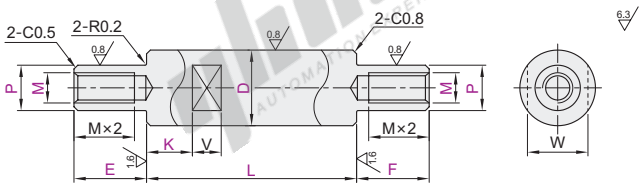
Rotary Shafts

Both Ends Tapped, with Wrench Flats
Both Ends Stepped

Code	Type		Tolerance D	Tolerance P	Material GB	Material Equiv.	Surface Treatment
MCF12	Both Ends Tapped	with Wrench Flats	g6	g6	45	S45C	Electroless Nickel Plating
MCF26					0Cr18Ni9	SUS304	—
MCF52			h7	h7	45	S45C	Electroless Nickel Plating
MCF56					0Cr18Ni9	SUS304	—
MCF72			h9	g6	45	S45C	Electroless Nickel Plating
MCF76					0Cr18Ni9	SUS304	—
MCF92				h7	45	S45C	Electroless Nickel Plating
MCF96					0Cr18Ni9	SUS304	—

Processing according to drawings



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

The first perspective

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

g6

Part Number Code	D_{g6}	0.1 mm Inc. L	E·F	1 mm Inc. P	M	Wrench Flats K(1 mm Inc.)	W	V
MCF12 MCF26	6	18.0~300.0	1≤E≤P×6 1≤F≤P×6	5	3	K=0 or K≥1	5	10
	8	18.0~400.0			3 4 5		7	
	10	18.0~500.0			4 5 6		8	
	12	20.0~600.0			5 6 8		10	12
	13				5 6 8		11	
	15	20.0~700.0			5 6 8 10		13	
	16				5 6 8 10		14	
	17			M+2≤P<D	5 6 8 10 12			
	18				5 6 8 10 12		15	
	20	25.0~800.0			5 6 8 10 12		17	
	22				5 6 8 10 12 16		19	
	25				5 6 8 10 12 16		22	
	30				8 10 12 16 20		27	16
	35				8 10 12 16 20 24		30	
	40	35.0~800.0			12 16 20 24		36	20
	50				16 20 24		41	

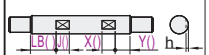
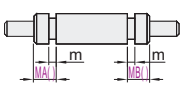
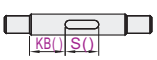
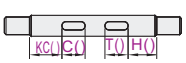
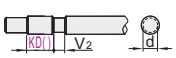
h7

Part Number Code	D_{h7}	0.1 mm Inc. L	E·F	1 mm Inc. P	M	Wrench Flats K(1 mm Inc.)	W	V
MCF52 MCF56	6	18.0~300.0	1≤E≤P×6 1≤F≤P×6	M+2≤P<D	3	K=0 or K≥1	5	10
	8	18.0~400.0			3 4 5		7	
	10	18.0~500.0			4 5 6		8	
	12	20.0~600.0			5 6 8		10	12
	15	20.0~700.0			5 6 8 10		13	
	20				5 6 8 10 12		17	
	25	25.0~800.0			6 8 10 12 16		22	
	30				8 10 12 16 20		27	16
	35				8 10 12 16 20 24		30	
	40	35.0~800.0			12 16 20 24 30		36	20
	50				16 20 24 30		41	

h9

Part Number Code	D_{h9}	0.1 mm Inc. L	E·F	1 mm Inc. P	M	Wrench Flats K(1 mm Inc.)	W	V
MCF72 MCF76 MCF92 MCF96	6	18.0~300.0	1≤E≤P×6 1≤F≤P×6	M+2≤P<D	3	K=0 or K≥1	5	10
	8	18.0~400.0			3 4 5		7	
	10	18.0~500.0			4 5 6		8	
	12	20.0~600.0			5 6 8		10	12
	15	20.0~700.0			5 6 8 10		13	
	20				5 6 8 10 12		17	
	25	25.0~800.0			5 6 8 10 12 16		22	
	30				8 10 12 16 20		27	16
	35	35.0~800.0			8 10 12 16 20 24		30	

Optional Processing

Code	Spec.
LA( ) LB( )	**Adds 1 Set Screw Flat.** LA( )  **Adds 2 Set Screw Flats.** LB( )  Ordering Code LA10-G3 Ordering Code LB10-J3-Y10-X3 ! 1 mm Increment ! G·J·X ≤ 50. D h: 6~17 1; 18~40 2; 50 3
MA( ) MB( )	**Adds a Retaining Ring Groove (Applicable retaining rings are included.)**  Ordering Code MA10-MB10 ! 1 mm Increment ! MA(MB)=4~L/2 ! For retaining ring groove details, please refer to the product introduction.
KB( ) KC( )	**Adds 1 Keyway.** KB( )  **Adds 2 Keyways.** KC( )  Ordering Code KB50-S10 Ordering Code KC50-C8-H40-T10 ! 1 mm Increment ! S·T·C ≤ 100. ! If 3 keyways are required, use both KB( ) and KC( ). ! For keyway details, please refer to the product in troduction.
KD( )	**Adds a Slit Cam Groove**  Ordering Code KD10 ! 1 mm Increment ! Only applicable to D=6~12. D d V2: 6 5 4; 8 7 4; 10 8 5; 12 10 5

Please order as shown

Part Number Code	D	L	E·F	P	M	K
MCF12	8	18~400	1≤E≤P×6 1≤F≤P×6	M+2≤P<D	3 4 5	K=0 or K≥1
	10	18~500			4 5 6	

MCF12—D8—L150—E10—F10—P7—M4—K10

Optional Processing

Part Number Code	D	L	E·F	P	M	K	Optional Processing Code
MCF12	8	18~400	1≤E≤P×6 1≤F≤P×6	M+2≤P<D	3 4 5	K=0 or K≥1	MA( ) MB( )...
	10	18~500			4 5 6		

MCF12—D8—L150—E10—F10—P7—M4—K10—MA10-MB10

Discount price

Per	1~4	5~
Price	100%	Additional quotation

Delivery 8 ! No Surface Treatment

Delivery 10 ! with Surface Treatment