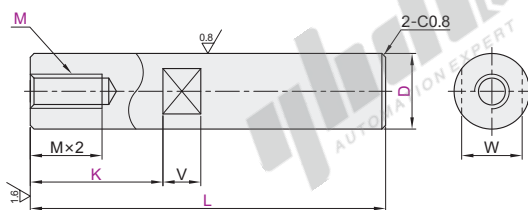


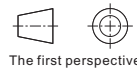
Rotary Shafts

One End Tapped, with Wrench Flats Straight

Code	Type		D Tolerance	Material		Surface Treatment
				GB	Equiv.	
MAG12	One End Tapped	with Wrench Flats	g6	45	S45C	Electroless Nickel Plating
MAG21				0Cr18Ni9	SUS304	—
MAG52			h7	45	S45C	Electroless Nickel Plating
MAG61				0Cr18Ni9	SUS304	—
MAG82			h9	45	S45C	Electroless Nickel Plating
MAG91				0Cr18Ni9	SUS304	—



D	g6	h7	h9
4~6	-0.004 -0.012	0 -0.012	0 -0.030
8~10	-0.005 -0.014	0 -0.015	0 -0.036
12~18	-0.006 -0.017	0 -0.018	0 -0.043
20~30	-0.007 -0.020	0 -0.021	0 -0.052
35~50	-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	Code	D _{g6}	0.1 mm Inc.	L	M	Wrench Flats K(1 mm Inc.)	W	V
MAG12 MAG21	4	12.0~200.0	2	2.6 3	—	—	—	—
	5	12.0~250.0	2.6 3	—	—	—	—	—
	6	18.0~300.0	—	4	—	—	5	—
	8	18.0~400.0	—	4 5 6	—	—	7	10
	10	18.0~500.0	—	4 5 6	—	—	8	—
	12	25.0~600.0	—	5 6 8	—	—	10	—
	13	25.0~600.0	—	5 6 8	—	—	11	—
	15	25.0~700.0	—	5 6 8 10	—	—	13	—
	16	25.0~800.0	—	5 6 8 10	—	—	14	12
	17	35.0~800.0	—	5 6 8 10 12	—	—	15	—
	18	35.0~800.0	—	5 6 8 10 12	—	—	16	—
	20	45.0~800.0	—	5 6 8 10 12 16	—	—	17	—
	22	45.0~800.0	—	5 6 8 10 12 16	—	—	19	—
	25	55.0~800.0	—	8 10 12 16 20	—	—	22	—
	30	65.0~800.0	—	8 10 12 16 20 24	—	—	27	16
	35	75.0~800.0	—	12 16 20 24 30	—	—	36	—
	40	95.0~800.0	—	16 20 24 30	—	—	41	—
	50	95.0~800.0	—	—	—	—	—	—



Part Number	Code	D	L	M	K(1 mm Inc.)
MAG12	12	25.0~600.0	5 6 8	—	K=0 or K<1
MAG21	13	25.0~600.0	5 6 8	—	—

MAG12—D12—L30—M6—K10

Optional Processing

Part Number	Code	D	L	M	K(1 mm Inc.)	Optional Processing Code
MAG12	12	25.0~600.0	5 6 8	—	K=0 or K<1	LA()...
MAG21	13	25.0~600.0	5 6 8	—	—	—

MAG12—D12—L30—M6—K10—LC

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



No Surface Treatment

with Surface Treatment

h7

Part Number	Code	D _{h7}	0.1 mm Inc.	L	M	Wrench Flats K(1 mm Inc.)	W	V
MAG52 MAG61	4	12.0~200.0	2	2.6 3	—	—	—	—
	5	12.0~250.0	2.6 3	—	—	—	—	—
	6	18.0~300.0	—	3 4	—	—	5	—
	8	18.0~400.0	—	3 4 5 6	—	—	7	10
	10	18.0~500.0	—	4 5 6	—	—	8	—
	12	25.0~600.0	—	5 6 8	—	—	10	—
	15	25.0~700.0	—	5 6 8 10	—	—	13	—
	16	25.0~800.0	—	5 6 8 10 12 16	—	—	14	12
	17	35.0~800.0	—	5 6 8 10 12 16	—	—	15	—
	20	45.0~800.0	—	8 10 12 16 20	—	—	17	—
	22	45.0~800.0	—	8 10 12 16 20	—	—	19	—
	25	55.0~800.0	—	8 10 12 16 20 24	—	—	22	16
	30	65.0~800.0	—	12 16 20 24 30	—	—	27	—
	35	75.0~800.0	—	16 20 24 30	—	—	36	—
	40	95.0~800.0	—	—	—	—	41	—
	50	95.0~800.0	—	—	—	—	—	—

h9

Part Number	Code	D _{h9}	0.1 mm Inc.	L	M	Wrench Flats K(1 mm Inc.)	W	V
MAG82 MAG91	4	12.0~200.0	2	2.6 3	—	—	—	—
	5	12.0~250.0	2.6 3	—	—	—	—	—
	6	18.0~300.0	—	3 4	—	—	5	—
	8	18.0~400.0	—	3 4 5 6	—	—	7	10
	10	18.0~500.0	—	4 5 6	—	—	8	—
	12	25.0~600.0	—	5 6 8	—	—	10	—
	15	25.0~700.0	—	5 6 8 10	—	—	13	—
	16	25.0~800.0	—	5 6 8 10 12 16	—	—	14	12
	17	35.0~800.0	—	5 6 8 10 12 16	—	—	15	—
	20	45.0~800.0	—	8 10 12 16 20	—	—	17	—
	22	45.0~800.0	—	8 10 12 16 20	—	—	19	—
	25	55.0~800.0	—	8 10 12 16 20 24	—	—	22	16
	30	65.0~800.0	—	12 16 20 24 30	—	—	27	—
	35	75.0~800.0	—	16 20 24 30	—	—	36	—
	40	95.0~800.0	—	—	—	—	41	—
	50	95.0~800.0	—	—	—	—	—	—



Optional Processing

Code	LC	LA()·LB()	KB()·KC()	KD()
Spec.	Ordering Code LC Ⓜ L<400 changes to L±0.05 L≥400 changes to L±0.1	Ordering Code LA10-G3 Ordering Code LB10-J3-Y10-X3 Ⓜ 1 mm Inc. Ⓜ G·J·X ≤50.	Ordering Code KB50-S10 Ordering Code KC50-C8-F40-T10 Ⓜ 1 mm Inc. Ⓜ S·T·C ≤100. Ⓜ If 3 keyways are required, use both KB() and KC(). Ⓜ Not applicable to D=4~5. Ⓜ For keyway details, please refer to the product introduction.	Ordering Code KD10 Ⓜ 1 mm Inc. Ⓜ Only applicable to D=6~12.
	D H 6~17 1 18~40 2 50 3	D H 6~17 1 18~40 2 50 3	D H 6~17 1 18~40 2 50 3	D d V2 6 5 4 8 7 4 10 8 5 12 10 5