

Stop Pins

Press-Fit / Screw / Spherical Type

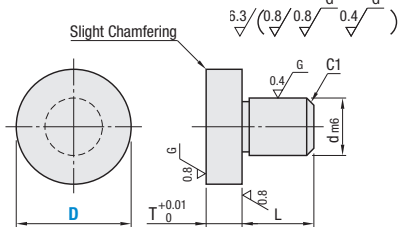
Stop Pins – Press-Fit Type



RoHS10

Type	Type	Material	Hardness	Surface Treatment
Fixed	STMH	1045 Carbon Steel or Equivalent	46~50 HRC	Electroless Nickel Plating
	SSTMH	440C Stainless Steel or Equivalent	50~55 HRC	—
Configurable	STMHF	4137 Alloy Steel or Equivalent	46~50 HRC	Electroless Nickel Plating
	SSTMHF	440C Stainless Steel or Equivalent	40~45 HRC	—

ⓘ Stainless Steel Type may be discolored by hardening.
ⓘ 1. C0.5 when D dimension is 3 mm only.



Part Number Example

Part Number - T
T Fixed STMH16
T Configurable SSTMHF3 - 5

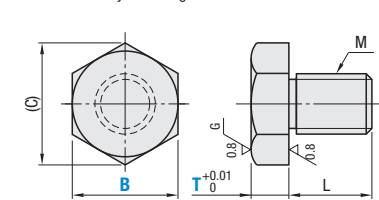
Stop Pins – Screw Type



RoHS10

Type	Type	Material	Hardness	Surface Treatment
T Select.	T Config.		T Fixed	T Config.
STEHN	STFHN	4137 Alloy Steel or Equivalent	46~50 HRC	32~38 HRC
SSTEH	SSTFH	440C Stainless Steel or Equivalent	50~55 HRC	45~50 HRC

ⓘ Stainless Steel Hardened Type (440C Stainless Steel) may be discolored by hardening.



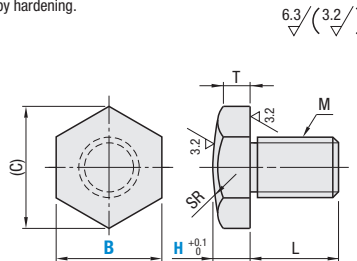
Stop Pins – Spherical Type



RoHS10

Type	Type	Material	Hardness	Surface Treatment
H Selectable	H Configurable			
BSTEh	BSTFH	4137 Alloy Steel or Equivalent	46~50 HRC	Electroless Nickel Plating
SBTEh	SBTFH	440C Stainless Steel or Equivalent	50~55 HRC	—

ⓘ Stainless Steel Hardened Type (440C Stainless Steel) may be discolored by hardening.



Part Number Example

Part Number - T - H
STMH16
STFHN10 - 6.5
SBTFH8 - 8.5

T Fixed Type

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

T Configurable Type

Type	Part Number	D	T Configurable 0.5 mm Increment	dm ₆	L
STMHF	3		2~5	2	5
	4			3	5
	5			3	5
	6		2~10	4	6
	8			5	8
SSTMHF	10			6	8
	12			8	10
	16		2~20	8	10
	18			10	12
	20			10	16

Part Number Type	B	T	M (Coarse)	L	(C)	Available Types
		Fixed	Config. 0.5 mm Inc.			STEHN STFHN SSTEH SSTFH
5.5A	3		3	5	6.4	• • • •
5.5		2.0~10.0	4	5	8.1	• • • •
7	5		5	6	9.2	• • • •
8			6	9	11.5	• • • •
10	8		8	10	15	• • • •
10B			8	12	16.2	• • • •
13	5	5.0~30.0	10	12	19.6	• • • •
13A	8		10	15	21.9	• • • •
13B			12	18		• • • •
14	5		10	12	19.6	• • • •
14A	8		12	15	21.9	• • • •
14B			12	18		• • • •
17	5	10.0~50.0	12	15	21.9	• • • •
17A	8		12	18		• • • •
17B			12	21		• • • •
19	5		12	18		• • • •
19A	8		12	21		• • • •
19B			12	24		• • • •

