

One End Threaded & One End Tapped, with Wrench Flats

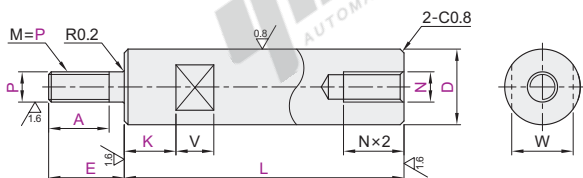
One End Stepped

Rotary Shafts

Code	Type	Tolerance	Material		Surface Treatment
			D	P	
MBN12	One End Threaded & One End Tapped	g6	h7	h7	Electroless Nickel Plating
MBN26					
MBN52					
MBN56					
MBN72		h9	h7	g6	Electroless Nickel Plating
MBN76					
MBN92					
MBN96					



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 -0.017	0 -0.015	0 -0.036
10.1~18	-0.006 -0.020	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.



g6

Part Number	0.1 mm Inc.	1 mm Inc.	P	N	K	W	V
Code	D _{g6}	L	E	A	1 mm Inc.		
6 18-300			3 4 5	3 4		5	
8 18-400			3 4 5 6	3 4 5 6		7	10
10 18-500			4 5 6 8	4 5 6		8	
12 25-600		When P≤6	5 6 8 10	5 6 8		10	
13 20-600		A≤E-2	5 6 8 10	5 6 8		11	
15 25-700			5 6 8 10 12	5 6 8 10		13	
16 20-600			5 6 8 10 12	5 6 8 10		14	12
MBN12		When P=8-10	5 6 8 10 12	5 6 8 10 12	K=0 or K≥1	15	
MBN26		5≤E≤P×8	5 6 8 10 12	5 6 8 10 12		17	
18 25-800		A≤E-3	5 6 8 10 12	5 6 8 10 12		19	
20 35-600			5 6 8 10 12 16	5 6 8 10 12 16		22	
22 25-800			5 6 8 10 12 16	5 6 8 10 12 16		27	16
25 45-800		When P≥12	5 6 8 10 12 16 20	5 6 8 10 12 16 20		30	
30 55-800		A≤E-5	8 10 12 16 20 24	8 10 12 16 20 24		36	20
35 65-800			8 10 12 16 20 24 30	8 10 12 16 20 24 30		41	
40 75-800			12 16 20 24 30	12 16 20 24 30			
50 95-800			16 20 24 30	16 20 24 30			

h7

Part Number	0.1 mm Inc.	1 mm Inc.	P	N	K	W	V
Code	D _{h7}	L	E	A	1 mm Inc.		
6 18-300			3 4 5	3 4		5	
8 18-400			4 5 6	3 4 5 6		7	10
10 18-500		When P≤6	4 5 6 8	4 5 6		8	
12 25-600		A≤E-2	5 6 8 10	5 6 8		10	
15 25-700			5 6 8 10 12	5 6 8 10		13	
20 35-600		When P=8-10	5 6 8 10 12 16	5 6 8 10 12 16	K=0 or K≥1	17	12
MBN52		5≤E≤P×8	5 6 8 10 12 16	5 6 8 10 12 16		22	
MBN56		A≤E-3	5 6 8 10 12 16 20	5 6 8 10 12 16 20		27	16
30 55-800			8 10 12 16 20 24	8 10 12 16 20 24		30	
35 65-800		When P≥12	8 10 12 16 20 24 30	8 10 12 16 20 24 30		36	20
40 75-800		A≤E-5	12 16 20 24 30	12 16 20 24 30			
50 95-800			16 20 24 30	16 20 24 30			

h9

Part Number	0.1 mm Inc.	1 mm Inc.	P	N	K	W	V
Code	D _{h9}	L	E	A	1 mm Inc.		
6 18-300			3 4 5	3 4		5	
8 18-400			4 5 6	3 4 5 6		7	10
10 18-500		When P≤6	4 5 6 8	4 5 6		8	
12 25-600		A≤E-2	5 6 8 10	5 6 8		10	
15 25-700			5 6 8 10 12	5 6 8 10		13	
20 35-600		When P=8-10	5 6 8 10 12 16	5 6 8 10 12 16	K=0 or K≥1	17	12
MBN72		5≤E≤P×8	5 6 8 10 12 16	5 6 8 10 12 16		22	
MBN76		A≤E-3	5 6 8 10 12 16 20	5 6 8 10 12 16 20		27	16
MBN92			8 10 12 16 20 24	8 10 12 16 20 24		30	
MBN96		When P≥12	8 10 12 16 20 24 30	8 10 12 16 20 24 30		36	20
		A≤E-5	12 16 20 24 30	12 16 20 24 30			



Part Number	D	L	E	A	P	N	K
MBN12	6	18-300	5≤E≤P×8	When P≤6	3 4 5	3 4	K=0 or K≥1
MBN26	8	18-400	5≤E≤P×8	When P≤6	3 4 5 6	3 4 5 6	K=0 or K≥1

MBN12—D6—L150—E20—A7—P3—N3—K5

Optional Processing

Part Number	D	L	E	A	P	N	K	Optional Processing code
MBN12	6	18-300	5≤E≤P×8	When P≤6	3 4 5	3 4	K=0 or K≥1	MC()
MBN26	8	18-400	5≤E≤P×8	When P≤6	3 4 5 6	3 4 5 6	K=0 or K≥1	MC()

MBN12—D6—L150—E20—A7—P3—N3—K5—LC



Per	1~4	5~
Price	100%	Additional quotation



No Surface Treatment



With Surface Treatment



Code	Spec.
LC	Changes L Dimension Tolerance Ordering Code LC L<400 changes to L±0.05 L≥400 changes to L±0.1
MC()	Change the Thread to Fine Thread in the Right Table Ordering Code MC20 MC(X) (Fine Thread)
LA()	Adds 1 Set Screw Flat. LA() Ordering Code LA10-G3 LA(L) (G) h
LB()	Adds 2 Set Screw Flats. LB() Ordering Code LB10-J3-Y10-X3 LB(L) (J) (Y) (X) h
KB()	Adds 1 Keyway. KB() Ordering Code KB50-S10 KB(L) (S) h
KC()	Adds 2 Keyways. KC() Ordering Code KC50-C8-K40-T10 KC(L) (C) (T) h
PA()	Adds a Keyway on the Shaft End P Ordering Code PA10 PA(L) h
KD()	Adds a Slit Cam Groove Ordering Code KD10 KD(L) h
MA()	Adds a Retaining Ring Groove. (Applicable retaining rings are included) Ordering Code MA10—MB10 MA(L) (MB) h