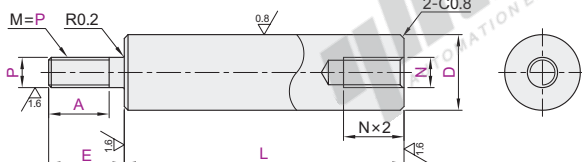


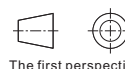
Rotary Shafts

One End Threaded & One End Tapped, Standard One End Stepped

Code	Type		Tolerance		Material		Surface Treatment
			D	P	GB	Equiv.	
MBN02	One End Threaded & One End Tapped	Standard	g6	P	45	S45C	Electroless Nickel Plating
MBN16					0Cr18Ni9	SUS304	—
MBN41			h7	h7	45	S45C	Electroless Nickel Plating
MBN46					0Cr18Ni9	SUS304	—
MBN66		h9	g6	0Cr18Ni9	SUS304	—	
MBN81				0Cr18Ni9	SUS304	—	
MBN82				h7	45	S45C	Electroless Nickel Plating
MBN82					0Cr18Ni9	SUS304	—



D-P	g6	h7	h9
3	-0.002 -0.008	0 -0.010	0 -0.025
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.	P	N
Code D _{g6}	L	E	A	
6	18.0~300.0		3 4 5	3 4
8	18.0~400.0		3 4 5 6	3 4 5 6
10	18.0~500.0		4 5 6 8	4 5 6
12	25.0~600.0		5 6 8 10	5 6 8
13	20.0~600.0		5 6 8 10	5 6 8
15	25.0~700.0		5 6 8 10 12	5 6 8 10
16	20.0~800.0		5 6 8 10 12	5 6 8 10
17	35.0~600.0		5 6 8 10 12	5 6 8 10 12
18	25.0~800.0		5 6 8 10 12	5 6 8 10 12
20	35.0~600.0		5 6 8 10 12 16	5 6 8 10 12
22	25.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	45.0~800.0		5 6 8 10 12 16 20	5 6 8 10 12 16
30	55.0~800.0		8 10 12 16 20 24	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24 30	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

h7

Part Number	0.1 mm Inc.	1 mm Inc.	P	N
Code D _{h7}	L	E	A	
6	18.0~300.0		3 4 5	3 4
8	18.0~400.0		3 4 5 6	3 4 5 6
10	18.0~500.0		4 5 6 8	4 5 6
12	25.0~600.0		5 6 8 10	5 6 8
15	25.0~700.0		5 6 8 10 12	5 6 8 10
20	35.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	45.0~800.0		5 6 8 10 12 16 20	5 6 8 10 12 16
30	55.0~800.0		8 10 12 16 20 24	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24 30	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

h9

Part Number	0.1 mm Inc.	1 mm Inc.	P	N
Code D _{h9}	L	E	A	
6	18.0~300.0		3 4 5	3 4
8	18.0~400.0		3 4 5 6	3 4 5 6
10	18.0~500.0		4 5 6 8	4 5 6
12	25.0~600.0		5 6 8 10	5 6 8
15	25.0~700.0		5 6 8 10 12	5 6 8 10
20	35.0~800.0		5 6 8 10 12 16	5 6 8 10 12 16
25	45.0~800.0		5 6 8 10 12 16 20	5 6 8 10 12 16
30	55.0~800.0		8 10 12 16 20 24	8 10 12 16 20
35	65.0~800.0		8 10 12 16 20 24 30	12 16 20 24



Part Number	L	E	A	P	N
Code D					
MBN02	6 18-300	5 5 ≤ E ≤ P × 8	When P ≤ 6	3 4 5	3 4
MBN16	8 18-400	5 5 ≤ E ≤ P × 8	When P ≤ 6	3 4 5 6	3 4 5 6

MBN02—D6—L150—E20—A7—P3—N3

Optional Processing

Part Number	L	E	A	P	N	Optional Processing Code
Code D						
MBN02	6 18-300	5 5 ≤ E ≤ P × 8	When P ≤ 6	3 4 5	3 4	MC()
MBN16	8 18-400	5 5 ≤ E ≤ P × 8	When P ≤ 6	3 4 5 6	3 4 5 6	MC()

MBN02—D6—L150—E20—A7—P3—N3—LC



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



No Surface Treatment



with Surface Treatment



Optional Processing

Spec.

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

Changes threads to Fine Thread in the Right Table
Ordering Code MC20
MC() (Fine Thread)

Adds 1 Set Screw Flat. LA()
LA() LB()
Ordering Code LA10-G3
Ordering Code LB10-J3-Y10-X3
1 mm Increment
G-J-X ≤ 50.

Adds 1 Keyway. KB()
KB() KC()
Ordering Code KB50-S10
Ordering Code KC50-C8-K40-T10
1 mm Increment
S-T-C ≤ 100.
If 3 keyways are required, use both KB() and KC().
For keyway details, please refer to the product introduction.

Adds a Keyway on the Shaft End P
Ordering Code PA10
1 mm Increment
PA ≥ 50, PA ≤ 2, P ≤ 5 Not applicable.
For keyway details, please refer to the product introduction.

Adds a Slit Cam Groove
Ordering Code KD10
1 mm Increment
D d V2
6 5 4
8 7 4
10 8 5
12 10 5

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