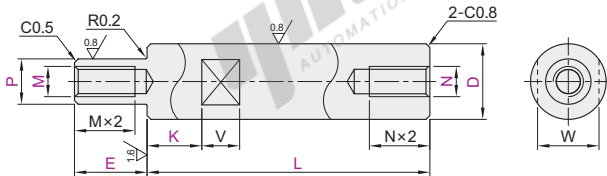


Both Ends Tapped, with Wrench Flats ▶

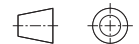
One End Stepped

Rotary Shafts

Code	Type	Tolerance		Material		Surface Treatment
		D	P	GB	Equiv.	
MBK12	Both Ends Tapped	g6	g6	45	S45C	Electroless Nickel Plating
MBK26				0Cr18Ni9	SUS304	—
MBK56		h7	h7	0Cr18Ni9	SUS304	—
MBK92				45	S45C	Electroless Nickel Plating
MBK96		h9	h7	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	K	W	V
Code	D _{g6}	L	E	P	1 mm Inc.		
6	18~300		5	3	3	5	
8	18~400			3 4 5	3 4 5 6	7	10
10	18~500		When M3-M8	4 5 6	4 5 6	8	
12	25~600		M+2sP<D	5 6 8	5 6 8	10	
13	25~700			5 6 8	5 6 8	11	
15	25~700		When M10-M16	5 6 8 10	5 6 8 10	13	
16			M+3sP<D	5 6 8 10	5 6 8 10	14	12
17	35~600	1sEsP×6		5 6 8 10 12	5 6 8 10 12	15	
20			When M20-24	5 6 8 10 12	5 6 8 10 12	17	
22			M+4sP<D	5 6 8 10 12 16	5 6 8 10 12 16	19	
25	45~800			5 6 8 10 12 16	5 6 8 10 12 16	22	
30	55~800		When M30	8 10 12 16 20	8 10 12 16 20	27	16
35	65~800			8 10 12 16 20 24	8 10 12 16 20 24	30	
40	75~800		M+5sP<D	12 16 20 24 30	12 16 20 24 30	36	20
50	95~800			16 20 24 30	16 20 24 30	41	



Optional Processing

Code	Spec.
LC	Changes L Dimension Tolerance Ordering Code LC Ⓛ L<400 changes to L±0.05 L≥400 changes to L±0.1
LA()	Adds 1 Set Screw Flat. LA() Ordering Code LA10-G3 Ordering Code LB10-J3-Y10-X3 Ⓛ 1mm Increment Ⓛ G·J·X ≤50.
LB()	Adds 2 Set Screw Flats. LB() Ordering Code KB50-S10 Ordering Code KC50-C8-K40-T10 Ⓛ 1mm Increment Ⓛ S·T·C ≤100. Ⓛ If 3 keyways are required, use both KB() and KC(). Ⓛ For keyway details, please refer to the product in production.
KD()	Adds a Slit Cam Groove Ordering Code KD10 Ⓛ 1mm Increment Ⓛ Only applicable to D=6~12.
MA()	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.

h7

Part Number	0.1 mm Inc.	1 mm Inc.	M	N	K	W	V
Code	D _{h7}	L	E	P	1 mm Inc.		
6	18~300		5	3	3	5	
8	18~400			3 4 5	3 4 5 6	7	10
10	18~500		When M3-M8	4 5 6	4 5 6	8	
12	25~600		M+2sP<D	5 6 8	5 6 8	10	
15	25~700		When M10-M16	5 6 8 10	5 6 8 10	13	
16			M+3sP<D	5 6 8 10 12	5 6 8 10 12 16	14	12
17	35~600	1sEsP×6		5 6 8 10 12	5 6 8 10 12 16	15	
20			When M20-24	5 6 8 10 12 16	5 6 8 10 12 16	17	
22			M+4sP<D	8 10 12 16 20	8 10 12 16 20	27	16
30	55~800		When M30	8 10 12 16 20 24	8 10 12 16 20 24	30	
35	65~800			12 16 20 24 30	12 16 20 24 30	36	20
40	75~800		M+5sP<D	16 20 24 30	16 20 24 30	41	
50	95~800			16 20 24 30	16 20 24 30	41	

h9

Part Number	0.1 mm Inc.	1 mm Inc.	M	N	K	W	V
Code	D _{h9}	L	E	P	1 mm Inc.		
6	18~300		5	3	3	5	
8	18~400		When M3-M8	3 4 5	3 4 5	7	10
10	18~500		M+2sP<D	4 5 6	4 5 6	8	
12	25~600			5 6 8	5 6 8	10	
15	25~700		When M10-M16	5 6 8 10	5 6 8 10	13	
16			M+3sP<D	5 6 8 10 12	5 6 8 10 12 16	14	12
17	35~600	2sEsP×5		5 6 8 10 12	5 6 8 10 12 16	15	
20			When M20-24	5 6 8 10 12 16	5 6 8 10 12 16	17	
22			M+4sP<D	8 10 12 16 20	8 10 12 16 20	27	16
30	55~800		When M30	8 10 12 16 20 24	8 10 12 16 20 24	30	
35	65~800		M+5sP<D	12 16 20 24 30	12 16 20 24 30	36	20
40	75~800			16 20 24 30	16 20 24 30	41	
50	95~800			16 20 24 30	16 20 24 30	41	



Please order as shown

Part Number	L	E	P	M	N	K
Code	D					
MBK12	6 18~300	1sEsP×6	5	3 4 3 4	3 4 3 4	K=0 or K≥1
MBK12	8 18~400	1sEsP×6	5	3 4 3 4	3 4 3 4	K=0 or K≥1

MBK12—D6—L150—E20—P5—M3—N3—K0

Optional Processing

Part Number	L	E	P	M	N	K	Optional Processing Code
Code	D						
MBK12	6 18~300	1sEsP×6	5	3 4 3 4	3 4 3 4	K=0 or K≥1	LA() ...
MBK12	8 18~400	1sEsP×6	5	3 4 3 4	3 4 3 4	K=0 or K≥1	LA() ...

MBK12—D6—L150—E20—P5—M3—N3—K0—LC



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



Delivery 8



Delivery 10

Ⓛ No Surface Treatment

Ⓛ with Surface Treatment