


# Shaft Supports - Compact Type (Machined)

Set Screw / Wide Set Screw / Side Slit / Split / Wide Split / H-Selectable

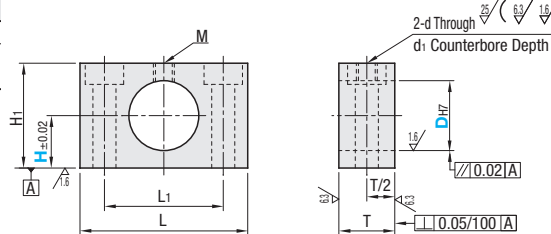
■Feature: Space-saving compact type. L dimensions are more compact than the conventional T-Shaped Type. (Refer to Size Comparison Table on the next page.)

**Set Screw**



RoHS

Type	Material	Surface Treatment	Accessories
SHMTB	1045	Black Oxide	Hex Socket Set Screw 1 pc.
SHMTM	Carbon Steel	Electroless Nickel Plating	Hex Socket Set Screw 1 pc.
SHMTS	304 Stainless Steel	-	Hex Socket Set Screw 1 pc. (Stainless Steel)



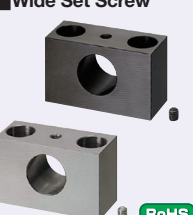
2-d Through  
d<sub>1</sub> Counterbore Depth ℓ

H<sub>1</sub> ±0.02  
H ±0.02  
L<sub>1</sub>  
L  
T/2  
T  
ℓ  
D<sub>H7</sub>  
∠0.02/A  
∠0.05/100/A

Refer to the comparison table on the next page.

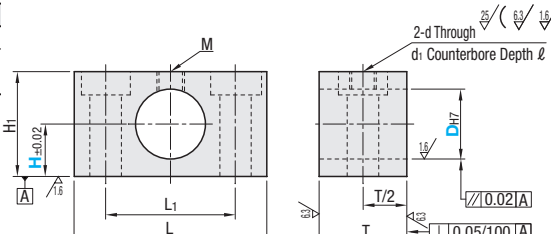
Part Number Type	D	H				L	H <sub>1</sub>	T	L <sub>1</sub>	d	d <sub>1</sub>	ℓ	Set Screw M	Unit Price		
		5	10	15	20									SHMTB	SHMTM	SHMTS
SHMTB SHMTM SHMTS	6	5	10	15	20	24	H+8	10	14				M4			
	8	10	15	20	26	H+9	12	16								
	10	10	15	20	32	H+10	12	20	4.5	8	4.5					
	12	10	15	20	34	H+11	12	20								
	15	15	20	25	50	H+18	16	34	6.6	11	6.5	M6				
	16	15	20	25	36	H+20	16	36								
	20	15	20	25	70	H+23	22	48	9	14	9					
	25	20	25	30	76	H+25	22	48								
	30	20	25	30	35	H+25	22	48								
	35	25	30	35	76	H+30	22	58								
40	25	30	35													

**Wide Set Screw**



RoHS

Type	Material	Surface Treatment	Accessories
SHMTBN	1045	Black Oxide	Hex Socket Set Screw 1 pc.
SHMTMN	Carbon Steel	Electroless Nickel Plating	Hex Socket Set Screw 1 pc.
SHMTSN	304 Stainless Steel	-	Hex Socket Set Screw 1 pc. (Stainless Steel)




2-d Through  
d<sub>1</sub> Counterbore Depth ℓ

H<sub>1</sub> ±0.02  
H ±0.02  
L<sub>1</sub>  
L  
T/2  
T  
ℓ  
D<sub>H7</sub>  
∠0.02/A  
∠0.05/100/A

