

Standard/Tapped ▶

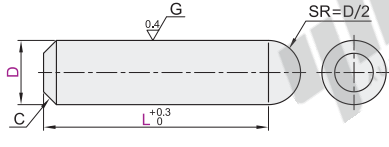
Straight, Spherical Tip / Tapered Tip

Locating Pins

Spherical Tip		Tapered Tip		Material		Hardness	Surface Treatment
Standard	Tapped	Standard	Tapped	GB	Equiv.		
YHD01	YHD41	YHE01	YHE41	9CrWMn	SKS3	Treated Hardness:58-61HRC	—
YHD02	YHD42	YHE02	—			Treated Hardness:58-61HRC, Plating Hardness:850HV~	Hard Chrome Plating, Plating Thickness: 3~5 μm
YHD03	—	YHE03	—			—	—
YHD11	YHD51	YHE11	—	0Cr18Ni9	SUS304	—	—
—	—	YHE12	—			Plating Hardness:850HV~	Hard Chrome Plating, Plating Thickness: 3~5 μm
YHD21	YHD61	YHE21	—	9Cr18Mo	SUS440C	Treated Hardness:48-53HRC	—

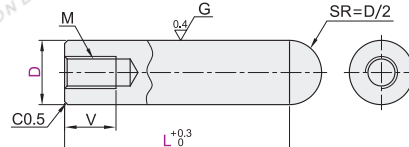


Spherical Tip · Standard
YHD01/02/03/11/21



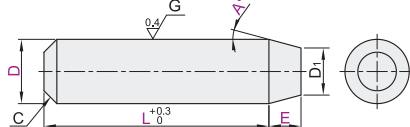
① Total length=(D/2)+L.

Spherical Tip · Tapped
YHD41/42/51/61



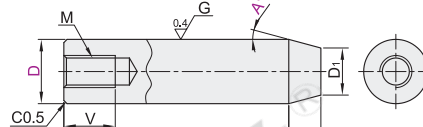
① Total length=(D/2)+L.

Tapered Tip · Standard
YHE01/02/03/11/12/21



① Total length=E+L.
② D₁=D-E*tanA*2

Tapered Tip · Tapped
YHE41

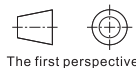


① Total length=E+L. ② D₁=D-E*tanA*2

6.3/

□ Tolerance Selection

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 Tip, Standard

Part Number		L		C
Code	D Tol.	D	0.1 mm Inc.	
YHD01 YHD02 YHD03 YHD11 YHD21	M(m6)	1	3.0~12.0	0.1
		2		
		3		0.5
	P(p6)	4	3.0~25.0	
	G(g6)	5	4.0~42.0	1
	H(h7)	6		
		8		1.5
		10	5.0~42.0	2

□ Tapered Tip, Standard

Part Number		L		E	A	C
Code	D Tol.	D	0.1 mm Inc.	0.1 mm Inc.	Selection	
YHE01 YHE11 YHE02 YHE12 YHE03 YHE21	M(m6)	1	3.0~12.0	0.2~1.5		0.1
		2		0.5~3.5	15	
		3	3.0~25.0	0.5~5.5	30	0.5
	P(p6)	4		0.5~7.0		
	G(g6)	5	4.0~42.0	0.5~9.0	45	1
	H(h7)	6				
		8		0.5~10.0	60	1.5
		10	5.0~42.0			2

① D, E, A parameters need to meet 0 < D-2EtanA < D.

□ Spherical Tip, Tapped

Part Number		L		M	V
Code	D Tol.	D	0.1 mm Inc.		
YHD41 YHD51 YHD42 YHD61	M(m6)	5	10.0~42.0	M2	3
	P(p6)	6		M3	5
	G(g6)	8	15.0~42.0	M5	8
	H(h7)	10		M5	8

□ Tapered Tip, Tapped

Part Number		L		E	A	M	V
Code	D Tol.	D	0.1 mm Inc.	0.1 mm Inc.	Selection		
YHE41	M(m6)	5	10.0~42.0	0.5~9.0	15	M2	3
	P(p6)	6			30	M3	5
	G(g6)	8	15.0~42.0	0.5~10.0	45	M5	8
	H(h7)	10			60	M5	8

① D, E, A parameters need to meet 0 < D-2EtanA < D.



Code	Spec.
DB	Adds Insertion Guide Ordering Code DB ① Not applicable to D≤2. Guide Part D _{30.01} 1
	Adds a Tapped Hole Ordering Code MA D MA D E ₁ 6 M3 4 8-10 M4 6 ① Applicable when D≥6. ② Only applicable to Tapered Tip, Standard.

Code	Spec.
DC	Adds an Air Vent Ordering Code DC D-0.15 D-0.15
	Changes Outer Diameter Tolerance Ordering Code DM10 Changes outer diameter tolerance by L ₁ distance. Tolerance Code D DM DP DG DH m6 p6 g6 h7 1~3 +0.008 +0.012 -0.002 0 +0.002 +0.006 -0.008 -0.010 +0.012 +0.020 -0.004 0 4~6 +0.004 +0.012 -0.012 -0.012 +0.015 +0.024 -0.005 0 8-10 +0.006 +0.015 -0.014 -0.015 ① In selection, L ₁ Dimensions must be changed to DM (DP / DG / DH). ② 1≤L ₁ <L.

□ Spherical Tip, Standard

Part Number		L		C
Code	D Tol.	D	0.1 mm Inc.	
YHD01	M(m6)	1	3.0~12.0	0.1
YHD02	P(p6)	2	3.0~25.0	0.5

YHD01—M—D2—L12

□ Tapered Tip, Standard

Part Number		L		E	A
Code	D Tol.	D	0.1 mm Inc.	0.1 mm Inc.	
YHE01	M(m6)	1	3.0~12.0	0.2~1.5	<15
YHE02	P(p6)	2	3.0~25.0	0.5~5.5	30

YHE01—M—D2—L10—E2—A15

□ Optional Processing

Part Number		L		E	A	Optional Processing Code
Code	D Tol.	D	0.1 mm Inc.	0.1 mm Inc.		
YHE01	M(m6)	1	3.0~12.0	0.2~1.5	<15	DB <DC>
YHE02	P(p6)	2	3.0~25.0	0.5~5.5	30	

YHE01—M—D2—L10—E2—A15—DC



Discount price
Per 1~19 20~
Price 100% Additional quotation

Delivery
4

① YHD03/11/51
② YHE03/11

Delivery
6

① YHD01/21/41/61
② YHE01/21/41

Delivery
7

① YHD02/42
② YHE02/12