

Positioning Pin ▶ Standard Type • Internal Thread Type

Spherical Type with Straight Shank / Cone Type with Straight Shank



Please order according to the diagram

①~⑥ Select the type and parameters in the order of for ordering

☑ Cone Type with Straight Shank.Standard Type

☑ Optional Processing

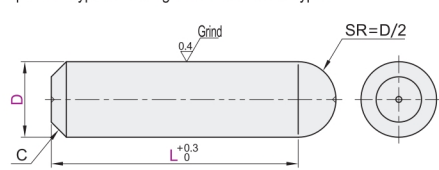
Model(①Code) - ②D Tolerance - ③D - ④L - ⑤E - ⑥A - DB DC...
BHLCQ - M - D6 - L16 - E5 - A15 - DC



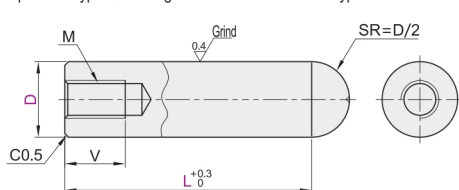
Discounted Price
 Quantity Price 1~9 10~
 100% Separate Quotation
 Price Excluding Tax (Yuan)

	Spherical Type with Straight Shank		Cone Type with Straight Shank		Material		Hardness	Surface Treatment
	Standard Type	Internal Thread Type	Standard Type	Internal Thread Type	International	Equivalent		
	BHLAQ	BHLBQ	BHLCQ	BHLDQ	9CrWMn	SKS3	Quenching Hardness 58~61HRC	—
	BHLAR	BHLBR	BHLCR	BHLDR			Quenching Hardness 58~61HRC, Coating Hardness 850HV~	Hard Chromium Plating, Coating Thickness 3~5um
	BHLAV	BHLBV	BHLCV	BHLDV			—	—
	BHLAS	BHLBS	BHCLS	BHLDS	0Cr18Ni9	SUS304	Coating Hardness 850HV~	Hard Chromium Plating, Coating Thickness 3~5um
	BHLAU	BHLBU	BHLCU	BHLDU			Quenching Hardness 48~53HRC	—
	BHLAT	BHLBT	BHLCT	BHLDT	9Cr18Mo	SUS440C	Quenching Hardness 48~53HRC	—
	BHLAJ	BHLBJ	—	—	GCr15	SUJ2	Quenching Hardness HRC56~, Coating Hardness 850HV~	Hard Chromium Plating, Coating Thickness 3~5um

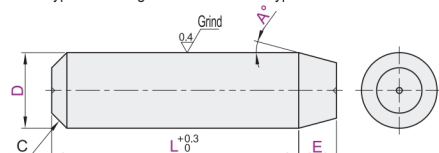
Spherical Type with Straight Shank.Standard Type



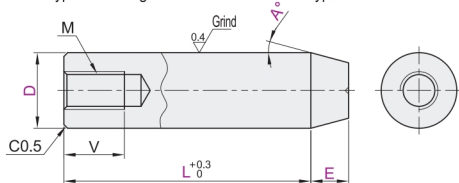
Spherical Type with Straight Shank.Internal Thread Type



Cone Type with Straight Shank.Standard Type



Cone Type with Straight Shank.Internal Thread Type



① SUS440C Identification Groove on Processed D Section of Material

☑ P Dimension Tolerance Chart

D	M	P	G	H
	m6	p6	g6	h7
1~3	+0.008 +0.002	+0.012 +0.006	-0.002 -0.008	0 -0.010
4~6	+0.012 +0.004	+0.020 +0.012	-0.004 -0.012	0 -0.012
8~10	+0.015 +0.006	+0.024 +0.015	-0.005 -0.014	0 -0.015

☑ Spherical Type with Straight Shank.Standard Type

Model		D Tolerance	D	L		C
Code				Minimum Unit 0.1		
BHLAQ BHLAU BHLAR BHLAT BHLAV BHLAJ BHLAS	M(m6)	1	3.0~12.0	0.1		
		2				
	P(p6)	3	3.0~25.0	0.5		
		4				
	G(g6)	5				
		6	4.0~42.0	1		
	H(h7)	8				
		10	5.0~42.0	1.5		
				2		

