

Rotary Shaft ▶ Standard type

Two-end Step Type



Please order according to the diagram

①~⑦ Select the type and parameters in the order of for ordering

g6

Model(●Code) — ●D — ●L — ●E.F — ●P.Q — (LC LA()...)

NDCAH — D6 — L300 — E20-F20 — P3-Q3 — LC

Optional Processing



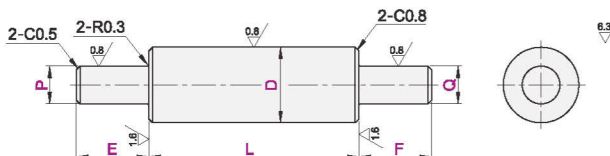
Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax (¥/mm)



CAD 2D 3D

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

Code	Type	Tolerance		Material		Surface Treatment
		D	P.Q	International	Equivalent	
NDCAH	Standard type	g6	g6	45	S45C	Black Oxide Finish
NDCAJ				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCAW				35CrMo	SCM435 Hardness 28~33HRC	Black Oxide Finish
NDCAX				45	S45C	Electroless Nickel Plating
NDCBH				45	S45C	Black Oxide Finish
NDCBJ				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCBK	Standard type	h7	h7	45	S45C	Black Oxide Finish
NDCCH				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCGJ				45	S45C	Black Oxide Finish
NDCCK				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCDH				45	S45C	Black Oxide Finish
NDCDJ				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCDK	Standard type	h9	h7	45	S45C	Black Oxide Finish
NDCDH				0Cr18Ni9	SUS304	Electroless Nickel Plating
NDCDJ				45	S45C	Black Oxide Finish
NDCDK				0Cr18Ni9	SUS304	Electroless Nickel Plating



For roundness, straightness, perpendicularity, and coaxiality, please refer to the rotary shaft product overview.

g6

Model	Minimum Unit 0.1	Minimum Unit 1
●Code	●Dg6	●P.Q
NDCAH	6 18.0~300.0	2 3 4 5
NDCAJ	8 18.0~400.0	3 ≤ P-Q < D
NDCAK	10 18.0~500.0	
NDCAW	12 20.0~600.0	
NDCAX	13 20.0~600.0	
	15 20.0~700.0	
	16 20.0~800.0	
	17 20.0~800.0	1 ≤ E ≤ P × 6
	18 20.0~800.0	1 ≤ F ≤ Q × 6
	20 20.0~800.0	4 ≤ P-Q < D
	22 20.0~800.0	
	25 20.0~800.0	8 ≤ P-Q < D
	30 20.0~800.0	
	35 20.0~800.0	
	40 35.0~800.0	15 ≤ P-Q < D
	50 35.0~800.0	

h7

Model	Minimum Unit 0.1	Minimum Unit 1
●Code	●Dh7	●P.Q
NDCBH	6 18.0~300.0	2 3 4 5
NDCBJ	8 18.0~400.0	3 ≤ P-Q < D
NDCBK	10 18.0~500.0	
	12 20.0~600.0	
	15 20.0~700.0	
	20 20.0~800.0	1 ≤ E ≤ P × 6
	25 25.0~800.0	1 ≤ F ≤ Q × 6
	30 25.0~800.0	4 ≤ P-Q < D
	35 25.0~800.0	8 ≤ P-Q < D
	40 35.0~800.0	15 ≤ P-Q < D
	50 35.0~800.0	

h9

Model	Minimum Unit 0.1	Minimum Unit 1
●Code	●Dh9	●P.Q
NDCCH	6 18.0~300.0	2 3 4 5
NDCGJ	8 18.0~400.0	3 ≤ P-Q < D
NDCCK	10 18.0~500.0	
NDCDH	12 20.0~600.0	
NDCDJ	15 20.0~700.0	
NDCDK	20 20.0~800.0	1 ≤ E ≤ P × 6
	25 25.0~800.0	1 ≤ F ≤ Q × 6
	30 25.0~800.0	4 ≤ P-Q < D
	35 35.0~800.0	8 ≤ P-Q < D
	50 35.0~800.0	15 ≤ P-Q < D

Optional Processing

Code	Technical Specification
LC	Change L size tolerance Selection Method LC ① L < 400 Change to L ± 0.05 L ≥ 400 Change to L ± 0.1
LA() LB()	Add 1 flat surface LA() Selection Method LA10-G3 Selection Method LB10-J3-Y10-X3 ① Minimum Unit 1 ② When specifying G,J,X, it must be 50 or below
KE()	Addition of wrench slots Selection Method KE10 ① Minimum Unit 1
KB() KC()	Add 1 keyway KB() Selection Method KB50-S10 Selection Method KC50-C8-K40-T1 ① Minimum Unit 1 ② When specifying S,T,C, it must be 100 or below ③ If three keyways are required, please select both KB and KC. ④ For keyway details, see the product brief of the rotating shaft.
PA() QA()	Add keyway to shaft end (Part P/Q) Selection Method PA10 ① Minimum Unit 1 ② PA-QA ≥ 50, PA-QA ≥ E, P(Q) ≤ 5 Not Applicable ③ For keyway details, see the product brief of the rotating shaft.
KD()	Addition of slots for cam opening Selection Method KD10 ① Minimum Unit 1 ② Applicable to the D specifications in the right table.
MA() MB()	Add retaining ring groove (with retaining ring attached) Selection Method MA10-MB10 ① Minimum Unit 1 ② MA(MB) = 4~L/2 ③ See the product brief of the rotating shaft for retaining ring groove dimensions.