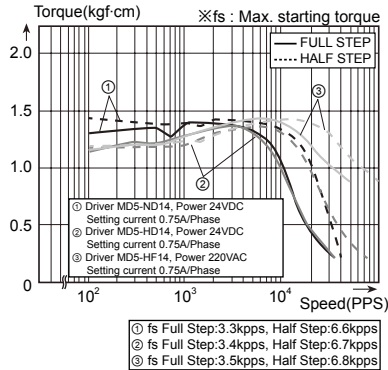
※ Depending on processing of shaft to be assembled, hollow shaft type can be used both single and dual shaft.

(A)	Photo electric sensor
(B)	Fiber optic sensor
(C)	Door/Area sensor
(D)	Proximity sensor
(E)	Pressure sensor
(F)	Rotary encoder
(G)	Connector/Socket
(H)	Temp. controller
(I)	SSR/Power controller
(J)	Counter
(K)	Timer
(L)	Panel meter
(M)	Tacho/Speed/Pulse meter
(N)	Display unit
(O)	Sensor controller
(P)	Switching mode power supply
(Q)	Stepper motor& Driver&Controller
(R)	Graphic/Logic panel
(S)	Field network device
(T)	Software
(U)	Other

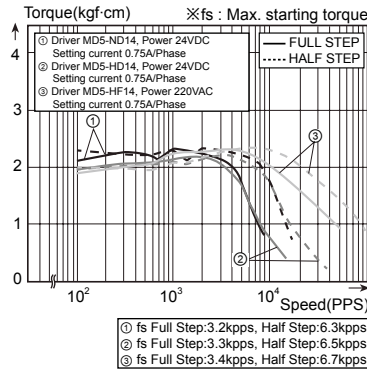
AHK Series

Characteristic

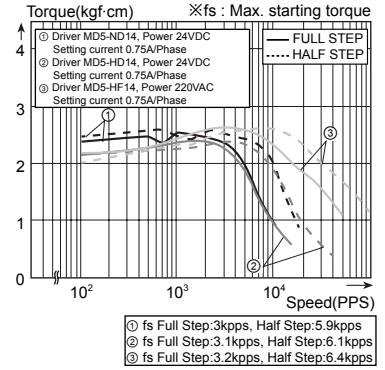
• AH1K-S543-□



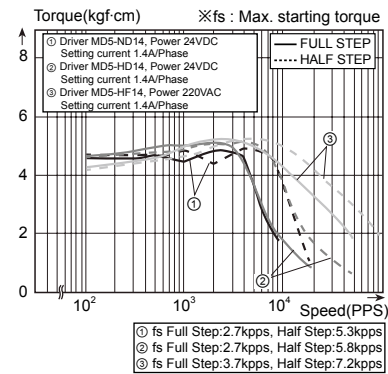
• AH2K-S544-□



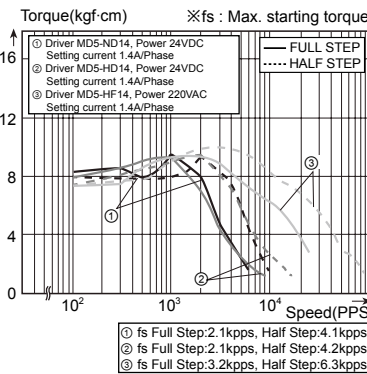
• AH3K-S545-□



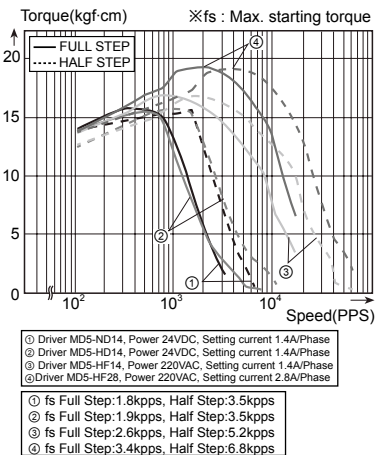
• AH4K-S(M)□564(W)-□



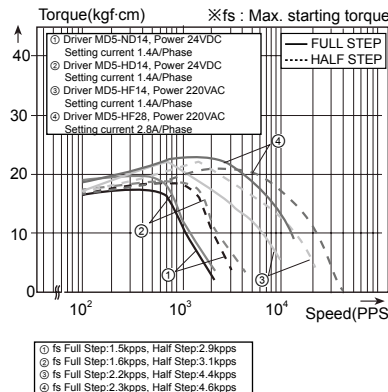
• AH8K-S(M)□566(W)-□



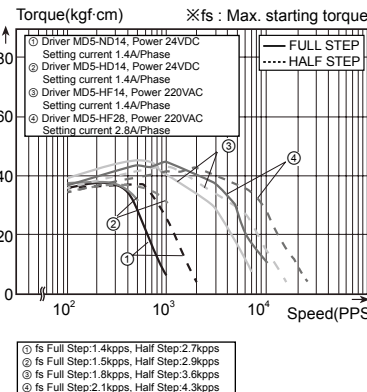
• AH16K-M(G)□569(W)-□



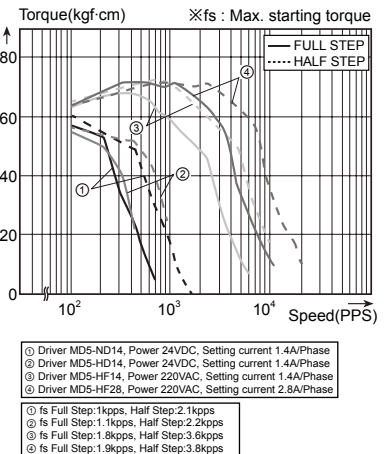
• AH21K-M(G)□596(W)-□



• AH41K-M(G)□599(W)-□



• AH63K-M(G)5913(W)-□

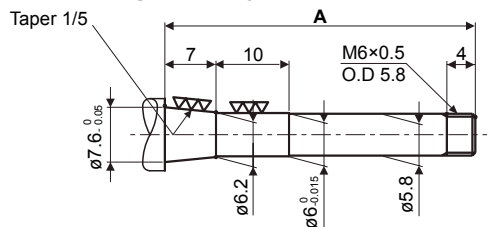


5-Phase Stepper motor

■ 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-square single shaft type

