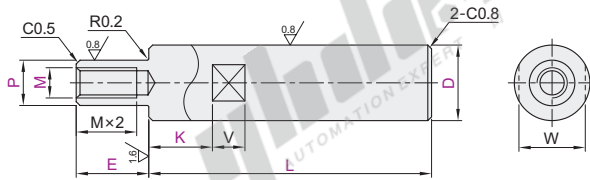


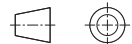
with Wrench Flats ▶ One End Stepped and Tapped

Rotary Shafts

Code	Type		Tolerance		Material		Surface Treatment
			D	P	GB	Equiv.	
MBJ12	One End Stepped and Tapped	with Wrench Flats	g6	g6	45	S45C	Electroless Nickel Plating
MBJ52			h7	h7			



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



① Circularity, straightness, perpendicularity and concentricity, please refer to the introduction of shaft products.

The first perspective

g6

Part Number	0.1 mm Increment	1 mm Inc.	M	Wrench Flats K(1 mm Inc.)	W	V
Code	D _{g6}	L	E	P		
MBJ12	6	18.0~300.0		5	3	5
	8	18.0~400.0			3 4 5	7
	10	18.0~500.0			4 5 6	8
	12	20.0~600.0		When M3-M8	5 6 8	10
	13	20.0~700.0		M+2sP<D	5 6 8	12
	16				5 6 8 10	13
	17			When M10-M16	5 6 8 10	14
	18		1sEsPx6	M+2sP<D	5 6 8 10 12	15
	20	25.0~800.0		When M20-24	5 6 8 10 12	17
	22			M+2sP<D	5 6 8 10 12 16	19
	25				5 6 8 10 12 16	22
	30			When M30	8 10 12 16 20	27
	35			M+2sP<D	8 10 12 16 20 24	30
	40	35.0~800.0			12 16 20 24 30	36
	50				16 20 24 30	41



Code	Spec.
LC	Changes L Dimension Tolerance Ordering Code LC ① L<400 changes to L±0.05 L≥400 changes to L±0.1
	LA() LB()
KB() KC()	Adds 1 Set Screw Flat. LA() Ordering Code LA10-G3 Ordering Code LB10-J3-Y10-X3 ① 1 mm Increment ② G·J·X ≤50. D H 6~17 1 18~40 2 50 3
	Adds 2 Set Screw Flats. LB() Ordering Code KB50-S10 Ordering Code KC50-C8-F40-T10 ① 1 mm Increment ② S·T·C ≤ 100. ③ If 3 keyways are required, use both KB() and KC(). ④ For keyway details, please refer to the product introduction.
KD()	Adds 1 Keyway. KB() Ordering Code KB50-S10 Ordering Code KC50-C8-F40-T10 ① 1 mm Increment ② S·T·C ≤ 100. ③ If 3 keyways are required, use both KB() and KC(). ④ For keyway details, please refer to the product introduction.
	Adds 2 Keyways. KC() Ordering Code KD10 ① 1 mm Increment D d V2 6 5 4 8 7 4 10 8 4 12 10 5
MA() MB()	Adds a Slit Cam Groove Ordering Code KD10 ① 1 mm Increment D d V2 6 5 4 8 7 4 10 8 4 12 10 5
	Adds a Retaining Ring Groove. (Applicable retaining rings are included.) Ordering Code MA10—MB10 ① 1 mm Increment ② MA(MB)=4~L/2 ③ For retaining ring groove details, please refer to the product introduction.

h7

Part Number	0.1 mm Increment	1 mm Inc.	M	Wrench Flats K(1 mm Inc.)	W	V
Code	D _{h7}	L	E	P		
MBJ52	6	18.0~300.0		5	3	5
	8	18.0~400.0			3 4 5	7
	10	18.0~500.0		When M3-M8	4 5 6	8
	12	20.0~600.0		M+2sP<D	5 6 8	10
	15	20.0~700.0		When M10-M16	5 6 8 10	13
	20		1sEsPx6	M+2sP<D	5 6 8 10 12	17
	25	25.0~800.0		When M20-24	5 6 8 10 12 16	22
	30			M+2sP<D	8 10 12 16 20	27
	35			When M30	8 10 12 16 20 24	30
	40	35.0~800.0		M+2sP<D	12 16 20 24 30	36
	50				16 20 24 30	41



Part Number	D	L	E	P	M	K
Code	D	L	E	P	M	K
MBJ12	6	18~400	1sEsPx6	When M3-M8	3 4 5	K=0 or ②
MBJ52	10	18~500	1sEsPx6	M+2sP<D	4 5 6	K=0 or ②

MBJ12—D8—L150—E20—P5—M3—K10

Optional Processing

Part Number	D	L	E	P	M	K	Optional Processing Code
Code	D	L	E	P	M	K	Optional Processing Code
MBJ12	6	18~400	1sEsPx6	When M3-M8	3 4 5	K=0 or ②	② LA()...
MBJ52	10	18~500	1sEsPx6	M+2sP<D	4 5 6	K=0 or ②	② LA()...

MBJ12—D8—L150—E20—P5—M3—K10—LC



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



Delivery	10
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