

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	S45C Equivalent	46~50HRC	Electroless Nickel Plating
	SSTMH	SUS440C Equivalent	50~55HRC	-
Configurable	STMHF	SCM435 Equivalent	46~50HRC	Electroless Nickel Plating
	SSTMHF	SUS440C Equivalent	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		8	3	
10B		6		10	3	
12		8		10	5	
12A		8		15	5	
15		8		10	5	
16		10	+0.015	10	5	
16A		10	+0.006	15	5	
18		10		12	5	
18A		10		18	5	
20		12	+0.018	16	5	
20A		12	+0.007	24	5	

■ **T Configurable Type**

Part Number	Type	D	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

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	SCM435 Equivalent	46~50HRC	Electroless Nickel Plating
	SSTEHN	SUS440C Equivalent	50~55HRC	-
Configurable	STFHN	SCM435 Equivalent	32~38HRC	Electroless Nickel Plating
	SSTFH	SUS440C Equivalent	40~45HRC	-

⚠ Stainless Steel Type may be discolored by hardening.

■ **T Fixed Type**

Part Number	Type	B	M	L	(C)	Unit Price
			(Coarse)			STEHN SSTEHN
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	18	21.9	

■ **T Configurable Type**

Part Number	Type	B	M	L	(C)	Unit Price
			(Coarse)			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		5.0-20	6	8	11.5	
13		5.0-20	8	10	15	
14		5.0-20	8	10	16.2	
17		10.0-20	10	12	19.6	
19		10.0-20	12	15	21.9	

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

■ **Features:** Urethane absorbs shock.

■ **Press-Fit Urethane Type**

Type	M Material	H Hardness	S Surface Treatment
USTMH	SCM435	46~50HRC	Electroless Nickel Plating
	Urethane (Black)	Shore A90	-
USSTMH	SUS440C Equivalent	50~55HRC	-
	Urethane (Black)	Shore A90	-

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

* 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.)

■ **Screw-with-Urethane Type**

Type	M Material	H Hardness	S Surface Treatment
USTEH	SCM435	46~50HRC	Electroless Nickel Plating
	Urethane (Black)	Shore A90	-
USSTEH	SUS304	-	-
	Urethane (Black)	Shore A90	-

Part Number	Type	B	M	t	h	L	D	(C)	Unit Price
			(Coarse)						USTEH USSTEH
5.5		3		0.7	5	3.5	6.4		
7		4		1.5	5	5	8.1		
8		5			6	6	9.2		
10		6			6	8	11.5		
13		8		2.0	10	10	15		
14		8			10	10	16.2		
17		10			12	13	19.6		
19		12			15	15	21.9		

Example:

■ **Screw Spherical Type**

H	Type	M Material	H Hardness	S Surface Treatment
Fixed	BSTEHN	SCM435 Equivalent	46~50HRC	Electroless Nickel Plating
	SBSTEHN	SUS440C Equivalent	50~55HRC	-
Configurable	BSTFH	SCM435 Equivalent	32~38HRC	Electroless Nickel Plating
	SBSTFH	SUS440C Equivalent	40~45HRC	-

⚠ Stainless Steel Type may be discolored by hardening.

■ **H Fixed Type**

Part Number	Type	B	H	M	L	(C)	T	SR	Unit Price
				(Coarse)					BSTEHN SBSTEHN
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	9	11.5	6.5	12		
10B		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	18	21.9	7.5	25		

■ **H Configurable**

Part Number	Type	B	H	M	L	(C)	T	SR	Unit Price
				(Coarse)					BSTFH SBSTFH
5.5		2.0-10	3	5	6.4	4.3	7.5		
7		2.0-10	4	5	8.1	4	8.5		
8		2.0-10	5	6	9.2	3.9	10		
10		5.0-20	6	6	11.5	6.5	12		
13		5.0-20	8	10	15	6.1	16		
14		5.0-20	8	10	16.2	6.1	18		
17		10.0-20	10	12	19.6	7.7	22		
19		10.0-20	12	15	21.9	7.5	25		

Ordering Example: Part Number - H
(H Fixed) BSTEH10B
(H Configurable) SBSTFH8 - 8.5

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

■ **Wrench Hole Type**

Type	M Material	H Hardness	S Surface Treatment
STEHNW	SCM435	46~50HRC	Electroless Nickel Plating
SSTEHW	SUS440C Equivalent	50~55HRC	-

Part Number	Type	B	M	L	(C)	Unit Price
			(Coarse)			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