

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 or 13Cr stainless	50-55HRC	-
Configurable	STMHF	SCM435 Equivalent	46-50HRC	Electroless Nickel Plating
	SSTMHF	SUS440C or 13Cr stainless	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		5	5	
5A		3	+0.008	7	5	
5B		3	+0.002	7	5	
6		4		6	5	
6A		4		9	5	
6B		4		6	3	
8	(S45C)	5	+0.012	8	5	
8A		5	+0.004	12	5	
8B		5	+0.004	8	3	
10	(SUS440C or 13Cr stainless)	6		8	5	
10A		6		12	5	
10B		6		8	3	
12		8		10	5	
12A		8		15	5	
16		10	+0.015	10	5	
16A		10	+0.006	15	5	
18		12		12	5	
18A		12		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	(SCM435)	2-10	3	5		
6	STMHF	2-10	4	6		
8		2-10	5	8		
10	(SUS440C or 13Cr stainless)	2-20	6	8		
12		2-20	8	10		
16		2-20	8	10		
18	SSTMHF	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 or 13Cr stainless	50-55HRC	-
Configurable	STFHN	SCM435 Equivalent	32-38HRC	Electroless Nickel Plating
	SSTFH	SUS440C or 13Cr stainless	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	5	6.4		
5.5		3	5	6.4		
7		4	5	8.1		
8		5	6	9.2		
10		6	8	11.5		
10B		6	9	11.5		
13	(SCM435)	8	10	15		
13A	STEHN	8	10	15		
14B	(SUS440C or 13Cr stainless)	8	12	15		
14	SSTEHN	8	10	16.2		
14A		8	8	16.2		
14B		8	8	12	16.2	
17		10	12	19.6		
17A		10	10	19.6		
17B		10	15	19.6		
19		12	15	21.9		
19A		12	15	21.9		
19B		12	18	21.9		

■T Configurable Type

Part Number	Type	B	Configurable	M	L	(C)	Unit Price
			(0.5mm Coarse)	(Coarse)			STFHN SSTFH
5.5		2.5-10	3	5	6.4		
7		2.5-10	4	5	8.1		
8	(SCM435)	2.5-10	5	6	9.2		
10	STFHN	2.5-20	6	8	11.5		
10B	(SUS440C or 13Cr stainless)	2.5-20	8	10	15		
13		2.5-20	8	10	15		
14		2.5-20	8	10	16.2		
17		2.5-20	10	12	19.6		
19		2.5-20	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		0.7	1.5	5	3	NCLB3-6-10	
6		4		0.7	1.5	6	4	NCLB4-8-10	
8		5		0.7	2.0	8	6	NCLB5-10-10	
10		6		0.7	2.0	10	8	NCLB8-12-10	
12		8		0.7	2.0	12	10	NCLB10-16-10	
16		10		0.7	2.0	16	12	NCLB12-20-10	
18		12		0.7	2.0	18	13	NCLB12-20-10	
20		12		0.7	2.0	20	15	NCLB16-20-10	

* Collar for press-fitting is not included.

Example: Collar for Press-Fitting NCLB P2-132
USTMH
* 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	1.5	5	3.5	6.4	
7		4		0.7	1.5	6	5	8.1	
8		5		0.7	2.0	8	6	9.2	
10		6		0.7	2.0	10	8	11.5	
13		8		0.7	2.0	12	10	15	
14		8		0.7	2.0	12	10	16.2	
17		10		0.7	2.0	15	12	19.6	
19		12		0.7	2.0	18	15	21.9	

Example: USTEH

■Screw Spherical Type

H	Type	M Material	H Hardness	S Surface Treatment
Fixed	BSTEHN	SCM435 Equivalent	46-50HRC	Electroless Nickel Plating
	SBTEHN	SUS440C or 13Cr stainless	50-55HRC	-
Configurable	BSTFH	SCM435 Equivalent	32-38HRC	Electroless Nickel Plating
	SBTFH	SUS440C or 13Cr stainless	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 SBTEHN
5.5		3	5	6.4	4.3	7.5			
7		4	5	8.1	4	8.5			
8		5	6	9.2	3.9	10			
10		6	8	11.5	6.5	12			
10B		6	9	11.5	6.5	12			
13		8	10	15	6.1	16			
14		8	10	16.2	6.1	18			
17		10	12	19.6	7.7	22			
19		12	15	21.9	7.5	25			
19B		12	18	21.9	7.5	25			

■H Configurable

Part Number	Type	B	H	M	L	(C)	T	SR	Unit Price
				(Coarse)					BSTFH SBTFH
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		2.0-10	6	8	11.5	6.5	12		
10B		2.0-10	6	9	11.5	6.5	12		
13		2.0-10	8	10	15	6.1	16		
14		2.0-10	8	10	16.2	6.1	18		
17		2.0-10	10	12	19.6	7.7	22		
19		2.0-10	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	SCM435	46-50HRC	Electroless Nickel Plating
SSTEHW	SUS440C or 13Cr stainless	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