

# Stop Pins

## Press-Fit Type, Urethane

■ **Features:** Accurate stop positions can be obtained easily. The new configurable type is suitable in space saving applications and height adjusting applications.

■ **Press-Fit Type**

T	Type	M Material	H Hardness	S Surface Treatment
Fixed	STMH	EN 1.1191 Equiv.	46~50HRC	Electroless Nickel Plating
	STMHF	EN 1.4037 Equiv.	50~55HRC	-
Configurable	STMHF	EN 1.7220 Equiv.	46~50HRC	Electroless Nickel Plating
	SSTMHF	EN 1.4037 Equiv.	40~45HRC	-

⚠ Stainless Steel Type may be discolored by hardening.  
 ⚠ 1. CO.5 when D dimension is 3mm only.

■ **T Fixed Type**

Part Number	Type	D	dm6	L	T	Unit Price
						STMH SSTMH
5		3	+0.008	5	5	
5A		3	+0.002	7	5	
5B		3	+0.002	5	3	
6		4		6	5	
6A		4		9	5	
6B		4		6	3	
8		5	+0.012	8	5	
8A		5	+0.004	12	5	
8B		5	+0.004	8	3	
10		6		8	5	
10A		6		12	8	
10B		6		8	3	
12		8		10	5	
12A		8		15	5	
15		8	+0.015	15	5	
16		10	+0.006	15	5	
16A		10	+0.006	12	5	
18		10		18	5	
18A		10		18	5	
20		12	+0.018	16	5	
20A		12	+0.007	24	5	

■ **T Configurable Type**

Part Number	Type	D	T Configurable	dm6	L	Unit Price
			0.5mm Increment			STMHF SSTMHF
3		2-5	2	5		
4		2-5	3	5		
5		2-10	3	5		
6		2-10	4	6		
8		2-10	5	8		
10		2-20	6	8		
12		2-20	8	10		
16		2-20	8	10		
18		2-20	10	12		
20		2-20	12	16		

Ordering Example: Part Number - T  
 (T Fixed) STMH16  
 (T Configurable) SSTMHF3 - 5

■ **Features:** Urethane absorbs shock.

■ **Press-Fit Urethane Type**

Type	M Material	H Hardness	S Surface Treatment
USTMH	EN 1.7220 Equiv. Urethane (Black)	46~50HRC Shore A90	Electroless Nickel Plating
USSTMH	EN 1.4037 Equiv. Urethane (Black)	50~55HRC Shore A90	-

Part Number	Type	D	dm6	t	h	L	d1	Collar for Press-Fitting	Unit Price
								NCLB3-6-10 NCLB4-8-10 NCLB5-10-10 NCLB8-12-10 NCLB10-16-10 NCLB12-20-10 NCLB16-20-10	USTMH USSTMH
5		3	+0.008	0.7	1.5	5	3		
6		4	+0.012	1.5	1.5	6	4		
8		5	+0.004	2.0	2.0	8	8		
10		6	+0.015	2.0	2.0	10	10		
12		8	+0.006	2.0	2.0	12	12		
16		10	+0.018	2.0	2.0	12	13		
18		10	+0.007	2.0	2.0	16	15		
20		12	+0.018	2.0	2.0	16	15		

\* Collar for press-fitting is not included.

Example: Collar for Press-Fitting NCLB P2-132

\* Hammer on collar to press-fit the pin. (The urethane may be broken when directly hammered.)

Part Number	Type	M (Coarse)	t	h	L	D	(C)	Unit Price
								USTEH USSTEH
5.5		3	0.7	1.5	5	3.5	6.4	
7		4	1.5	1.5	5	5	8.1	
8		5			6	6	9.2	
10		6			8	8	11.5	
13		8			10	10	15	
14		8			10	10	16.2	
17		10			12	13	19.6	
19		12			15	15	21.9	

Example: USTEH

■ **Screw-with-Urethane Type**

Type	M Material	H Hardness	S Surface Treatment
USTEH	EN 1.7220 Equiv. Urethane (Black)	46~50HRC Shore A90	Electroless Nickel Plating
USSTEH	EN 1.4301 Equiv. Urethane (Black)	-	-

Ordering Example: Part Number USTMH10 USTEH13

# Stop Pins

## Screw Type, Wrench Hole Type

■ **Features:** Accuracy in Stop Positions is easily obtainable. Select Flat or Sphere Type according to the object shapes.