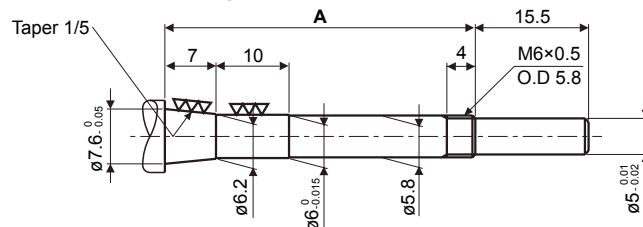


(unit: mm)

MODEL	A
AH1K-□S543-□	42.5
AH2K-□S544-□	48.5
AH3K-□S545-□	56.5

※Lock Nut is included.

● 42-square dual shaft type

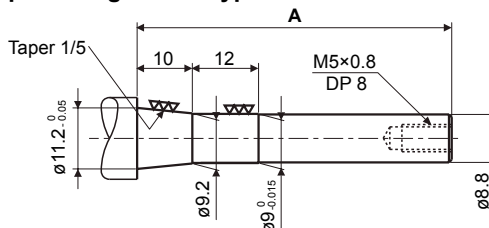


(unit: mm)

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

※Lock Nut is included.

● 60-square single shaft type

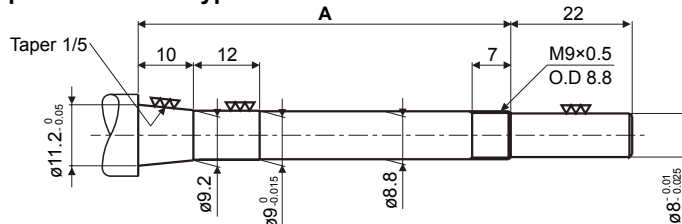


(unit: mm)

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-square dual shaft type

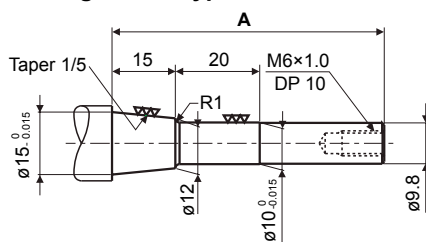


(unit: mm)

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

※Lock Nut is included.

● 85-square single shaft type

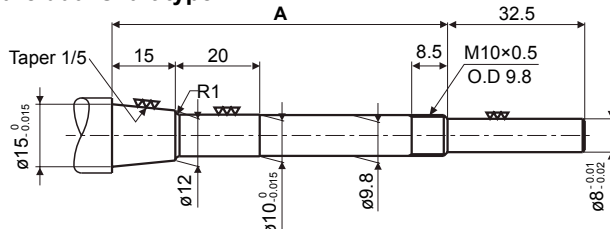


(unit: mm)

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-square dual shaft type



(unit: mm)

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

※Lock Nut is included.

(A) Photo electric sensor

(B) Fiber optic sensor

(C) Door/Area sensor

(D) Proximity sensor

(E) Pressure sensor

(F) Rotary encoder

(G) Connector/Socket

(H) Temp. controller

(I) SSR/Power controller

(J) Counter

(K) Timer

(L) Panel meter

(M) Tacho/Speed/ Pulse meter

(N) Display unit

(O) Sensor controller

(P) Switching mode power supply

(Q) Stepper motor& Driver&Controller

(R) Graphic/Logic panel

(S) Field network device

(T) Software

(U) Other