


Holders for Locating Pins

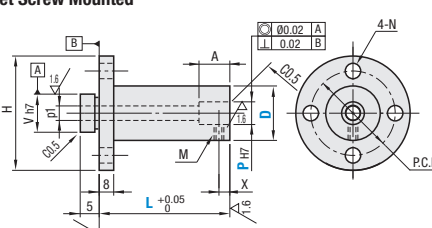
Round / Compact Flange



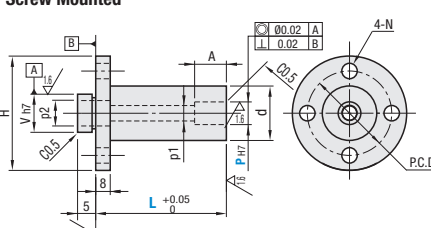
Holders for Locating Pins – Round Type

Set Screw Mounted	Screw Mounted	Material	Surface Treatment
M-LPHT	M-LPHB	1045 Carbon Steel or Equivalent	Black Oxide

Set Screw Mounted



Screw Mounted




25 / (1.6 / √)

Set Screw Mounted and Screw Mounted

Part Number Type	P	L 0.1 mm Increment	D	V	p ₁	p ₂	*A	M (Coarse)	X	N	P.C.D.	H
Set Screw Mounted M-LPHT	6	20.0–100.0	12	12	3.5	6.5	10	M3	4.5	4.5	30	39
	8	25.0–100.0	15	15	5.5	9.5	15	M4	5			
	10	30.0–100.0	17							20	22	34
	12		18									
Screw Mounted M-LPHB	13	40.0–150.0	20	20	9	14	22	M4	7	5.5	43	53
	16	45.0–200.0	27									
	20		32									

*When using with Locating Pin, L dimension (and under-head length) ≤ A dimension (shown above).

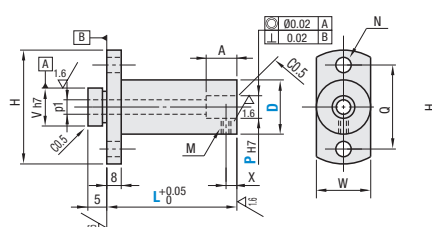


Holders for Locating Pins – Compact Flange

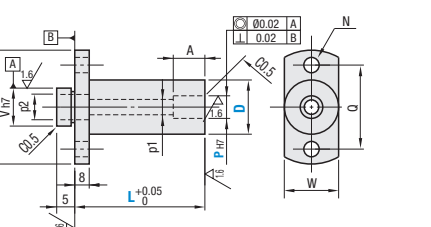
Set Screw Mounted	Screw Mounted	Material	Surface Treatment
LPHT	LPHB	1045 Carbon Steel or Equivalent	Black Oxide

When P dimension 6–12 with L>100, concentricity is 0.05 and L dimension tolerance is +0.10.

Set Screw Mounted



Screw Mounted



25 / (1.5 / √)

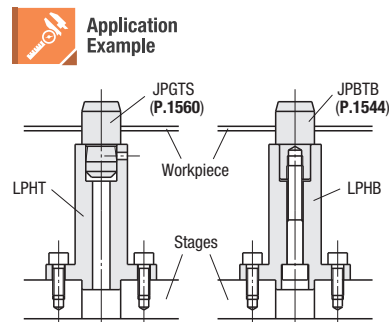
Set Screw Mounted and Screw Mounted

Part Number Type	P	L 0.1 mm Increment	D	V	*p ₁	p ₂	*A	M (Coarse)	X	N	Q	H	W
Set Screw Mounted LPHT	6	20.0–150.0	12	12	3.5	6.5	10	M3	4.5	4.5	30	39	13
	8	25.0–150.0	15	15	5.5	9.5	15	M4	5				
	10	30.0–150.0	17							20	34	44	19
	12		18										
Screw Mounted LPHB	13	40.0–150.0	20	20	9	14	22	M4	7	5.5	43	53	21
	16	45.0–200.0	27										
	20		32										

*When using with Locating Pin, L dimension (under-head length) ≤ A dimension (shown above)


* For P=6, p₁ of L>100 is 5; for P=8, 10 and 12, p₁ of L>100 is 7.