☑ Spherical Type with Straight Shank.Internal Thread Type

Model		D Tolerance	D	L		M	V
Code				Minimum Unit 0.1			
BHLBQ BHLBU	M(m6)	5	10.0~42.0	M2	3		
BHLBR BHLBT	P(p6)	6		M3	5		
BHLBV BHLBJ	G(g6)	8		M5	8		
BHLBS	H(h7)	10		M5	8		

☑ Cone Type with Straight Shank.Standard Type

Model		D Tolerance	D	L		E	A Selection	C
Code				Minimum Unit 0.1				
BHLCQ BHLCS BHLCR BHLCU BHLCV BHLCT	M(m6)	1	3.0~12.0	0.2~1.5	15			0.1
		2		0.5~3.5				
	P(p6)	3	3.0~25.0	0.5~5.5	30			0.5
		4		0.5~7.0				
	G(g6)	5		0.5~9.0	45			1
		6	4.0~42.0					
	H(h7)	8		0.5~10.0	60			1.5
		10	5.0~42.0					2

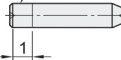
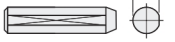
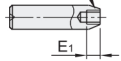
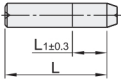
① D, E, A Parameters Must Meet Requirements $0 < D-2E \tan A < D$

☑ Cone Type with Straight Shank.Internal Thread Type

Model		D Tolerance	D	L		E	A Selection	M	V
Code				Minimum Unit 0.1					
BHLDQ BHLDS	M(m6)	5	10.0~42.0	0.5~9.0	15	M2	3		
BHLDR BHLDU	P(p6)	6			30	M3	5		
BHLDV BHLDT	G(g6)	8		0.5~10.0	45	M5	8		
	H(h7)	10	15.0~42.0		60	M5	8		

① D, E, A Parameters Must Meet Requirements $0 < D-2E \tan A < D$

Optional Processing

Code	Technical Specification																													
DB	Adding Guide Section Guide Section $D_{-0.01}^{-0.03}$ 	Selection Method DB ① Applicable to Sizes Above D2																												
	Adding Vent Slots $D-0.15$ 	Selection Method DC																												
MA	Add internal thread MA 	Selection Method MA <table><tr><th>D</th><th>MA</th><th>E₁</th></tr><tr><td>6</td><td>M3</td><td>4</td></tr><tr><td>8-10</td><td>M4</td><td>6</td></tr></table> ① Not Applicable to Sizes Below D6 ② Applicable Only to Standard Cone Type with Straight Shank	D	MA	E ₁	6	M3	4	8-10	M4	6																			
	D	MA	E ₁																											
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DM DP DG DH	Changing External Tolerance 	Selection Method DM10 Modifying Outer Diameter Tolerance for L Dimension <table><tr><th rowspan="3">D</th><th colspan="4">Tolerance Code</th></tr><tr><th>DM</th><th>DP</th><th>DG</th><th>DH</th></tr><tr><th>m6</th><th>p6</th><th>g6</th><th>h7</th></tr><tr><td>1~3</td><td>+0.008 +0.002</td><td>+0.012 +0.006</td><td>-0.002 -0.008</td><td>0 -0.010</td></tr><tr><td>4~6</td><td>+0.012 +0.004</td><td>+0.020 +0.012</td><td>-0.004 -0.012</td><td>0 -0.012</td></tr><tr><td>8-10</td><td>+0.015 +0.006</td><td>+0.024 +0.015</td><td>-0.005 -0.014</td><td>0 -0.015</td></tr></table> ① Please Adjust the L: Dimension During Selection DM/DP/DG/DH	D	Tolerance Code				DM	DP	DG	DH	m6	p6	g6	h7	1~3	+0.008 +0.002	+0.012 +0.006	-0.002 -0.008	0 -0.010	4~6	+0.012 +0.004	+0.020 +0.012	-0.004 -0.012	0 -0.012	8-10	+0.015 +0.006	+0.024 +0.015	-0.005 -0.014	0 -0.015
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① Please Adjust the L₁ Dimension During Selection DM(DP/DG/DH).