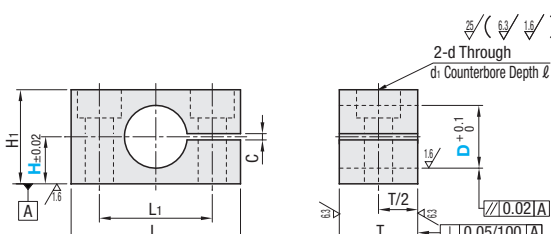
Part Number Type	D	H				L	H <sub>1</sub>	T	L <sub>1</sub>	d	d <sub>1</sub>	ℓ	Set Screw M	Unit Price		
		8	10	15	20									SHMTBN	SHMTMN	SHMTSN
SHMTBN SHMTMN SHMTSN	8	10	15	20	34	H+9	15	20				M6				
	10	10	15	20	36	H+10	15	22								
	12	10	15	20	38	H+11	18	24	6.6	11	6.5					
	15	15	20	25	42	H+15	20	28								
	16	15	20	25	54	H+18	25	36	9	14	9		M8			
	20	15	20	25	60	H+20	30	42								
	25	20	25	30	74	H+23	35	52	11	17.5	11					
	30	20	25	30	78	H+26	35	56								
	35	25	30	35	80	H+30	40	58								
	40	25	30	35												

**Side Slit**



RoHS

Type	Material	Surface Treatment
SHMWB	1045	Black Oxide
SHMWM	Carbon Steel	Electroless Nickel Plating
SHMWS	304 Stainless Steel	-




2-d Through  
d<sub>1</sub> Counterbore Depth ℓ

H<sub>1</sub> ±0.02  
H ±0.02  
L<sub>1</sub>  
L  
T/2  
T  
ℓ  
D + 0.1  
∠0.02/A  
∠0.05/100/A

Part Number Type	D	H				L	H <sub>1</sub>	T	L <sub>1</sub>	d	d <sub>1</sub>	ℓ	C	Unit Price		
		5	10	15	20									SHMWB	SHMWM	SHMWS
SHMWB SHMWM SHMWS	6	5	10	15	24	H+7	10	15				2				
	8	10	15	20	26	H+9	12	17								
	10	10	15	20	32	H+10	12	22	4.5	8	4.5					
	12	10	15	20	34	H+11.5	12	24								
	15	15	20	25	50	H+17	16	34	6.6	11	6.5		3			
	16	15	20	25	36	H+19.5	16	36								
	20	15	20	25	70	H+23	22	48	9	14	9					
	25	20	25	30	76	H+25	22	48								
	30	20	25	30	35	H+25	22	48								
	35	25	30	35	76	H+30	22	58								
40	25	30	35													

■Feature: Space-saving compact type. H<sub>1</sub> and L dimensions are more compact than the conventional Split Type. (Refer to Size Comparison Table below.)

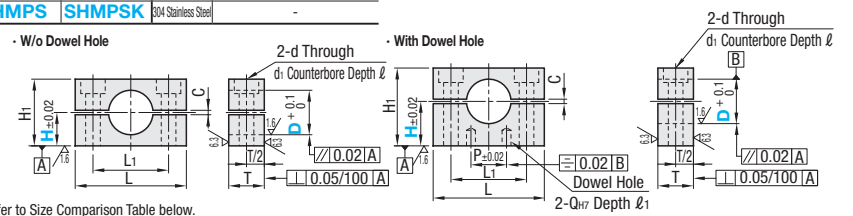
**Split**



RoHS

Type	Material	Surface Treatment
SHMPB	1045 Carbon Steel	Black Oxide
SHMPBK	1045 Carbon Steel	Black Oxide
SHMPM	Carbon Steel	Electroless Nickel Plating
SHMPMK	Carbon Steel	Electroless Nickel Plating
SHMPS	304 Stainless Steel	-
SHMPSK	304 Stainless Steel	-

■Feature: Dowel Hole Type enables easy positioning and assembly.



2-d Through  
d<sub>1</sub> Counterbore Depth ℓ

H<sub>1</sub> ±0.02  
H ±0.02  
L<sub>1</sub>  
L  
T/2  
T  
ℓ  
D + 0.1  
∠0.02/A  
∠0.05/100/A

2-d Through  
d<sub>1</sub> Counterbore Depth ℓ


Dowel Hole  
2-Q<sub>H7</sub> Depth ℓ<sub>1</sub>

Refer to Size Comparison Table below.

