

Shafts

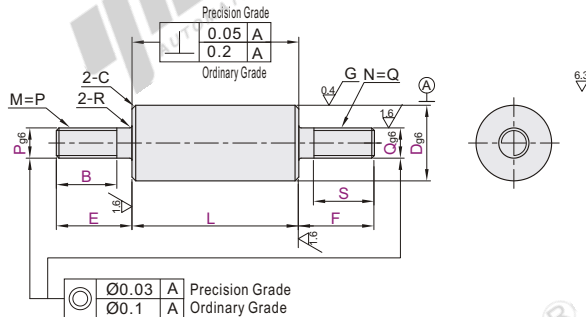
Standard

Both Ends Threaded(Ordinary Grade/Precision Grade)

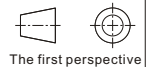
Standard		D Tol.	Material		Hardness	Surface Treatment
Ordinary Grade	Precision Grade		GB	Equiv.		
SEP02	SEP32	g6	GCr15	SUJ2	Induction Hardened Effective Hardened Depth refer to P10 Quench Hardness GCr15 HRC56~ 9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness HRC52~	Hard Chrome Plating, Plating Hardness HV750-, Plating Thickness More Than 3µm
SEP06	SEP36		9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	SUS440C Or Corrosion-Resistant Steel With Equivalent Hardness		—
SEP07	SEP37		—	—		Hard Chrome Plating, Plating Hardness HV750-, Plating Thickness More Than 3µm



Note: when B-S=0, there is no external thread.



- Circularity, Straightness, Perpendicularity and Changes in Hardness. Please refer to shaft product introduction.
- Annealing may lower hardness at shaft end machined areas (effective thread length + approx. 10mm), Please refer to shaft product introduction.
- The thread root of the precision shaft has a grinding undercut (1mm wide and 0.1mm depth).



Ordinary Grade

Code	Part Number	D _{g6}	L	E-F	B-S	P-Q Selection	R	C
SEP02	6	-0.004 -0.012	20~600			3 4 5		
	8	-0.005	20~800			3 4 5 6		
	10	-0.014				4 5 6 8		
	12		20~1000			5 6 8 10 12		0.5Below
	13	-0.006 -0.017				5 6 8 10 12		
	15					5 6 8 10 12		0.3
	SEP06	16		20~1200	E=2~P×5 F=2~Q×5	5 6 8 10 12 16		
	SEP07	18				6 8 10 12 16		
		20				8 10 12 16		
		25	-0.007 -0.020			8 10 12 16 20 24		
	30				8 10 12 16 20 24			
	35		20~1500		10 12 16 20 24 30		1.0Below	
	40	-0.009 -0.025				12 16 20 24 30		
	50					16 20 24 30		0.5

Precision Grade

Code	Part Number	D _{g6}	L	E-F	B-S	P-Q Selection	R	C	
SEP32	6	-0.004 -0.012	20~300			3 4			
	8	-0.005				3 4 5 6			
	10	-0.014				4 5 6 8			
	SEP36	12		20~350			5 6 8 10		
	SEP37	13	-0.006 -0.017				5 6 8 10		0.3
		15					5 6 8 10 12		0.2Below
		16			E=2~P×5 F=2~Q×5	5 6 8 10 12			
		18				5 6 8 10 12 16			
		20				6 8 10 12 16			
		25	-0.007 -0.020	25~450			8 10 12 16 20		
	30					8 10 12 16 20 24			

Ordinary Grade

Part Number	D	L	E-F	B-S	P-Q
SEP02	6	20≤B00	E=2~P×5	According to the use of Request for designation B-S size	3 4 5
SEP06	8	20~800	F=2~Q×5		3 4 5 6

SEP02-D6-L200-E10-F10-B6-S6-P3-Q3

Optional Processing

Part Number	D	L	E-F	B-S	P-Q	Optional Processing Code
SEP02	6	20≤B00	E=2~P×5	According to the use of Request for designation B-S size	3 4 5	SCD
SEP06	8	20~800	F=2~Q×5		3 4 5 6	

SEP02-D6-L200-E10-F10-B6-S6-P3-Q3-SC50



Please order as shown

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

Delivery	4



Optional Processing

Code	Spec.																					
SC()	Wrench Flats at One Location																					
	Ordering Code SC5																					
	□ 1 mm Increment																					
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