Part Number Example: LPHT8 - L30.0



Support Pins

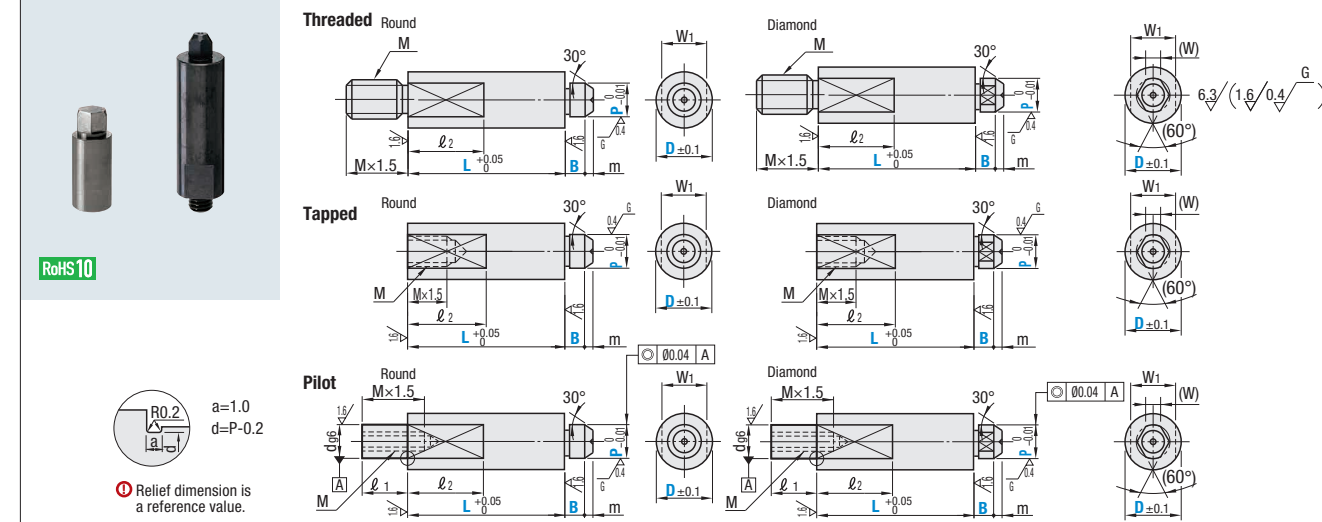
with Pilot



Support Pins – with Pilot

Type	Shape Code	Material Code	Material	Surface Treatment	Hardness
SHP (Round)	C (Threaded) A (Tapped) B (Pilot)	B	(1) 1045 Carbon Steel or Equivalent	Black Oxide	—
		R	(2) 1045 Carbon Steel or Equivalent	Hard Chrome Plating	Plating Hardness: 750 HV min.
		HB	(3) 1045 Carbon Steel or Equivalent	Black Oxide	Treated Hardness: 45–50 HRC min.
SDP (Diamond)	C (Threaded) A (Tapped) B (Pilot)	HR	(4) 1045 Carbon Steel or Equivalent	Hard Chrome Plating	Treated Hardness: 45–50 HRC min. Plating Hardness: 750 HV min.
		SU	(5) 304 Stainless Steel	—	—
		C	(6) 440C or 420 Stainless Steel	—	Treated Hardness: 50–55 HRC min.

Some combinations are not available. Refer to the price list to select the available combination.



Part Number Type	Shape Code	Material Code	D	L 0.01mm Increment	P 0.01mm Increment	B Selection	m	d	M (Coarse)	L ₁	W ₁	(W)	L ₂
SHP (Round)	C (Threaded) A (Tapped) B (Pilot)	B R HB HR SU C	6	10.00–50.00	3.00–4.00	2	1	—	M3	—	5	1.0	8
			8										
			10	6	1.5								
			12			8	1.8						
			15	10	2.2								
			20			12	2.5						
25	16	M10	10	20	3								

Pilot Type is not available for D6, 8.

Note the strength of under-head part. P.1542

The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on MISUMI 2019 catalog P.4015). Not applicable when using locking agents or spring washers.

Part Number Example: SDPBSU20 - L50.00 - P8.00 - B3

Application Example

Round Shape

D	Available Types Threaded Type						Available Types Tapped Type						Available Types Pilot Type					
	(1) SHPCB	(2) SHPCR	(3) SHPCBH	(4) SHPCRH	(5) SHPCSU	(6) SHPCC	(1) SHPAB	(2) SHPAR	(3) SHPAHB	(4) SHPAHR	(5) SHPASU	(6) SHPAC	(1) SHPBB	(2) SHPBR	(3) SHPBHB	(4) SHPBHR	(5) SHPBSU	(6) SHPBC
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Diamond Shape

D	Available Types Threaded Type						Available Types Tapped Type						Available Types Pilot Type					
	(1) SDPCB	(2) SDPCR	(3) SDPCBH	(4) SDPCRH	(5) SDPCSU	(6) SDPCC	(1) SDPAB	(2) SDPAR	(3) SDPAHB	(4) SDPAHR	(5) SDPASU	(6) SDPAC	(1) SDPBB	(2) SDPBR	(3) SDPBHB	(4) SDPBHR	(5) SDPBSU	(6) SDPBC
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