Part Number Type	D	H				L	H <sub>1</sub>	T	L <sub>1</sub>	d	d <sub>1</sub>	ℓ	Q	P	ℓ <sub>1</sub>	C	Unit Price					
		6	10	15	20												25	SHMPB	SHMPM	SHMPS	SHMPBK	SHMPMK
(W/o Dowel Hole)	6	10	15	20	25	24	H+7	10	14													
	8	10	15	20	25	26	H+10	12	16				5									
	10	10	15	20	25	32	H+10	12	20	4.5	8	4.5	3	8	5	2						
	12	10	15	20	25	34	H+12	12	20					9								
	15	15	20	25	50	H+15	16	34	6.6	11	6.5	4	16	7								
	16	15	20	25	36	H+20	16	36					20									
(With Dowel Hole)	20	15	20	25	30	50	H+15	16	34	6.6	11	6.5	4	16	7							
	25	20	25	30	70	H+20	22	48	9	14	9	5	28	8	3							
	30	20	25	30	35	70	H+20	22	48													
	35	25	30	35	76	H+25	22	56														
40	25	30	35																			

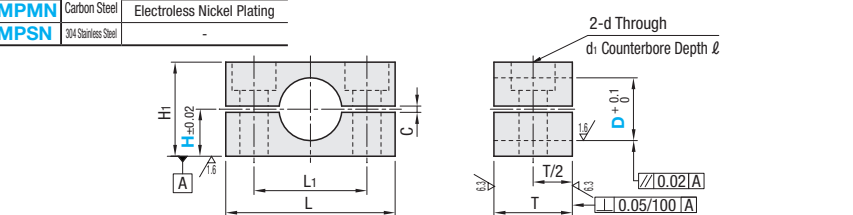
⊕ H dimensions in ( ) are applicable to w/o Dowel Hole Type only. ⊗ D6 is not available for Dowel Hole Type.

**Wide Split**



RoHS

Type	Material	Surface Treatment
SHMPBN	1045 Carbon Steel	Black Oxide
SHMPMN	Carbon Steel	Electroless Nickel Plating
SHMPSN	304 Stainless Steel	-



2-d Through  
d<sub>1</sub> Counterbore Depth ℓ

H<sub>1</sub> ±0.02  
H ±0.02  
L<sub>1</sub>  
L  
T/2  
T  
ℓ  
D + 0.1  
∠0.02/A  
∠0.05/100/A

Part Number Type	D	H				L	H <sub>1</sub>	T	L <sub>1</sub>	d	d <sub>1</sub>	ℓ	C	Unit Price		
		8	10	15	20									SHMPBN	SHMPMN	SHMPSN
SHMPBN SHMPMN SHMPSN	8	10	15	20	25	34	H+10	15	20				2			
	10	10	15	20	25	36	H+10	15	22							
	12	10	15	20	25	38	H+11	18	24	6.6	11	6.5				
	15	15	20	25	42	H+12	20	28								
	16	15	20	25	54	H+15	25	36	9	14	9	3				
	20	15	20	25	60	H+20	30	42								
	25	20	25	30	74	H+20	35	52	11	17.5	11					
	30	20	25	30	78	H+25	35	56								
	35	25	30	35	80	H+25	40	58								
	40	25	30	35												

Ordering Example: Part Number - H  
SHMPB8 - 10  
SHMPSN40 - 30

Days to Ship [Configure Online](#)

Price [Configure Online](#)



Size Comparison Table

D	L Dimension		
	Compact Standard	T-Shaped Standard P.205	Difference
6	24	26	-2
8	26	42	-16
10	32	42	-10
12	32	42	-10
15	34	54	-20
16	34	54	-20
20	50	67	-17
25	50	67	-17
30	70	85	-15
35	70	85	-15
40	76	100	-24

⊕ Size Comparison (Actual Dimension x1/2)