■ **Screw Flat Type**

T	Type	M Material	H Hardness	S Surface Treatment
Fixed	STEHN	EN 1.7220 Equiv.	46~50HRC	Electroless Nickel Plating
	SSTFH	EN 1.4037 Equiv.	50~55HRC	-
Configurable	STFHN	EN 1.7220 Equiv.	32~38HRC	Electroless Nickel Plating
	SSTFH	EN 1.4037 Equiv.	40~45HRC	-

⚠ Stainless Steel Type may be discolored by hardening.

■ **T Fixed Type**

Part Number	Type	B	M (Coarse)	L	(C)	Unit Price
						STEHN SSTFH
5.5A		3	3	5	6.4	
5.5		3	3	5	6.4	
7		4	4	5	8.1	
8		5	5	6	9.2	
10		6	6	8	11.5	
10B		8	6	9	11.5	
13		8	8	10	15	
13A		8	8	10	15	
14B		8	8	12	15	
14		8	8	10	16.2	
14A		8	8	10	16.2	
14B		8	8	12	16.2	
17		10	10	12	19.6	
17A		10	10	12	19.6	
17B		10	10	15	19.6	
19		12	12	15	21.9	
19A		12	12	15	21.9	
19B		12	12	15	21.9	

■ **T Configurable Type**

Part Number	Type	B	M (Coarse)	L	(C)	Unit Price
						STFHN SSTFH
5.5		2.5-10	3	5	6.4	
7		2.5-10	4	5	8.1	
8		2.5-10	5	6	9.2	
10		5.0-30.0	6	8	11.5	
13		5.0-30.0	8	10	15	
14		5.0-30.0	8	10	16.2	
17		10.0-50.0	10	12	19.6	
19		10.0-50.0	12	15	21.9	

Ordering Example: Part Number - H  
 (T Fixed) STEHN5.5A  
 (T Configurable) STFHN10 - 6.5

■ **Screw Spherical Type**

H	Type	M Material	H Hardness	S Surface Treatment
Fixed	BSTEH	EN 1.7220 Equiv.	46~50HRC	Electroless Nickel Plating
	SBTEH	EN 1.4037 Equiv.	50~55HRC	-
Configurable	BSTFH	EN 1.7220 Equiv.	32~38HRC	Electroless Nickel Plating
	SBTFH	EN 1.4037 Equiv.	40~45HRC	-

⚠ Stainless Steel Type may be discolored by hardening.

■ **H Fixed Type**

Part Number	Type	H	M (Coarse)	L	(C)	T	SR	Unit Price
								BSTEH SBTEH
5.5		3	3	5	6.4	4.3	7.5	
7		4	4	5	8.1	4	8.5	
8		5	5	6	9.2	3.9	10	
10		6	6	8	11.5	6.5	12	
10B		8	6	9	11.5	6.5	12	
13		8	8	10	15	6.1	16	
14		8	8	10	16.2	6.1	18	
17		10	10	12	19.6	7.7	22	
19		12	12	15	21.9	7.5	25	
19B		12	12	15	21.9	7.5	25	

■ **H Configurable**

Part Number	Type	H	M (Coarse)	L	(C)	T	SR	Unit Price
								BSTFH SBTFH
5.5		3	3	5	6.4	4.3	7.5	
7		2.0-10.0	4	5	8.1	4	8.5	
8		2.0-10.0	5	6	9.2	3.9	10	
10		5.0-30.0	6	8	11.5	6.5	12	
13		5.0-30.0	8	10	15	6.1	16	
14		5.0-30.0	8	10	16.2	6.1	18	
17		10.0-50.0	10	12	19.6	7.7	22	
19		10.0-50.0	12	15	21.9	7.5	25	

Ordering Example: Part Number - H  
 (H Fixed) BSTEH10B  
 (H Configurable) SBTFH8 - 8.5

■ **Features:** Can be used in limited spaces.

■ **Wrench Hole Type**

Type	M Material	H Hardness	S Surface Treatment
STEHNW	EN 1.7220 Equiv.	46~50HRC	Electroless Nickel Plating
SSTEHW	EN 1.4037 Equiv.	50~55HRC	-

Part Number	Type	M (Coarse)	L	(C)	Unit Price
					STEHNW SSTEHW
10		6	6	11.5	
13		8	10	15	
14		8	10	16.2	
17		10	12	19.6	
19		12	15	21.9	

Ordering Example: Part Number STEHNW14