

Stop Pins

The products below will be discontinued after the current inventory is depleted. Please contact customer service to verify availability. (U-STEHN/U-SSTEH Types only)

Press Fit

Material	Hardness	Surface Treatment	Type
1045 Steel	46-50HRC	Electroless Nickel Plating	U-STMH
420 Stainless Steel	50-55HRC	-	U-SSTMH

Material Characteristics **P.628, 629**

Induction Hardening area 0.05 dp
0.010 x 45°
Ground 0.05 x 45°
Ground 32
Ground 32
0.2500 ± 0.0005
L
D

Surface Roughness: Unless otherwise specified $\sqrt{32}$

General Tolerance
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	± 0.01
5.001	16.000	± 0.02
16.001	60.000	± 0.05

Thread or hole location tolerance: ± 0.005 non-cumulative.

Type	Part No.			d			L	\$ Unit Price (Qty. 1~49)	
	Callout	Nominal	Actual	Diameter	Tolerance			U-STMH	U-SSTMH
U-STMH	0.25	1/4	0.250	0.1563	0.1568	0.1564	0.250	1.60	2.50
	0.31	5/16	0.313	0.1875	0.1880	0.1877	0.313	1.90	2.60
	0.38	3/8	0.375	0.2500	0.2506	0.2502	0.313	2.20	2.80
U-SSTMH	0.50	1/2	0.500	0.3125	0.3131	0.3127	0.375	2.30	3.00
	0.63	5/8	0.625	0.3750	0.3756	0.3752	0.375	2.40	3.20
	0.75	3/4	0.750	0.5000	0.5007	0.5003	0.500	2.90	4.30

Order Example The part number consists only of the fields with blue characters.

Part No.

Type

U-STMH 0.38

These Stop Pins and Bolts (also known as Rest Buttons or Fixture Supports) can have multiple uses for general automation/material handling /fixture design applications. They are useful in locating, stopping and any other use where precise location of contact points/surfaces are needed. Choose from all-metal and "Urethane Contact Pad".

The products below will be discontinued after the current inventory is depleted. Please contact customer service to verify availability. (U-BSTEH type only)

Spherical Surface

Material	Hardness	Surface Treatment	Type
4137 Steel	46-50HRC	Electroless Nickel Plating	U-BSTEH

Material Characteristics **P.628**

Induction Hardening area 0.05 dp
Ground 32
Ground 32
H ± 0.005
L ± 0.01
SR
B
(C)
T
(A)

Surface Roughness: Unless otherwise specified $\sqrt{32}$

General Tolerance
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	± 0.01
5.001	16.000	± 0.02
16.001	60.000	± 0.05

Thread or hole location tolerance: ± 0.005 non-cumulative.

Type	Part No.			H	(A)	L	SR	B	(C)	\$ Unit Price (Qty. 1~49)	
	Callout	T (Thread)	Major Dia.							U-BSTEH	U-SSTEH
U-BSTEH	8	#8-32	0.164	0.1875	0.15	0.19	0.313	0.250	0.29	3.00	3.00
	10	#10-32	0.190	0.1875	0.13	0.25	0.313	0.312	0.36	3.10	3.10
	0.25	1/4-20	0.250	0.2500	0.18	0.25	0.375	0.375	0.43	3.40	3.40
	0.31	5/16-18	0.313	0.2500	0.16	0.38	0.500	0.500	0.58	3.50	3.50
	0.38	3/8-16	0.375	0.3125	0.22	0.38	0.625	0.562	0.65	3.50	3.50
	0.50	1/2-13	0.500	0.3750	0.24	0.50	0.750	0.750	0.87	3.70	3.70

Order Example The part number consists only of the fields with blue characters. **★ is local mfg.**

Part No.

Type

U-BSTEH 10

Screw

Material	Hardness	Surface Treatment	Type
4137 Steel	46-50HRC	Electroless Nickel Plating	U-STEHN
440C Stainless Steel	50-55HRC	-	U-SSTEH

Material Characteristics **P.628, 629**

Induction Hardening area 0.05 dp
Ground 32
Ground 32
A ± 0.0005
L ± 0.01
B
(C)
T

Surface Roughness: Unless otherwise specified $\sqrt{32}$

General Tolerance
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	± 0.01
5.001	16.000	± 0.02
16.001	60.000	± 0.05

Thread or hole location tolerance: ± 0.005 non-cumulative.

Type	Part No.			A	L	B	(C)	\$ Unit Price (Qty. 1~49)	
	Callout	T (Thread)	Major Dia.					U-STEHN	U-SSTEH
U-STEHN	8	#8-32	0.164	0.1875	0.19	0.250	0.29	2.30	4.10
	10	#10-32	0.190	0.1875	0.25	0.312	0.36	2.40	4.20
	0.25	1/4-20	0.250	0.1875	0.25	0.375	0.43	2.50	4.40
U-SSTEH	0.31	5/16-18	0.313	0.2500	0.38	0.500	0.58	2.60	4.60
	0.38	3/8-16	0.375	0.2500	0.38	0.562	0.65	2.60	4.60
	0.50	1/2-13	0.500	0.2500	0.50	0.750	0.87	2.80	5.00

Order Example The part number consists only of the fields with blue characters. **★ is local mfg.**

Part No.

Type

U-STEHN 0.25

Urethane Contact Pad

Material	Hardness	Surface Treatment	Type
1045 Steel	15-30 HRC	Electroless Nickel Plating	U-USTEH
Urethane	Shore 90	-	U-USTEH
304 Stainless Steel	-	-	U-USSTEH
Urethane	Shore 90	-	U-USSTEH

Material Characteristics **P.534, 628, 629**

Urethane
Ground 32
D
H ± 0.005
L ± 0.01
B
(C)
t
h
T

Surface Roughness: Unless otherwise specified $\sqrt{100}$

General Tolerance
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	± 0.01
5.001	16.000	± 0.02
16.001	60.000	± 0.05

Thread or hole location tolerance: ± 0.005 non-cumulative.

Type	Part No.			D	H	t	h	L	B	(C)	\$ Unit Price (Qty. 1~49)	
	Callout	T (Thread)	Major Dia.								U-USTEH	U-USSTEH
U-USTEH	8	#8-32	0.164	0.156	0.188	0.063	0.063	0.19	0.250	0.29	6.10	10.40
	10	#10-32	0.190	0.219	0.188	0.063	0.063	0.25	0.312	0.36	6.40	10.40
	0.25	1/4-20	0.250	0.281	0.188	0.063	0.063	0.25	0.375	0.43	6.50	10.80
U-USSTEH	0.31	5/16-18	0.313	0.375	0.250	0.094	0.094	0.38	0.500	0.58	6.70	11.00
	0.38	3/8-16	0.375	0.406	0.250	0.094	0.094	0.38	0.562	0.65	7.10	12.60
	0.50	1/2-13	0.500	0.594	0.250	0.094	0.094	0.50	0.750	0.87	7.20	13.40

Order Example The part number consists only of the fields with blue characters.

Part No.

Type

U-USTEH 0.25

Days to Ship **1** Day

Price

Quantity Discount Rate

Quantity	1~49	50-99	100-199	200~
Rate	—	2%	3%	5%

For larger quantity orders "Days to Ship" may differ from published catalog term. **P.29**

Days to Ship **1** Day

Price

Quantity Discount Rate

Quantity	1~49	50-99	100-199	200~
Rate	—	2%	3%	5%

For larger quantity orders "Days to Ship" may differ from published catalog term. **P.29**

Related Components

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