

Rotary Shafts

Standard Both Ends Stepped

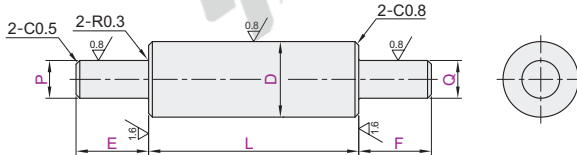
Code	Type	Tolerance		Material		Surface Treatment
		D	P.Q	GB	Equiv.	
MCC02	Standard	g6	g6	45	S45C	Electroless Nickel Plating
MCC16				0Cr18Ni9	SUS304	—
MCC22				35CrMo	SCM435	Electroless Nickel Plating
MCC42				Hardness 28~33 HRC		
MCC46		h7	h7	45	S45C	Electroless Nickel Plating
MCC62				0Cr18Ni9	SUS304	—
MCC66				45	S45C	Electroless Nickel Plating
MCC82		h9	g6	0Cr18Ni9	SUS304	—
MCC86				45	S45C	Electroless Nickel Plating
MCC86				0Cr18Ni9	SUS304	—



Processing according to drawings



D-P.Q	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



The first perspective

Roundness, straightness, perpendicularity and coaxiality, please refer to the introduction of shaft products.

g6

Part Number	0.1 mm Increment	1 mm Increment
Code	D _{g6}	P-Q
MCC02 MCC16 MCC22	6	18.0~300.0
	8	18.0~400.0
	10	18.0~500.0
	12	
	13	20.0~600.0
	15	20.0~700.0
	16	
	17	
	18	
	20	20.0~800.0
	22	
	25	
	30	
	35	
	40	35.0~800.0
	50	

h7

Part Number	0.1 mm Increment	1 mm Increment
Code	D _{h7}	P-Q
MCC42 MCC46	6	18.0~300.0
	8	18.0~400.0
	10	18.0~500.0
	12	20.0~600.0
	15	20.0~700.0
	20	
	25	25.0~800.0
	30	
	35	
	40	35.0~800.0
	50	

h9

Part Number	0.1 mm Increment	1 mm Increment
Code	D _{h9}	P-Q
MCC62 MCC66 MCC82 MCC86	6	18.0~300.0
	8	18.0~400.0
	10	18.0~500.0
	12	20.0~600.0
	15	20.0~700.0
	20	
	25	25.0~800.0
	30	
	35	35.0~800.0



Please order as shown

Part Number	L	E-F	P-Q
Code	D		
MCC02	6	18-300	1≤E≤P×6 2 3 4 5
MCC02	8	18-400	1≤F≤Q×6 3≤P<Q<D



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

Optional Processing

Part Number	L	E-F	P-Q	Optional Processing
Code	D			Code
MCC02	6	18-300	1≤E≤P×6	2 3 4 5
MCC02	8	18-400	1≤F≤Q×6	3≤P<Q<D



Delivery
8

Delivery
10

MCC02-D6-L150-E20-F20-P5-Q5-LC 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
	Adds 1 Set Screw Flat. LA() Ordering Code LA10-G3 Ordering Code LB10-J3-Y10-X3 1mm Increment G·J·X ≤50.
	Adds 2 Set Screw Flats. LB() Ordering Code KE10 1mm Increment
	Adds a Wrench Flat Ordering Code KE10 1mm Increment
KB() KC()	Adds 1 Keyway. KB() 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 introduction.
	Adds 2 Keyways. KC() 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 introduction.
	Adds a Keyway on the Shaft End P (Q) Ordering Code PA10 1mm Increment PA·QA≥50, PA·QA≥E, P(Q)≤5 Not applicable. For keyway details, please refer to the product introduction.
	Adds a Slit Cam Groove Ordering Code KD10 1mm Increment Only applicable to D=6-12.
MA() MB()	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.