H Fixed Type

Part Number Type	B	H	M (Coarse)	L	(C)	T	SR
5.5			3	5	6.4	4.3	7.5
7	5		4	5	8.1	4	8.5
8			5	6	9.2	3.9	10
10			6	9	11.5	6.5	12
10B	8		8	10	15	6.1	16
13			10	12	16.2	6.1	18
14			10	15	19.6	7.7	22
14B	10		12	18	21.9	7.5	25
17			12	15	21.9	7.5	25
17B			12	18			
19B			12	21			

H Configurable Type

Part Number Type	B	H 0.5 mm Increment	M (Coarse)	L	(C)	T	SR
5.5			3	5	6.4	H-0.7	7.5
7		2.0~10.0	4	5	8.1	H-1	8.5
8			5	6	9.2	H-1.1	10
10			6	9	11.5	H-1.5	12
10B	8		8	10	15	H-1.9	16
13		5.0~30.0	10	12	16.2	H-1.9	18
14			10	15	19.6	H-2.3	22
17		10.0~50.0	12	15	21.9	H-2.5	25
19			12	18			

Stop Pins

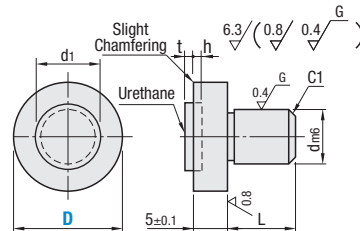
Press-Fit Urethane / Screw Type with Urethane / Wrench Hole Type

Stop Pins – Press-Fit Urethane Type



RoHS10

Type	Material	Hardness	Surface Treatment
USTMH	4137 Alloy Steel	46~50 HRC	Electroless Nickel Plating
USSTMH	Urethane (Black)	Shore A90	—
	440C Stainless Steel or Equivalent	50~55 HRC	—
	Urethane (Black)	Shore A90	—

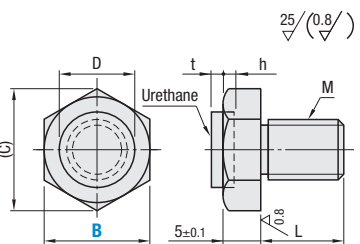


Stop Pins – Screw Type with Urethane



RoHS10

Type	Material	Hardness	Surface Treatment
USTEH	4137 Alloy Steel	46~50 HRC	Electroless Nickel Plating
USTEH	Urethane (Black)	Shore A90	—
USSTEh	304 Stainless Steel	—	—
USSTEh	Urethane (Black)	Shore A90	—

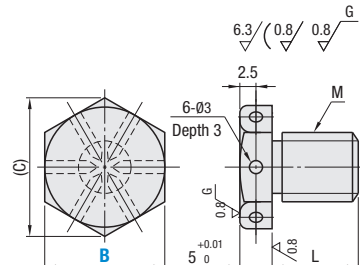


Stop Pins – Wrench Hole Type



RoHS10

Type	Material	Hardness	Surface Treatment
STEHNW	4137 Alloy Steel	46~50 HRC	Electroless Nickel Plating
SSTEHW	440C Stainless Steel or Equivalent	50~55 HRC	—



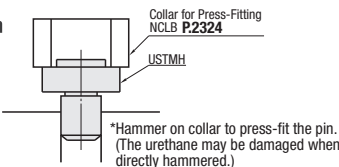
Part Number Example

Part Number
USTMH10
USTEH13
STEHNW14

Part Number Type	D	dm ₆	t	h	L	d ₁	Applicable Collar for Press-Fitting	Available Types
USTMH	5	+0.008		0.7	5	3	NCLB3-6-10	• •
	6	+0.002	1.5		6	4	NCLB4-8-10	• •
	8	+0.012		1.5	8	6	NCLB5-10-10	• •
	10	+0.004			8	8	NCLB8-12-10	• •
	12				10	10	NCLB10-16-10	• •
USSTMH	16	+0.015	2.0	2.0	12	12	NCLB10-20-10	• •
	18	+0.006			12	13	NCLB12-20-10	• •
	20	+0.018			16	15	NCLB16-20-10	• •
		+0.007						• •

*Collar for press-fitting is not included.

Application Example



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

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

Application Example

