

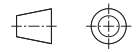
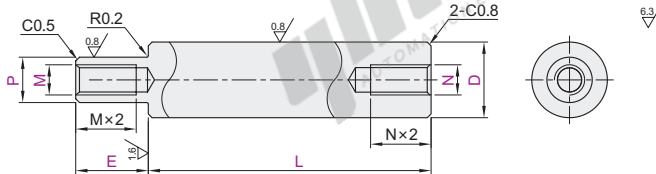
Rotary Shafts

Both Ends Tapped, Standard One End Stepped

Code	Type	Tolerance		Material		Surface Treatment
		D	P	GB	Equiv.	
MBK02	Both Ends Tapped	g6	g6	45	S45C	Electroless Nickel Plating
MBK16				0Cr18Ni9	SUS304	—
MBK42		h7	h7	45	S45C	Electroless Nickel Plating
MBK46				0Cr18Ni9	SUS304	—
MBK61		h9	g6	45	S45C	Electroless Nickel Plating
MBK66				0Cr18Ni9	SUS304	—
MBK82		h7	h7	45	S45C	Electroless Nickel Plating
MBK82				0Cr18Ni9	SUS304	—



D-P	g6	h7	h9
3.1~6	-0.004 -0.012	0 -0.012	0 -0.030
6.1~10	-0.005 -0.014	0 -0.015	0 -0.036
10.1~18	-0.006 -0.017	0 -0.018	0 -0.043
18.1~30	-0.007 -0.020	0 -0.021	0 -0.052
30.1~50	-0.009 -0.025	0 -0.025	0 -0.062



Roundness, straightness, perpendicularity and coaxiality, please refer to the introduction of shaft products.

The first perspective

g6

Part Number	0.1 mm Inc.	1 mm Inc.	M	N
Code	D _{g6}	L	E	P
6	18.0~300.0		5	3
8	18.0~400.0		3 4 5	3 4 5 6
10	18.0~500.0		4 5 6	4 5 6
12	25.0~600.0		When M3-M8 M+2≤P<D	5 6 8 5 6 8
13	25.0~700.0		5 6 8 10	5 6 8 10
15	25.0~700.0		5 6 8 10	5 6 8 10
16	35.0~600.0	1≤E≤P×6	When M10-M16 M+3≤P<D	5 6 8 10 12 5 6 8 10 12
17	35.0~600.0	1≤E≤P×6	5 6 8 10 12	5 6 8 10 12
18	45.0~800.0		When M20-24 M+4≤P<D	5 6 8 10 12 16 5 6 8 10 12 16
20	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
22	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	55.0~800.0		When M30 M+5≤P<D	8 10 12 16 20 8 10 12 16 20
30	55.0~800.0		8 10 12 16 20	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24	8 10 12 16 20 24
40	75.0~800.0		12 16 20 24 30	12 16 20 24 30
50	95.0~800.0		16 20 24 30	16 20 24 30



Optional Processing

Spec.

Changes L Dimension Tolerance
[Ordering Code] LC
□ L<400 changes to L±0.05
L≥400 changes to L±0.1

Adds 1 Set Screw Flat. LA()
[Ordering Code] LA10-G3
[Ordering Code] LB10-J3-Y10-X3

□ 1mm Increment
□ G·J·X ≤50.

Adds 2 Set Screw Flats. LB()
[Ordering Code] LB10-J3-Y10-X3
□ 1mm Increment
□ G·J·X ≤50.

h7

Part Number	0.1 mm Inc.	1 mm Inc.	M	N
Code	D _{h7}	L	E	P
6	18.0~300.0		5	3
8	18.0~400.0		3 4 5	3 4 5 6
10	18.0~500.0		4 5 6	4 5 6
12	25.0~600.0		When M3-M8 M+2≤P<D	5 6 8 5 6 8
13	25.0~700.0		5 6 8 10	5 6 8 10
15	25.0~700.0		When M10-M16 M+3≤P<D	5 6 8 10 12 5 6 8 10 12
16	35.0~600.0	1≤E≤P×6	5 6 8 10 12	5 6 8 10 12 16
17	35.0~600.0	1≤E≤P×6	5 6 8 10 12	5 6 8 10 12 16
18	45.0~800.0		When M20-24 M+4≤P<D	5 6 8 10 12 16 5 6 8 10 12 16
20	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
22	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	55.0~800.0		When M30 M+5≤P<D	8 10 12 16 20 8 10 12 16 20
30	55.0~800.0		8 10 12 16 20	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24	8 10 12 16 20 24
40	75.0~800.0		12 16 20 24 30	12 16 20 24 30
50	95.0~800.0		16 20 24 30	16 20 24 30

Adds 1 Keyway. KB()
[Ordering Code] KB50-S10
[Ordering Code] KC50-C8-K40-T10

□ 1mm Increment
□ S·T·C ≤100.

Adds 2 Keyways. KC()
[Ordering Code] KC50-C8-K40-T10
□ 1mm Increment
□ S·T·C ≤100.

Adds a Slit Cam Groove
[Ordering Code] KD10
□ 1mm Increment
□ Only applicable to D=6~12.

h9

Part Number	0.1 mm Inc.	1 mm Inc.	M	N
Code	D _{h9}	L	E	P
6	18.0~300.0		5	3
8	18.0~400.0		When M3-M8 M+2≤P<D	3 4 5 3 4 5
10	18.0~500.0		4 5 6	4 5 6
12	25.0~600.0		When M10-M16 M+3≤P<D	5 6 8 5 6 8
13	25.0~700.0		5 6 8 10	5 6 8 10
15	25.0~700.0	2≤E≤P×5	5 6 8 10	5 6 8 10 12 16
16	35.0~600.0	2≤E≤P×5	5 6 8 10 12	5 6 8 10 12 16
17	35.0~600.0	2≤E≤P×5	5 6 8 10 12	5 6 8 10 12 16
18	45.0~800.0		When M20-24 M+4≤P<D	5 6 8 10 12 16 5 6 8 10 12 16
20	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
22	45.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	55.0~800.0		When M30 M+5≤P<D	8 10 12 16 20 8 10 12 16 20
30	55.0~800.0		8 10 12 16 20	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24	8 10 12 16 20 24

Adds a Retaining Ring Groove.
(Applicable retaining rings are included.)
[Ordering Code] MA10—MB10
□ 1mm Increment
□ MA(MB)=4~L/2
□ For retaining ring groove details, please refer to the product introduction.



Please order as shown

Part Number	D	L	E	P	M	N
MBK02	6	18~300	1≤E≤P×6	5	3	3
MBK02	8	18~400	M+2≤P<D	3 4	3 4	3 4

MBK02—D6—L150—E20—P5—M3—N3

Optional Processing

Part Number	D	L	E	P	M	N	Optional Processing Code
MBK02	6	18~300	1≤E≤P×6	5	3	3	LC
MBK02	8	18~400	M+2≤P<D	3 4	3 4	3 4	LA()

MBK02—D6—L150—E20—P5—M3—N3—LC



Discount price
Per 1~4 5~
Price 100% Additional quotation



Delivery
8



Delivery
10

□ No Surface Treatment

□ With Surface Treatment