

Shaft Supports (T-Shaped Set Screw Type, Machined)

Standard / Wide Type

Feature: Newly added With Dowel Hole Type enables easy positioning on assembly.

T-Shaped Set Screw Type (Machined) – Standard Type

W/o Dowel Hole		With Dowel Hole	Material	Surface Treatment	Accessories
Height H Selectable Type	Height H Configurable Type	Height H Selectable Type			
SHTB	SHTBH	SHTBK	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Set Screw 1 pc.
SHTM	SHTMH	SHTMK		Electroless Nickel Plating	
SHTS	SHTSH	SHTSK	304 Stainless Steel	—	Hex Socket Set Screw 1 pc. (Stainless Steel)
SHTA	SHTAH	—	Aluminum Alloy 6000 series	Clear Anodize	

Ⓜ Assembly Examples P.293

Part Number	H	L	H ₁	T	S	W	Set Screw M	L ₁	d	Q	ε ₁	Available Types																			
												W/o Dowel Hole		With Dowel Hole																	
												Height Selectable Type	Height Configurable Type	Height Selectable Type																	
Type	D	Height Selectable Type	Height Configurable Type 0.1 mm Inc.										SHTB	SHTM	SHTS	SHTA	SHTBH	SHTMH	SHTSH	SHTAH	SHTBK	SHTMK	SHTSK								
W/o Dowel Hole Height H Selectable Type	3	10 15 20	10.0-20.0	H+5	8	4	10	M3	18	3.5	—	—																			
	4	10 15 20	10.0-20.0	H+6																											
	5	15 20 25	15.0-25.0	H+7																											
	6	15 20 25	15.0-25.0	H+8																											
	8	(10) 15 20 25 30 40	10.0-40.0	H+9																											
Height H Configurable Type	10	(10) 15 20 25 30 40	10.0-40.0	H+10	10	6	M4	30	4.5	4	5	—																			
	12	(10) 15 20 25 30 40	15.0-40.0	H+11																											
	13	20 25 30 40	15.0-40.0	H+12																											
	15	(15) 20 25 30 40	15.0-40.0	H+15																											
	16	(15) 20 25 30 40	15.0-40.0	H+15																											
With Dowel Hole	25	(20) 25 30 40 50 60	25.0-60.0	H+18	16	8	M6	50	6.6	—	—	—																			
	30	(20) 25 30 40 50 60	25.0-60.0	H+20																											
	35	(25) 30 40 50 60	30.0-60.0	H+23																											
	40	(25) 30 40 50 60	30.0-60.0	H+25																											
	40	(25) 30 40 50 60	30.0-60.0	H+30																											
	50	—	40.0-80.0	H+38																											
	25	(20) 25 30 40 50 60	25.0-60.0	H+18									20	10	M6	65	9	—	—	—											
	30	(20) 25 30 40 50 60	25.0-60.0	H+20																											
	35	(25) 30 40 50 60	30.0-60.0	H+23																											
	40	(25) 30 40 50 60	30.0-60.0	H+25																											
40	(25) 30 40 50 60	30.0-60.0	H+30																												
50	—	40.0-80.0	H+38																												
25	(20) 25 30 40 50 60	25.0-60.0	H+18	20	10	M6	80	9	—	—	—																				
30	(20) 25 30 40 50 60	25.0-60.0	H+20																												
35	(25) 30 40 50 60	30.0-60.0	H+23																												
40	(25) 30 40 50 60	30.0-60.0	H+25																												
40	(25) 30 40 50 60	30.0-60.0	H+30																												
50	—	40.0-80.0	H+38																												

Ⓜ H dimensions in () are applicable to w/o Dowel Hole Type only. Ⓜ With Dowel Hole Type is applicable to D dimensions 8-40 only.

Feature: T dimension is thicker in comparison to conventional type (I.D. D x 1-1.5). Newly added aluminum products (excluding Wide Standard) are suitable for weight saving.

T-Shaped Set Screw Type (Machined) – Wide Type

Type	Material	Surface Treatment	Accessories
SHTBN	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1pc.
SHTMN	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Set Screw 1pc. (Stainless Steel)
SHTSN	304 Stainless Steel	—	Hex Socket Set Screw 1pc. (Stainless Steel)

Ⓜ Dimensions 30-50 come with 2 screws.

Part Number	D	H	L	H ₁	T	S	W	Set Screw M	L ₁	d	Q	ε ₁	Part Number Example	
													Part Number	H
SHTBN	8	10 15 20 25 30 40	42	H+9	15	6	18	M6	30	6.6	—	—	SHTB8	- 25
	10	10 15 20 25 30 40 50 60		H+10									SHTM15	- 25.6
	12	10 15 20 25 30 40 50 60		H+11									SHTN35	- 50
	13	15 20 25 30 40 50 60		H+12										
	15	15 20 25 30 40 50 60		H+15										
	16	15 20 25 30 40 50 60		H+15										
	20	20 25 30 40 50 60 80		H+18										
	25	20 25 30 40 50 60 80		H+20										
	30	25 30 40 50 60 80		H+23										
	35	25 30 40 50 60 80		H+25										
SHTMN	40	30 40 50 60 80	H+30											
	50	40 50 60 80	H+38											

Shaft Supports (T-Shaped with Slit, Machined)

Standard Type / Wide Type

Feature: Newly added With Dowel Hole Type enables easy positioning on assembly. High locating repeatability on assembly for maintenance.

T-Shaped with Slit (Machined) – Standard Type

Ⓜ D3 and D4 have 4 mm deeper slits. 25/(6.3/1.6/)

W/o Dowel Hole		With Dowel Hole	Material	Surface Treatment	Accessories
Height H Selectable Type	Height H Configurable Type	Height H Selectable Type			
SHSTB	SHSTBH	SHSTBK	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1 pc.
SHSTM	SHSTMH	SHSTMK		Electroless Nickel Plating	
SHSTS	SHSTSH	SHSTSK	304 Stainless Steel	—	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHSTA	SHSTAH	—	Aluminum Alloy 6000 series	Clear Anodize	
SHSTD	SHSTDH	—	Aluminum Alloy 6000 series	Black Anodize	Hex Socket Head Cap Screw 1 pc.

Ⓜ Assembly Examples P.293

Ⓜ Slit is machined after mounting hole D is bored to H₂ tolerance. Tolerance may become H₃ depending on the machining condition.

Part Number	H	L	H ₁	T	S	W	L ₁	d	E	Tightening Screw M	d ₂	d ₁	ε	C	Q	ε ₁	Available Types																									
																	W/o Dowel Hole						With Dowel Hole																			
																	Height Selectable Type	Height Configurable Type	Height Selectable Type	Height Configurable Type	Height Selectable Type	Height Configurable Type	Height Selectable Type	Height Configurable Type	Height Selectable Type	Height Configurable Type	Height Selectable Type	Height Configurable Type														
Type	D	Height Selectable Type	Height Configurable Type 0.1 mm Increment													SHSTB	SHSTM	SHSTS	SHSTA	SHSTD	SHSTBH	SHSTMH	SHSTSH	SHSTAH	SHSTBK	SHSTMK	SHSTSK															
W/o Dowel Hole Height H Selectable Type	3	10 15 20	10.0-20.0	H+11	8	4	10	18	3.5	7	M3 Through	3.5	6.5	3.5	1.5	—	—																									
	4	10 15 20	10.0-20.0	H+12																																						
	5	10 15 20 25	10.0-25.0	H+12																																						
	6	10 15 20 25	10.0-25.0	H+12																																						
	8	(10) 15 20 25 30 40	10.0-40.0	H+16																																						
Height H Configurable Type	10	(10) 15 20 25 30 40	10.0-30.0	H+16	10	6	M4 (Through)	30	4.5	13	M4 (Through)	4.5	8	4.5	4	5	—																									
	12	(10) 15 20 25 30	10.0-30.0	H+18																																						
	13	(15) 20 25 30	15.0-30.0	H+18																																						
	15	(15) 20 25 30 40	15.0-40.0	H+20																																						
	16	(15) 20 25 30 40	15.0-40.0	H+20																																						
With Dowel Hole	25	(20) 25 30 40 50 60	20.0-60.0	H+26	16	8	M6 (Through)	35	50	6.6	18	6.6	11	6.5	—	—	—																									
	30	25 30 40 50 60	25.0-60.0	H+28																																						
	35	30 40 50 60	25.0-60.0	H+33																																						
	40	30 40 50 60	30.0-80.0	H+36																																						
	40	30 40 50 60	30.0-80.0	H+38																																						
	50	40 50 60 80	40.0-80.0	H+51																																						
	25	(20) 25 30 40 50 60	20.0-60.0	H+26														20	10	M6 (Through)	60	80	29	M8 Depth 16	9	14	9	3	—	—												
	30	25 30 40 50 60	25.0-60.0	H+33																																						
	35	(25) 30 40 50 60	25.0-60.0	H+36																																						
	40	30 40 50 60	30.0-80.0	H+38																																						
40	30 40 50 60	30.0-80.0	H+38																																							
50	40 50 60 80	40.0-80.0	H+51																																							

Ⓜ H dimensions in () are applicable to w/o Dowel Hole Type only. Ⓜ With Dowel Hole Type is applicable to D dimensions 8-50 only.

T-Shaped with Slit (Machined) – Wide Type

Ⓜ D dimensions 30-50 come with 2 screws.

Type	Material	Surface Treatment	Accessories
SHSTBN	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1 pc.
SHSTMN	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHSTSN	304 Stainless Steel	—	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHSTAN	5052 Aluminum Alloy	Clear Anodize	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)

Ⓜ Slit is machined after mounting hole D is bored to H₂ tolerance. Tolerance may become H₃ depending on the machining condition.

Part Number	D	H	L	H ₁	T	S	W	L ₁	d	E	Tightening Screw M	d ₂	d ₁	ε	C	Q	ε ₁	Part Number Example		
																		Part Number	H	
SHSTBN	8	10 15 20 25 30 40	48	H+18	15	6	24	36	6.6	14	M6 Through	6.6	11	6.5	2	—	—	—	SHSTM8	- 25
	10	10 15 20 25 30 40 50 60		H+19															SHSTMH8	- 25.6
	12	10 15 20 25 30 40 50 60		H+21															SHSTMN20	- 30
	13	15 20 25 30 40 50 60																		
	15	15 20 25 30 40 50 60																		
	16	15 20 25 30 40 50 60																		
	20	20 25 30 40 50 60 80		H+23																
	25	20 25 30 40 50 60 80		H+29																
	30	25 30 40 50 60 80		H+31																
	35	25 30 40 50 60 80		H+33																
SHSTMN	40	30 40 50 60 80	H+36																	
	50	40 50 60 80	H+38																	